

CITY OF SALINAS STORMWATER MASTER PLAN UPDATE - APPENDIX G & H FINAL -



City of Salinas
Stormwater
Master Plan Update
October 2024

Submitted by:



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APPENDIX G: Detailed Storm Drain Model Results – Existing Conditions

EXISTING CONDITIONS 5-YR 24-HR SUBCATCHMENTS

		ID	Peak Runoff (cfs)	Peak Runoff Day Count (Elapsed Days)	Peak Runoff Time (hrs)	Total Precipitation (in)	Total Runon (in)	Total Evaporation (in)	Total Infiltration (in)	Impervious Runoff (in)	Pervious Runoff (in)	Total Runoff Depth (in)	Total Runoff Volume (MG)	Runoff Coefficient
1	☐	0	31.40	0	09:53 hrs	2.27	0.00	0.00	0.78	1.45	0.00	1.45	1.48	0.64
2	☐	1	15.57	0	09:53 hrs	2.27	0.00	0.00	0.77	1.25	0.22	1.48	0.67	0.65
3	☐	10	119.90	0	09:59 hrs	2.27	0.00	0.00	1.07	0.96	0.20	1.16	8.23	0.51
4	☐	100	20.54	0	09:59 hrs	2.06	0.00	0.00	0.70	1.17	0.16	1.33	1.00	0.64
5	☐	101	5.86	0	09:53 hrs	2.06	0.00	0.00	0.76	1.09	0.19	1.28	0.23	0.62
6	☐	102	14.19	0	09:53 hrs	2.06	0.00	0.00	0.75	1.11	0.17	1.28	0.66	0.62
7	☐	103	30.15	0	09:59 hrs	2.06	0.00	0.00	0.83	1.02	0.17	1.20	1.58	0.58
8	☐	104	15.35	0	09:53 hrs	2.06	0.00	0.00	0.74	1.12	0.17	1.29	0.73	0.62
9	☐	105	19.44	0	09:59 hrs	2.06	0.00	0.00	0.65	1.22	0.15	1.37	0.95	0.67
10	☐	106	22.51	0	09:59 hrs	2.06	0.00	0.00	0.66	1.22	0.15	1.37	1.09	0.66
11	☐	107	4.14	0	09:53 hrs	2.06	0.00	0.00	0.13	1.82	0.07	1.89	0.15	0.92
12	☐	108	3.32	0	09:59 hrs	2.06	0.00	0.00	1.59	0.10	0.37	0.47	0.15	0.23
13	☐	109	14.88	0	09:53 hrs	2.06	0.00	0.00	0.77	1.07	0.19	1.26	0.70	0.61
14	☐	11	24.53	0	09:59 hrs	2.27	0.00	0.00	0.84	1.19	0.21	1.40	1.18	0.62
15	☐	110	2.88	0	09:53 hrs	2.06	0.00	0.00	0.16	1.82	0.05	1.87	0.10	0.91
16	☐	111	8.50	0	09:53 hrs	2.06	0.00	0.00	0.59	1.29	0.15	1.44	0.36	0.70
17	☐	112	6.56	0	09:53 hrs	2.06	0.00	0.00	0.81	1.04	0.19	1.23	0.27	0.60
18	☐	113	3.44	0	09:53 hrs	2.06	0.00	0.00	0.17	1.81	0.05	1.86	0.12	0.90
19	☐	114	16.49	0	09:53 hrs	2.06	0.00	0.00	0.70	1.17	0.16	1.33	0.79	0.65
20	☐	115	6.77	0	09:53 hrs	2.06	0.00	0.00	0.76	1.10	0.18	1.28	0.28	0.62
21	☐	116	1.70	0	09:53 hrs	2.06	0.00	0.00	0.17	1.83	0.05	1.87	0.06	0.91
22	☐	117	11.14	0	09:53 hrs	2.06	0.00	0.00	0.47	1.44	0.12	1.56	0.47	0.75
23	☐	118	15.19	0	09:59 hrs	2.06	0.00	0.00	0.35	1.57	0.09	1.66	0.73	0.81
24	☐	119	19.24	0	09:59 hrs	2.06	0.00	0.00	0.47	1.43	0.11	1.54	0.96	0.75
25	☐	12	10.64	0	09:53 hrs	2.27	0.00	0.00	0.68	1.37	0.20	1.57	0.43	0.69
26	☐	120	10.70	0	09:53 hrs	2.06	0.00	0.00	0.74	1.12	0.17	1.30	0.48	0.63
27	☐	121	4.86	0	09:53 hrs	2.06	0.00	0.00	0.19	1.77	0.05	1.82	0.22	0.89
28	☐	122	9.49	0	09:53 hrs	2.06	0.00	0.00	0.17	1.80	0.05	1.84	0.42	0.89
29	☐	123	24.01	0	09:59 hrs	2.06	0.00	0.00	0.80	1.05	0.18	1.23	1.21	0.60
30	☐	124	9.71	0	09:53 hrs	2.06	0.00	0.00	0.76	1.09	0.18	1.28	0.42	0.62
31	☐	125	2.77	0	09:53 hrs	2.06	0.00	0.00	0.17	1.82	0.05	1.87	0.10	0.91
32	☐	126	22.34	0	09:59 hrs	2.06	0.00	0.00	0.61	1.27	0.14	1.41	1.11	0.68
33	☐	127	0.23	0	09:53 hrs	2.06	0.00	0.00	0.17	1.84	0.05	1.89	0.01	0.92
34	☐	128	21.73	0	09:59 hrs	2.06	0.00	0.00	0.44	1.47	0.11	1.57	1.05	0.76

EXISTING CONDITIONS 5-YR 24-HR SUBCATCHMENTS

		ID	Peak Runoff (cfs)	Peak Runoff Day Count (Elapsed Days)	Peak Runoff Time (hrs)	Total Precipitation (in)	Total Runon (in)	Total Evaporation (in)	Total Infiltration (in)	Impervious Runoff (in)	Pervious Runoff (in)	Total Runoff Depth (in)	Total Runoff Volume (MG)	Runoff Coefficient
35	☐	129	13.18	0	09:53 hrs	2.06	0.00	0.00	0.58	1.30	0.14	1.44	0.62	0.70
36	☐	13	0.98	0	09:53 hrs	2.27	0.00	0.00	0.17	2.03	0.06	2.08	0.03	0.92
37	☐	130	2.86	0	09:53 hrs	2.06	0.00	0.00	0.50	1.41	0.13	1.54	0.10	0.75
38	☐	131	3.61	0	09:53 hrs	2.06	0.00	0.00	0.60	1.28	0.15	1.44	0.13	0.70
39	☐	132	3.48	0	09:53 hrs	2.06	0.00	0.00	0.45	1.46	0.12	1.58	0.13	0.77
40	☐	133	12.43	0	09:53 hrs	2.06	0.00	0.00	0.71	1.15	0.17	1.32	0.56	0.64
41	☐	134	34.28	0	09:59 hrs	2.06	0.00	0.00	0.64	1.23	0.14	1.38	1.75	0.67
42	☐	135	8.70	0	09:53 hrs	2.06	0.00	0.00	0.77	1.09	0.18	1.27	0.37	0.62
43	☐	136	8.77	0	09:53 hrs	2.06	0.00	0.00	0.77	1.08	0.19	1.26	0.38	0.61
44	☐	137	10.10	0	09:53 hrs	2.06	0.00	0.00	0.54	1.36	0.14	1.49	0.42	0.72
45	☐	138	24.32	0	09:59 hrs	2.06	0.00	0.00	0.74	1.13	0.16	1.29	1.21	0.63
46	☐	139	4.86	0	09:53 hrs	2.06	0.00	0.00	0.78	1.07	0.19	1.27	0.19	0.61
47	☐	14	11.58	0	09:53 hrs	2.27	0.00	0.00	0.99	1.17	0.08	1.26	0.50	0.55
48	☐	140	29.77	0	09:59 hrs	2.06	0.00	0.00	0.31	1.61	0.08	1.69	1.53	0.82
49	☐	141	14.02	0	09:59 hrs	2.06	0.00	0.00	0.47	1.43	0.12	1.55	0.66	0.75
50	☐	142	21.13	0	09:59 hrs	2.06	0.00	0.00	0.76	1.10	0.17	1.27	1.05	0.62
51	☐	143	11.93	0	09:53 hrs	2.06	0.00	0.00	0.60	1.28	0.15	1.43	0.51	0.70
52	☐	144	16.38	0	09:59 hrs	2.06	0.00	0.00	0.79	1.07	0.17	1.24	0.82	0.60
53	☐	145	22.76	0	09:59 hrs	2.06	0.00	0.00	0.59	1.29	0.14	1.43	1.08	0.70
54	☐	146	9.04	0	09:53 hrs	2.06	0.00	0.00	0.61	1.27	0.15	1.42	0.39	0.69
55	☐	147	11.42	0	09:53 hrs	2.06	0.00	0.00	0.77	1.08	0.18	1.26	0.52	0.61
56	☐	148	11.27	0	09:53 hrs	2.06	0.00	0.00	0.49	1.41	0.12	1.53	0.49	0.74
57	☐	149	16.80	0	09:59 hrs	2.06	0.00	0.00	0.75	1.11	0.17	1.28	0.82	0.62
58	☐	15	7.88	0	09:53 hrs	2.27	0.00	0.00	0.36	1.77	0.11	1.88	0.29	0.83
59	☐	150	11.79	0	09:53 hrs	2.06	0.00	0.00	0.63	1.25	0.15	1.40	0.51	0.68
60	☐	151	12.42	0	09:53 hrs	2.06	0.00	0.00	0.68	1.18	0.17	1.35	0.54	0.65
61	☐	152	13.89	0	09:53 hrs	2.06	0.00	0.00	0.77	1.08	0.18	1.26	0.64	0.61
62	☐	153	11.66	0	09:53 hrs	2.06	0.00	0.00	0.76	1.09	0.18	1.27	0.52	0.62
63	☐	154	12.72	0	09:53 hrs	2.06	0.00	0.00	0.72	1.14	0.17	1.31	0.59	0.64
64	☐	155	20.49	0	09:59 hrs	2.06	0.00	0.00	0.50	1.40	0.12	1.52	1.00	0.74
65	☐	156	11.65	0	09:53 hrs	2.06	0.00	0.00	0.74	1.11	0.17	1.29	0.53	0.63
66	☐	157	20.39	0	09:59 hrs	2.06	0.00	0.00	0.77	1.09	0.17	1.26	1.02	0.61
67	☐	158	12.46	0	09:53 hrs	2.06	0.00	0.00	0.80	1.05	0.18	1.23	0.58	0.60
68	☐	159	18.82	0	09:59 hrs	2.06	0.00	0.00	0.78	1.08	0.17	1.25	0.95	0.60

EXISTING CONDITIONS 5-YR 24-HR SUBCATCHMENTS

		ID	Peak Runoff (cfs)	Peak Runoff Day Count (Elapsed Days)	Peak Runoff Time (hrs)	Total Precipitation (in)	Total Runon (in)	Total Evaporation (in)	Total Infiltration (in)	Impervious Runoff (in)	Pervious Runoff (in)	Total Runoff Depth (in)	Total Runoff Volume (MG)	Runoff Coefficient
69	☐	16	12.84	0	09:53 hrs	2.27	0.00	0.00	0.87	1.14	0.25	1.38	0.55	0.61
70	☐	160	23.82	0	09:59 hrs	2.06	0.00	0.00	0.18	1.78	0.05	1.82	1.22	0.88
71	☐	161	17.37	0	09:59 hrs	2.06	0.00	0.00	0.69	1.18	0.16	1.34	0.85	0.65
72	☐	162	23.55	0	09:59 hrs	2.06	0.00	0.00	0.75	1.11	0.16	1.28	1.19	0.62
73	☐	163	36.55	0	09:59 hrs	2.06	0.00	0.00	0.67	1.21	0.15	1.35	1.94	0.66
74	☐	164	15.65	0	09:53 hrs	2.06	0.00	0.00	0.64	1.24	0.15	1.39	0.73	0.67
75	☐	165	12.83	0	09:53 hrs	2.06	0.00	0.00	0.58	1.30	0.14	1.45	0.58	0.70
76	☐	166	35.18	0	09:59 hrs	2.06	0.00	0.00	0.41	1.50	0.10	1.60	1.79	0.78
77	☐	167	18.46	0	09:53 hrs	2.06	0.00	0.00	0.50	1.37	0.16	1.52	0.86	0.74
78	☐	168	9.51	0	09:53 hrs	2.06	0.00	0.00	0.27	1.67	0.08	1.75	0.38	0.85
79	☐	169	31.64	0	09:59 hrs	2.06	0.00	0.00	0.67	1.12	0.24	1.36	1.56	0.66
80	☐	17	25.58	0	09:59 hrs	2.27	0.00	0.00	0.86	1.15	0.23	1.38	1.23	0.61
81	☐	170	8.85	0	09:53 hrs	2.06	0.00	0.00	0.59	1.29	0.15	1.45	0.36	0.70
82	☐	171	21.79	0	09:53 hrs	2.06	0.00	0.00	0.67	1.07	0.28	1.35	0.99	0.66
83	☐	172	22.00	0	09:53 hrs	2.06	0.00	0.00	0.64	1.07	0.29	1.36	1.05	0.66
84	☐	173	15.37	0	09:53 hrs	2.06	0.00	0.00	0.70	1.10	0.24	1.34	0.69	0.65
85	☐	174	17.46	0	09:53 hrs	2.06	0.00	0.00	0.59	1.15	0.27	1.42	0.81	0.69
86	☐	175	16.08	0	09:53 hrs	2.06	0.00	0.00	0.47	1.30	0.24	1.53	0.69	0.74
87	☐	176	4.66	0	09:53 hrs	2.06	0.00	0.00	0.49	1.38	0.17	1.55	0.17	0.75
88	☐	177	16.74	0	09:53 hrs	2.06	0.00	0.00	0.56	1.25	0.22	1.47	0.73	0.71
89	☐	178	28.06	0	09:59 hrs	2.06	0.00	0.00	0.47	1.29	0.23	1.52	1.38	0.74
90	☐	179	10.20	0	09:53 hrs	2.06	0.00	0.00	0.09	1.87	0.05	1.92	0.42	0.93
91	☐	18	17.07	0	09:53 hrs	2.27	0.00	0.00	0.84	1.17	0.24	1.40	0.77	0.62
92	☐	180	20.47	0	09:53 hrs	2.27	0.00	0.00	0.63	1.42	0.18	1.60	0.92	0.71
93	☐	181	37.98	0	09:59 hrs	2.27	0.00	0.00	0.31	1.81	0.09	1.90	1.88	0.84
94	☐	182	15.87	0	09:53 hrs	2.27	0.00	0.00	0.70	1.34	0.20	1.54	0.69	0.68
95	☐	183	10.12	0	09:53 hrs	2.27	0.00	0.00	0.75	1.28	0.22	1.50	0.40	0.66
96	☐	184	14.30	0	09:53 hrs	2.27	0.00	0.00	0.70	1.34	0.20	1.55	0.61	0.68
97	☐	185	10.71	0	09:53 hrs	2.27	0.00	0.00	0.63	1.42	0.19	1.61	0.42	0.71
98	☐	186	17.43	0	09:53 hrs	2.27	0.00	0.00	0.77	1.25	0.22	1.47	0.76	0.65
99	☐	187	13.93	0	09:53 hrs	2.27	0.00	0.00	0.43	1.67	0.13	1.80	0.57	0.79
100	☐	188	23.56	0	09:53 hrs	2.27	0.00	0.00	0.68	1.37	0.19	1.56	1.09	0.69
101	☐	189	5.81	0	09:53 hrs	2.27	0.00	0.00	0.21	1.95	0.07	2.02	0.22	0.89
102	☐	19	15.92	0	09:53 hrs	2.27	0.00	0.00	1.03	1.22	0.00	1.22	0.69	0.54

EXISTING CONDITIONS 5-YR 24-HR SUBCATCHMENTS

		ID	Peak Runoff (cfs)	Peak Runoff Day Count (Elapsed Days)	Peak Runoff Time (hrs)	Total Precipitation (in)	Total Runon (in)	Total Evaporation (in)	Total Infiltration (in)	Impervious Runoff (in)	Pervious Runoff (in)	Total Runoff Depth (in)	Total Runoff Volume (MG)	Runoff Coefficient
103	☐	190	22.89	0	09:59 hrs	2.27	0.00	0.00	1.04	0.96	0.24	1.20	1.30	0.53
104	☐	191	18.09	0	09:53 hrs	2.27	0.00	0.00	0.74	1.29	0.21	1.50	0.79	0.66
105	☐	192	21.26	0	09:53 hrs	2.27	0.00	0.00	0.76	1.26	0.22	1.48	0.96	0.65
106	☐	193	15.70	0	09:53 hrs	2.27	0.00	0.00	0.65	1.41	0.19	1.59	0.68	0.70
107	☐	194	60.75	0	09:59 hrs	2.27	0.00	0.00	0.23	1.90	0.07	1.97	3.44	0.87
108	☐	195	27.00	0	09:59 hrs	2.27	0.00	0.00	0.57	1.35	0.29	1.64	1.29	0.72
109	☐	196	34.08	0	09:59 hrs	2.27	0.00	0.00	0.84	1.15	0.25	1.40	1.69	0.62
110	☐	197	11.77	0	09:53 hrs	2.27	0.00	0.00	0.63	1.42	0.19	1.61	0.48	0.71
111	☐	198	30.24	0	09:59 hrs	2.27	0.00	0.00	0.55	1.52	0.16	1.68	1.44	0.74
112	☐	199	9.41	0	09:53 hrs	2.27	0.00	0.00	0.44	1.67	0.13	1.80	0.39	0.79
113	☐	2	28.54	0	09:59 hrs	2.27	0.00	0.00	0.60	1.46	0.17	1.63	1.37	0.72
114	☐	20	11.05	0	09:53 hrs	2.27	0.00	0.00	1.06	1.18	0.00	1.18	0.46	0.52
115	☐	200	31.32	0	09:59 hrs	2.27	0.00	0.00	0.76	1.27	0.20	1.47	1.57	0.65
116	☐	201	12.26	0	09:53 hrs	2.27	0.00	0.00	0.62	1.43	0.18	1.62	0.52	0.71
117	☐	202	27.72	0	09:59 hrs	2.27	0.00	0.00	0.81	1.20	0.22	1.43	1.33	0.63
118	☐	203	40.27	0	09:59 hrs	2.27	0.00	0.00	0.69	1.35	0.19	1.53	2.09	0.68
119	☐	204	7.83	0	09:53 hrs	2.27	0.00	0.00	0.75	1.18	0.32	1.50	0.30	0.66
120	☐	205	4.79	0	09:53 hrs	2.27	0.00	0.00	0.82	1.18	0.25	1.43	0.18	0.63
121	☐	206	13.53	0	09:53 hrs	2.27	0.00	0.00	0.85	1.16	0.24	1.40	0.60	0.62
122	☐	207	28.91	0	09:59 hrs	2.27	0.00	0.00	0.49	1.59	0.14	1.73	1.38	0.76
123	☐	208	15.19	0	09:53 hrs	2.27	0.00	0.00	0.79	1.23	0.23	1.46	0.58	0.64
124	☐	209	25.06	0	09:53 hrs	2.06	0.00	0.00	0.25	1.62	0.13	1.75	1.17	0.85
125	☐	21	17.20	0	09:53 hrs	2.27	0.00	0.00	0.66	1.38	0.19	1.57	0.77	0.69
126	☐	210	19.57	0	09:59 hrs	2.06	0.00	0.00	0.41	1.38	0.20	1.59	0.95	0.77
127	☐	211	23.70	0	09:59 hrs	2.06	0.00	0.00	0.41	1.46	0.14	1.60	1.16	0.78
128	☐	212	16.88	0	09:53 hrs	2.06	0.00	0.00	0.10	1.87	0.03	1.90	0.82	0.92
129	☐	213	14.04	0	09:53 hrs	2.06	0.00	0.00	0.59	1.29	0.14	1.44	0.63	0.70
130	☐	214	38.75	0	09:59 hrs	2.06	0.00	0.00	0.98	0.80	0.25	1.06	2.34	0.51
131	☐	215	31.17	0	09:59 hrs	2.06	0.00	0.00	0.67	1.20	0.15	1.35	1.61	0.65
132	☐	216	33.90	0	09:59 hrs	2.06	0.00	0.00	1.15	0.67	0.22	0.89	1.95	0.43
133	☐	217	53.52	0	09:59 hrs	2.06	0.00	0.00	1.13	0.72	0.18	0.91	3.22	0.44
134	☐	218	17.18	0	09:59 hrs	2.06	0.00	0.00	0.65	1.05	0.30	1.34	0.89	0.65
135	☐	219	61.02	0	09:59 hrs	2.06	0.00	0.00	1.06	0.72	0.25	0.98	3.85	0.47
136	☐	22	17.39	0	09:53 hrs	2.27	0.00	0.00	0.93	1.17	0.15	1.32	0.79	0.58

EXISTING CONDITIONS 5-YR 24-HR SUBCATCHMENTS

		ID	Peak Runoff (cfs)	Peak Runoff Day Count (Elapsed Days)	Peak Runoff Time (hrs)	Total Precipitation (in)	Total Runon (in)	Total Evaporation (in)	Total Infiltration (in)	Impervious Runoff (in)	Pervious Runoff (in)	Total Runoff Depth (in)	Total Runoff Volume (MG)	Runoff Coefficient
137	☐	220	11.15	0	09:53 hrs	2.27	0.00	0.00	0.58	1.40	0.26	1.66	0.46	0.73
138	☐	221	21.51	0	09:59 hrs	2.27	0.00	0.00	0.83	1.17	0.24	1.41	1.06	0.62
139	☐	222	14.11	0	09:53 hrs	2.27	0.00	0.00	0.56	1.51	0.16	1.68	0.61	0.74
140	☐	223	7.12	0	09:53 hrs	2.06	0.00	0.00	0.71	1.15	0.18	1.33	0.29	0.64
141	☐	224	15.32	0	09:53 hrs	2.27	0.00	0.00	0.48	1.44	0.28	1.73	0.66	0.76
142	☐	225	20.32	0	09:59 hrs	2.27	0.00	0.00	0.48	1.43	0.29	1.72	0.95	0.76
143	☐	226	26.28	0	09:59 hrs	2.27	0.00	0.00	0.49	1.53	0.20	1.74	1.25	0.76
144	☐	227	27.56	0	09:59 hrs	2.27	0.00	0.00	0.68	1.16	0.36	1.51	1.41	0.67
145	☐	228	9.91	0	09:53 hrs	2.06	0.00	0.00	1.08	0.87	0.09	0.96	0.43	0.47
146	☐	229	24.94	0	09:53 hrs	2.06	0.00	0.00	0.60	1.22	0.22	1.44	1.10	0.70
147	☐	23	21.98	0	09:59 hrs	2.27	0.00	0.00	0.78	1.24	0.22	1.46	1.04	0.64
148	☐	230	12.60	0	09:53 hrs	2.27	0.00	0.00	0.67	1.35	0.24	1.59	0.45	0.70
149	☐	231	52.64	0	09:59 hrs	2.27	0.00	0.00	0.55	1.34	0.30	1.65	2.72	0.72
150	☐	232	25.19	0	09:59 hrs	2.27	0.00	0.00	0.49	1.40	0.30	1.70	1.19	0.75
151	☐	233	30.07	0	09:59 hrs	2.27	0.00	0.00	0.54	1.36	0.29	1.66	1.51	0.73
152	☐	234	17.39	0	09:53 hrs	2.27	0.00	0.00	0.57	1.38	0.27	1.65	0.79	0.73
153	☐	235	15.81	0	09:53 hrs	2.27	0.00	0.00	0.64	1.22	0.35	1.57	0.72	0.69
154	☐	236	17.90	0	09:53 hrs	2.27	0.00	0.00	0.61	1.22	0.36	1.59	0.84	0.70
155	☐	237	20.04	0	09:59 hrs	2.27	0.00	0.00	0.63	1.19	0.37	1.56	0.97	0.69
156	☐	238	16.69	0	09:53 hrs	2.27	0.00	0.00	0.72	1.20	0.32	1.52	0.78	0.67
157	☐	239	18.08	0	09:53 hrs	2.27	0.00	0.00	0.62	1.20	0.37	1.57	0.87	0.69
158	☐	24	5.71	0	09:53 hrs	2.27	0.00	0.00	0.69	1.36	0.21	1.56	0.21	0.69
159	☐	240	26.81	0	09:59 hrs	2.27	0.00	0.00	0.53	1.35	0.31	1.67	1.31	0.73
160	☐	241	14.56	0	09:53 hrs	2.27	0.00	0.00	0.93	1.32	0.00	1.32	0.57	0.58
161	☐	242	9.59	0	09:53 hrs	2.27	0.00	0.00	1.06	1.18	0.01	1.19	0.38	0.52
162	☐	243	9.92	0	09:53 hrs	2.27	0.00	0.00	0.83	1.16	0.27	1.42	0.40	0.63
163	☐	244	19.23	0	09:53 hrs	2.27	0.00	0.00	0.65	1.16	0.39	1.54	0.89	0.68
164	☐	245	11.04	0	09:53 hrs	2.27	0.00	0.00	0.78	1.18	0.29	1.47	0.46	0.65
165	☐	246	16.70	0	09:53 hrs	2.27	0.00	0.00	0.81	1.20	0.23	1.43	0.76	0.63
166	☐	247	23.93	0	09:59 hrs	2.27	0.00	0.00	0.85	1.16	0.22	1.39	1.20	0.61
167	☐	248	34.95	0	09:59 hrs	2.27	0.00	0.00	0.89	1.12	0.23	1.35	1.79	0.60
168	☐	249	15.77	0	09:53 hrs	2.27	0.00	0.00	0.54	1.54	0.16	1.70	0.69	0.75
169	☐	25	12.44	0	09:53 hrs	2.27	0.00	0.00	0.84	1.17	0.24	1.41	0.52	0.62
170	☐	250	9.06	0	09:53 hrs	2.27	0.00	0.00	0.55	1.53	0.17	1.70	0.34	0.75

EXISTING CONDITIONS 5-YR 24-HR SUBCATCHMENTS

		ID	Peak Runoff (cfs)	Peak Runoff Day Count (Elapsed Days)	Peak Runoff Time (hrs)	Total Precipitation (in)	Total Runon (in)	Total Evaporation (in)	Total Infiltration (in)	Impervious Runoff (in)	Pervious Runoff (in)	Total Runoff Depth (in)	Total Runoff Volume (MG)	Runoff Coefficient
171	☐	251	31.09	0	09:59 hrs	2.27	0.00	0.00	0.62	1.44	0.17	1.61	1.49	0.71
172	☐	252	2.15	0	09:53 hrs	2.27	0.00	0.00	0.91	1.35	0.00	1.35	0.08	0.59
173	☐	253	7.17	0	09:53 hrs	2.27	0.00	0.00	1.05	1.15	0.05	1.20	0.28	0.53
174	☐	254	17.35	0	09:53 hrs	2.27	0.00	0.00	0.69	1.35	0.20	1.55	0.78	0.68
175	☐	255	4.16	0	09:53 hrs	2.27	0.00	0.00	0.63	1.44	0.19	1.63	0.14	0.72
176	☐	256	4.38	0	09:53 hrs	2.27	0.00	0.00	0.23	1.94	0.07	2.02	0.15	0.89
177	☐	257	12.06	0	09:53 hrs	2.27	0.00	0.00	0.60	1.47	0.18	1.64	0.49	0.72
178	☐	258	11.74	0	09:53 hrs	2.27	0.00	0.00	0.53	1.55	0.16	1.71	0.48	0.75
179	☐	259	7.57	0	09:53 hrs	2.27	0.00	0.00	0.18	2.00	0.06	2.06	0.29	0.91
180	☐	26	28.23	0	09:59 hrs	2.27	0.00	0.00	0.77	1.25	0.21	1.46	1.35	0.65
181	☐	260	11.55	0	09:53 hrs	2.27	0.00	0.00	0.64	1.42	0.19	1.61	0.46	0.71
182	☐	261	13.88	0	09:53 hrs	2.27	0.00	0.00	0.72	1.31	0.21	1.52	0.59	0.67
183	☐	262	19.58	0	09:53 hrs	2.27	0.00	0.00	0.36	1.75	0.11	1.86	0.88	0.82
184	☐	263	12.87	0	09:53 hrs	2.27	0.00	0.00	0.94	1.26	0.05	1.31	0.54	0.58
185	☐	264	19.26	0	09:53 hrs	2.27	0.00	0.00	0.70	1.34	0.20	1.54	0.87	0.68
186	☐	265	17.68	0	09:53 hrs	2.27	0.00	0.00	0.86	1.30	0.08	1.38	0.78	0.61
187	☐	266	3.64	0	09:53 hrs	2.27	0.00	0.00	0.82	1.19	0.25	1.44	0.12	0.63
188	☐	267	4.02	0	09:53 hrs	2.27	0.00	0.00	0.79	1.16	0.30	1.47	0.14	0.65
189	☐	268	5.04	0	09:53 hrs	2.27	0.00	0.00	0.76	1.26	0.23	1.49	0.18	0.66
190	☐	269	6.82	0	09:53 hrs	2.27	0.00	0.00	0.62	1.40	0.23	1.63	0.25	0.72
191	☐	27	21.86	0	09:53 hrs	2.27	0.00	0.00	0.60	1.54	0.09	1.63	1.02	0.72
192	☐	270	12.43	0	09:53 hrs	2.27	0.00	0.00	0.75	1.21	0.29	1.50	0.53	0.66
193	☐	271	11.42	0	09:53 hrs	2.27	0.00	0.00	0.75	1.22	0.27	1.49	0.47	0.66
194	☐	272	29.78	0	09:59 hrs	2.27	0.00	0.00	0.74	1.30	0.20	1.50	1.43	0.66
195	☐	273	17.31	0	09:53 hrs	2.27	0.00	0.00	1.01	1.23	0.00	1.24	0.68	0.55
196	☐	274	7.98	0	09:53 hrs	2.27	0.00	0.00	1.21	1.04	0.00	1.04	0.30	0.46
197	☐	275	6.93	0	09:53 hrs	2.27	0.00	0.00	1.36	0.90	0.00	0.90	0.25	0.40
198	☐	276	23.74	0	09:53 hrs	2.27	0.00	0.00	0.94	1.30	0.00	1.30	1.04	0.57
199	☐	277	8.34	0	09:53 hrs	2.27	0.00	0.00	1.35	0.91	0.00	0.91	0.31	0.40
200	☐	278	14.57	0	09:53 hrs	2.27	0.00	0.00	0.58	1.51	0.14	1.66	0.63	0.73
201	☐	279	17.36	0	09:53 hrs	2.27	0.00	0.00	0.81	1.20	0.23	1.43	0.78	0.63
202	☐	28	20.73	0	09:53 hrs	2.27	0.00	0.00	0.84	1.17	0.23	1.40	0.98	0.62
203	☐	280	28.99	0	09:53 hrs	2.27	0.00	0.00	0.85	1.22	0.17	1.39	1.34	0.61
204	☐	281	4.40	0	09:53 hrs	2.27	0.00	0.00	0.86	1.14	0.26	1.40	0.16	0.62

EXISTING CONDITIONS 5-YR 24-HR SUBCATCHMENTS

		ID	Peak Runoff (cfs)	Peak Runoff Day Count (Elapsed Days)	Peak Runoff Time (hrs)	Total Precipitation (in)	Total Runon (in)	Total Evaporation (in)	Total Infiltration (in)	Impervious Runoff (in)	Pervious Runoff (in)	Total Runoff Depth (in)	Total Runoff Volume (MG)	Runoff Coefficient
205	☐	282	3.47	0	09:53 hrs	2.27	0.00	0.00	0.53	1.56	0.16	1.73	0.12	0.76
206	☐	283	8.02	0	09:53 hrs	2.27	0.00	0.00	0.82	1.19	0.24	1.43	0.31	0.63
207	☐	284	23.64	0	09:53 hrs	2.27	0.00	0.00	0.71	1.33	0.20	1.53	1.07	0.67
208	☐	285	16.66	0	09:53 hrs	2.27	0.00	0.00	0.69	1.27	0.29	1.55	0.74	0.68
209	☐	286	4.15	0	09:53 hrs	2.27	0.00	0.00	0.26	1.81	0.16	1.97	0.14	0.87
210	☐	287	25.87	0	09:53 hrs	2.27	0.00	0.00	0.36	1.64	0.21	1.85	1.19	0.81
211	☐	288	26.23	0	09:53 hrs	2.27	0.00	0.00	1.05	0.89	0.32	1.21	1.09	0.53
212	☐	289	15.78	0	09:53 hrs	2.27	0.00	0.00	0.08	2.08	0.05	2.13	0.72	0.94
213	☐	29	23.46	0	09:59 hrs	2.27	0.00	0.00	0.80	1.22	0.22	1.43	1.13	0.63
214	☐	290	15.30	0	09:53 hrs	2.27	0.00	0.00	0.08	2.07	0.05	2.12	0.72	0.94
215	☐	291	28.93	0	09:53 hrs	2.27	0.00	0.00	1.06	0.89	0.31	1.20	1.37	0.53
216	☐	292	31.30	0	09:59 hrs	2.27	0.00	0.00	0.52	1.52	0.18	1.70	1.53	0.75
217	☐	293	3.50	0	09:53 hrs	2.06	0.00	0.00	0.53	1.37	0.14	1.51	0.12	0.73
218	☐	294	1.18	0	09:53 hrs	2.27	0.00	0.00	0.18	2.03	0.06	2.09	0.04	0.92
219	☐	295	11.10	0	09:53 hrs	2.27	0.00	0.00	0.48	1.74	0.02	1.76	0.46	0.77
220	☐	296	35.48	0	09:59 hrs	2.06	0.00	0.00	0.36	1.46	0.17	1.64	1.77	0.80
221	☐	297	5.10	0	09:53 hrs	2.27	0.00	0.00	0.25	1.89	0.11	2.00	0.17	0.88
222	☐	298	55.36	0	09:59 hrs	2.06	0.00	0.00	0.20	1.70	0.09	1.79	2.96	0.87
223	☐	299	38.53	0	09:59 hrs	2.27	0.00	0.00	0.88	1.14	0.22	1.36	2.10	0.60
224	☐	3	11.51	0	09:53 hrs	2.27	0.00	0.00	0.34	1.86	0.03	1.89	0.48	0.83
225	☐	30	20.63	0	09:53 hrs	2.06	0.00	0.00	1.21	0.44	0.37	0.82	1.31	0.40
226	☐	300	32.33	0	09:59 hrs	2.27	0.00	0.00	0.82	1.19	0.22	1.41	1.63	0.62
227	☐	301	9.34	0	09:53 hrs	2.06	0.00	0.00	0.76	1.06	0.22	1.28	0.41	0.62
228	☐	302	24.20	0	09:59 hrs	2.06	0.00	0.00	0.82	1.03	0.18	1.21	1.24	0.59
229	☐	303	19.05	0	09:59 hrs	2.06	0.00	0.00	0.62	1.26	0.14	1.40	0.94	0.68
230	☐	304	6.44	0	09:53 hrs	2.06	0.00	0.00	0.27	1.67	0.07	1.75	0.26	0.85
231	☐	305	15.08	0	09:53 hrs	2.06	0.00	0.00	0.76	1.10	0.18	1.27	0.70	0.62
232	☐	306	13.51	0	09:53 hrs	2.06	0.00	0.00	0.65	1.23	0.16	1.39	0.58	0.67
233	☐	307	21.08	0	09:53 hrs	2.27	0.00	0.00	0.63	1.40	0.21	1.60	0.97	0.71
234	☐	308	33.56	0	09:59 hrs	2.27	0.00	0.00	0.26	1.88	0.08	1.95	1.69	0.86
235	☐	309	8.64	0	09:53 hrs	2.27	0.00	0.00	0.93	1.12	0.20	1.32	0.35	0.58
236	☐	31	30.91	0	09:59 hrs	2.06	0.00	0.00	0.66	1.17	0.20	1.36	1.51	0.66
237	☐	310	20.10	0	09:53 hrs	2.27	0.00	0.00	0.50	1.58	0.15	1.73	0.90	0.76
238	☐	311	13.97	0	09:53 hrs	2.06	0.00	0.00	0.65	1.22	0.16	1.38	0.63	0.67

EXISTING CONDITIONS 5-YR 24-HR SUBCATCHMENTS

		ID	Peak Runoff (cfs)	Peak Runoff Day Count (Elapsed Days)	Peak Runoff Time (hrs)	Total Precipitation (in)	Total Runon (in)	Total Evaporation (in)	Total Infiltration (in)	Impervious Runoff (in)	Pervious Runoff (in)	Total Runoff Depth (in)	Total Runoff Volume (MG)	Runoff Coefficient
239	☐	312	23.11	0	09:53 hrs	2.06	0.00	0.00	0.27	1.60	0.14	1.73	0.98	0.84
240	☐	313	6.52	0	09:53 hrs	2.27	0.00	0.00	0.23	1.90	0.10	2.00	0.25	0.88
241	☐	314	6.83	0	09:53 hrs	2.06	0.00	0.00	0.21	1.74	0.07	1.81	0.27	0.88
242	☐	315	15.37	0	09:53 hrs	2.06	0.00	0.00	0.63	1.07	0.31	1.38	0.66	0.67
243	☐	316	38.73	0	09:59 hrs	2.06	0.00	0.00	0.47	1.29	0.23	1.52	2.12	0.74
244	☐	317	14.80	0	09:53 hrs	2.06	0.00	0.00	0.43	1.36	0.22	1.58	0.63	0.77
245	☐	318	6.92	0	09:53 hrs	2.06	0.00	0.00	0.58	1.31	0.14	1.45	0.29	0.71
246	☐	319	19.79	0	09:59 hrs	2.06	0.00	0.00	0.53	1.36	0.13	1.49	0.94	0.72
247	☐	32	10.93	0	09:53 hrs	2.06	0.00	0.00	0.71	1.08	0.25	1.32	0.47	0.64
248	☐	320	23.25	0	09:53 hrs	2.06	0.00	0.00	0.39	1.50	0.13	1.63	1.08	0.79
249	☐	321	7.79	0	09:53 hrs	2.06	0.00	0.00	0.32	1.62	0.08	1.70	0.33	0.83
250	☐	322	12.31	0	09:59 hrs	2.06	0.00	0.00	0.24	1.71	0.06	1.77	0.59	0.86
251	☐	323	18.36	0	09:53 hrs	2.27	0.00	0.00	0.54	1.33	0.32	1.66	0.86	0.73
252	☐	324	13.33	0	09:53 hrs	2.06	0.00	0.00	0.69	1.18	0.16	1.34	0.63	0.65
253	☐	325	14.71	0	09:59 hrs	2.06	0.00	0.00	0.77	1.08	0.17	1.26	0.72	0.61
254	☐	326	30.94	0	09:59 hrs	2.06	0.00	0.00	0.52	1.38	0.12	1.50	1.56	0.73
255	☐	327	8.14	0	09:53 hrs	2.06	0.00	0.00	0.72	1.14	0.18	1.31	0.33	0.64
256	☐	328	10.07	0	09:53 hrs	2.06	0.00	0.00	0.61	1.27	0.15	1.42	0.44	0.69
257	☐	329	16.01	0	09:53 hrs	2.06	0.00	0.00	0.64	1.23	0.15	1.39	0.72	0.67
258	☐	33	21.76	0	09:59 hrs	2.06	0.00	0.00	0.63	1.14	0.25	1.39	1.07	0.67
259	☐	330	8.09	0	09:53 hrs	2.06	0.00	0.00	0.28	1.67	0.07	1.74	0.34	0.84
260	☐	331	29.60	0	09:59 hrs	2.27	0.00	0.00	0.70	1.34	0.19	1.53	1.44	0.67
261	☐	332	15.10	0	09:53 hrs	2.06	0.00	0.00	0.59	1.12	0.29	1.41	0.72	0.69
262	☐	333	32.13	0	09:59 hrs	2.27	0.00	0.00	0.65	1.18	0.36	1.54	1.66	0.68
263	☐	334	25.85	0	09:59 hrs	2.27	0.00	0.00	0.34	1.65	0.21	1.85	1.25	0.82
264	☐	335	35.70	0	09:59 hrs	2.06	0.00	0.00	0.26	1.68	0.06	1.74	1.88	0.85
265	☐	336	23.71	0	09:59 hrs	2.06	0.00	0.00	0.42	1.49	0.10	1.59	1.14	0.77
266	☐	337	14.06	0	09:53 hrs	2.06	0.00	0.00	0.55	1.34	0.14	1.47	0.63	0.71
267	☐	338	13.84	0	09:53 hrs	2.06	0.00	0.00	0.35	1.57	0.09	1.66	0.62	0.81
268	☐	339	9.48	0	09:53 hrs	2.06	0.00	0.00	0.47	1.43	0.12	1.55	0.41	0.75
269	☐	34	10.19	0	09:53 hrs	2.27	0.00	0.00	0.89	1.10	0.25	1.35	0.45	0.60
270	☐	340	21.29	0	09:53 hrs	2.27	0.00	0.00	0.21	1.94	0.07	2.00	1.00	0.88
271	☐	341	4.88	0	09:53 hrs	2.27	0.00	0.00	0.77	1.25	0.23	1.48	0.19	0.65
272	☐	342	37.12	0	09:59 hrs	2.27	0.00	0.00	0.10	2.07	0.03	2.10	1.96	0.93

EXISTING CONDITIONS 5-YR 24-HR SUBCATCHMENTS

		ID	Peak Runoff (cfs)	Peak Runoff Day Count (Elapsed Days)	Peak Runoff Time (hrs)	Total Precipitation (in)	Total Runon (in)	Total Evaporation (in)	Total Infiltration (in)	Impervious Runoff (in)	Pervious Runoff (in)	Total Runoff Depth (in)	Total Runoff Volume (MG)	Runoff Coefficient
273	☐	343	24.85	0	09:59 hrs	2.27	0.00	0.00	0.14	2.03	0.04	2.07	1.24	0.91
274	☐	344	1.70	0	09:53 hrs	2.27	0.00	0.00	0.15	2.05	0.05	2.10	0.06	0.92
275	☐	345	3.26	0	09:53 hrs	2.27	0.00	0.00	0.43	1.69	0.14	1.83	0.10	0.81
276	☐	346	25.93	0	09:59 hrs	2.27	0.00	0.00	0.58	1.49	0.17	1.65	1.21	0.73
277	☐	347	12.36	0	09:53 hrs	2.27	0.00	0.00	0.51	1.57	0.15	1.72	0.50	0.76
278	☐	348	20.43	0	09:59 hrs	2.27	0.00	0.00	0.83	1.19	0.22	1.41	0.99	0.62
279	☐	349	15.61	0	09:53 hrs	2.27	0.00	0.00	0.96	1.21	0.07	1.28	0.70	0.56
280	☐	35	22.98	0	09:59 hrs	2.27	0.00	0.00	0.87	1.14	0.23	1.37	1.14	0.60
281	☐	350	29.11	0	09:59 hrs	2.27	0.00	0.00	0.66	1.38	0.19	1.57	1.39	0.69
282	☐	351	26.96	0	09:53 hrs	2.27	0.00	0.00	1.01	1.24	0.00	1.24	1.18	0.54
283	☐	352	1.88	0	09:53 hrs	2.06	0.00	0.00	0.53	1.52	0.00	1.52	0.07	0.74
284	☐	353	8.95	0	09:53 hrs	2.27	0.00	0.00	0.36	1.88	0.00	1.88	0.35	0.83
285	☐	354	243.90	0	09:59 hrs	2.27	0.00	0.00	1.27	0.96	0.00	0.96	16.64	0.42
286	☐	355	4.76	0	09:53 hrs	2.06	0.00	0.00	0.67	1.23	0.15	1.37	0.18	0.67
287	☐	356	4.67	0	09:53 hrs	2.27	0.00	0.00	0.20	1.98	0.06	2.04	0.17	0.90
288	☐	357	67.92	0	09:59 hrs	2.27	0.00	0.00	0.99	1.02	0.23	1.24	3.95	0.55
289	☐	358	7.67	0	09:53 hrs	2.27	0.00	0.00	0.22	1.95	0.07	2.01	0.30	0.89
290	☐	359	12.28	0	09:53 hrs	2.27	0.00	0.00	0.74	1.29	0.22	1.50	0.51	0.66
291	☐	36	20.67	0	09:53 hrs	2.06	0.00	0.00	0.49	1.39	0.14	1.53	0.94	0.74
292	☐	360	6.20	0	09:53 hrs	2.06	0.00	0.00	0.64	1.24	0.16	1.40	0.25	0.68
293	☐	361	6.80	0	09:53 hrs	2.06	0.00	0.00	0.82	1.03	0.20	1.23	0.28	0.59
294	☐	362	14.09	0	09:53 hrs	2.06	0.00	0.00	0.67	1.20	0.16	1.36	0.67	0.66
295	☐	363	8.13	0	09:53 hrs	2.06	0.00	0.00	0.54	1.35	0.14	1.49	0.34	0.72
296	☐	364	12.50	0	09:53 hrs	2.06	0.00	0.00	0.81	1.04	0.19	1.23	0.56	0.60
297	☐	365	19.12	0	09:59 hrs	2.06	0.00	0.00	0.75	1.11	0.17	1.28	0.94	0.62
298	☐	366	14.57	0	09:53 hrs	2.06	0.00	0.00	0.39	1.53	0.10	1.63	0.63	0.79
299	☐	367	31.45	0	09:59 hrs	2.27	0.00	0.00	0.68	1.19	0.33	1.52	1.62	0.67
300	☐	368	16.08	0	09:53 hrs	2.27	0.00	0.00	0.80	1.22	0.23	1.45	0.71	0.64
301	☐	369	34.15	0	09:59 hrs	2.27	0.00	0.00	0.41	1.69	0.12	1.82	1.62	0.80
302	☐	37	16.07	0	09:53 hrs	2.06	0.00	0.00	0.70	1.12	0.21	1.33	0.72	0.65
303	☐	370	6.79	0	09:53 hrs	2.27	0.00	0.00	0.33	1.80	0.10	1.90	0.27	0.84
304	☐	371	43.52	0	09:59 hrs	2.27	0.00	0.00	0.26	1.86	0.08	1.94	2.31	0.85
305	☐	372	7.60	0	09:53 hrs	2.27	0.00	0.00	0.09	2.10	0.03	2.13	0.32	0.94
306	☐	373	16.33	0	09:53 hrs	2.27	0.00	0.00	0.83	1.17	0.25	1.41	0.74	0.62

EXISTING CONDITIONS 5-YR 24-HR SUBCATCHMENTS

		ID	Peak Runoff (cfs)	Peak Runoff Day Count (Elapsed Days)	Peak Runoff Time (hrs)	Total Precipitation (in)	Total Runon (in)	Total Evaporation (in)	Total Infiltration (in)	Impervious Runoff (in)	Pervious Runoff (in)	Total Runoff Depth (in)	Total Runoff Volume (MG)	Runoff Coefficient
307	☐	374	8.81	0	09:53 hrs	2.27	0.00	0.00	0.26	1.87	0.10	1.97	0.34	0.87
308	☐	375	11.89	0	09:53 hrs	2.06	0.00	0.00	0.56	1.26	0.21	1.47	0.48	0.71
309	☐	376	11.65	0	09:53 hrs	2.27	0.00	0.00	0.65	1.39	0.19	1.59	0.48	0.70
310	☐	377	3.47	0	09:53 hrs	2.27	0.00	0.00	0.23	1.94	0.07	2.02	0.12	0.89
311	☐	378	5.10	0	09:53 hrs	2.27	0.00	0.00	0.18	2.00	0.06	2.06	0.19	0.91
312	☐	379	17.58	0	09:53 hrs	2.27	0.00	0.00	0.66	1.39	0.19	1.58	0.76	0.70
313	☐	38	36.55	0	09:59 hrs	2.27	0.00	0.00	0.81	1.19	0.25	1.43	1.85	0.63
314	☐	380	13.87	0	09:53 hrs	2.27	0.00	0.00	0.52	1.56	0.16	1.72	0.57	0.76
315	☐	381	8.26	0	09:53 hrs	2.27	0.00	0.00	0.51	1.57	0.15	1.73	0.33	0.76
316	☐	382	3.85	0	09:53 hrs	2.27	0.00	0.00	0.81	1.32	0.12	1.44	0.13	0.64
317	☐	383	15.79	0	09:53 hrs	2.27	0.00	0.00	0.79	1.23	0.22	1.46	0.69	0.64
318	☐	384	18.03	0	09:53 hrs	2.27	0.00	0.00	0.68	1.36	0.20	1.56	0.80	0.69
319	☐	385	15.01	0	09:53 hrs	2.27	0.00	0.00	0.16	2.01	0.05	2.06	0.67	0.91
320	☐	386	17.28	0	09:53 hrs	2.27	0.00	0.00	0.82	1.19	0.23	1.42	0.73	0.63
321	☐	387	4.54	0	09:53 hrs	2.27	0.00	0.00	0.86	1.14	0.26	1.40	0.15	0.62
322	☐	388	6.12	0	09:53 hrs	2.27	0.00	0.00	0.69	1.25	0.32	1.56	0.22	0.69
323	☐	389	3.20	0	09:53 hrs	2.27	0.00	0.00	0.69	1.57	0.00	1.57	0.12	0.69
324	☐	39	12.60	0	09:53 hrs	2.27	0.00	0.00	0.81	1.21	0.23	1.44	0.53	0.63
325	☐	390	3.72	0	09:53 hrs	2.27	0.00	0.00	1.09	1.17	0.00	1.17	0.14	0.52
326	☐	391	7.93	0	09:53 hrs	2.27	0.00	0.00	0.74	1.28	0.22	1.51	0.31	0.66
327	☐	392	7.98	0	09:53 hrs	2.27	0.00	0.00	0.80	1.21	0.24	1.45	0.31	0.64
328	☐	393	8.97	0	09:53 hrs	2.27	0.00	0.00	0.77	1.25	0.23	1.48	0.35	0.65
329	☐	394	8.82	0	09:53 hrs	2.27	0.00	0.00	0.59	1.47	0.18	1.65	0.34	0.73
330	☐	395	9.99	0	09:53 hrs	2.27	0.00	0.00	0.89	1.11	0.25	1.36	0.43	0.60
331	☐	396	9.83	0	09:53 hrs	2.27	0.00	0.00	0.55	1.53	0.16	1.69	0.39	0.75
332	☐	397	21.55	0	09:53 hrs	2.27	0.00	0.00	0.83	1.18	0.23	1.41	1.00	0.62
333	☐	398	10.24	0	09:53 hrs	2.27	0.00	0.00	0.68	1.36	0.20	1.56	0.42	0.69
334	☐	399	19.82	0	09:53 hrs	2.27	0.00	0.00	0.35	1.77	0.11	1.87	0.89	0.83
335	☐	4	7.86	0	09:53 hrs	2.27	0.00	0.00	0.25	1.90	0.08	1.98	0.30	0.87
336	☐	40	12.68	0	09:53 hrs	2.27	0.00	0.00	0.85	1.15	0.24	1.39	0.57	0.61
337	☐	400	35.64	0	09:59 hrs	2.27	0.00	0.00	0.81	1.21	0.21	1.42	1.80	0.63
338	☐	401	8.66	0	09:53 hrs	2.27	0.00	0.00	0.63	1.42	0.19	1.61	0.34	0.71
339	☐	402	12.99	0	09:53 hrs	2.06	0.00	0.00	0.71	1.12	0.22	1.33	0.51	0.65
340	☐	403	7.68	0	09:53 hrs	2.06	0.00	0.00	0.54	1.20	0.27	1.47	0.32	0.71

EXISTING CONDITIONS 5-YR 24-HR SUBCATCHMENTS

		ID	Peak Runoff (cfs)	Peak Runoff Day Count (Elapsed Days)	Peak Runoff Time (hrs)	Total Precipitation (in)	Total Runon (in)	Total Evaporation (in)	Total Infiltration (in)	Impervious Runoff (in)	Pervious Runoff (in)	Total Runoff Depth (in)	Total Runoff Volume (MG)	Runoff Coefficient
341	☐	404	20.32	0	09:59 hrs	2.06	0.00	0.00	0.65	1.02	0.32	1.34	1.05	0.65
342	☐	405	13.55	0	09:53 hrs	2.06	0.00	0.00	0.57	1.15	0.28	1.43	0.62	0.69
343	☐	406	40.33	0	09:59 hrs	2.06	0.00	0.00	0.28	1.65	0.07	1.72	2.06	0.84
344	☐	407	18.55	0	09:53 hrs	2.27	0.00	0.00	0.85	1.16	0.24	1.40	0.82	0.61
345	☐	408	3.52	0	09:53 hrs	2.27	0.00	0.00	0.17	2.01	0.06	2.07	0.13	0.91
346	☐	409	2.85	0	09:53 hrs	2.27	0.00	0.00	0.22	1.95	0.07	2.02	0.10	0.89
347	☐	41	26.12	0	09:59 hrs	2.27	0.00	0.00	0.83	1.18	0.22	1.41	1.28	0.62
348	☐	410	17.33	0	09:53 hrs	2.27	0.00	0.00	0.75	1.48	0.00	1.48	0.75	0.65
349	☐	411	8.69	0	09:53 hrs	2.27	0.00	0.00	0.68	1.56	0.01	1.56	0.36	0.69
350	☐	412	8.12	0	09:53 hrs	2.27	0.00	0.00	0.84	1.40	0.00	1.40	0.33	0.62
351	☐	413	6.03	0	09:53 hrs	2.27	0.00	0.00	0.49	1.75	0.00	1.75	0.23	0.77
352	☐	414	16.82	0	09:53 hrs	2.27	0.00	0.00	0.73	1.30	0.21	1.51	0.73	0.66
353	☐	415	9.79	0	09:53 hrs	2.27	0.00	0.00	0.81	1.20	0.24	1.44	0.39	0.63
354	☐	416	16.77	0	09:53 hrs	2.27	0.00	0.00	0.68	1.37	0.20	1.56	0.73	0.69
355	☐	417	5.72	0	09:53 hrs	2.27	0.00	0.00	0.87	1.13	0.26	1.39	0.21	0.61
356	☐	418	12.04	0	09:53 hrs	2.27	0.00	0.00	0.49	1.59	0.15	1.74	0.52	0.77
357	☐	419	7.31	0	09:53 hrs	2.27	0.00	0.00	0.18	1.98	0.06	2.04	0.30	0.90
358	☐	42	17.40	0	09:53 hrs	2.27	0.00	0.00	0.46	1.76	0.01	1.77	0.73	0.78
359	☐	420	3.32	0	09:53 hrs	2.27	0.00	0.00	0.23	2.01	0.00	2.01	0.13	0.89
360	☐	421	29.81	0	09:59 hrs	2.27	0.00	0.00	1.03	0.96	0.24	1.21	1.66	0.53
361	☐	422	25.86	0	09:59 hrs	2.27	0.00	0.00	0.69	1.35	0.19	1.54	1.23	0.68
362	☐	423	2.41	0	09:53 hrs	2.06	0.00	0.00	0.48	1.29	0.25	1.53	0.09	0.75
363	☐	424	9.40	0	09:53 hrs	2.06	0.00	0.00	0.40	1.41	0.20	1.61	0.39	0.78
364	☐	425	22.62	0	09:59 hrs	2.06	0.00	0.00	0.52	1.22	0.26	1.48	1.12	0.72
365	☐	426	30.79	0	09:59 hrs	2.06	0.00	0.00	0.78	0.87	0.34	1.20	1.77	0.58
366	☐	427	7.87	0	09:53 hrs	2.06	0.00	0.00	0.78	0.84	0.39	1.23	0.31	0.60
367	☐	428	15.21	0	09:53 hrs	2.06	0.00	0.00	0.40	1.42	0.19	1.61	0.65	0.78
368	☐	429	26.02	0	09:59 hrs	2.06	0.00	0.00	0.55	1.34	0.13	1.47	1.23	0.71
369	☐	43	22.05	0	09:53 hrs	2.27	0.00	0.00	0.78	1.23	0.22	1.46	1.03	0.64
370	☐	430	6.31	0	09:53 hrs	2.06	0.00	0.00	0.80	1.05	0.19	1.24	0.26	0.60
371	☐	431	23.09	0	09:59 hrs	2.06	0.00	0.00	0.69	1.18	0.16	1.34	1.14	0.65
372	☐	432	20.49	0	09:53 hrs	2.06	0.00	0.00	0.77	1.08	0.18	1.26	0.97	0.61
373	☐	433	23.21	0	09:59 hrs	2.06	0.00	0.00	0.72	1.15	0.16	1.31	1.16	0.63
374	☐	434	26.35	0	09:59 hrs	2.06	0.00	0.00	0.51	1.38	0.12	1.51	1.25	0.73

EXISTING CONDITIONS 5-YR 24-HR SUBCATCHMENTS

		ID	Peak Runoff (cfs)	Peak Runoff Day Count (Elapsed Days)	Peak Runoff Time (hrs)	Total Precipitation (in)	Total Runon (in)	Total Evaporation (in)	Total Infiltration (in)	Impervious Runoff (in)	Pervious Runoff (in)	Total Runoff Depth (in)	Total Runoff Volume (MG)	Runoff Coefficient
375	☐	435	12.03	0	09:53 hrs	2.06	0.00	0.00	0.67	1.20	0.16	1.36	0.54	0.66
376	☐	436	9.34	0	09:53 hrs	2.06	0.00	0.00	0.41	1.40	0.21	1.61	0.35	0.78
377	☐	437	14.30	0	09:53 hrs	2.06	0.00	0.00	0.46	1.31	0.23	1.54	0.65	0.75
378	☐	438	27.71	0	09:59 hrs	2.06	0.00	0.00	0.32	1.52	0.16	1.68	1.34	0.82
379	☐	439	21.54	0	09:59 hrs	2.06	0.00	0.00	0.64	1.09	0.28	1.37	1.06	0.67
380	☐	44	28.73	0	09:59 hrs	2.27	0.00	0.00	0.83	1.18	0.22	1.40	1.42	0.62
381	☐	440	20.39	0	09:59 hrs	2.06	0.00	0.00	0.54	1.35	0.13	1.48	0.98	0.72
382	☐	441	4.40	0	09:53 hrs	2.06	0.00	0.00	0.68	1.29	0.07	1.36	0.16	0.66
383	☐	442	48.49	0	09:59 hrs	2.06	0.00	0.00	0.68	1.20	0.14	1.34	2.73	0.65
384	☐	443	1.99	0	09:53 hrs	2.06	0.00	0.00	0.55	1.34	0.15	1.49	0.07	0.72
385	☐	444	12.46	0	09:53 hrs	2.06	0.00	0.00	0.30	1.63	0.08	1.71	0.58	0.83
386	☐	445	16.93	0	09:59 hrs	2.06	0.00	0.00	0.78	1.08	0.17	1.25	0.84	0.61
387	☐	446	8.19	0	09:53 hrs	2.06	0.00	0.00	0.76	1.07	0.21	1.28	0.35	0.62
388	☐	447	11.27	0	09:53 hrs	2.27	0.00	0.00	0.80	1.22	0.23	1.45	0.46	0.64
389	☐	448	10.97	0	09:53 hrs	2.27	0.00	0.00	0.90	1.10	0.26	1.36	0.44	0.60
390	☐	449	11.64	0	09:53 hrs	2.27	0.00	0.00	0.18	1.99	0.05	2.04	0.51	0.90
391	☐	45	41.53	0	09:59 hrs	2.06	0.00	0.00	0.57	1.17	0.26	1.43	2.16	0.69
392	☐	450	6.57	0	09:53 hrs	2.27	0.00	0.00	0.59	1.47	0.18	1.65	0.25	0.73
393	☐	451	5.59	0	09:53 hrs	2.27	0.00	0.00	0.87	1.13	0.26	1.39	0.20	0.61
394	☐	452	11.96	0	09:53 hrs	2.06	0.00	0.00	0.41	1.43	0.18	1.61	0.50	0.78
395	☐	453	43.39	0	09:59 hrs	2.27	0.00	0.00	0.59	1.38	0.24	1.62	2.36	0.72
396	☐	454	45.02	0	09:59 hrs	2.06	0.00	0.00	0.74	1.00	0.28	1.28	2.42	0.62
397	☐	455	4.84	0	09:53 hrs	2.06	0.00	0.00	0.35	1.56	0.12	1.68	0.18	0.82
398	☐	456	30.14	0	09:59 hrs	2.27	0.00	0.00	0.86	1.15	0.22	1.37	1.54	0.61
399	☐	457	12.68	0	09:53 hrs	2.06	0.00	0.00	0.34	1.54	0.14	1.68	0.51	0.82
400	☐	458	15.36	0	09:53 hrs	2.06	0.00	0.00	0.54	1.31	0.17	1.48	0.70	0.72
401	☐	459	21.28	0	09:59 hrs	2.27	0.00	0.00	0.60	1.46	0.17	1.63	1.00	0.72
402	☐	46	15.37	0	09:53 hrs	2.06	0.00	0.00	0.36	1.47	0.18	1.66	0.60	0.80
403	☐	460	7.37	0	09:53 hrs	2.06	0.00	0.00	0.20	1.76	0.05	1.82	0.29	0.88
404	☐	461	29.12	0	09:59 hrs	2.06	0.00	0.00	0.24	1.70	0.06	1.76	1.54	0.85
405	☐	462	40.75	0	09:59 hrs	2.06	0.00	0.00	0.19	1.75	0.05	1.80	2.21	0.87
406	☐	463	17.04	0	09:53 hrs	2.27	0.00	0.00	0.28	1.85	0.09	1.94	0.77	0.85
407	☐	464	3.65	0	09:53 hrs	2.06	0.00	0.00	0.57	1.32	0.15	1.47	0.13	0.71
408	☐	465	6.35	0	09:53 hrs	2.06	0.00	0.00	0.87	0.96	0.21	1.17	0.26	0.57

EXISTING CONDITIONS 5-YR 24-HR SUBCATCHMENTS

		ID	Peak Runoff (cfs)	Peak Runoff Day Count (Elapsed Days)	Peak Runoff Time (hrs)	Total Precipitation (in)	Total Runon (in)	Total Evaporation (in)	Total Infiltration (in)	Impervious Runoff (in)	Pervious Runoff (in)	Total Runoff Depth (in)	Total Runoff Volume (MG)	Runoff Coefficient
409	☐	466	1.74	0	09:53 hrs	2.06	0.00	0.00	1.12	0.66	0.28	0.94	0.07	0.46
410	☐	467	15.87	0	09:53 hrs	2.06	0.00	0.00	0.50	1.39	0.13	1.52	0.73	0.74
411	☐	468	4.21	0	09:53 hrs	2.27	0.00	0.00	0.66	1.58	0.00	1.58	0.17	0.70
412	☐	469	16.11	0	09:53 hrs	2.27	0.00	0.00	0.71	1.53	0.00	1.53	0.69	0.67
413	☐	47	15.74	0	09:53 hrs	2.06	0.00	0.00	0.28	1.59	0.14	1.73	0.70	0.84
414	☐	470	5.29	0	09:53 hrs	2.06	0.00	0.00	0.64	1.23	0.16	1.40	0.21	0.68
415	☐	471	1.76	0	09:53 hrs	2.27	0.00	0.00	0.44	1.69	0.14	1.83	0.05	0.81
416	☐	472	1.66	0	09:53 hrs	2.27	0.00	0.00	0.43	1.70	0.14	1.84	0.05	0.81
417	☐	473	1.70	0	09:53 hrs	2.27	0.00	0.00	0.17	2.01	0.06	2.07	0.06	0.91
418	☐	474	7.89	0	09:53 hrs	2.27	0.00	0.00	0.67	1.57	0.00	1.57	0.32	0.69
419	☐	475	128.56	0	09:59 hrs	2.27	0.00	0.00	1.04	0.96	0.23	1.19	8.58	0.52
420	☐	476	112.80	0	09:59 hrs	2.27	0.00	0.00	1.10	0.88	0.27	1.14	6.88	0.50
421	☐	477	33.77	0	09:59 hrs	2.06	0.00	0.00	0.98	0.89	0.16	1.05	2.11	0.51
422	☐	478	29.14	0	09:53 hrs	2.27	0.00	0.00	0.38	1.60	0.23	1.83	1.30	0.81
423	☐	479	19.94	0	09:59 hrs	2.27	0.00	0.00	1.03	0.97	0.25	1.22	1.06	0.54
424	☐	48	30.26	0	09:59 hrs	2.06	0.00	0.00	0.46	1.35	0.20	1.55	1.44	0.75
425	☐	480	9.99	0	09:53 hrs	2.27	0.00	0.00	0.90	1.10	0.25	1.35	0.46	0.59
426	☐	481	11.16	0	09:53 hrs	2.27	0.00	0.00	1.56	0.34	0.37	0.70	0.66	0.31
427	☐	489	62.50	0	09:59 hrs	2.27	0.00	0.00	1.04	0.98	0.22	1.20	3.86	0.53
428	☐	49	13.75	0	09:53 hrs	2.06	0.00	0.00	0.14	1.83	0.04	1.87	0.59	0.91
429	☐	490	12.71	0	09:59 hrs	2.27	0.00	0.00	1.01	0.97	0.26	1.23	0.63	0.54
430	☐	491	13.00	0	09:59 hrs	2.27	0.00	0.00	1.02	0.97	0.26	1.23	0.66	0.54
431	☐	492	1.61	0	09:53 hrs	2.27	0.00	0.00	0.99	0.98	0.29	1.26	0.06	0.56
432	☐	493	15.32	0	09:59 hrs	2.27	0.00	0.00	1.02	0.97	0.26	1.23	0.77	0.54
433	☐	494	88.46	0	09:59 hrs	2.27	0.00	0.00	1.06	0.96	0.22	1.18	5.54	0.52
434	☐	496	21.03	0	09:59 hrs	2.06	0.00	0.00	0.96	0.90	0.18	1.07	1.20	0.52
435	☐	5	11.39	0	09:53 hrs	2.27	0.00	0.00	0.69	1.35	0.20	1.55	0.49	0.68
436	☐	50	15.45	0	09:53 hrs	2.06	0.00	0.00	0.51	1.39	0.13	1.52	0.65	0.74
437	☐	51	16.69	0	09:53 hrs	2.06	0.00	0.00	0.44	1.47	0.11	1.58	0.70	0.77
438	☐	52	30.24	0	09:59 hrs	2.06	0.00	0.00	0.58	1.29	0.16	1.44	1.48	0.70
439	☐	53	27.08	0	09:59 hrs	2.06	0.00	0.00	0.45	1.41	0.16	1.57	1.35	0.76
440	☐	54	26.05	0	09:59 hrs	2.06	0.00	0.00	0.27	1.67	0.07	1.74	1.27	0.84
441	☐	55	30.80	0	09:59 hrs	2.06	0.00	0.00	0.33	1.60	0.08	1.68	1.54	0.82
442	☐	56	26.85	0	09:59 hrs	2.06	0.00	0.00	0.34	1.58	0.09	1.67	1.33	0.81

EXISTING CONDITIONS 5-YR 24-HR SUBCATCHMENTS

		ID	Peak Runoff (cfs)	Peak Runoff Day Count (Elapsed Days)	Peak Runoff Time (hrs)	Total Precipitation (in)	Total Runon (in)	Total Evaporation (in)	Total Infiltration (in)	Impervious Runoff (in)	Pervious Runoff (in)	Total Runoff Depth (in)	Total Runoff Volume (MG)	Runoff Coefficient
443	☐	57	17.96	0	09:53 hrs	2.06	0.00	0.00	0.45	1.46	0.11	1.57	0.83	0.76
444	☐	58	17.84	0	09:53 hrs	2.06	0.00	0.00	0.67	1.15	0.21	1.36	0.83	0.66
445	☐	59	19.04	0	09:53 hrs	2.06	0.00	0.00	0.49	1.29	0.23	1.52	0.89	0.74
446	☐	6	5.02	0	09:53 hrs	2.27	0.00	0.00	0.51	1.73	0.01	1.73	0.19	0.76
447	☐	60	4.32	0	09:53 hrs	2.06	0.00	0.00	0.53	1.37	0.14	1.51	0.15	0.73
448	☐	61	22.49	0	09:59 hrs	2.06	0.00	0.00	0.42	1.38	0.20	1.58	1.08	0.77
449	☐	62	12.62	0	09:53 hrs	2.06	0.00	0.00	0.47	1.29	0.24	1.53	0.58	0.74
450	☐	63	24.01	0	09:59 hrs	2.06	0.00	0.00	0.67	1.07	0.27	1.34	1.21	0.65
451	☐	64	26.74	0	09:53 hrs	2.06	0.00	0.00	0.75	1.09	0.20	1.29	1.12	0.63
452	☐	65	19.76	0	09:53 hrs	2.06	0.00	0.00	1.05	0.71	0.29	1.00	0.84	0.49
453	☐	66	10.96	0	09:53 hrs	2.06	0.00	0.00	0.64	1.15	0.25	1.40	0.42	0.68
454	☐	67	20.28	0	09:53 hrs	2.06	0.00	0.00	0.76	1.02	0.27	1.28	0.81	0.62
455	☐	68	22.56	0	09:53 hrs	2.06	0.00	0.00	0.98	0.82	0.25	1.07	0.92	0.52
456	☐	69	29.84	0	09:59 hrs	2.06	0.00	0.00	0.53	1.26	0.23	1.49	1.44	0.72
457	☐	7	3.42	0	09:53 hrs	2.27	0.00	0.00	0.17	2.01	0.05	2.07	0.13	0.91
458	☐	70	14.04	0	09:53 hrs	2.06	0.00	0.00	0.40	1.41	0.20	1.60	0.64	0.78
459	☐	71	26.19	0	09:59 hrs	2.27	0.00	0.00	0.57	1.28	0.34	1.62	1.34	0.71
460	☐	72	29.37	0	09:59 hrs	2.27	0.00	0.00	0.62	1.20	0.36	1.57	1.54	0.69
461	☐	73	3.49	0	09:53 hrs	2.06	0.00	0.00	0.56	1.18	0.28	1.46	0.13	0.71
462	☐	74	8.07	0	09:53 hrs	2.06	0.00	0.00	0.66	1.01	0.33	1.34	0.36	0.65
463	☐	75	27.16	0	09:59 hrs	2.27	0.00	0.00	0.61	1.21	0.36	1.57	1.39	0.69
464	☐	76	7.40	0	09:53 hrs	2.06	0.00	0.00	0.59	1.12	0.30	1.42	0.30	0.69
465	☐	77	37.95	0	09:59 hrs	2.06	0.00	0.00	0.25	1.68	0.06	1.75	1.94	0.85
466	☐	78	16.44	0	09:53 hrs	2.06	0.00	0.00	0.08	1.90	0.02	1.92	0.81	0.93
467	☐	79	16.90	0	09:53 hrs	2.06	0.00	0.00	0.52	1.38	0.13	1.51	0.74	0.73
468	☐	8	182.92	0	09:59 hrs	2.27	0.00	0.00	1.10	0.95	0.17	1.12	14.49	0.49
469	☐	80	26.65	0	09:59 hrs	2.06	0.00	0.00	0.27	1.67	0.07	1.74	1.30	0.84
470	☐	81	27.27	0	09:59 hrs	2.06	0.00	0.00	0.29	1.65	0.07	1.72	1.31	0.84
471	☐	82	45.28	0	09:59 hrs	2.06	0.00	0.00	0.26	1.65	0.08	1.74	2.42	0.84
472	☐	83	55.41	0	09:59 hrs	2.06	0.00	0.00	0.60	1.28	0.13	1.42	3.17	0.69
473	☐	84	39.50	0	09:59 hrs	2.06	0.00	0.00	0.49	1.41	0.11	1.53	2.03	0.74
474	☐	85	36.79	0	09:59 hrs	2.06	0.00	0.00	0.38	1.53	0.09	1.62	2.01	0.79
475	☐	86	38.62	0	09:59 hrs	2.06	0.00	0.00	0.14	1.79	0.06	1.85	2.11	0.90
476	☐	87	52.40	0	09:59 hrs	2.06	0.00	0.00	0.14	1.80	0.04	1.84	3.08	0.89

EXISTING CONDITIONS 5-YR 24-HR SUBCATCHMENTS

		ID	Peak Runoff (cfs)	Peak Runoff Day Count (Elapsed Days)	Peak Runoff Time (hrs)	Total Precipitation (in)	Total Runon (in)	Total Evaporation (in)	Total Infiltration (in)	Impervious Runoff (in)	Pervious Runoff (in)	Total Runoff Depth (in)	Total Runoff Volume (MG)	Runoff Coefficient
477	☐	88	26.68	0	09:59 hrs	2.06	0.00	0.00	0.22	1.66	0.11	1.77	1.34	0.86
478	☐	89	50.47	0	09:59 hrs	2.06	0.00	0.00	0.24	1.62	0.12	1.74	2.77	0.84
479	☐	9	6.60	0	09:53 hrs	2.27	0.00	0.00	0.19	1.99	0.06	2.05	0.25	0.90
480	☐	90	67.10	0	09:59 hrs	2.06	0.00	0.00	0.10	1.83	0.05	1.88	3.82	0.91
481	☐	91	42.51	0	09:59 hrs	2.06	0.00	0.00	0.24	1.64	0.12	1.76	2.15	0.85
482	☐	92	16.38	0	09:53 hrs	2.06	0.00	0.00	0.11	1.83	0.06	1.89	0.78	0.92
483	☐	93	37.26	0	09:59 hrs	2.06	0.00	0.00	0.23	1.71	0.06	1.77	1.89	0.86
484	☐	94	1.51	0	09:53 hrs	2.06	0.00	0.00	0.13	1.83	0.07	1.90	0.05	0.92
485	☐	95	2.07	0	09:53 hrs	2.06	0.00	0.00	0.15	1.82	0.06	1.89	0.07	0.92
486	☐	96	33.30	0	09:59 hrs	2.06	0.00	0.00	0.73	1.14	0.15	1.29	1.77	0.63
487	☐	97	14.97	0	09:53 hrs	2.06	0.00	0.00	0.80	1.05	0.18	1.24	0.70	0.60
488	☐	98	2.28	0	09:53 hrs	2.06	0.00	0.00	0.16	1.82	0.05	1.87	0.08	0.91
489	☐	99	14.25	0	09:53 hrs	2.06	0.00	0.00	0.71	1.16	0.17	1.32	0.66	0.64

EXISTING CONDITIONS 5-YR 24-HR JUNCTIONS

		ID	Maximum Depth (ft)	Maximum HGL (ft)	Maximum HGL Head Class	Freeboard (ft)	Max.Depth Day-Time (day-time)	Maximum Lateral Inflow (cfs)	Maximum Total Inflow (cfs)	Lateral Inflow Volume (MG)	Total Inflow Volume (MG)	Flow Volume Difference (MG)	Total Surcharge Time (hrs)	Max.Surchar ge Height Above Crown	Min.Surchar ge Depth Below Rim (ft)	Total Flood Volume (MG)	Total Flood Time (hrs)	Maximum Flood Rate (cfs)	Max.Flood Day-Time (day-time)
1	☐	AC3_OTL	0.72	82.11	low Link Cro	1.03	0 - 17:21 hrs	0.00	5.51	0.00	2.44	86.26	0.00	0.00	0.00	0.00	0.00	0.00	0 - 00:00 hrs
2	☐	CP_OV_OTL_1	7.38	42.56	low Link Cro	-5.38	0 - 12:19 hrs	0.00	58.24	0.00	19.78	1,042.09	0.00	0.00	0.00	0.00	0.00	0.00	0 - 00:00 hrs
3	☐	ELD_OTL	14.16	111.58	Surcharged	-10.66	0 - 10:41 hrs	0.00	53.74	0.00	2.47	25,184.09	13.71	10.66	0.00	0.00	0.00	0.00	0 - 00:00 hrs
4	☐	ID_1	8.40	43.98	Surcharged	0.00	0 - 09:56 hrs	16.49	37.41	0.78	2.74	709.80	10.66	5.50	0.00	0.00	0.00	5.76	0 - 09:56 hrs
5	☐	ID_10	7.11	35.41	Surcharged	-2.91	0 - 12:49 hrs	0.00	8.79	0.00	4.62	554.26	44.95	5.11	0.00	0.00	0.00	0.00	0 - 00:00 hrs
6	☐	ID_11	11.07	51.00	w Maximum D	0.00	0 - 00:00 hrs	0.00	145.39	0.00	3.36	2,660.65	0.01	6.07	0.00	0.00	0.00	124.92	0 - 00:00 hrs
7	☐	ID_12	12.63	98.50	w Maximum D	0.00	0 - 09:59 hrs	0.00	64.18	0.00	3.48	5.90	0.32	8.95	0.00	0.00	0.00	9.19	0 - 09:59 hrs
8	☐	ID_13	3.93	36.69	low Link Cro	4.31	0 - 00:01 hrs	0.00	213.49	0.00	29.21	4,295.91	0.00	0.00	0.00	0.00	0.00	0.00	0 - 00:00 hrs
9	☐	ID_14	4.28	51.92	low Link Cro	5.92	0 - 10:11 hrs	0.00	411.28	0.00	49.32	921.48	0.00	0.00	0.00	0.00	0.00	0.00	0 - 00:00 hrs
10	☐	ID_2	15.01	82.68	Surcharged	0.00	0 - 09:56 hrs	0.00	166.13	0.00	12.19	114.48	2.58	10.51	0.00	0.00	0.00	21.47	0 - 09:56 hrs
11	☐	ID_3	5.37	84.29	Surcharged	0.00	0 - 09:52 hrs	0.00	23.34	0.00	1.84	143.67	1.25	3.12	0.00	0.03	0.30	7.95	0 - 09:52 hrs
12	☐	ID_4	11.91	41.77	Surcharged	-9.27	0 - 12:45 hrs	0.00	9.52	0.00	4.66	430.53	33.16	5.41	0.00	0.00	0.00	0.00	0 - 00:00 hrs
13	☐	ID_5	11.35	41.00	Surcharged	-8.50	0 - 13:07 hrs	0.00	8.82	0.00	4.65	650.48	45.27	9.35	0.00	0.00	0.00	0.00	0 - 00:00 hrs
14	☐	ID_6	10.83	40.26	Surcharged	-7.76	0 - 17:51 hrs	0.00	8.81	0.00	4.65	668.93	45.24	8.83	0.00	0.00	0.00	0.00	0 - 00:00 hrs
15	☐	ID_7	10.21	39.39	Surcharged	-6.89	0 - 12:23 hrs	0.00	8.78	0.00	4.64	1,372.15	45.18	8.21	0.00	0.00	0.00	0.00	0 - 00:00 hrs
16	☐	ID_8	8.67	37.25	Surcharged	-4.75	0 - 12:22 hrs	0.00	8.78	0.00	4.63	791.34	45.00	6.67	0.00	0.00	0.00	0.00	0 - 00:00 hrs
17	☐	ID_9	8.09	36.44	Surcharged	-3.94	0 - 12:42 hrs	0.00	8.78	0.00	4.63	607.63	44.95	6.09	0.00	0.00	0.00	0.00	0 - 00:00 hrs
18	☐	JCT_12	2.70	98.70	low Link Cro	1.80	0 - 10:03 hrs	0.00	55.11	0.00	1.25	-22.79	0.00	0.00	0.00	0.00	0.00	0.00	0 - 00:00 hrs
19	☐	JCT_14	14.38	90.24	Surcharged	-6.38	0 - 10:04 hrs	0.00	13.04	0.00	1.61	54,501.26	27.84	6.38	0.00	0.00	0.00	0.00	0 - 00:00 hrs
20	☐	JCT_CL512	2.27	53.81	low Link Cro	54.27	0 - 10:04 hrs	40.04	222.17	1.64	15.64	3,228.08	0.00	0.00	0.00	0.00	0.00	0.00	0 - 00:00 hrs
21	☐	MB_OTL	6.87	98.73	Surcharged	-4.87	0 - 10:15 hrs	0.00	39.90	0.00	6.51	-1,247.49	1.42	1.01	0.00	0.00	0.00	0.00	0 - 00:00 hrs
22	☐	MKP_OTL	5.42	97.81	Surcharged	-3.92	0 - 10:14 hrs	0.00	17.69	0.00	1.06	-25.62	5.31	2.55	0.00	0.00	0.00	0.00	0 - 00:00 hrs
23	☐	MONTEBELLA_DITCH_OVF	10.30	100.13	w Maximum D	0.00	0 - 09:55 hrs	0.00	73.66	0.00	0.41	0.00	2.04	5.80	0.00	0.39	0.38	73.66	0 - 10:03 hrs
24	☐	MONTEBELLA_DITCH_OVF2	9.20	98.18	w Maximum D	0.00	0 - 09:55 hrs	0.00	44.43	0.00	0.48	0.00	2.36	6.05	0.00	0.46	0.62	44.43	0 - 10:19 hrs
25	☐	MS_200_221	3.02	50.18	low Link Cro	7.36	0 - 10:04 hrs	55.16	233.52	2.45	18.08	1,461.25	0.00	0.00	0.00	0.00	0.00	0.00	0 - 00:00 hrs
26	☐	SWCB-D3-010	4.01	86.03	w Maximum D	4.41	0 - 20:09 hrs	0.00	21.31	0.00	0.98	0.00	27.91	1.76	4.41	0.00	0.00	0.00	0 - 00:00 hrs
27	☐	SWCB-E3-003	3.80	86.05	w Maximum D	3.10	0 - 15:03 hrs	4.88	4.88	0.19	0.19	0.00	27.53	1.80	3.10	0.00	0.00	0.00	0 - 00:00 hrs
28	☐	SWCB-E3-005	3.70	86.08	w Maximum D	1.52	0 - 16:17 hrs	0.00	1.88	0.00	0.06	481.08	27.37	1.70	1.52	0.00	0.00	0.00	0 - 00:00 hrs
29	☐	SWCB-E3-007	4.01	86.08	w Maximum D	1.59	0 - 17:02 hrs	0.00	7.23	0.00	0.30	233.25	27.70	2.01	1.59	0.00	0.00	0.00	0 - 00:00 hrs
30	☐	SWCB-E3-008	3.70	86.04	w Maximum D	1.10	0 - 18:34 hrs	7.31	7.31	0.30	0.30	0.00	27.44	1.69	1.10	0.00	0.00	0.00	0 - 00:00 hrs
31	☐	SWCB-E4-009	2.79	97.01	low Link Cro	5.61	0 - 10:08 hrs	0.00	17.95	0.00	2.23	122.33	0.00	0.00	0.00	0.00	0.00	0.00	0 - 00:00 hrs
32	☐	SWCB-E4-010	6.45	99.52	w Maximum D	0.00	0 - 10:03 hrs	0.00	25.73	0.00	2.79	161.26	0.67	3.45	0.00	0.00	0.00	0.45	0 - 10:04 hrs
33	☐	SWCB-E4-025	7.08	98.46	Surcharged	0.00	0 - 09:59 hrs	0.00	40.63	0.00	3.54	0.70	1.08	4.08	0.00	0.00	0.00	12.20	0 - 09:59 hrs
34	☐	SWCB-F4-009	7.00	94.48	Surcharged	0.00	0 - 09:56 hrs	0.00	33.37	0.00	3.54	12.98	1.65	3.95	0.00	0.01	0.24	16.21	0 - 09:56 hrs
35	☐	SWCB-F4-034	7.05	94.40	Surcharged	0.00	0 - 09:56 hrs	0.00	36.43	0.00	3.54	13.15	1.71	4.05	0.00	0.05	0.26	11.53	0 - 10:07 hrs
36	☐	SWCB-G6-027	9.01	101.08	w Maximum D	0.49	0 - 09:55 hrs	0.00	27.59	0.00	1.71	324.25	1.23	6.51	0.49	0.00	0.00	0.00	0 - 00:00 hrs
37	☐	SWCB-G6-037	1.43	101.68	low Link Cro	2.67	0 - 09:59 hrs	17.07	17.07	0.76	0.76	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0 - 00:00 hrs
38	☐	SWCB-G6-056	8.45	95.46	Surcharged	0.00	0 - 09:56 hrs	0.00	30.67	0.00	2.03	177.38	0.89	5.95	0.00	0.00	0.00	0.81	0 - 09:56 hrs
39	☐	SWCB-G6-065	8.20	100.61	w Maximum D	1.60	0 - 09:55 hrs	0.00	27.60	0.00	1.71	0.00	0.86	5.70	1.60	0.00	0.00	0.00	0 - 00:00 hrs
40	☐	SWCB-H4-019	0.64	73.04	low Link Cro	3.41	0 - 09:59 hrs	6.52	6.52	0.25	0.25	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0 - 00:00 hrs
41	☐	SWCB-H4-021	1.04	70.68	low Link Cro	4.81	0 - 09:59 hrs	0.00	6.47	0.00	0.25	23.73	0.00	0.00	0.00	0.00	0.00	0.00	0 - 00:00 hrs
42	☐	SWCB-H5-002	5.80	87.33	Surcharged	0.00	0 - 09:51 hrs	26.12	26.12	1.27	1.27	0.00	1.51	3.80	0.00	0.13	0.43	19.43	0 - 10:03 hrs
43	☐	SWCB-H5-003	6.10	87.50	Surcharged	0.00	0 - 09:55 hrs	0.00	16.60	0.00	1.14	64.48	1.59	4.10	0.00	0.00	0.00	0.02	0 - 09:55 hrs
44	☐	SWCB-H5-007	5.77	86.51	w Maximum D	0.03	0 - 09:55 hrs	0.00	23.16	0.00	1.40	6.81	0.96	3.52	0.03	0.00	0.00	0.00	0 - 00:00 hrs
45	☐	SWCB-H5-009	6.76	88.26	w Maximum D	0.14	0 - 10:02 hrs	0.00	23.16	0.00	1.40	68.56	1.03	4.76	0.14	0.00	0.00	0.00	0 - 00:00 hrs
46	☐	SWCB-H5-010	6.50	88.48	Surcharged	0.00	0 - 09:55 hrs	28.73	28.73	1.41	1.41	0.00	0.94	4.50	0.00	0.02	0.20	5.58	0 - 10:03 hrs
47	☐	SWCB-H6-011	11.70	96.85	w Maximum D	0.00	0 - 09:56 hrs	21.86	48.23	1.01	3.04	280.63	0.81	9.20	0.00	0.00	0.00	0.80	0 - 09:56 hrs
48	☐	SWCB-H6-013	1.37	80.48	low Link Cro	12.58	0 - 09:59 hrs	0.00	48.31	0.00	3.04	128.09	0.00	0.00	0.00	0.00	0.00	0.00	0 - 00:00 hrs
49	☐	SWCB-H7-067	2.14	63.47	low Link Cro	5.51	0 - 10:03 hrs	0.00	54.75	0.00	2.50	579.76	0.00	0.00	0.00	0.00	0.00	0.00	0 - 00:00 hrs

EXISTING CONDITIONS 5-YR 24-HR JUNCTIONS

		ID	Maximum Depth (ft)	Maximum HGL (ft)	Maximum HGL Head Class	Freeboard (ft)	Max.Depth Day-Time (day-time)	Maximum Lateral Inflow (cfs)	Maximum Total Inflow (cfs)	Lateral Inflow Volume (MG)	Total Inflow Volume (MG)	Flow Volume Difference (MG)	Total Surcharge Time (hrs)	Max.Surchar ge Height Above Crown	Min.Surchar ge Depth Below Rim (ft)	Total Flood Volume (MG)	Total Flood Time (hrs)	Maximum Flood Rate (cfs)	Max.Flood Day-Time (day-time)
50	☐	SWCB-H7-099	2.38	67.17	low Link Cro	6.72	0 - 10:04 hrs	0.00	33.32	0.00	1.77	531.96	0.00	0.00	0.00	0.00	0.00	0.00	0 - 00:00 hrs
51	☐	SWCB-H7-115	0.70	58.89	low Link Cro	6.40	0 - 09:59 hrs	0.00	12.02	0.00	0.50	22.07	0.00	0.00	0.00	0.00	0.00	0.00	0 - 00:00 hrs
52	☐	SWCB-I8-070	0.93	96.39	low Link Cro	9.37	0 - 09:59 hrs	0.00	11.57	0.00	0.48	24.60	0.00	0.00	0.00	0.00	0.00	0.00	0 - 00:00 hrs
53	☐	SWCB-J2-017	5.02	40.37	w Maximum	0.38	0 - 09:55 hrs	0.00	16.41	0.00	0.84	0.00	39.77	3.02	0.38	0.00	0.00	0.00	0 - 00:00 hrs
54	☐	SWCB-J4-002	6.25	39.21	w Maximum	2.48	0 - 10:04 hrs	0.00	212.25	0.00	10.88	5,060.40	0.13	0.75	2.48	0.00	0.00	0.00	0 - 00:00 hrs
55	☐	SWCB-J4-003	1.08	52.39	low Link Cro	10.24	0 - 10:03 hrs	30.26	30.26	1.43	1.43	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0 - 00:00 hrs
56	☐	SWCB-J8-026	1.35	99.84	low Link Cro	5.95	0 - 10:04 hrs	0.00	15.21	0.00	0.68	26.15	0.00	0.00	0.00	0.00	0.00	0.00	0 - 00:00 hrs
57	☐	SWCB-J8-027	1.36	100.59	low Link Cro	5.54	0 - 10:04 hrs	0.00	15.26	0.00	0.68	39.91	0.00	0.00	0.00	0.00	0.00	0.00	0 - 00:00 hrs
58	☐	SWCB-J8-043	4.40	102.58	Surcharged	0.00	0 - 09:45 hrs	0.00	28.36	0.00	4.34	172.17	3.17	1.90	0.00	0.00	0.39	1.55	0 - 09:45 hrs
59	☐	SWCB-K6-019	0.76	63.98	low Link Cro	7.66	0 - 09:59 hrs	0.00	21.47	0.00	1.06	13.68	0.00	0.00	0.00	0.00	0.00	0.00	0 - 00:00 hrs
60	☐	SWCB-K7-003	5.55	90.92	w Maximum	0.00	0 - 09:56 hrs	0.00	28.35	0.00	2.99	224.76	0.60	2.80	0.00	0.00	0.00	8.53	0 - 09:56 hrs
61	☐	SWCB-K7-004	5.88	90.40	w Maximum	0.34	0 - 10:00 hrs	0.00	70.37	0.00	5.89	295.90	0.61	2.38	0.34	0.00	0.00	0.00	0 - 00:00 hrs
62	☐	SWCB-K7-005	5.40	89.18	Surcharged	0.00	0 - 10:00 hrs	0.00	69.72	0.00	5.89	123.31	0.33	1.90	0.00	0.00	0.00	3.43	0 - 10:00 hrs
63	☐	SWCB-K7-031	5.22	89.24	w Maximum	0.00	0 - 10:00 hrs	0.00	70.41	0.00	5.89	136.38	0.26	1.72	0.00	0.00	0.00	3.13	0 - 10:00 hrs
64	☐	SWCB-K7-032	4.62	86.89	w Maximum	1.18	0 - 10:00 hrs	0.00	66.95	0.00	5.88	182.79	0.26	0.87	1.18	0.00	0.00	0.00	0 - 00:00 hrs
65	☐	SWCB-K7-033	4.57	86.86	w Maximum	1.33	0 - 10:00 hrs	0.00	66.48	0.00	5.89	241.32	0.33	0.82	1.33	0.00	0.00	0.00	0 - 00:00 hrs
66	☐	SWCB-K7-036	8.48	70.38	w Maximum	0.00	0 - 10:00 hrs	0.00	65.90	0.00	5.39	101.32	0.53	5.48	0.00	0.02	0.10	7.93	0 - 10:04 hrs
67	☐	SWCB-K7-037	8.84	67.87	Surcharged	0.00	0 - 10:00 hrs	0.00	63.31	0.00	5.37	238.90	0.62	5.84	0.00	0.00	0.05	0.58	0 - 10:03 hrs
68	☐	SWCB-L2-009	7.67	43.69	w Maximum	3.18	0 - 09:52 hrs	0.00	28.00	0.00	2.09	4,517.50	1.91	4.17	3.18	0.00	0.00	0.00	0 - 00:00 hrs
69	☐	SWCB-L2-010	8.05	43.31	w Maximum	2.45	0 - 09:52 hrs	0.00	28.02	0.00	2.13	3,053.57	4.81	4.55	2.45	0.00	0.00	0.00	0 - 00:00 hrs
70	☐	SWCB-L4-089	6.70	48.09	w Maximum	0.00	0 - 09:49 hrs	13.75	50.80	0.58	4.47	720.79	2.31	3.20	0.00	0.00	0.07	1.03	0 - 09:59 hrs
71	☐	SWCB-L5-015	5.95	47.47	w Maximum	0.40	0 - 09:55 hrs	0.00	60.89	0.00	4.38	1,550.26	1.27	2.45	0.40	0.00	0.00	0.00	0 - 00:00 hrs
72	☐	SWCB-L5-021	6.75	53.41	Surcharged	0.00	0 - 09:56 hrs	0.00	45.75	0.00	2.77	131.08	0.66	3.75	0.00	0.00	0.00	13.05	0 - 09:56 hrs
73	☐	SWCB-L6-018	4.52	74.70	w Maximum	0.00	0 - 10:02 hrs	24.01	68.82	1.20	5.01	370.13	0.23	1.52	0.00	0.00	0.00	3.17	0 - 10:02 hrs
74	☐	SWCB-L8-032	8.61	95.89	Surcharged	0.00	0 - 09:59 hrs	0.00	40.51	0.00	1.69	-267.38	1.63	4.61	0.00	0.00	0.00	30.05	0 - 09:59 hrs
75	☐	SWCB-M2-018	6.15	41.63	Surcharged	0.00	0 - 09:55 hrs	0.00	35.66	0.00	4.58	1,156.41	7.11	2.65	0.00	0.00	0.00	16.56	0 - 09:55 hrs
76	☐	SWCB-M2-019	6.30	41.29	Surcharged	0.00	0 - 09:55 hrs	0.00	33.95	0.00	4.57	1,135.30	10.47	2.80	0.00	0.00	0.01	1.80	0 - 09:55 hrs
77	☐	SWCB-M2-023	6.15	41.10	w Maximum	0.00	0 - 09:55 hrs	0.00	33.96	0.00	4.56	685.53	10.74	2.65	0.00	0.00	0.00	0.78	0 - 09:55 hrs
78	☐	SWCB-M2-025	6.00	40.78	Surcharged	0.00	0 - 09:55 hrs	20.49	54.43	0.99	5.55	1,881.96	12.25	2.50	0.00	0.10	0.43	15.95	0 - 10:03 hrs
79	☐	SWCB-M2-027	6.35	40.23	w Maximum	0.20	0 - 10:03 hrs	0.00	42.71	0.00	5.43	3,970.89	20.66	2.85	0.20	0.00	0.00	0.00	0 - 00:00 hrs
80	☐	SWCB-M2-046	6.72	42.87	w Maximum	0.00	0 - 09:55 hrs	0.00	26.45	0.00	2.31	422.31	7.75	3.97	0.00	0.00	0.14	1.77	0 - 09:56 hrs
81	☐	SWCB-M2-050	5.10	44.01	w Maximum	0.00	0 - 09:49 hrs	12.46	22.82	0.57	2.47	-321.92	4.83	3.10	0.00	0.14	1.24	12.08	0 - 09:59 hrs
82	☐	SWCB-M3-038	6.07	51.94	w Maximum	0.18	0 - 09:48 hrs	0.00	0.38	0.00	0.00	0.00	2.59	4.82	0.18	0.00	0.00	0.00	0 - 00:00 hrs
83	☐	SWCB-M6-014	4.35	67.70	w Maximum	0.00	0 - 10:00 hrs	22.62	22.62	1.11	1.11	0.00	0.31	2.35	0.00	0.00	0.02	0.55	0 - 10:00 hrs
84	☐	SWCB-M6-015	4.20	66.53	w Maximum	0.00	0 - 10:00 hrs	0.00	22.45	0.00	1.11	15.22	0.20	2.20	0.00	0.00	0.00	1.06	0 - 10:00 hrs
85	☐	SWCB-M6-016	5.23	65.22	w Maximum	1.31	0 - 09:59 hrs	0.00	22.45	0.00	1.11	66.74	0.35	3.23	1.31	0.00	0.00	0.00	0 - 00:00 hrs
86	☐	SWCB-M6-033	4.75	65.40	Surcharged	0.00	0 - 10:00 hrs	0.00	22.46	0.00	1.11	32.22	0.36	2.75	0.00	0.00	0.00	0.33	0 - 10:00 hrs
87	☐	SWCB-N2-003	5.65	39.62	Surcharged	0.00	0 - 09:55 hrs	0.00	42.71	0.00	5.40	0.00	19.62	2.15	0.00	0.01	0.30	2.50	0 - 10:03 hrs
88	☐	SWCB-N3-015	4.95	45.84	Surcharged	0.00	0 - 09:51 hrs	0.00	13.75	0.00	1.91	672.82	4.00	2.95	0.00	0.00	0.44	0.01	0 - 09:55 hrs
89	☐	SWCB-N3-016	4.32	46.33	Surcharged	0.00	0 - 09:49 hrs	0.00	22.21	0.00	2.10	80.63	3.58	2.32	0.00	0.19	1.26	11.85	0 - 10:04 hrs
90	☐	SWCB-N3-089	6.75	42.85	Surcharged	0.00	0 - 09:56 hrs	0.00	67.81	0.00	7.00	1,869.94	5.47	3.25	0.00	0.37	0.53	53.19	0 - 10:03 hrs
91	☐	SWCB-N5-016	6.10	55.26	Surcharged	0.00	0 - 09:53 hrs	27.27	27.27	1.30	1.30	0.00	0.84	3.85	0.00	0.00	0.00	5.69	0 - 09:53 hrs
92	☐	SWCB-N6-002	8.20	53.97	w Maximum	3.03	0 - 00:03 hrs	0.00	74.06	0.00	4.18	1,540.27	2.75	4.70	3.03	0.00	0.00	0.00	0 - 00:00 hrs
93	☐	SWCB-N6-003	9.26	55.09	w Maximum	3.91	0 - 00:03 hrs	0.00	68.23	0.00	4.17	1,069.05	2.33	5.76	3.91	0.00	0.00	0.00	0 - 00:00 hrs
94	☐	SWCB-N6-039	8.63	54.28	w Maximum	1.72	0 - 00:00 hrs	0.00	106.16	0.00	4.19	1,410.14	47.94	5.13	1.72	0.00	0.00	0.00	0 - 00:00 hrs
95	☐	SWCB-N6-040	9.51	55.42	w Maximum	1.57	0 - 00:03 hrs	0.00	66.56	0.00	4.15	1,549.08	2.00	6.01	1.57	0.00	0.00	0.00	0 - 00:00 hrs
96	☐	SWCB-N7-011	1.45	58.03	low Link Cro	5.40	0 - 10:04 hrs	0.00	7.55	0.00	0.30	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0 - 00:00 hrs
97	☐	SWCB-O2-011	6.80	42.51	Surcharged	0.00	0 - 09:55 hrs	12.03	37.79	0.53	2.69	3,205.72	7.09	3.30	0.00	0.00	0.08	8.74	0 - 09:57 hrs
98	☐	SWCB-O2-020	6.20	38.92	w Maximum	0.00	0 - 09:55 hrs	0.00	19.60	0.00	1.98	515.01	29.34	4.20	0.00	1.31	3.93	19.60	0 - 10:53 hrs

EXISTING CONDITIONS 5-YR 24-HR JUNCTIONS

		ID	Maximum Depth (ft)	Maximum HGL (ft)	Maximum HGL Head Class	Freeboard (ft)	Max.Depth Day-Time (day-time)	Maximum Lateral Inflow (cfs)	Maximum Total Inflow (cfs)	Lateral Inflow Volume (MG)	Total Inflow Volume (MG)	Flow Volume Difference (MG)	Total Surcharge Time (hrs)	Max.Surchar ge Height Above Ground	Min.Surchar ge Depth Below Rim (ft)	Total Flood Volume (MG)	Total Flood Time (hrs)	Maximum Flood Rate (cfs)	Max.Flood Day-Time (day-time)
99	☐	SWCB-O2-021	6.10	38.96	Surcharged	0.00	0 - 09:55 hrs	0.00	13.38	0.00	1.14	628.26	28.83	3.40	0.00	0.03	1.68	1.40	0 - 10:15 hrs
100	☐	SWCB-O2-031	7.10	42.50	Surcharged	0.00	0 - 09:55 hrs	0.00	29.57	0.00	2.40	805.01	8.83	3.60	0.00	0.00	0.00	0.10	0 - 09:55 hrs
101	☐	SWCB-O3-001	6.80	46.20	Surcharged	0.00	0 - 09:59 hrs	0.00	27.42	0.00	1.58	0.00	2.51	4.05	0.00	0.00	0.00	21.90	0 - 09:59 hrs
102	☐	SWCB-O3-032	7.00	45.12	Surcharged	0.00	0 - 09:57 hrs	0.00	31.26	0.00	1.59	33.74	2.92	4.25	0.00	0.00	0.01	29.42	0 - 09:57 hrs
103	☐	SWCB-O3-035	6.70	45.64	Surcharged	0.00	0 - 09:59 hrs	0.00	31.95	0.00	1.59	-306.96	2.63	3.95	0.00	0.00	0.00	27.46	0 - 09:59 hrs
104	☐	SWCB-O3-040	6.75	46.12	Surcharged	0.00	0 - 09:59 hrs	0.00	35.19	0.00	1.61	117.16	2.55	4.00	0.00	0.03	0.25	32.79	0 - 09:59 hrs
105	☐	SWCB-O4-026	6.10	54.71	Surcharged	0.00	0 - 09:56 hrs	0.00	13.07	0.00	0.81	37.20	2.37	4.10	0.00	0.00	0.05	4.56	0 - 09:56 hrs
106	☐	SWCB-O4-027	5.90	54.76	Surcharged	0.00	0 - 09:56 hrs	11.66	14.50	0.52	0.82	23.41	2.26	3.90	0.00	0.01	0.20	7.64	0 - 09:56 hrs
107	☐	SWCB-O4-029	6.60	55.91	w Maximum	0.00	0 - 09:56 hrs	0.00	9.41	0.00	0.30	-34.06	2.05	4.60	0.00	0.00	0.00	8.96	0 - 09:56 hrs
108	☐	SWCB-O4-032	4.90	55.92	w Maximum	0.00	0 - 09:56 hrs	0.00	6.15	0.00	0.30	0.00	1.74	3.65	0.00	0.00	0.01	0.59	0 - 09:56 hrs
109	☐	SWCB-O4-033	5.40	55.81	w Maximum	0.00	0 - 09:56 hrs	0.00	6.15	0.00	0.30	93.19	2.62	4.15	0.00	0.00	0.17	0.34	0 - 09:56 hrs
110	☐	SWMH-B4-001	2.48	111.86	low Link Cro	5.76	0 - 10:19 hrs	0.00	88.56	0.00	16.58	208.35	0.00	0.00	0.00	0.00	0.00	0.00	0 - 00:00 hrs
111	☐	SWMH-B4-002	3.21	113.80	low Link Cro	3.09	0 - 10:18 hrs	0.00	89.20	0.00	16.60	2,014.76	0.00	0.00	0.00	0.00	0.00	0.00	0 - 00:00 hrs
112	☐	SWMH-C4-001	3.60	116.37	w Maximum	3.70	0 - 10:06 hrs	0.00	25.63	0.00	5.65	83.06	0.00	1.05	3.70	0.00	0.00	0.00	0 - 00:00 hrs
113	☐	SWMH-C4-002	4.29	119.30	w Maximum	2.31	0 - 10:06 hrs	0.00	25.63	0.00	5.65	662.91	3.81	1.93	2.31	0.00	0.00	0.00	0 - 00:00 hrs
114	☐	SWMH-C4-003	4.93	121.71	w Maximum	0.00	0 - 10:03 hrs	0.00	25.63	0.00	5.65	258.01	4.46	2.68	0.00	0.00	0.02	0.17	0 - 10:06 hrs
115	☐	SWMH-C4-004	5.08	122.53	Surcharged	0.00	0 - 09:53 hrs	0.00	25.62	0.00	5.65	-180.19	3.85	2.83	0.00	0.00	0.00	1.35	0 - 09:53 hrs
116	☐	SWMH-C4-005	1.34	101.49	low Link Cro	6.81	0 - 10:04 hrs	0.00	28.04	0.00	1.36	44.89	0.00	0.00	0.00	0.00	0.00	0.00	0 - 00:00 hrs
117	☐	SWMH-C4-006	1.76	105.21	low Link Cro	6.38	0 - 10:04 hrs	0.00	28.32	0.00	1.37	107.36	0.00	0.00	0.00	0.00	0.00	0.00	0 - 00:00 hrs
118	☐	SWMH-C4-007	1.97	107.06	low Link Cro	5.68	0 - 10:03 hrs	28.54	28.54	1.37	1.37	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0 - 00:00 hrs
119	☐	SWMH-C4-017	3.14	110.49	low Link Cro	3.56	0 - 10:19 hrs	0.00	88.56	0.00	16.58	644.81	0.00	0.00	0.00	0.00	0.00	0.00	0 - 00:00 hrs
120	☐	SWMH-D4-001	4.20	78.03	w Maximum	2.40	0 - 09:56 hrs	4.40	56.14	0.16	2.99	327.58	0.80	1.45	2.40	0.00	0.00	0.00	0 - 00:00 hrs
121	☐	SWMH-D4-002	5.26	80.80	w Maximum	0.00	0 - 09:56 hrs	0.00	52.05	0.00	2.82	106.25	0.54	2.38	0.00	0.00	0.00	1.45	0 - 09:56 hrs
122	☐	SWMH-D4-003	5.65	83.93	w Maximum	0.00	0 - 09:56 hrs	0.00	57.60	0.00	2.84	67.79	0.46	3.10	0.00	0.02	0.16	5.72	0 - 10:04 hrs
123	☐	SWMH-D4-004	1.89	89.22	low Link Cro	4.76	0 - 10:04 hrs	31.40	58.07	1.47	2.84	-57.17	0.00	0.00	0.00	0.00	0.00	0.00	0 - 00:00 hrs
124	☐	SWMH-D4-005	1.32	77.24	low Link Cro	3.13	0 - 10:04 hrs	0.00	17.57	0.00	0.77	19.41	0.00	0.00	0.00	0.00	0.00	0.00	0 - 00:00 hrs
125	☐	SWMH-D4-006	1.15	78.81	low Link Cro	3.30	0 - 10:04 hrs	0.00	17.58	0.00	0.78	41.87	0.00	0.00	0.00	0.00	0.00	0.00	0 - 00:00 hrs
126	☐	SWMH-D4-007	1.09	81.40	low Link Cro	4.56	0 - 10:04 hrs	0.00	17.59	0.00	0.78	23.48	0.00	0.00	0.00	0.00	0.00	0.00	0 - 00:00 hrs
127	☐	SWMH-D4-021	0.96	76.10	low Link Cro	4.69	0 - 10:04 hrs	0.00	17.57	0.00	0.77	9.55	0.00	0.00	0.00	0.00	0.00	0.00	0 - 00:00 hrs
128	☐	SWMH-E3-001	4.14	86.11	w Maximum	3.86	0 - 16:51 hrs	0.00	21.30	0.00	0.99	400.97	28.13	1.89	3.86	0.00	0.00	0.00	0 - 00:00 hrs
129	☐	SWMH-E3-002	4.03	86.12	w Maximum	3.67	0 - 17:52 hrs	0.00	21.29	0.00	0.99	435.34	28.12	1.64	3.67	0.00	0.00	0.00	0 - 00:00 hrs
130	☐	SWMH-E3-003	5.15	88.26	w Maximum	2.80	0 - 10:03 hrs	21.29	21.29	1.00	1.00	0.00	27.50	3.15	2.80	0.00	0.00	0.00	0 - 00:00 hrs
131	☐	SWMH-E3-016	8.35	89.47	w Maximum	0.00	0 - 09:48 hrs	37.12	37.12	1.96	1.95	0.00	29.48	6.35	0.00	0.18	0.65	22.51	0 - 10:03 hrs
132	☐	SWMH-E3-017	8.18	88.31	w Maximum	0.00	0 - 09:48 hrs	0.00	14.61	0.00	1.77	618.30	29.87	6.00	0.00	0.01	0.69	0.72	0 - 09:56 hrs
133	☐	SWMH-E3-018	8.40	86.49	Surcharged	0.00	0 - 09:59 hrs	0.00	13.02	0.00	1.71	806.67	32.40	6.40	0.00	0.02	0.72	2.19	0 - 10:37 hrs
134	☐	SWMH-E3-019	8.78	86.56	w Maximum	0.47	0 - 10:04 hrs	0.00	13.02	0.00	1.68	433.38	32.91	6.78	0.47	0.00	0.00	0.00	0 - 00:00 hrs
135	☐	SWMH-E3-020	9.60	86.61	Surcharged	0.00	0 - 10:04 hrs	0.00	13.02	0.00	1.67	4,215.35	33.40	7.10	0.00	0.00	0.00	0.10	0 - 10:04 hrs
136	☐	SWMH-E3-021	4.60	87.73	w Maximum	0.00	0 - 09:56 hrs	24.85	24.85	1.23	1.23	0.00	26.41	2.35	0.00	0.00	0.14	1.88	0 - 10:03 hrs
137	☐	SWMH-E3-023	4.10	87.12	Surcharged	0.00	0 - 09:56 hrs	0.00	23.02	0.00	1.22	410.03	24.97	1.60	0.00	0.00	0.16	1.45	0 - 10:06 hrs
138	☐	SWMH-E3-026	5.88	87.30	Surcharged	0.00	0 - 09:56 hrs	0.00	22.98	0.00	1.19	1,061.41	28.10	3.38	0.00	0.00	0.00	1.44	0 - 09:56 hrs
139	☐	SWMH-E3-027	6.30	88.45	w Maximum	0.00	0 - 09:56 hrs	0.00	22.90	0.00	1.20	1,337.53	28.08	3.80	0.00	0.00	0.00	1.79	0 - 09:56 hrs
140	☐	SWMH-E3-028	4.60	87.38	Surcharged	0.00	0 - 09:56 hrs	0.00	22.90	0.00	1.22	1,457.22	26.65	2.10	0.00	0.00	0.00	1.07	0 - 09:56 hrs
141	☐	SWMH-E3-029	4.39	87.28	w Maximum	0.51	0 - 09:56 hrs	0.00	22.92	0.00	1.22	428.32	25.94	1.88	0.51	0.00	0.00	0.00	0 - 00:00 hrs
142	☐	SWMH-E3-031	3.22	86.14	w Maximum	2.63	0 - 17:37 hrs	0.00	11.88	0.00	0.51	527.35	26.65	1.22	2.63	0.00	0.00	0.00	0 - 00:00 hrs
143	☐	SWMH-E3-032	3.62	86.10	w Maximum	1.23	0 - 18:34 hrs	0.00	11.49	0.00	0.51	597.04	27.41	1.62	1.23	0.00	0.00	0.00	0 - 00:00 hrs
144	☐	SWMH-E3-033	3.98	86.08	w Maximum	2.12	0 - 17:37 hrs	0.00	11.44	0.00	0.50	505.29	27.44	1.72	2.12	0.00	0.00	0.00	0 - 00:00 hrs
145	☐	SWMH-E3-034	3.52	86.16	w Maximum	1.68	0 - 18:02 hrs	1.70	1.70	0.06	0.06	0.00	27.01	1.52	1.68	0.00	0.00	0.00	0 - 00:00 hrs
146	☐	SWMH-E3-037	2.99	86.09	w Maximum	1.61	0 - 16:02 hrs	12.04	12.04	0.51	0.51	0.00	26.21	0.99	1.61	0.00	0.00	0.00	0 - 00:00 hrs
147	☐	SWMH-E3-038	12.03	88.00	w Maximum	0.00	0 - 10:04 hrs	0.00	13.01	0.00	1.64	3,617.00	36.19	9.53	0.00	0.00	0.00	1.29	0 - 10:04 hrs

EXISTING CONDITIONS 5-YR 24-HR JUNCTIONS

		ID	Maximum Depth (ft)	Maximum HGL (ft)	Maximum HGL Head Class	Freeboard (ft)	Max.Depth Day-Time (day-time)	Maximum Lateral Inflow (cfs)	Maximum Total Inflow (cfs)	Lateral Inflow Volume (MG)	Total Inflow Volume (MG)	Flow Volume Difference (MG)	Total Surcharge Time (hrs)	Max.Surchar ge Height Above Crown (ft)	Min.Surchar ge Depth Below Rim (ft)	Total Flood Volume (MG)	Total Flood Time (hrs)	Maximum Flood Rate (cfs)	Max.Flood Day-Time (day-time)
148	☐	SWMH-E4-001	1.07	91.43	Flow Link Cro	9.45	0 - 09:59 hrs	11.51	18.03	0.48	0.78	34.46	0.00	0.00	0.00	0.00	0.00	0.00	0 - 00:00 hrs
149	☐	SWMH-E4-002	0.61	93.26	Flow Link Cro	6.94	0 - 10:00 hrs	0.00	7.09	0.00	0.30	6.14	0.00	0.00	0.00	0.00	0.00	0.00	0 - 00:00 hrs
150	☐	SWMH-E4-003	1.11	93.98	Flow Link Cro	7.17	0 - 10:00 hrs	0.00	7.46	0.00	0.30	-128.86	0.00	0.00	0.00	0.00	0.00	0.00	0 - 00:00 hrs
151	☐	SWMH-E4-005	0.97	97.27	Flow Link Cro	6.03	0 - 09:59 hrs	7.86	7.86	0.30	0.30	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0 - 00:00 hrs
152	☐	SWMH-E4-006	7.78	99.25	Surcharged	0.00	0 - 09:59 hrs	17.43	41.99	0.76	3.55	197.07	1.02	4.50	0.00	0.00	0.00	16.35	0 - 09:59 hrs
153	☐	SWMH-E4-007	10.20	102.38	w Maximum	0.00	0 - 09:59 hrs	0.00	24.91	0.00	2.79	-27.58	0.92	7.08	0.00	0.00	0.00	13.98	0 - 09:59 hrs
154	☐	SWMH-E4-008	7.10	100.25	w Maximum	0.00	0 - 10:04 hrs	13.93	25.90	0.57	2.80	75.31	0.17	3.60	0.00	0.00	0.00	3.43	0 - 10:04 hrs
155	☐	SWMH-E4-009	2.20	96.91	Flow Link Cro	6.09	0 - 10:10 hrs	0.00	23.46	0.00	2.23	381.54	0.00	0.00	0.00	0.00	0.00	0.00	0 - 00:00 hrs
156	☐	SWMH-E4-010	11.10	95.52	w Maximum	0.00	0 - 10:03 hrs	43.52	46.44	2.30	2.30	0.00	0.32	7.40	0.00	0.00	0.00	23.21	0 - 10:03 hrs
157	☐	SWMH-E5-001	4.01	101.57	Flow Link Cro	5.49	0 - 10:08 hrs	5.81	113.81	0.21	15.50	2,474.77	0.00	0.00	0.00	0.00	0.00	0.00	0 - 00:00 hrs
158	☐	SWMH-E5-002	5.10	101.42	w Maximum	0.00	0 - 09:57 hrs	0.00	0.96	0.00	0.00	0.00	0.82	3.55	0.00	0.00	0.00	0.91	0 - 09:57 hrs
159	☐	SWMH-F3-001	10.25	83.20	Surcharged	0.00	0 - 09:57 hrs	20.47	184.30	0.92	12.18	-380.30	1.66	5.62	0.00	0.00	0.00	31.60	0 - 09:57 hrs
160	☐	SWMH-F3-002	3.41	76.75	Flow Link Cro	3.99	0 - 10:10 hrs	0.00	101.03	0.00	6.92	483.78	0.00	0.00	0.00	0.00	0.00	0.00	0 - 00:00 hrs
161	☐	SWMH-F3-003	6.10	82.31	w Maximum	0.00	0 - 10:03 hrs	0.00	100.97	0.00	6.92	493.19	0.37	2.60	0.00	0.00	0.00	2.53	0 - 10:03 hrs
162	☐	SWMH-F3-005	6.40	86.46	w Maximum	0.00	0 - 10:00 hrs	15.70	110.59	0.68	6.95	461.14	0.52	2.90	0.00	0.02	0.11	9.67	0 - 10:03 hrs
163	☐	SWMH-F3-006	8.85	89.83	Surcharged	0.00	0 - 10:03 hrs	60.75	95.50	3.43	6.27	307.28	1.04	5.35	0.00	0.00	0.01	0.04	0 - 10:03 hrs
164	☐	SWMH-F3-007	8.20	87.80	w Maximum	0.00	0 - 09:48 hrs	0.00	13.89	0.00	1.75	368.75	30.29	6.10	0.00	0.03	0.82	1.98	0 - 10:12 hrs
165	☐	SWMH-F3-008	8.54	87.66	w Maximum	0.26	0 - 10:18 hrs	0.00	13.04	0.00	1.72	745.40	30.90	6.52	0.26	0.00	0.00	0.00	0 - 00:00 hrs
166	☐	SWMH-F3-009	9.07	86.50	w Maximum	0.33	0 - 10:04 hrs	0.00	13.02	0.00	1.68	1,433.28	32.57	6.57	0.33	0.00	0.00	0.00	0 - 00:00 hrs
167	☐	SWMH-F3-010	10.05	92.43	w Maximum	0.57	0 - 10:03 hrs	0.00	56.63	0.00	2.88	267.21	0.73	6.55	0.57	0.00	0.00	0.00	0 - 00:00 hrs
168	☐	SWMH-F3-011	10.27	93.19	w Maximum	1.23	0 - 10:03 hrs	0.00	30.99	0.00	1.65	195.92	0.57	6.77	1.23	0.00	0.00	0.00	0 - 00:00 hrs
169	☐	SWMH-F3-012	10.15	93.01	w Maximum	0.95	0 - 10:03 hrs	0.00	25.65	0.00	1.24	104.29	0.58	6.65	0.95	0.00	0.00	0.00	0 - 00:00 hrs
170	☐	SWMH-F4-001	9.40	84.43	Surcharged	0.00	0 - 09:57 hrs	0.00	173.62	0.00	11.27	429.43	1.41	4.90	0.00	0.00	0.00	11.58	0 - 09:57 hrs
171	☐	SWMH-F4-002	8.90	86.48	w Maximum	0.00	0 - 09:56 hrs	0.00	142.08	0.00	9.66	-47.89	1.47	4.30	0.00	0.00	0.00	5.98	0 - 09:56 hrs
172	☐	SWMH-F4-005	10.02	91.83	Surcharged	-0.19	0 - 09:57 hrs	0.00	186.05	0.00	29.11	294.42	1.65	5.02	0.00	0.00	0.00	0.00	0 - 00:00 hrs
173	☐	SWMH-F4-006	9.85	93.34	w Maximum	0.00	0 - 09:57 hrs	37.98	186.00	1.87	29.14	1,354.75	2.70	4.85	0.00	0.02	0.14	8.50	0 - 10:03 hrs
174	☐	SWMH-F4-007	9.73	94.36	w Maximum	0.00	0 - 09:57 hrs	0.00	169.58	0.00	27.29	831.77	2.83	4.73	0.00	0.01	0.15	3.62	0 - 10:02 hrs
175	☐	SWMH-F4-008	9.52	96.30	Surcharged	0.00	0 - 09:57 hrs	0.00	156.79	0.00	23.81	1,007.03	2.57	4.52	0.00	0.00	0.00	0.57	0 - 09:59 hrs
176	☐	SWMH-F4-009	9.49	97.00	w Maximum	0.00	0 - 09:56 hrs	15.87	157.13	0.68	22.77	662.78	2.57	4.49	0.00	0.00	0.01	31.34	0 - 09:56 hrs
177	☐	SWMH-F4-010	6.90	95.57	w Maximum	0.00	0 - 09:57 hrs	0.00	37.13	0.00	3.54	136.92	1.44	3.90	0.00	0.00	0.00	15.42	0 - 09:57 hrs
178	☐	SWMH-F4-011	6.80	96.34	Surcharged	0.00	0 - 09:57 hrs	0.00	38.15	0.00	3.54	127.95	1.30	3.80	0.00	0.00	0.01	25.00	0 - 09:57 hrs
179	☐	SWMH-F4-012	6.30	96.83	Surcharged	0.00	0 - 09:57 hrs	0.00	18.81	0.00	1.04	57.41	1.67	4.30	0.00	0.00	0.05	10.67	0 - 09:57 hrs
180	☐	SWMH-F4-014	10.52	86.94	w Maximum	0.18	0 - 10:00 hrs	21.67	135.10	0.90	26.12	1,907.31	2.63	5.66	0.18	0.00	0.00	0.00	0 - 00:00 hrs
181	☐	SWMH-F4-017	10.25	90.64	w Maximum	0.00	0 - 09:56 hrs	0.00	39.89	0.00	3.73	37.83	1.86	7.25	0.00	0.00	0.00	7.83	0 - 09:56 hrs
182	☐	SWMH-F4-018	9.59	90.93	Surcharged	0.00	0 - 09:56 hrs	0.00	46.36	0.00	3.74	726.99	1.65	6.59	0.00	0.00	0.00	14.63	0 - 09:56 hrs
183	☐	SWMH-F4-019	8.15	91.83	Surcharged	0.00	0 - 09:56 hrs	0.00	25.80	0.00	1.91	22.96	2.01	6.00	0.00	0.04	0.52	4.65	0 - 10:03 hrs
184	☐	SWMH-F4-020	8.52	92.45	w Maximum	0.00	0 - 09:52 hrs	40.27	40.27	2.08	2.08	0.00	2.15	6.52	0.00	0.17	0.61	23.76	0 - 10:03 hrs
185	☐	SWMH-F4-021	8.38	93.31	Surcharged	0.00	0 - 09:59 hrs	11.39	37.64	0.49	2.15	317.59	0.94	4.88	0.00	0.00	0.01	27.81	0 - 09:59 hrs
186	☐	SWMH-F4-027	9.20	85.37	Surcharged	0.00	0 - 09:56 hrs	34.15	173.08	1.61	11.27	557.99	1.50	4.65	0.00	0.00	0.01	7.60	0 - 09:56 hrs
187	☐	SWMH-F4-030	11.30	95.16	Surcharged	0.00	0 - 10:03 hrs	6.79	34.36	0.27	0.92	88.03	0.40	7.70	0.00	0.00	0.01	30.15	0 - 10:03 hrs
188	☐	SWMH-F4-031	10.57	93.96	w Maximum	0.29	0 - 10:03 hrs	0.00	27.05	0.00	1.23	-492.06	0.47	6.93	0.29	0.00	0.00	0.00	0 - 00:00 hrs
189	☐	SWMH-F4-032	8.93	93.20	w Maximum	0.00	0 - 10:03 hrs	7.60	7.60	0.32	0.32	0.00	0.84	7.18	0.00	0.00	0.01	5.77	0 - 10:03 hrs
190	☐	SWMH-F4-034	9.47	95.31	w Maximum	0.13	0 - 09:59 hrs	0.00	150.74	0.00	23.80	499.53	2.49	4.47	0.13	0.00	0.00	0.00	0 - 00:00 hrs
191	☐	SWMH-F4-035	10.35	90.08	Surcharged	0.00	0 - 09:57 hrs	11.64	228.55	0.51	31.77	1,780.28	1.42	4.60	0.00	0.00	0.00	29.41	0 - 09:57 hrs
192	☐	SWMH-F4-036	9.22	86.49	w Maximum	0.73	0 - 10:00 hrs	0.00	100.11	0.00	21.50	568.70	2.32	4.72	0.73	0.00	0.00	0.00	0 - 00:00 hrs
193	☐	SWMH-F5-001	9.27	98.07	w Maximum	0.00	0 - 09:57 hrs	0.00	155.71	0.00	22.10	206.17	1.70	4.27	0.00	0.00	0.00	47.97	0 - 09:57 hrs
194	☐	SWMH-F5-002	9.38	99.93	Surcharged	0.00	0 - 09:57 hrs	0.00	152.22	0.00	22.11	1,655.02	1.58	4.38	0.00	0.00	0.00	39.39	0 - 09:57 hrs
195	☐	SWMH-F5-003	8.10	101.41	Surcharged	0.00	0 - 09:59 hrs	20.83	30.99	0.82	4.59	433.84	1.37	5.10	0.00	0.00	0.00	22.32	0 - 09:59 hrs
196	☐	SWMH-F5-004	8.26	103.86	Surcharged	0.00	0 - 10:00 hrs	0.00	17.03	0.00	3.76	160.70	0.46	5.76	0.00	0.00	0.00	13.33	0 - 10:00 hrs

EXISTING CONDITIONS 5-YR 24-HR JUNCTIONS

		ID	Maximum Depth (ft)	Maximum HGL (ft)	Maximum HGL Head Class	Freeboard (ft)	Max.Depth Day-Time (day-time)	Maximum Lateral Inflow (cfs)	Maximum Total Inflow (cfs)	Lateral Inflow Volume (MG)	Total Inflow Volume (MG)	Flow Volume Difference (MG)	Total Surcharge Time (hrs)	Max.Surchar ge Height Above Crown	Min.Surchar ge Depth Below Rim (ft)	Total Flood Volume (MG)	Total Flood Time (hrs)	Maximum Flood Rate (cfs)	Max.Flood Day-Time (day-time)
197	☐	SWMH-F5-005	1.66	103.30	low Link Cro	5.78	0 - 09:59 hrs	0.00	23.70	0.00	1.97	655.54	0.00	0.00	0.00	0.00	0.00	0.00	0 - 00:00 hrs
198	☐	SWMH-F5-006	5.90	98.55	Surcharged	0.00	0 - 09:57 hrs	0.00	19.36	0.00	1.05	146.30	1.24	3.90	0.00	0.01	0.25	2.42	0 - 10:03 hrs
199	☐	SWMH-F5-007	4.95	101.00	w Maximum	0.00	0 - 09:57 hrs	23.56	23.56	1.08	1.08	80.56	0.76	2.95	0.00	0.03	0.21	7.48	0 - 09:59 hrs
200	☐	SWMH-F5-008	6.78	101.51	w Maximum	1.82	0 - 10:04 hrs	0.00	133.34	0.00	17.12	845.63	1.28	1.78	1.82	0.00	0.00	0.00	0 - 00:00 hrs
201	☐	SWMH-F5-009	6.84	102.38	w Maximum	2.56	0 - 10:04 hrs	0.00	113.33	0.00	15.48	-125.26	0.37	1.44	2.56	0.00	0.00	0.00	0 - 00:00 hrs
202	☐	SWMH-F5-010	5.28	101.50	w Maximum	1.77	0 - 10:04 hrs	0.00	22.84	0.00	1.64	-34.01	2.50	3.18	1.77	0.00	0.00	0.00	0 - 00:00 hrs
203	☐	SWMH-F5-011	6.14	103.27	w Maximum	0.29	0 - 09:52 hrs	0.00	22.83	0.00	1.64	145.33	2.14	4.14	0.29	0.00	0.00	0.00	0 - 00:00 hrs
204	☐	SWMH-F5-012	5.30	104.95	w Maximum	0.00	0 - 09:53 hrs	0.00	23.25	0.00	1.64	-63.80	1.30	3.30	0.00	0.00	0.00	3.53	0 - 09:53 hrs
205	☐	SWMH-F5-013	5.06	105.70	w Maximum	0.00	0 - 09:53 hrs	18.09	36.13	0.79	1.73	287.84	1.14	2.90	0.00	0.09	0.37	15.51	0 - 10:03 hrs
206	☐	SWMH-F5-014	6.95	108.18	Surcharged	0.00	0 - 09:56 hrs	21.26	21.26	0.96	0.96	0.00	1.18	4.95	0.00	0.01	0.17	3.22	0 - 09:59 hrs
207	☐	SWMH-F5-016	2.32	105.56	w Maximum	3.96	0 - 09:59 hrs	0.00	23.63	0.00	1.97	77.44	0.60	0.32	3.96	0.00	0.00	0.00	0 - 00:00 hrs
208	☐	SWMH-F5-023	6.15	112.04	Surcharged	0.00	0 - 09:55 hrs	16.82	16.82	0.73	0.73	0.00	0.61	4.00	0.00	0.00	0.04	3.43	0 - 09:55 hrs
209	☐	SWMH-F5-025	6.15	110.92	Surcharged	0.00	0 - 09:55 hrs	9.79	26.17	0.39	1.11	71.77	0.77	4.15	0.00	0.04	0.23	8.88	0 - 10:03 hrs
210	☐	SWMH-F5-026	6.52	110.50	Surcharged	0.00	0 - 09:55 hrs	0.00	18.23	0.00	1.08	-350.44	0.75	4.52	0.00	0.00	0.00	1.24	0 - 09:55 hrs
211	☐	SWMH-F5-027	4.63	106.34	w Maximum	2.53	0 - 10:03 hrs	16.77	34.08	0.72	1.80	118.03	0.59	2.13	2.53	0.00	0.00	0.00	0 - 00:00 hrs
212	☐	SWMH-F5-028	3.57	104.71	w Maximum	3.58	0 - 10:03 hrs	0.00	34.08	0.00	1.80	74.47	0.49	1.07	3.58	0.00	0.00	0.00	0 - 00:00 hrs
213	☐	SWMH-F5-029	2.82	103.87	w Maximum	3.08	0 - 10:03 hrs	0.00	34.14	0.00	1.80	322.22	0.06	0.22	3.08	0.00	0.00	0.00	0 - 00:00 hrs
214	☐	SWMH-F5-030	8.32	105.36	Surcharged	0.00	0 - 09:56 hrs	0.00	56.53	0.00	4.71	483.90	10.21	4.00	0.00	0.00	0.00	4.36	0 - 10:41 hrs
215	☐	SWMH-F5-031	3.38	103.27	w Maximum	3.72	0 - 10:00 hrs	0.00	33.36	0.00	1.80	-246.19	0.43	0.78	3.72	0.00	0.00	0.00	0 - 00:00 hrs
216	☐	SWMH-F5-032	8.25	102.91	w Maximum	0.00	0 - 10:00 hrs	0.00	19.31	0.00	3.77	0.64	0.92	5.52	0.00	0.00	0.00	15.10	0 - 10:00 hrs
217	☐	SWMH-F5-033	0.52	100.50	low Link Cro	5.08	0 - 10:00 hrs	0.00	3.29	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0 - 00:00 hrs
218	☐	SWMH-F5-041	6.02	99.26	w Maximum	1.88	0 - 10:03 hrs	6.57	138.65	0.24	17.59	972.69	0.05	0.02	1.88	0.00	0.00	0.00	0 - 00:00 hrs
219	☐	SWMH-F5-042	7.60	99.28	w Maximum	0.00	0 - 09:59 hrs	0.00	132.06	0.00	17.59	720.28	1.71	3.50	0.00	0.00	0.00	40.98	0 - 09:59 hrs
220	☐	SWMH-F6-001	8.92	117.73	w Maximum	3.18	0 - 09:53 hrs	3.42	107.49	0.12	14.01	855.24	1.79	4.92	3.18	0.00	0.00	0.00	0 - 00:00 hrs
221	☐	SWMH-F6-002	9.14	118.74	w Maximum	3.68	0 - 09:53 hrs	0.00	105.25	0.00	13.89	827.38	2.13	5.14	3.68	0.00	0.00	0.00	0 - 00:00 hrs
222	☐	SWMH-F6-003	10.47	120.84	w Maximum	0.48	0 - 09:52 hrs	0.00	105.28	0.00	13.90	933.27	2.29	6.47	0.48	0.00	0.00	0.00	0 - 00:00 hrs
223	☐	SWMH-F6-004	10.16	121.91	w Maximum	0.82	0 - 09:52 hrs	0.00	105.31	0.00	13.90	994.83	2.32	6.16	0.82	0.00	0.00	0.00	0 - 00:00 hrs
224	☐	SWMH-F6-005	9.91	122.73	Surcharged	0.00	0 - 09:52 hrs	188.59	188.59	14.70	14.69	0.00	2.40	5.91	0.00	0.79	0.77	86.00	0 - 10:03 hrs
225	☐	SWMH-F6-006	3.11	99.79	low Link Cro	11.99	0 - 10:04 hrs	0.98	49.90	0.03	2.07	186.68	0.00	0.00	0.00	0.00	0.00	0.00	0 - 00:00 hrs
226	☐	SWMH-F6-007	8.29	114.91	w Maximum	2.86	0 - 10:00 hrs	15.01	22.86	0.66	1.00	34.41	0.31	5.95	2.86	0.00	0.00	0.00	0 - 00:00 hrs
227	☐	SWMH-F6-008	9.10	116.86	Surcharged	0.00	0 - 10:00 hrs	0.00	8.88	0.00	0.34	-25.37	0.20	7.00	0.00	0.00	0.00	1.63	0 - 10:00 hrs
228	☐	SWMH-F6-009	7.48	112.78	w Maximum	4.02	0 - 10:03 hrs	7.93	29.92	0.31	1.31	488.99	0.39	5.48	4.02	0.00	0.00	0.00	0 - 00:00 hrs
229	☐	SWMH-F6-010	5.99	109.16	w Maximum	5.98	0 - 10:03 hrs	0.00	29.93	0.00	1.30	-297.58	0.31	3.98	5.98	0.00	0.00	0.00	0 - 00:00 hrs
230	☐	SWMH-F6-011	4.85	104.57	w Maximum	8.35	0 - 10:03 hrs	0.00	29.94	0.00	1.31	39.87	0.19	2.75	8.35	0.00	0.00	0.00	0 - 00:00 hrs
231	☐	SWMH-F6-012	5.40	102.09	w Maximum	9.75	0 - 10:03 hrs	17.98	47.01	0.74	2.04	-18.08	0.02	2.15	9.75	0.00	0.00	0.00	0 - 00:00 hrs
232	☐	SWMH-F6-020	6.10	114.04	Surcharged	0.00	0 - 09:52 hrs	8.97	26.37	0.35	1.33	-60.39	1.51	4.00	0.00	0.16	0.51	22.84	0 - 09:59 hrs
233	☐	SWMH-F6-022	8.65	116.76	Surcharged	0.00	0 - 10:00 hrs	8.82	8.82	0.34	0.34	0.00	0.19	6.65	0.00	0.00	0.00	0.50	0 - 10:00 hrs
234	☐	SWMH-F6-025	8.83	115.65	w Maximum	1.37	0 - 09:52 hrs	9.83	16.01	0.39	1.56	160.72	1.65	6.63	1.37	0.00	0.00	0.00	0 - 00:00 hrs
235	☐	SWMH-F6-026	6.40	115.51	Surcharged	0.00	0 - 09:52 hrs	21.55	21.55	0.99	0.99	0.00	1.24	4.40	0.00	0.01	0.20	7.29	0 - 09:52 hrs
236	☐	SWMH-F6-029	7.19	112.74	w Maximum	2.26	0 - 09:59 hrs	0.00	15.89	0.00	1.55	159.31	1.81	5.09	2.26	0.00	0.00	0.00	0 - 00:00 hrs
237	☐	SWMH-F6-030	7.98	114.13	w Maximum	2.20	0 - 09:52 hrs	0.00	15.89	0.00	1.56	142.77	1.83	5.76	2.20	0.00	0.00	0.00	0 - 00:00 hrs
238	☐	SWMH-F6-031	6.86	111.77	w Maximum	1.24	0 - 09:59 hrs	10.24	23.62	0.41	1.97	184.68	1.73	4.76	1.24	0.00	0.00	0.00	0 - 00:00 hrs
239	☐	SWMH-F6-032	4.78	108.58	w Maximum	2.52	0 - 09:52 hrs	0.00	23.62	0.00	1.97	-3.55	1.51	2.66	2.52	0.00	0.00	0.00	0 - 00:00 hrs
240	☐	SWMH-F6-037	6.40	107.78	w Maximum	0.00	0 - 09:59 hrs	0.00	11.71	0.00	0.46	-27.57	0.37	4.10	0.00	0.00	0.00	10.74	0 - 09:59 hrs
241	☐	SWMH-F6-038	4.78	107.81	w Maximum	0.00	0 - 09:59 hrs	11.27	11.27	0.46	0.46	0.00	0.33	3.28	0.00	0.00	0.11	8.72	0 - 09:59 hrs
242	☐	SWMH-F7-001	3.86	110.15	low Link Cro	13.39	0 - 09:59 hrs	0.00	110.38	0.00	14.19	387.94	0.00	0.00	0.00	0.00	0.00	0.00	0 - 00:00 hrs
243	☐	SWMH-F7-002	3.72	110.96	low Link Cro	13.08	0 - 09:59 hrs	5.02	110.87	0.19	14.19	545.30	0.00	0.00	0.00	0.00	0.00	0.00	0 - 00:00 hrs
244	☐	SWMH-F7-003	2.59	94.91	low Link Cro	19.56	0 - 10:04 hrs	24.53	79.53	1.18	3.68	68.67	0.00	0.00	0.00	0.00	0.00	0.00	0 - 00:00 hrs
245	☐	SWMH-F7-004	3.12	97.46	low Link Cro	14.03	0 - 10:06 hrs	0.00	57.02	0.00	2.50	-76.59	0.00	0.00	0.00	0.00	0.00	0.00	0 - 00:00 hrs

EXISTING CONDITIONS 5-YR 24-HR JUNCTIONS

		ID	Maximum Depth (ft)	Maximum HGL (ft)	Maximum HGL Head Class	Freeboard (ft)	Max.Depth Day-Time (day-time)	Maximum Lateral Inflow (cfs)	Maximum Total Inflow (cfs)	Lateral Inflow Volume (MG)	Total Inflow Volume (MG)	Flow Volume Difference (MG)	Total Surcharge Time (hrs)	Max.Surchar ge Height Above Crown	Min.Surchar ge Depth Below Rim (ft)	Total Flood Volume (MG)	Total Flood Time (hrs)	Maximum Flood Rate (cfs)	Max.Flood Day-Time (day-time)
246	☐	SWMH-F7-005	2.81	98.20	low Link Cro	14.24	0 - 10:04 hrs	0.00	57.22	0.00	2.50	264.75	0.00	0.00	0.00	0.00	0.00	0.00	0 - 00:00 hrs
247	☐	SWMH-F7-006	2.61	98.48	low Link Cro	16.29	0 - 10:04 hrs	10.64	57.74	0.43	2.50	135.39	0.00	0.00	0.00	0.00	0.00	0.00	0 - 00:00 hrs
248	☐	SWMH-F7-019	4.03	92.35	w Maximum D	8.67	0 - 10:03 hrs	0.00	81.82	0.00	3.82	412.20	0.30	0.48	8.67	0.00	0.00	0.00	0 - 00:00 hrs
249	☐	SWMH-F7-020	3.50	91.74	low Link Cro	5.65	0 - 10:04 hrs	0.00	81.89	0.00	3.84	454.51	0.00	0.00	0.00	0.00	0.00	0.00	0 - 00:00 hrs
250	☐	SWMH-F7-021	2.21	92.39	low Link Cro	17.19	0 - 10:04 hrs	3.72	81.82	0.13	3.81	147.91	0.00	0.00	0.00	0.00	0.00	0.00	0 - 00:00 hrs
251	☐	SWMH-F7-023	3.06	108.15	low Link Cro	14.42	0 - 10:00 hrs	0.00	110.29	0.00	14.19	545.73	0.00	0.00	0.00	0.00	0.00	0.00	0 - 00:00 hrs
252	☐	SWMH-F7-024	3.59	105.31	low Link Cro	14.66	0 - 10:00 hrs	0.00	110.18	0.00	14.18	751.61	0.00	0.00	0.00	0.00	0.00	0.00	0 - 00:00 hrs
253	☐	SWMH-F7-025	2.54	101.32	low Link Cro	7.08	0 - 10:02 hrs	0.00	110.00	0.00	14.18	727.42	0.00	0.00	0.00	0.00	0.00	0.00	0 - 00:00 hrs
254	☐	SWMH-F7-026	8.19	101.80	w Maximum D	2.61	0 - 00:01 hrs	0.00	109.97	0.00	14.24	1,810.65	0.01	4.19	2.61	0.00	0.00	0.00	0 - 00:00 hrs
255	☐	SWMH-F7-027	10.76	103.93	Surcharged	0.00	0 - 00:00 hrs	0.00	29.41	0.00	0.25	614.42	47.98	8.76	0.00	0.00	0.00	18.86	0 - 00:00 hrs
256	☐	SWMH-F7-028	9.03	102.96	w Maximum D	0.00	0 - 00:02 hrs	0.00	11.28	0.00	0.25	1,126.56	47.89	7.03	0.00	0.00	0.00	4.86	0 - 00:02 hrs
257	☐	SWMH-F7-029	1.07	96.44	low Link Cro	5.15	0 - 10:00 hrs	0.00	5.79	0.00	0.24	408.81	0.00	0.00	0.00	0.00	0.00	0.00	0 - 00:00 hrs
258	☐	SWMH-F8-011	0.97	97.65	low Link Cro	12.39	0 - 09:59 hrs	6.03	6.03	0.23	0.23	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0 - 00:00 hrs
259	☐	SWMH-G3-001	5.89	65.27	low Link Cro	8.99	0 - 10:07 hrs	0.00	418.16	0.00	49.39	16,349.49	0.00	0.00	0.00	0.00	0.00	0.00	0 - 00:00 hrs
260	☐	SWMH-G3-002	5.35	67.55	low Link Cro	11.43	0 - 10:04 hrs	0.00	418.71	0.00	49.42	3,095.26	0.00	0.00	0.00	0.00	0.00	0.00	0 - 00:00 hrs
261	☐	SWMH-G3-003	8.96	71.89	w Maximum D	8.94	0 - 10:00 hrs	0.00	418.46	0.00	49.44	3,946.34	0.84	2.46	8.94	0.00	0.00	0.00	0 - 00:00 hrs
262	☐	SWMH-G3-004	11.17	77.08	Surcharged	0.00	0 - 09:59 hrs	0.00	166.23	0.00	12.18	0.00	3.23	6.67	0.00	0.00	0.00	2.59	0 - 10:00 hrs
263	☐	SWMH-G3-005	12.21	78.07	w Maximum D	1.41	0 - 09:59 hrs	0.00	166.17	0.00	12.19	355.01	3.42	7.71	1.41	0.00	0.00	0.00	0 - 00:00 hrs
264	☐	SWMH-G3-007	11.20	65.01	Surcharged	0.00	0 - 10:02 hrs	0.00	47.00	0.00	2.15	-721.56	0.59	6.00	0.00	0.00	0.00	34.73	0 - 10:02 hrs
265	☐	SWMH-G3-008	4.18	61.27	low Link Cro	6.92	0 - 10:08 hrs	34.08	45.99	1.68	2.16	1,473.63	0.00	0.00	0.00	0.00	0.00	0.00	0 - 00:00 hrs
266	☐	SWMH-G3-009	0.97	66.10	low Link Cro	9.78	0 - 10:04 hrs	0.00	16.17	0.00	0.48	-16.22	0.00	0.00	0.00	0.00	0.00	0.00	0 - 00:00 hrs
267	☐	SWMH-G3-010	1.12	66.53	low Link Cro	9.42	0 - 09:59 hrs	11.77	11.77	0.48	0.48	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0 - 00:00 hrs
268	☐	SWMH-G3-011	10.04	77.60	w Maximum D	0.00	0 - 10:00 hrs	0.00	165.15	0.00	29.94	189.95	1.22	5.54	0.00	0.00	0.00	29.23	0 - 10:00 hrs
269	☐	SWMH-G3-012	13.05	81.49	w Maximum D	1.20	0 - 10:00 hrs	0.00	165.14	0.00	29.95	1,456.73	4.65	8.21	1.20	0.00	0.00	0.00	0 - 00:00 hrs
270	☐	SWMH-G3-013	12.40	81.53	Surcharged	0.00	0 - 10:00 hrs	0.00	165.19	0.00	29.96	1,395.12	4.60	7.90	0.00	0.00	0.00	0.51	0 - 10:00 hrs
271	☐	SWMH-G3-014	12.50	76.18	Surcharged	0.00	0 - 10:00 hrs	4.79	72.09	0.17	5.77	142.13	1.77	9.50	0.00	0.00	0.00	0.45	0 - 10:00 hrs
272	☐	SWMH-G3-015	11.95	76.94	Surcharged	0.00	0 - 10:00 hrs	13.53	67.48	0.60	5.62	566.34	1.78	8.95	0.00	0.02	0.13	7.88	0 - 10:03 hrs
273	☐	SWMH-G3-016	9.84	65.51	w Maximum D	3.36	0 - 10:00 hrs	15.30	41.81	0.72	2.21	2.82	0.30	5.49	3.36	0.00	0.00	0.00	0 - 00:00 hrs
274	☐	SWMH-G3-017	8.33	67.42	w Maximum D	2.97	0 - 10:00 hrs	0.00	26.80	0.00	1.50	188.67	0.22	5.83	2.97	0.00	0.00	0.00	0 - 00:00 hrs
275	☐	SWMH-G3-018	11.30	72.93	w Maximum D	0.00	0 - 09:56 hrs	0.00	26.80	0.00	1.50	75.99	0.66	9.26	0.00	0.00	0.00	2.44	0 - 09:56 hrs
276	☐	SWMH-G3-019	10.94	73.37	w Maximum D	0.32	0 - 09:56 hrs	0.00	26.80	0.00	1.50	-68.00	0.73	8.93	0.32	0.00	0.00	0.00	0 - 00:00 hrs
277	☐	SWMH-G3-020	10.86	75.31	w Maximum D	0.52	0 - 09:56 hrs	0.00	26.81	0.00	1.50	139.16	0.69	8.66	0.52	0.00	0.00	0.00	0 - 00:00 hrs
278	☐	SWMH-G3-021	11.10	77.05	Surcharged	0.00	0 - 09:56 hrs	31.30	31.30	1.52	1.52	0.00	0.74	9.10	0.00	0.02	0.18	7.27	0 - 10:03 hrs
279	☐	SWMH-G3-023	7.20	76.71	w Maximum D	0.00	0 - 09:57 hrs	16.08	16.08	0.71	0.71	0.00	0.59	5.20	0.00	0.00	0.00	2.16	0 - 09:57 hrs
280	☐	SWMH-G3-027	1.62	72.39	low Link Cro	8.43	0 - 10:06 hrs	10.97	109.36	0.44	7.35	105.30	0.00	0.00	0.00	0.00	0.00	0.00	0 - 00:00 hrs
281	☐	SWMH-G3-028	10.80	75.81	w Maximum D	0.00	0 - 09:59 hrs	0.00	322.52	0.00	42.12	3,152.43	1.19	4.00	0.00	0.00	0.00	29.48	0 - 09:59 hrs
282	☐	SWMH-G4-002	12.00	83.70	w Maximum D	0.00	0 - 09:52 hrs	30.24	165.21	1.44	29.98	1,561.18	4.22	7.50	0.00	0.00	0.00	9.99	0 - 09:52 hrs
283	☐	SWMH-G4-004	11.52	85.96	w Maximum D	1.28	0 - 10:00 hrs	0.00	137.40	0.00	28.54	475.80	3.57	6.82	1.28	0.00	0.00	0.00	0 - 00:00 hrs
284	☐	SWMH-G4-005	7.78	86.10	w Maximum D	0.00	0 - 09:59 hrs	0.00	45.79	0.00	2.43	-825.89	1.13	2.67	0.00	0.01	0.10	33.10	0 - 09:59 hrs
285	☐	SWMH-G4-009	12.85	81.77	Surcharged	0.00	0 - 09:57 hrs	28.91	70.13	1.37	5.03	551.03	1.13	7.95	0.00	0.00	0.09	28.53	0 - 09:57 hrs
286	☐	SWMH-G4-010	11.74	83.75	w Maximum D	1.12	0 - 09:57 hrs	0.00	48.42	0.00	3.65	213.41	1.27	8.47	1.12	0.00	0.00	0.00	0 - 00:00 hrs
287	☐	SWMH-G4-011	11.30	84.14	Surcharged	0.00	0 - 09:56 hrs	0.00	36.86	0.00	3.09	-66.68	1.16	8.20	0.00	0.00	0.00	10.33	0 - 09:56 hrs
288	☐	SWMH-G4-012	9.84	84.72	Surcharged	0.00	0 - 09:56 hrs	0.00	36.81	0.00	3.08	-397.21	1.23	7.34	0.00	0.00	0.00	0.30	0 - 09:56 hrs
289	☐	SWMH-G4-013	10.10	86.08	Surcharged	0.00	0 - 09:56 hrs	15.19	15.19	0.58	0.58	0.00	1.12	8.60	0.00	0.02	0.17	4.99	0 - 09:59 hrs
290	☐	SWMH-G4-014	5.90	88.76	Surcharged	0.00	0 - 10:00 hrs	20.10	50.21	0.90	2.45	110.73	0.55	2.40	0.00	0.01	0.05	23.62	0 - 10:00 hrs
291	☐	SWMH-G4-015	6.15	83.29	Surcharged	0.00	0 - 09:56 hrs	29.60	36.82	1.44	3.17	191.53	1.16	3.65	0.00	0.00	0.02	1.92	0 - 09:56 hrs
292	☐	SWMH-G4-016	9.00	82.99	w Maximum D	0.00	0 - 09:57 hrs	0.00	8.04	0.00	0.00	0.00	0.83	6.75	0.00	0.00	0.01	7.92	0 - 09:57 hrs
293	☐	SWMH-G4-018	12.38	83.84	w Maximum D	1.22	0 - 09:57 hrs	0.00	46.45	0.00	3.65	480.91	1.39	9.16	1.22	0.00	0.00	0.00	0 - 00:00 hrs
294	☐	SWMH-G4-019	7.10	93.00	w Maximum D	0.00	0 - 09:59 hrs	0.00	35.31	0.00	1.87	-243.89	1.02	4.00	0.00	0.00	0.00	19.56	0 - 09:59 hrs

EXISTING CONDITIONS 5-YR 24-HR JUNCTIONS

		ID	Maximum Depth (ft)	Maximum HGL (ft)	Maximum HGL Head Class	Freeboard (ft)	Max.Depth Day-Time (day-time)	Maximum Lateral Inflow (cfs)	Maximum Total Inflow (cfs)	Lateral Inflow Volume (MG)	Total Inflow Volume (MG)	Flow Volume Difference (MG)	Total Surcharge Time (hrs)	Max.Surchar ge Height Above Ground (ft)	Min.Surchar ge Depth Below Rim (ft)	Total Flood Volume (MG)	Total Flood Time (hrs)	Maximum Flood Rate (cfs)	Max.Flood Day-Time (day-time)
295	☐	SWMH-G4-020	9.34	93.01	w Maximum	0.00	0 - 09:57 hrs	0.00	33.69	0.00	1.87	-429.32	1.31	6.34	0.00	0.00	0.00	23.16	0 - 09:57 hrs
296	☐	SWMH-G5-001	6.95	94.84	Surcharged	0.00	0 - 09:55 hrs	23.46	23.46	1.13	1.13	0.00	0.71	4.25	0.00	0.08	0.25	17.89	0 - 10:03 hrs
297	☐	SWMH-G5-002	5.65	91.57	Surcharged	0.00	0 - 10:03 hrs	0.00	30.82	0.00	1.56	275.50	0.21	2.65	0.00	0.00	0.01	9.60	0 - 10:03 hrs
298	☐	SWMH-G5-003	6.20	93.11	w Maximum	0.00	0 - 10:03 hrs	31.32	31.32	1.56	1.56	0.00	0.13	3.10	0.00	0.00	0.01	9.47	0 - 10:03 hrs
299	☐	SWMH-G5-005	5.10	93.34	Surcharged	0.00	0 - 10:00 hrs	0.00	35.48	0.00	1.88	53.92	0.46	2.00	0.00	0.00	0.00	10.43	0 - 10:00 hrs
300	☐	SWMH-G5-006	5.95	95.83	Surcharged	0.00	0 - 09:53 hrs	41.89	41.89	1.92	1.92	0.00	0.85	3.45	0.00	0.05	0.24	14.08	0 - 10:03 hrs
301	☐	SWMH-G5-009	4.76	92.63	Surcharged	0.00	0 - 10:00 hrs	0.00	36.71	0.00	1.88	600.62	0.55	1.76	0.00	0.00	0.02	10.73	0 - 10:00 hrs
302	☐	SWMH-G6-001	5.97	96.22	w Maximum	7.68	0 - 10:03 hrs	11.58	56.68	0.49	3.25	669.22	0.78	2.83	7.68	0.00	0.00	0.00	0 - 00:00 hrs
303	☐	SWMH-G6-002	7.06	97.79	low Link Cro	6.04	0 - 10:04 hrs	0.00	47.30	0.00	2.75	209.29	0.00	0.00	0.00	0.00	0.00	0.00	0 - 00:00 hrs
304	☐	SWMH-G6-003	8.16	99.47	low Link Cro	5.34	0 - 10:00 hrs	7.88	34.59	0.29	2.00	211.21	0.00	0.00	0.00	0.00	0.00	0.00	0 - 00:00 hrs
305	☐	SWMH-G6-004	8.10	101.49	Surcharged	0.00	0 - 09:55 hrs	12.84	28.55	0.55	1.73	-65.86	0.86	5.50	0.00	0.02	0.18	5.53	0 - 10:03 hrs
306	☐	SWMH-G6-005	6.10	104.45	w Maximum	0.00	0 - 09:56 hrs	0.00	19.91	0.00	1.18	225.55	0.66	4.10	0.00	0.00	0.00	5.60	0 - 09:56 hrs
307	☐	SWMH-G6-006	5.02	104.32	w Maximum	0.00	0 - 09:56 hrs	25.58	25.58	1.22	1.22	0.00	0.57	3.02	0.00	0.04	0.24	9.88	0 - 10:03 hrs
308	☐	SWMH-G6-007	1.23	99.56	low Link Cro	4.07	0 - 09:59 hrs	0.00	16.88	0.00	0.76	38.63	0.00	0.00	0.00	0.00	0.00	0.00	0 - 00:00 hrs
309	☐	SWMH-G6-009	13.75	97.23	Surcharged	0.00	0 - 10:00 hrs	34.60	91.55	1.55	5.04	130.04	0.60	10.00	0.00	0.00	0.00	1.37	0 - 10:00 hrs
310	☐	SWMH-G6-010	13.19	97.62	w Maximum	1.01	0 - 10:00 hrs	0.00	59.78	0.00	3.49	103.84	0.55	9.69	1.01	0.00	0.00	0.00	0 - 00:00 hrs
311	☐	SWMH-G6-011	9.41	97.50	w Maximum	6.07	0 - 09:59 hrs	0.00	65.83	0.00	3.49	229.86	0.39	6.41	6.07	0.00	0.00	0.00	0 - 00:00 hrs
312	☐	SWMH-G6-012	8.40	96.94	Surcharged	0.00	0 - 09:59 hrs	0.00	65.70	0.00	3.49	31.09	0.49	5.20	0.00	0.00	0.00	2.68	0 - 09:59 hrs
313	☐	SWMH-G6-013	7.62	97.34	Surcharged	0.00	0 - 09:57 hrs	0.00	65.70	0.00	3.49	191.69	0.45	4.60	0.00	0.00	0.01	6.18	0 - 09:57 hrs
314	☐	SWMH-G6-014	10.05	101.35	w Maximum	0.00	0 - 09:55 hrs	21.98	65.71	1.03	3.49	419.51	0.83	6.95	0.00	0.00	0.00	4.35	0 - 09:55 hrs
315	☐	SWMH-G6-015	8.42	102.18	w Maximum	0.00	0 - 09:56 hrs	28.23	50.27	1.35	2.52	-11.84	0.63	5.35	0.00	0.05	0.17	18.31	0 - 10:03 hrs
316	☐	SWMH-G6-016	7.52	104.84	w Maximum	0.00	0 - 09:56 hrs	5.71	26.51	0.21	1.18	183.37	0.56	5.23	0.00	0.01	0.15	8.64	0 - 09:56 hrs
317	☐	SWMH-G6-017	8.25	108.12	Surcharged	0.00	0 - 09:57 hrs	12.44	21.91	0.52	0.97	173.62	0.44	5.95	0.00	0.00	0.00	8.73	0 - 09:57 hrs
318	☐	SWMH-G6-022	7.78	95.29	Surcharged	0.00	0 - 09:56 hrs	20.73	30.67	0.97	2.03	-55.01	0.80	5.28	0.00	0.00	0.00	0.04	0 - 09:56 hrs
319	☐	SWMH-G6-023	7.43	99.12	w Maximum	5.82	0 - 10:00 hrs	0.00	32.65	0.00	2.00	0.00	0.98	4.93	5.82	0.00	0.00	0.00	0 - 00:00 hrs
320	☐	SWMH-G6-024	0.94	99.55	low Link Cro	5.21	0 - 10:00 hrs	0.00	1.54	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0 - 00:00 hrs
321	☐	SWMH-G7-001	2.81	95.90	low Link Cro	17.39	0 - 10:06 hrs	0.00	56.64	0.00	2.50	189.11	0.00	0.00	0.00	0.00	0.00	0.00	0 - 00:00 hrs
322	☐	SWMH-G7-004	3.95	93.39	w Maximum	12.53	0 - 09:57 hrs	0.00	56.68	0.00	3.24	6.11	0.40	0.67	12.53	0.00	0.00	0.00	0 - 00:00 hrs
323	☐	SWMH-G7-005	2.56	68.66	low Link Cro	5.29	0 - 10:00 hrs	21.51	49.22	0.87	2.20	169.05	0.00	0.00	0.00	0.00	0.00	0.00	0 - 00:00 hrs
324	☐	SWMH-G7-006	1.98	69.06	low Link Cro	5.00	0 - 10:00 hrs	0.00	30.59	0.00	1.33	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0 - 00:00 hrs
325	☐	SWMH-G7-007	2.35	69.31	low Link Cro	4.95	0 - 10:00 hrs	0.00	30.89	0.00	1.33	119.82	0.00	0.00	0.00	0.00	0.00	0.00	0 - 00:00 hrs
326	☐	SWMH-G7-008	2.01	69.50	low Link Cro	5.29	0 - 09:59 hrs	0.00	31.38	0.00	1.33	78.27	0.00	0.00	0.00	0.00	0.00	0.00	0 - 00:00 hrs
327	☐	SWMH-G7-009	1.91	71.77	low Link Cro	5.79	0 - 09:59 hrs	32.08	32.08	1.33	1.33	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0 - 00:00 hrs
328	☐	SWMH-G7-034	7.16	74.70	w Maximum	1.53	0 - 09:59 hrs	0.00	33.34	0.00	1.72	-210.99	0.46	4.66	1.53	0.00	0.00	0.00	0 - 00:00 hrs
329	☐	SWMH-G7-035	2.21	76.73	low Link Cro	9.27	0 - 10:03 hrs	3.20	58.97	0.11	3.35	79.80	0.00	0.00	0.00	0.00	0.00	0.00	0 - 00:00 hrs
330	☐	SWMH-G7-036	3.28	75.74	w Maximum	6.72	0 - 10:03 hrs	0.00	58.96	0.00	3.35	123.06	0.05	0.03	6.72	0.00	0.00	0.00	0 - 00:00 hrs
331	☐	SWMH-G7-037	3.23	75.36	w Maximum	6.97	0 - 10:03 hrs	0.00	59.04	0.00	3.35	57.78	0.01	0.03	6.97	0.00	0.00	0.00	0 - 00:00 hrs
332	☐	SWMH-G7-038	1.67	82.72	low Link Cro	8.07	0 - 10:04 hrs	0.00	56.64	0.00	3.24	65.60	0.00	0.00	0.00	0.00	0.00	0.00	0 - 00:00 hrs
333	☐	SWMH-G7-039	2.26	89.64	low Link Cro	10.29	0 - 10:04 hrs	0.00	56.69	0.00	3.24	65.28	0.00	0.00	0.00	0.00	0.00	0.00	0 - 00:00 hrs
334	☐	SWMH-G7-040	2.17	73.23	low Link Cro	7.08	0 - 10:04 hrs	0.00	59.04	0.00	3.35	37.90	0.00	0.00	0.00	0.00	0.00	0.00	0 - 00:00 hrs
335	☐	SWMH-G7-046	1.67	83.97	low Link Cro	8.08	0 - 10:04 hrs	0.00	20.18	0.00	1.09	338.38	0.00	0.00	0.00	0.00	0.00	0.00	0 - 00:00 hrs
336	☐	SWMH-G7-047	8.43	84.88	w Maximum	0.00	0 - 10:00 hrs	0.00	21.08	0.00	1.08	-164.68	0.21	5.87	0.00	0.00	0.00	2.49	0 - 10:00 hrs
337	☐	SWMH-G7-048	9.45	81.42	Surcharged	0.00	0 - 09:57 hrs	7.89	26.54	0.32	1.40	-45.91	0.47	6.95	0.00	0.00	0.00	5.43	0 - 09:57 hrs
338	☐	SWMH-G7-049	2.67	85.53	w Maximum	5.08	0 - 09:55 hrs	0.00	20.11	0.00	1.09	38.51	0.41	0.52	5.08	0.00	0.00	0.00	0 - 00:00 hrs
339	☐	SWMH-G7-050	7.13	90.81	Surcharged	0.00	0 - 09:53 hrs	0.00	20.10	0.00	1.09	109.75	0.46	4.92	0.00	0.00	0.00	1.34	0 - 09:53 hrs
340	☐	SWMH-G7-051	6.30	91.10	w Maximum	0.00	0 - 09:53 hrs	0.00	20.10	0.00	1.09	181.63	0.52	4.25	0.00	0.00	0.00	0.06	0 - 09:53 hrs
341	☐	SWMH-G7-052	6.67	91.93	w Maximum	0.13	0 - 09:53 hrs	0.00	20.11	0.00	1.09	-38.50	0.57	4.45	0.13	0.00	0.00	0.00	0 - 00:00 hrs
342	☐	SWMH-G7-053	7.22	93.72	Surcharged	0.00	0 - 09:53 hrs	26.02	26.02	1.10	1.10	0.00	0.59	5.22	0.00	0.01	0.18	5.93	0 - 09:59 hrs
343	☐	SWMH-G7-054	9.20	80.08	Surcharged	0.00	0 - 10:00 hrs	8.12	33.34	0.32	1.73	477.98	0.56	6.95	0.00	0.00	0.00	0.32	0 - 10:00 hrs

EXISTING CONDITIONS 5-YR 24-HR JUNCTIONS

		ID	Maximum Depth (ft)	Maximum HGL (ft)	Maximum HGL Head Class	Freeboard (ft)	Max.Depth Day-Time (day-time)	Maximum Lateral Inflow (cfs)	Maximum Total Inflow (cfs)	Lateral Inflow Volume (MG)	Total Inflow Volume (MG)	Flow Volume Difference (MG)	Total Surcharge Time (hrs)	Max.Surchar ge Height Above Crown	Min.Surchar ge Depth Below Rim (ft)	Total Flood Volume (MG)	Total Flood Time (hrs)	Maximum Flood Rate (cfs)	Max.Flood Day-Time (day-time)
344	☐	SWMH-G7-055	1.67	70.13	Flow Link Cross	5.93	0 - 09:59 hrs	0.00	31.57	0.00	1.33	31.65	0.00	0.00	0.00	0.00	0.00	0.00	0 - 00:00 hrs
345	☐	SWMH-G7-056	7.26	73.99	w Maximum Depth	2.24	0 - 09:59 hrs	0.00	33.34	0.00	1.73	113.27	0.42	4.76	2.24	0.00	0.00	0.00	0 - 00:00 hrs
346	☐	SWMH-G8-001	8.52	108.14	w Maximum Depth	0.00	0 - 09:52 hrs	0.00	22.33	0.00	1.74	-90.69	1.39	6.30	0.00	0.01	0.18	1.48	0 - 10:03 hrs
347	☐	SWMH-G8-002	8.25	109.63	w Maximum Depth	0.00	0 - 09:52 hrs	11.42	36.65	0.47	1.87	281.08	1.23	6.20	0.00	0.13	0.40	20.81	0 - 09:59 hrs
348	☐	SWMH-G8-003	9.82	112.68	w Maximum Depth	0.00	0 - 09:52 hrs	29.78	29.78	1.42	1.42	0.00	1.06	7.82	0.00	0.01	0.17	4.55	0 - 10:03 hrs
349	☐	SWMH-G8-007	9.20	114.76	Surcharged	0.00	0 - 09:56 hrs	7.86	29.14	0.27	1.56	101.58	0.62	6.70	0.00	0.00	0.00	10.04	0 - 09:56 hrs
350	☐	SWMH-G8-008	7.97	116.55	Surcharged	0.00	0 - 09:55 hrs	8.02	23.27	0.31	1.32	248.59	0.65	5.85	0.00	0.03	0.22	6.57	0 - 09:59 hrs
351	☐	SWMH-G8-009	8.12	117.47	Surcharged	0.00	0 - 09:55 hrs	23.64	23.64	1.06	1.06	0.00	0.71	6.12	0.00	0.05	0.28	10.75	0 - 09:59 hrs
352	☐	SWMH-G8-033	1.25	112.49	Flow Link Cross	7.00	0 - 10:04 hrs	3.47	3.47	0.12	0.12	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0 - 00:00 hrs
353	☐	SWMH-G8-034	8.30	117.53	w Maximum Depth	0.00	0 - 09:59 hrs	5.10	8.28	0.19	0.30	54.24	0.30	6.55	0.00	0.00	0.00	1.25	0 - 09:59 hrs
354	☐	SWMH-G8-035	0.94	108.17	Flow Link Cross	7.36	0 - 10:04 hrs	0.00	6.98	0.00	0.30	41.58	0.00	0.00	0.00	0.00	0.00	0.00	0 - 00:00 hrs
355	☐	SWMH-G8-036	0.76	101.22	Flow Link Cross	7.64	0 - 10:04 hrs	0.00	6.76	0.00	0.30	29.12	0.00	0.00	0.00	0.00	0.00	0.00	0 - 00:00 hrs
356	☐	SWMH-G8-062	7.95	109.58	w Maximum Depth	0.00	0 - 09:55 hrs	2.85	25.05	0.10	1.65	2.05	0.64	5.70	0.00	0.00	0.15	5.32	0 - 09:55 hrs
357	☐	SWMH-H2-001	8.05	42.49	w Maximum Depth	6.03	0 - 10:07 hrs	0.00	236.66	0.00	23.49	0.00	0.50	2.05	6.03	0.00	0.00	0.00	0 - 00:00 hrs
358	☐	SWMH-H2-002	5.28	41.75	Flow Link Cross	12.25	0 - 10:11 hrs	29.14	429.76	1.29	50.84	4,998.93	0.00	0.00	0.00	0.00	0.00	0.00	0 - 00:00 hrs
359	☐	SWMH-H2-003	2.49	44.17	Flow Link Cross	16.33	0 - 10:11 hrs	0.00	411.21	0.00	49.31	618.99	0.00	0.00	0.00	0.00	0.00	0.00	0 - 00:00 hrs
360	☐	SWMH-H2-004	9.10	43.38	w Maximum Depth	4.70	0 - 10:07 hrs	0.00	236.33	0.00	23.49	2,947.09	0.42	2.17	4.70	0.00	0.00	0.00	0 - 00:00 hrs
361	☐	SWMH-H3-001	5.95	59.74	Flow Link Cross	6.67	0 - 10:11 hrs	0.00	417.21	0.00	49.27	-6,214.40	0.00	0.00	0.00	0.00	0.00	0.00	0 - 00:00 hrs
362	☐	SWMH-H3-002	11.50	62.36	Surcharged	0.00	0 - 10:00 hrs	27.00	166.27	1.29	13.21	1,409.37	1.09	5.75	0.00	0.00	0.00	0.75	0 - 10:00 hrs
363	☐	SWMH-H3-003	12.30	69.71	w Maximum Depth	0.00	0 - 10:00 hrs	7.83	128.92	0.30	9.77	566.04	0.74	8.70	0.00	0.00	0.00	8.29	0 - 10:00 hrs
364	☐	SWMH-H3-004	13.30	73.96	Surcharged	0.00	0 - 10:00 hrs	0.00	112.63	0.00	8.74	963.97	0.84	7.25	0.00	0.00	0.00	15.25	0 - 10:00 hrs
365	☐	SWMH-H3-005	12.90	74.59	w Maximum Depth	0.00	0 - 10:00 hrs	0.00	52.04	0.00	2.97	1.45	0.61	4.35	0.00	0.00	0.00	11.23	0 - 10:00 hrs
366	☐	SWMH-H3-007	8.48	44.74	w Maximum Depth	8.52	0 - 10:07 hrs	0.00	229.97	0.00	18.16	1,225.91	0.06	1.98	8.52	0.00	0.00	0.00	0 - 00:00 hrs
367	☐	SWMH-H3-008	8.51	45.00	w Maximum Depth	8.52	0 - 10:07 hrs	0.00	232.41	0.00	18.12	2,029.82	0.03	2.01	8.52	0.00	0.00	0.00	0 - 00:00 hrs
368	☐	SWMH-H3-009	5.21	48.27	w Maximum Depth	6.29	0 - 00:00 hrs	0.00	79.73	0.00	4.16	-1,138.08	13.32	1.45	6.29	0.00	0.00	0.00	0 - 00:00 hrs
369	☐	SWMH-H3-010	5.84	49.10	w Maximum Depth	4.86	0 - 09:57 hrs	0.00	79.79	0.00	4.15	-1,177.31	13.67	2.29	4.86	0.00	0.00	0.00	0 - 00:00 hrs
370	☐	SWMH-H3-011	7.54	51.13	w Maximum Depth	3.26	0 - 09:57 hrs	0.00	79.67	0.00	4.14	-1,868.95	6.30	3.75	3.26	0.00	0.00	0.00	0 - 00:00 hrs
371	☐	SWMH-H3-012	7.40	51.85	w Maximum Depth	4.10	0 - 09:57 hrs	0.00	79.67	0.00	4.12	-2,586.54	0.93	3.90	4.10	0.00	0.00	0.00	0 - 00:00 hrs
372	☐	SWMH-H3-013	8.96	54.54	w Maximum Depth	4.56	0 - 09:57 hrs	0.00	79.66	0.00	4.11	-1,368.21	0.60	5.46	4.56	0.00	0.00	0.00	0 - 00:00 hrs
373	☐	SWMH-H3-014	9.24	55.26	w Maximum Depth	5.18	0 - 09:57 hrs	0.00	79.66	0.00	4.11	-402.76	0.61	5.74	5.18	0.00	0.00	0.00	0 - 00:00 hrs
374	☐	SWMH-H3-015	10.30	57.02	w Maximum Depth	6.48	0 - 09:57 hrs	25.87	79.66	1.18	4.11	123.16	0.64	6.80	6.48	0.00	0.00	0.00	0 - 00:00 hrs
375	☐	SWMH-H3-016	11.64	61.36	w Maximum Depth	3.06	0 - 09:57 hrs	0.00	56.46	0.00	2.92	-44.68	0.56	9.13	3.06	0.00	0.00	0.00	0 - 00:00 hrs
376	☐	SWMH-H3-017	14.25	65.02	Surcharged	0.00	0 - 09:57 hrs	15.78	53.91	0.71	2.92	255.07	0.47	11.75	0.00	0.00	0.00	8.36	0 - 09:57 hrs
377	☐	SWMH-H3-018	11.10	74.34	Surcharged	0.00	0 - 09:53 hrs	0.00	36.00	0.00	2.27	195.39	1.63	8.60	0.00	0.01	0.13	5.38	0 - 09:53 hrs
378	☐	SWMH-H3-020	9.05	75.16	w Maximum Depth	0.00	0 - 09:56 hrs	32.33	46.44	1.62	2.38	58.06	1.19	6.55	0.00	0.10	0.27	23.91	0 - 10:03 hrs
379	☐	SWMH-H3-025	1.98	64.67	Flow Link Cross	5.66	0 - 10:06 hrs	16.33	16.33	0.73	0.73	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0 - 00:00 hrs
380	☐	SWMH-H3-026	0.96	59.07	Flow Link Cross	8.14	0 - 10:00 hrs	0.00	17.79	0.00	2.44	54.38	0.00	0.00	0.00	0.00	0.00	0.00	0 - 00:00 hrs
381	☐	SWMH-H3-028	5.42	65.69	Surcharged	0.00	0 - 09:45 hrs	0.00	11.91	0.00	1.98	204.28	3.00	3.67	0.00	0.00	0.00	1.60	0 - 09:45 hrs
382	☐	SWMH-H3-029	5.10	66.80	Surcharged	0.00	0 - 09:45 hrs	0.00	11.90	0.00	1.98	67.47	2.94	3.13	0.00	0.00	0.00	0.02	0 - 09:45 hrs
383	☐	SWMH-H3-030	5.52	66.94	Surcharged	0.00	0 - 09:52 hrs	11.96	11.96	0.50	0.50	0.00	1.85	4.19	0.00	0.03	0.38	6.08	0 - 09:59 hrs
384	☐	SWMH-H3-031?	4.40	65.73	w Maximum Depth	0.20	0 - 09:52 hrs	0.00	5.89	0.00	0.46	-25.89	1.32	3.06	0.20	0.00	0.00	0.00	0 - 00:00 hrs
385	☐	SWMH-H3-032	3.18	64.01	w Maximum Depth	0.92	0 - 09:52 hrs	0.00	5.89	0.00	0.46	69.32	0.99	1.85	0.92	0.00	0.00	0.00	0 - 00:00 hrs
386	☐	SWMH-H3-033	4.80	67.67	w Maximum Depth	0.00	0 - 09:45 hrs	43.39	43.39	2.35	2.35	0.00	3.21	3.05	0.00	0.36	1.21	31.49	0 - 10:03 hrs
387	☐	SWMH-H4-001	5.00	77.95	Surcharged	0.00	0 - 09:55 hrs	0.00	17.44	0.00	0.49	13.49	1.17	2.75	0.00	0.11	0.38	17.44	0 - 10:03 hrs
388	☐	SWMH-H4-002	5.16	78.99	Surcharged	0.00	0 - 09:55 hrs	0.00	14.62	0.00	0.44	-76.86	0.81	1.55	0.00	0.00	0.00	14.20	0 - 09:55 hrs
389	☐	SWMH-H4-003	0.98	78.93	Flow Link Cross	2.58	0 - 09:59 hrs	10.19	10.19	0.44	0.44	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0 - 00:00 hrs
390	☐	SWMH-H4-004	5.04	78.12	Surcharged	0.00	0 - 09:55 hrs	22.98	22.98	1.14	1.14	0.00	1.32	3.04	0.00	0.09	0.37	18.49	0 - 10:03 hrs
391	☐	SWMH-H4-005	1.25	68.61	Flow Link Cross	2.90	0 - 10:03 hrs	0.00	45.83	0.00	2.19	62.44	0.00	0.00	0.00	0.00	0.00	0.00	0 - 00:00 hrs
392	☐	SWMH-H4-006	1.71	73.04	Flow Link Cross	3.83	0 - 10:06 hrs	6.83	21.15	0.27	0.95	97.19	0.00	0.00	0.00	0.00	0.00	0.00	0 - 00:00 hrs

EXISTING CONDITIONS 5-YR 24-HR JUNCTIONS

		ID	Maximum Depth (ft)	Maximum HGL (ft)	Maximum HGL Head Class	Freeboard (ft)	Max.Depth Day-Time (day-time)	Maximum Lateral Inflow (cfs)	Maximum Total Inflow (cfs)	Lateral Inflow Volume (MG)	Total Inflow Volume (MG)	Flow Volume Difference (MG)	Total Surcharge Time (hrs)	Max.Surchar ge Height Above Crown	Min.Surchar ge Depth Below Rim (ft)	Total Flood Volume (MG)	Total Flood Time (hrs)	Maximum Flood Rate (cfs)	Max.Flood Day-Time (day-time)
393	☐	SWMH-H4-007	1.56	73.05	low Link Cro	4.08	0 - 10:04 hrs	0.00	14.04	0.00	0.68	3.94	0.00	0.00	0.00	0.00	0.00	0.00	0 - 00:00 hrs
394	☐	SWMH-H4-010	8.90	79.62	Surcharged	0.00	0 - 09:57 hrs	0.00	15.09	0.00	0.75	18.44	0.83	6.65	0.00	0.00	0.00	10.90	0 - 09:57 hrs
395	☐	SWMH-H4-012	5.25	78.18	w Maximum	0.00	0 - 09:55 hrs	30.14	38.04	1.53	2.95	415.22	1.16	3.00	0.00	0.00	0.02	13.87	0 - 09:55 hrs
396	☐	SWMH-H4-013	1.84	73.24	low Link Cro	3.56	0 - 10:04 hrs	0.00	21.32	0.00	1.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0 - 00:00 hrs
397	☐	SWMH-H4-014	2.10	73.47	w Maximum	3.63	0 - 10:03 hrs	21.28	21.28	1.00	1.00	20.70	0.15	0.10	3.63	0.00	0.00	0.00	0 - 00:00 hrs
398	☐	SWMH-H4-015	1.11	69.09	low Link Cro	2.74	0 - 10:00 hrs	0.00	6.20	0.00	0.25	8.96	0.00	0.00	0.00	0.00	0.00	0.00	0 - 00:00 hrs
399	☐	SWMH-H4-016	1.23	68.77	low Link Cro	2.45	0 - 10:04 hrs	0.00	5.99	0.00	0.25	11.13	0.00	0.00	0.00	0.00	0.00	0.00	0 - 00:00 hrs
400	☐	SWMH-H4-017	6.00	79.43	w Maximum	0.00	0 - 09:59 hrs	17.04	17.04	0.76	0.76	0.00	0.59	4.00	0.00	0.01	0.13	8.49	0 - 09:59 hrs
401	☐	SWMH-H4-018	8.30	80.25	w Maximum	0.00	0 - 09:59 hrs	0.00	15.64	0.00	0.76	268.03	0.72	6.00	0.00	0.00	0.00	8.45	0 - 09:59 hrs
402	☐	SWMH-H5-002	5.10	78.52	Surcharged	0.00	0 - 09:52 hrs	0.00	37.23	0.00	3.94	186.59	2.20	2.60	0.00	0.10	0.57	8.62	0 - 10:11 hrs
403	☐	SWMH-H5-003	5.55	80.20	w Maximum	0.00	0 - 09:51 hrs	36.55	64.44	1.84	4.17	179.20	1.94	3.05	0.00	0.22	0.52	28.44	0 - 10:03 hrs
404	☐	SWMH-H5-004	5.90	82.34	w Maximum	0.00	0 - 09:52 hrs	12.60	31.18	0.53	2.34	56.24	1.64	3.22	0.00	0.01	0.21	8.55	0 - 09:52 hrs
405	☐	SWMH-H5-005	6.30	87.07	Surcharged	0.00	0 - 09:55 hrs	12.68	24.80	0.57	1.71	226.96	1.82	4.20	0.00	0.01	0.22	3.47	0 - 09:59 hrs
406	☐	SWMH-H5-007	12.30	84.37	Surcharged	0.00	0 - 09:56 hrs	0.00	32.61	0.00	2.21	186.87	1.27	9.68	0.00	0.00	0.00	7.31	0 - 09:56 hrs
407	☐	SWMH-H5-008	8.48	82.36	w Maximum	0.00	0 - 09:56 hrs	22.05	39.44	1.02	2.26	76.30	1.01	4.20	0.00	0.05	0.26	14.21	0 - 09:56 hrs
408	☐	SWMH-H5-009	5.55	84.52	w Maximum	0.00	0 - 09:55 hrs	0.00	26.64	0.00	1.25	391.87	1.08	3.55	0.00	0.01	0.26	7.65	0 - 09:55 hrs
409	☐	SWMH-H5-010	6.30	86.57	w Maximum	0.00	0 - 09:53 hrs	0.00	34.09	0.00	1.41	-15.65	0.98	3.65	0.00	0.00	0.00	5.99	0 - 09:53 hrs
410	☐	SWMH-H5-012	9.96	91.10	Surcharged	-5.00	0 - 09:48 hrs	38.53	38.53	2.09	2.09	0.00	3.57	8.21	0.00	0.25	0.88	26.20	0 - 10:03 hrs
411	☐	SWMH-H6-001	8.10	83.88	w Maximum	4.25	0 - 10:00 hrs	15.92	111.95	0.68	6.23	1,072.25	0.55	4.47	4.25	0.00	0.00	0.00	0 - 00:00 hrs
412	☐	SWMH-H6-002	10.90	89.56	Surcharged	0.00	0 - 10:00 hrs	0.00	99.26	0.00	5.48	238.17	0.45	7.33	0.00	0.00	0.00	12.79	0 - 10:00 hrs
413	☐	SWMH-H6-003	11.44	92.65	w Maximum	0.00	0 - 10:00 hrs	0.00	101.47	0.00	5.49	297.65	0.33	7.75	0.00	0.00	0.00	10.28	0 - 10:00 hrs
414	☐	SWMH-H6-004	13.30	95.35	w Maximum	0.00	0 - 10:00 hrs	11.05	101.44	0.45	5.49	361.46	0.57	9.50	0.00	0.00	0.00	0.18	0 - 10:00 hrs
415	☐	SWMH-H6-006	3.13	85.37	w Maximum	7.57	0 - 09:56 hrs	0.00	48.25	0.00	3.04	18.40	0.38	0.63	7.57	0.00	0.00	0.00	0 - 00:00 hrs
416	☐	SWMH-H6-009	1.29	82.41	low Link Cro	8.02	0 - 09:59 hrs	8.81	8.81	0.34	0.34	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0 - 00:00 hrs
417	☐	SWMH-H6-010	1.68	80.98	low Link Cro	7.80	0 - 10:04 hrs	0.00	8.26	0.00	0.33	250.76	0.00	0.00	0.00	0.00	0.00	0.00	0 - 00:00 hrs
418	☐	SWMH-H7-001	3.26	62.97	low Link Cro	4.97	0 - 10:07 hrs	17.31	71.79	0.68	3.17	286.37	0.00	0.00	0.00	0.00	0.00	0.00	0 - 00:00 hrs
419	☐	SWMH-H7-002	3.64	63.12	low Link Cro	5.16	0 - 10:06 hrs	0.00	66.66	0.00	2.49	420.16	0.00	0.00	0.00	0.00	0.00	0.00	0 - 00:00 hrs
420	☐	SWMH-H7-003	2.54	64.77	low Link Cro	6.26	0 - 10:06 hrs	7.98	54.81	0.30	2.50	127.32	0.00	0.00	0.00	0.00	0.00	0.00	0 - 00:00 hrs
421	☐	SWMH-H7-004	1.96	64.74	low Link Cro	5.68	0 - 10:03 hrs	0.00	48.29	0.00	2.20	79.54	0.00	0.00	0.00	0.00	0.00	0.00	0 - 00:00 hrs
422	☐	SWMH-H7-005	2.29	65.67	low Link Cro	5.41	0 - 10:03 hrs	0.00	48.27	0.00	2.20	82.26	0.00	0.00	0.00	0.00	0.00	0.00	0 - 00:00 hrs
423	☐	SWMH-H7-006	2.31	66.08	low Link Cro	5.49	0 - 10:02 hrs	0.00	48.26	0.00	2.20	155.10	0.00	0.00	0.00	0.00	0.00	0.00	0 - 00:00 hrs
424	☐	SWMH-H7-007	2.45	66.51	low Link Cro	5.45	0 - 10:02 hrs	0.00	48.29	0.00	2.20	79.03	0.00	0.00	0.00	0.00	0.00	0.00	0 - 00:00 hrs
425	☐	SWMH-H7-008	1.86	66.90	low Link Cro	6.14	0 - 10:02 hrs	0.00	48.31	0.00	2.20	41.33	0.00	0.00	0.00	0.00	0.00	0.00	0 - 00:00 hrs
426	☐	SWMH-H7-009	2.95	68.29	low Link Cro	5.38	0 - 10:02 hrs	0.00	48.67	0.00	2.20	215.84	0.00	0.00	0.00	0.00	0.00	0.00	0 - 00:00 hrs
427	☐	SWMH-H7-011	2.25	67.33	low Link Cro	6.40	0 - 10:04 hrs	0.00	33.34	0.00	1.76	378.54	0.00	0.00	0.00	0.00	0.00	0.00	0 - 00:00 hrs
428	☐	SWMH-H7-012	2.18	67.74	low Link Cro	6.32	0 - 10:03 hrs	0.00	33.34	0.00	1.74	265.94	0.00	0.00	0.00	0.00	0.00	0.00	0 - 00:00 hrs
429	☐	SWMH-H7-013	10.55	72.59	Surcharged	0.00	0 - 09:57 hrs	17.36	17.36	0.78	0.78	0.00	0.79	8.45	0.00	0.00	0.08	0.72	0 - 09:59 hrs
430	☐	SWMH-H7-014	8.17	69.63	w Maximum	0.23	0 - 10:04 hrs	0.00	24.14	0.00	1.11	22.99	0.64	6.03	0.23	0.00	0.00	0.00	0 - 00:00 hrs
431	☐	SWMH-H7-015	6.46	65.65	w Maximum	1.75	0 - 10:04 hrs	0.00	24.13	0.00	1.12	278.95	1.01	4.46	1.75	0.00	0.00	0.00	0 - 00:00 hrs
432	☐	SWMH-H7-016	0.51	59.36	low Link Cro	5.69	0 - 09:59 hrs	1.18	1.18	0.04	0.04	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0 - 00:00 hrs
433	☐	SWMH-H7-017	1.22	59.94	low Link Cro	6.48	0 - 09:59 hrs	11.10	11.10	0.46	0.46	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0 - 00:00 hrs
434	☐	SWMH-H7-020	3.68	61.99	low Link Cro	4.32	0 - 10:07 hrs	0.00	90.13	0.00	4.35	863.27	0.00	0.00	0.00	0.00	0.00	0.00	0 - 00:00 hrs
435	☐	SWMH-H7-021	10.20	72.29	w Maximum	0.00	0 - 09:57 hrs	8.64	25.27	0.34	1.12	140.02	0.77	8.20	0.00	0.00	0.11	1.57	0 - 10:03 hrs
436	☐	SWMH-H7-069	3.01	58.97	low Link Cro	6.69	0 - 00:01 hrs	0.00	30.50	0.00	0.90	959.20	0.00	0.00	0.00	0.00	0.00	0.00	0 - 00:00 hrs
437	☐	SWMH-H7-070	3.60	62.57	low Link Cro	4.65	0 - 10:07 hrs	0.00	69.80	0.00	3.18	427.55	0.00	0.00	0.00	0.00	0.00	0.00	0 - 00:00 hrs
438	☐	SWMH-H7-071	3.86	62.36	low Link Cro	4.60	0 - 10:07 hrs	0.00	69.04	0.00	3.20	1,111.27	0.00	0.00	0.00	0.00	0.00	0.00	0 - 00:00 hrs
439	☐	SWMH-H7-072	3.57	61.42	low Link Cro	4.13	0 - 10:07 hrs	0.00	89.63	0.00	4.37	1,357.14	0.00	0.00	0.00	0.00	0.00	0.00	0 - 00:00 hrs
440	☐	SWMH-H7-073	2.01	61.78	low Link Cro	8.14	0 - 09:59 hrs	0.00	15.79	0.00	0.69	85.15	0.00	0.00	0.00	0.00	0.00	0.00	0 - 00:00 hrs
441	☐	SWMH-H7-074	1.35	59.98	low Link Cro	5.95	0 - 10:00 hrs	0.00	15.44	0.00	0.69	16.27	0.00	0.00	0.00	0.00	0.00	0.00	0 - 00:00 hrs

EXISTING CONDITIONS 5-YR 24-HR JUNCTIONS

		ID	Maximum Depth (ft)	Maximum HGL (ft)	Maximum HGL Head Class	Freeboard (ft)	Max.Depth Day-Time (day-time)	Maximum Lateral Inflow (cfs)	Maximum Total Inflow (cfs)	Lateral Inflow Volume (MG)	Total Inflow Volume (MG)	Flow Volume Difference (MG)	Total Surcharge Time (hrs)	Max.Surchar ge Height Above Crown	Min.Surchar ge Depth Below Rim (ft)	Total Flood Volume (MG)	Total Flood Time (hrs)	Maximum Flood Rate (cfs)	Max.Flood Day-Time (day-time)
442	☐	SWMH-H7-075	1.74	58.71	low Link Cro	5.76	0 - 00:03 hrs	0.00	19.00	0.00	0.88	846.66	0.00	0.00	0.00	0.00	0.00	0.00	0 - 00:00 hrs
443	☐	SWMH-H7-076	1.39	58.96	low Link Cro	4.18	0 - 10:00 hrs	0.00	15.42	0.00	0.69	106.75	0.00	0.00	0.00	0.00	0.00	0.00	0 - 00:00 hrs
444	☐	SWMH-H7-077	0.65	58.94	low Link Cro	4.80	0 - 09:59 hrs	4.21	4.21	0.16	0.16	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0 - 00:00 hrs
445	☐	SWMH-H7-083	1.38	61.97	low Link Cro	8.52	0 - 09:59 hrs	0.00	16.15	0.00	0.69	13.51	0.00	0.00	0.00	0.00	0.00	0.00	0 - 00:00 hrs
446	☐	SWMH-H7-084	2.59	63.56	w Maximum D	7.86	0 - 09:59 hrs	16.11	16.11	0.69	0.69	0.00	0.29	0.59	7.86	0.00	0.00	0.00	0 - 00:00 hrs
447	☐	SWMH-H8-001	1.94	65.68	low Link Cro	16.32	0 - 09:59 hrs	17.68	88.26	0.78	4.81	78.99	0.00	0.00	0.00	0.00	0.00	0.00	0 - 00:00 hrs
448	☐	SWMH-H8-002	2.00	81.61	low Link Cro	10.42	0 - 09:59 hrs	0.00	49.91	0.00	3.17	76.83	0.00	0.00	0.00	0.00	0.00	0.00	0 - 00:00 hrs
449	☐	SWMH-H8-003	3.79	83.71	w Maximum D	8.01	0 - 09:56 hrs	0.00	49.80	0.00	3.17	14.30	0.41	0.94	8.01	0.00	0.00	0.00	0 - 00:00 hrs
450	☐	SWMH-H8-004	5.69	87.08	w Maximum D	6.73	0 - 09:56 hrs	3.64	49.78	0.12	3.17	141.92	0.50	2.47	6.73	0.00	0.00	0.00	0 - 00:00 hrs
451	☐	SWMH-H8-005	9.86	97.46	w Maximum D	2.54	0 - 09:56 hrs	4.02	40.30	0.14	2.82	-7.27	0.80	7.56	2.54	0.00	0.00	0.00	0 - 00:00 hrs
452	☐	SWMH-H8-006	10.30	101.60	w Maximum D	0.40	0 - 09:56 hrs	5.04	37.54	0.18	2.69	75.81	0.60	8.04	0.40	0.00	0.00	0.00	0 - 00:00 hrs
453	☐	SWMH-H8-007	10.25	103.82	w Maximum D	0.00	0 - 09:56 hrs	6.82	33.74	0.25	2.51	125.38	0.83	8.00	0.00	0.00	0.00	0.37	0 - 09:56 hrs
454	☐	SWMH-H8-008	10.17	104.72	w Maximum D	0.28	0 - 09:56 hrs	0.00	29.08	0.00	2.26	40.20	0.98	7.92	0.28	0.00	0.00	0.00	0 - 00:00 hrs
455	☐	SWMH-H8-009	10.30	107.04	w Maximum D	0.00	0 - 09:56 hrs	12.43	29.08	0.53	2.26	174.70	1.32	8.15	0.00	0.00	0.00	0.66	0 - 09:56 hrs
456	☐	SWMH-H8-010	9.00	107.56	w Maximum D	0.00	0 - 09:52 hrs	0.00	22.33	0.00	1.73	41.89	1.02	6.10	0.00	0.00	0.00	4.23	0 - 09:52 hrs
457	☐	SWMH-H8-011	10.00	96.91	w Maximum D	0.00	0 - 09:56 hrs	28.99	66.25	1.33	4.14	191.86	0.53	7.40	0.00	0.00	0.00	6.98	0 - 09:56 hrs
458	☐	SWMH-H8-013	9.64	99.69	w Maximum D	0.66	0 - 09:56 hrs	3.52	36.76	0.12	2.51	170.86	1.26	7.39	0.66	0.00	0.00	0.00	0 - 00:00 hrs
459	☐	SWMH-H8-014	8.25	99.93	Surcharged	0.00	0 - 09:53 hrs	0.00	41.57	0.00	2.46	79.18	1.11	6.10	0.00	0.08	0.28	16.17	0 - 10:03 hrs
460	☐	SWMH-H8-015	9.65	105.73	Surcharged	0.00	0 - 09:57 hrs	18.55	41.61	0.81	2.46	31.76	0.84	7.38	0.00	0.00	0.00	0.06	0 - 09:59 hrs
461	☐	SWMH-H8-023	1.56	76.99	low Link Cro	8.49	0 - 09:59 hrs	17.28	70.86	0.72	4.04	35.45	0.00	0.00	0.00	0.00	0.00	0.00	0 - 00:00 hrs
462	☐	SWMH-H8-024	0.65	85.66	low Link Cro	8.25	0 - 09:59 hrs	4.54	4.54	0.15	0.15	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0 - 00:00 hrs
463	☐	SWMH-H8-026	0.72	96.44	low Link Cro	8.58	0 - 09:59 hrs	6.12	6.12	0.22	0.22	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0 - 00:00 hrs
464	☐	SWMH-H8-027	0.72	89.95	low Link Cro	8.68	0 - 09:59 hrs	0.00	6.00	0.00	0.22	10.47	0.00	0.00	0.00	0.00	0.00	0.00	0 - 00:00 hrs
465	☐	SWMH-H8-028	8.28	92.81	w Maximum D	4.92	0 - 09:56 hrs	0.00	40.32	0.00	2.82	50.67	0.90	6.03	4.92	0.00	0.00	0.00	0 - 00:00 hrs
466	☐	SWMH-H8-035	0.00	77.18	low Link Inve	7.90	0 - 00:00 hrs	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0 - 00:00 hrs
467	☐	SWMH-H8-062	3.33	61.13	low Link Cro	8.27	0 - 10:07 hrs	0.00	126.13	0.00	11.19	150.69	0.00	0.00	0.00	0.00	0.00	0.00	0 - 00:00 hrs
468	☐	SWMH-H8-063	4.20	64.47	low Link Cro	7.00	0 - 10:04 hrs	0.00	126.27	0.00	11.19	175.55	0.00	0.00	0.00	0.00	0.00	0.00	0 - 00:00 hrs
469	☐	SWMH-H8-064	3.73	62.55	low Link Cro	4.57	0 - 10:04 hrs	0.00	126.18	0.00	11.19	380.51	0.00	0.00	0.00	0.00	0.00	0.00	0 - 00:00 hrs
470	☐	SWMH-H8-065	0.71	78.12	low Link Cro	7.19	0 - 09:59 hrs	0.00	4.34	0.00	0.15	4.53	0.00	0.00	0.00	0.00	0.00	0.00	0 - 00:00 hrs
471	☐	SWMH-H8-067	9.30	96.92	w Maximum D	0.00	0 - 09:56 hrs	0.00	36.75	0.00	2.51	50.67	0.59	6.63	0.00	0.00	0.00	1.66	0 - 09:57 hrs
472	☐	SWMH-H9-001	1.69	93.69	low Link Cro	14.51	0 - 10:03 hrs	0.00	31.09	0.00	1.40	724.06	0.00	0.00	0.00	0.00	0.00	0.00	0 - 00:00 hrs
473	☐	SWMH-H9-002	1.61	93.36	low Link Cro	15.25	0 - 10:04 hrs	0.00	30.97	0.00	1.40	-525.10	0.00	0.00	0.00	0.00	0.00	0.00	0 - 00:00 hrs
474	☐	SWMH-H9-003	8.25	86.49	w Maximum D	0.00	0 - 09:57 hrs	0.00	63.72	0.00	4.14	38.85	0.39	5.35	0.00	0.00	0.00	4.31	0 - 09:57 hrs
475	☐	SWMH-H9-005	6.22	111.59	w Maximum D	1.80	0 - 09:59 hrs	0.00	31.09	0.00	1.40	75.50	0.33	4.22	1.80	0.00	0.00	0.00	0 - 00:00 hrs
476	☐	SWMH-H9-006	4.39	108.53	w Maximum D	3.51	0 - 09:59 hrs	0.00	31.09	0.00	1.40	9.25	0.38	2.19	3.51	0.00	0.00	0.00	0 - 00:00 hrs
477	☐	SWMH-H9-007	6.69	79.16	w Maximum D	2.61	0 - 09:57 hrs	0.00	63.42	0.00	4.14	72.11	0.52	4.19	2.61	0.00	0.00	0.00	0 - 00:00 hrs
478	☐	SWMH-I2-001	11.00	42.94	Surcharged	0.00	0 - 00:00 hrs	28.06	299.42	1.37	26.72	7,959.40	1.65	5.00	0.00	0.01	0.00	192.83	0 - 00:00 hrs
479	☐	SWMH-I2-002	7.43	41.07	w Maximum D	6.07	0 - 10:07 hrs	35.48	266.35	1.76	25.31	7,435.46	0.47	1.43	6.07	0.00	0.00	0.00	0 - 00:00 hrs
480	☐	SWMH-I2-003	10.85	42.24	Surcharged	0.00	0 - 00:01 hrs	10.20	453.45	0.42	51.68	19,305.87	2.83	3.85	0.00	0.02	0.00	387.16	0 - 00:01 hrs
481	☐	SWMH-I3-002	4.15	40.53	w Maximum D	3.21	0 - 10:00 hrs	0.00	7.95	0.00	0.03	-62.74	0.28	1.65	3.21	0.00	0.00	0.00	0 - 00:00 hrs
482	☐	SWMH-I3-003	1.78	39.72	low Link Cro	5.72	0 - 10:04 hrs	0.00	5.79	0.00	0.01	9.98	0.00	0.00	0.00	0.00	0.00	0.00	0 - 00:00 hrs
483	☐	SWMH-I3-004	0.00	48.44	low Link Inve	11.56	0 - 00:00 hrs	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0 - 00:00 hrs
484	☐	SWMH-I3-010	10.81	44.40	w Maximum D	5.87	0 - 10:04 hrs	23.11	95.11	0.97	4.47	533.17	0.53	5.20	5.87	0.00	0.00	0.00	0 - 00:00 hrs
485	☐	SWMH-I4-001	1.33	69.98	low Link Cro	4.87	0 - 09:59 hrs	0.00	34.96	0.00	3.27	124.90	0.00	0.00	0.00	0.00	0.00	0.00	0 - 00:00 hrs
486	☐	SWMH-I4-002	6.42	76.44	w Maximum D	0.60	0 - 09:52 hrs	0.00	34.95	0.00	3.28	445.62	1.85	3.92	0.60	0.00	0.00	0.00	0 - 00:00 hrs
487	☐	SWMH-I4-003	6.96	77.85	w Maximum D	0.09	0 - 09:55 hrs	21.76	34.95	1.06	3.29	294.69	1.93	4.45	0.09	0.00	0.00	0.00	0 - 00:00 hrs
488	☐	SWMH-I4-004	6.35	77.71	w Maximum D	0.00	0 - 09:55 hrs	0.00	0.65	0.00	0.01	0.00	1.96	4.35	0.00	0.00	0.00	0.03	0 - 09:55 hrs
489	☐	SWMH-I4-005	6.86	40.42	w Maximum D	3.40	0 - 10:04 hrs	41.53	181.23	2.15	9.42	2,307.75	0.19	1.20	3.40	0.00	0.00	0.00	0 - 00:00 hrs
490	☐	SWMH-I4-007	15.72	54.92	w Maximum D	0.00	0 - 10:00 hrs	0.00	74.65	0.00	3.49	86.46	0.36	11.90	0.00	0.00	0.00	7.27	0 - 10:00 hrs

EXISTING CONDITIONS 5-YR 24-HR JUNCTIONS

		ID	Maximum Depth (ft)	Maximum HGL (ft)	Maximum HGL Head Class	Freeboard (ft)	Max.Depth Day-Time (day-time)	Maximum Lateral Inflow (cfs)	Maximum Total Inflow (cfs)	Lateral Inflow Volume (MG)	Total Inflow Volume (MG)	Flow Volume Difference (MG)	Total Surcharge Time (hrs)	Max.Surchar ge Height Above Ground (ft)	Min.Surchar ge Depth Below Rim (ft)	Total Flood Volume (MG)	Total Flood Time (hrs)	Maximum Flood Rate (cfs)	Max.Flood Day-Time (day-time)
491	☐	SWMH-I4-008	11.32	53.49	Surcharged	0.00	0 - 10:04 hrs	0.00	74.72	0.00	3.48	-136.05	0.07	7.50	0.00	0.00	0.00	5.14	0 - 10:04 hrs
492	☐	SWMH-I4-010	2.71	53.46	Flow Link Cross	12.69	0 - 10:04 hrs	15.37	75.10	0.60	3.49	701.15	0.00	0.00	0.00	0.00	0.00	0.00	0 - 00:00 hrs
493	☐	SWMH-I4-011	1.46	60.79	Flow Link Cross	6.21	0 - 10:03 hrs	15.74	38.27	0.70	1.80	-15.22	0.00	0.00	0.00	0.00	0.00	0.00	0 - 00:00 hrs
494	☐	SWMH-I4-012	9.87	44.11	w Maximum Depth	5.33	0 - 09:59 hrs	0.00	141.63	0.00	7.24	1,571.60	0.48	4.87	5.33	0.00	0.00	0.00	0 - 00:00 hrs
495	☐	SWMH-I4-013	9.25	43.58	w Maximum Depth	7.10	0 - 10:04 hrs	0.00	95.12	0.00	4.47	703.60	0.49	4.25	7.10	0.00	0.00	0.00	0 - 00:00 hrs
496	☐	SWMH-I4-014	13.60	50.07	Surcharged	0.00	0 - 09:59 hrs	15.37	50.01	0.66	2.75	106.28	0.75	11.40	0.00	0.00	0.00	10.86	0 - 09:59 hrs
497	☐	SWMH-I4-015	12.95	63.49	w Maximum Depth	0.00	0 - 09:56 hrs	38.73	38.73	2.11	2.11	0.00	0.58	10.95	0.00	0.01	0.16	5.67	0 - 10:03 hrs
498	☐	SWMH-I4-019	13.94	61.29	w Maximum Depth	0.61	0 - 09:59 hrs	0.00	35.15	0.00	2.10	203.05	0.64	11.93	0.61	0.00	0.00	0.00	0 - 00:00 hrs
499	☐	SWMH-I4-023	1.05	60.69	Flow Link Cross	7.31	0 - 10:04 hrs	0.00	22.84	0.00	1.09	37.17	0.00	0.00	0.00	0.00	0.00	0.00	0 - 00:00 hrs
500	☐	SWMH-I5-001	6.45	58.56	w Maximum Depth	0.00	0 - 09:56 hrs	0.00	82.05	0.00	8.22	72.61	1.09	3.30	0.00	0.00	0.00	9.93	0 - 09:56 hrs
501	☐	SWMH-I5-002	6.06	62.77	w Maximum Depth	0.00	0 - 09:56 hrs	10.93	82.89	0.47	8.26	546.44	0.94	3.06	0.00	0.03	0.27	12.63	0 - 09:56 hrs
502	☐	SWMH-I5-003	6.33	67.17	w Maximum Depth	4.27	0 - 09:57 hrs	0.00	34.89	0.00	3.27	28.74	0.55	3.53	4.27	0.00	0.00	0.00	0 - 00:00 hrs
503	☐	SWMH-I5-005	5.81	71.93	w Maximum Depth	0.02	0 - 09:56 hrs	0.00	44.91	0.00	4.52	159.07	1.28	3.31	0.02	0.00	0.00	0.00	0 - 00:00 hrs
504	☐	SWMH-I5-006	5.40	74.12	Surcharged	0.00	0 - 09:55 hrs	16.07	45.74	0.71	4.56	543.18	1.25	2.90	0.00	0.03	0.28	6.45	0 - 09:59 hrs
505	☐	SWMH-I5-007	5.72	77.63	Surcharged	0.00	0 - 09:56 hrs	0.00	37.25	0.00	3.84	42.23	1.21	2.88	0.00	0.00	0.00	5.77	0 - 09:56 hrs
506	☐	SWMH-I5-008	5.30	78.08	Surcharged	0.00	0 - 09:56 hrs	0.00	37.23	0.00	3.84	234.01	1.80	2.80	0.00	0.00	0.00	0.30	0 - 09:56 hrs
507	☐	SWMH-I5-009	9.10	50.43	w Maximum Depth	0.00	0 - 00:03 hrs	0.00	47.20	0.00	3.30	1,948.03	2.22	6.55	0.00	0.00	0.00	10.46	0 - 00:03 hrs
508	☐	SWMH-I5-010	1.45	68.63	Flow Link Cross	11.45	0 - 09:59 hrs	0.00	47.47	0.00	3.27	157.85	0.00	0.00	0.00	0.00	0.00	0.00	0 - 00:00 hrs
509	☐	SWMH-I5-011	7.55	75.74	w Maximum Depth	6.20	0 - 09:57 hrs	0.00	47.48	0.00	3.27	31.15	1.45	4.90	6.20	0.00	0.00	0.00	0 - 00:00 hrs
510	☐	SWMH-I5-012	13.40	83.66	w Maximum Depth	0.00	0 - 09:57 hrs	17.40	53.49	0.73	3.27	210.43	0.51	7.45	0.00	0.00	0.00	9.56	0 - 09:57 hrs
511	☐	SWMH-I5-013	5.65	76.72	Surcharged	0.00	0 - 09:55 hrs	0.00	36.79	0.00	3.84	-136.53	1.16	3.15	0.00	0.00	0.00	2.16	0 - 09:55 hrs
512	☐	SWMH-I8-001	9.80	92.90	Surcharged	0.00	0 - 10:04 hrs	9.92	105.87	0.39	7.95	-46.54	0.13	5.75	0.00	0.00	0.00	3.66	0 - 10:04 hrs
513	☐	SWMH-I8-002	3.86	92.10	Flow Link Cross	6.49	0 - 10:04 hrs	11.04	79.66	0.46	6.68	854.31	0.00	0.00	0.00	0.00	0.00	0.00	0 - 00:00 hrs
514	☐	SWMH-I8-003	3.02	93.80	Flow Link Cross	11.03	0 - 10:04 hrs	16.70	69.86	0.75	6.23	522.78	0.00	0.00	0.00	0.00	0.00	0.00	0 - 00:00 hrs
515	☐	SWMH-I8-004	2.35	95.96	Flow Link Cross	11.42	0 - 10:04 hrs	0.00	53.75	0.00	5.48	343.94	0.00	0.00	0.00	0.00	0.00	0.00	0 - 00:00 hrs
516	☐	SWMH-I8-005	0.75	97.60	Flow Link Cross	8.37	0 - 09:59 hrs	0.00	11.65	0.00	0.48	6.47	0.00	0.00	0.00	0.00	0.00	0.00	0 - 00:00 hrs
517	☐	SWMH-I8-006	8.85	58.19	Surcharged	0.00	0 - 00:00 hrs	0.00	50.70	0.00	1.13	1,401.45	47.98	5.85	0.00	0.00	0.00	36.23	0 - 00:00 hrs
518	☐	SWMH-I8-007	0.98	93.41	Flow Link Cross	6.72	0 - 10:03 hrs	2.15	24.84	0.08	1.13	38.06	0.00	0.00	0.00	0.00	0.00	0.00	0 - 00:00 hrs
519	☐	SWMH-I8-008	4.11	98.75	w Maximum Depth	3.39	0 - 09:56 hrs	7.17	23.22	0.28	1.05	51.10	0.38	2.01	3.39	0.00	0.00	0.00	0 - 00:00 hrs
520	☐	SWMH-I8-009	4.57	102.03	w Maximum Depth	3.83	0 - 09:59 hrs	0.00	17.36	0.00	0.77	87.01	0.21	2.57	3.83	0.00	0.00	0.00	0 - 00:00 hrs
521	☐	SWMH-I8-010	7.27	106.35	w Maximum Depth	0.88	0 - 09:59 hrs	0.00	17.35	0.00	0.77	19.31	0.69	5.27	0.88	0.00	0.00	0.00	0 - 00:00 hrs
522	☐	SWMH-I8-011	6.81	107.12	Surcharged	0.00	0 - 09:59 hrs	17.35	17.35	0.77	0.77	0.00	0.61	5.31	0.00	0.00	0.03	0.32	0 - 10:03 hrs
523	☐	SWMH-I8-013	1.99	87.02	Flow Link Cross	11.21	0 - 10:04 hrs	4.38	123.70	0.15	11.07	193.96	0.00	0.00	0.00	0.00	0.00	0.00	0 - 00:00 hrs
524	☐	SWMH-I8-014	2.41	98.81	Flow Link Cross	13.19	0 - 10:04 hrs	0.00	113.38	0.00	10.65	599.50	0.00	0.00	0.00	0.00	0.00	0.00	0 - 00:00 hrs
525	☐	SWMH-I8-015	2.42	108.59	Flow Link Cross	7.03	0 - 09:59 hrs	0.00	113.42	0.00	10.65	195.95	0.00	0.00	0.00	0.00	0.00	0.00	0 - 00:00 hrs
526	☐	SWMH-I8-016	6.47	113.77	w Maximum Depth	3.88	0 - 09:59 hrs	12.06	97.57	0.49	9.90	1,060.91	1.96	2.87	3.88	0.00	0.00	0.00	0 - 00:00 hrs
527	☐	SWMH-I8-017	8.57	116.86	w Maximum Depth	2.68	0 - 09:59 hrs	11.74	85.50	0.47	9.42	825.13	2.21	4.97	2.68	0.00	0.00	0.00	0 - 00:00 hrs
528	☐	SWMH-I8-018	0.54	90.57	Flow Link Cross	7.66	0 - 09:59 hrs	0.00	3.76	0.00	0.13	6.72	0.00	0.00	0.00	0.00	0.00	0.00	0 - 00:00 hrs
529	☐	SWMH-I8-019	1.80	112.23	Flow Link Cross	6.20	0 - 10:04 hrs	0.00	17.17	0.00	0.76	69.34	0.00	0.00	0.00	0.00	0.00	0.00	0 - 00:00 hrs
530	☐	SWMH-I8-020	2.97	92.67	Flow Link Cross	8.03	0 - 10:04 hrs	0.00	69.56	0.00	6.22	425.97	0.00	0.00	0.00	0.00	0.00	0.00	0 - 00:00 hrs
531	☐	SWMH-I8-024	6.31	108.32	w Maximum Depth	0.84	0 - 09:59 hrs	11.65	11.65	0.48	0.48	0.00	0.52	4.81	0.84	0.00	0.00	0.00	0 - 00:00 hrs
532	☐	SWMH-I8-036	0.47	91.15	Flow Link Cross	7.83	0 - 09:59 hrs	3.85	3.85	0.13	0.13	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0 - 00:00 hrs
533	☐	SWMH-I8-041	1.87	74.27	Flow Link Cross	10.18	0 - 09:59 hrs	3.32	126.28	0.12	11.20	223.44	0.00	0.00	0.00	0.00	0.00	0.00	0 - 00:00 hrs
534	☐	SWMH-I9-001	17.28	134.78	Surcharged	-5.00	0 - 09:52 hrs	19.58	35.03	0.88	3.99	185.02	1.39	14.78	0.00	0.00	0.00	4.19	0 - 09:52 hrs
535	☐	SWMH-I9-002	7.68	115.67	Surcharged	0.00	0 - 09:59 hrs	12.87	31.29	0.54	1.40	-20.94	0.26	5.68	0.00	0.00	0.00	1.93	0 - 09:59 hrs
536	☐	SWMH-I9-003	5.23	115.84	w Maximum Depth	2.65	0 - 10:03 hrs	19.26	19.26	0.87	0.86	0.00	0.05	3.23	2.65	0.00	0.00	0.00	0 - 00:00 hrs
537	☐	SWMH-I9-008	1.86	113.29	Flow Link Cross	6.59	0 - 09:59 hrs	17.58	17.58	0.76	0.76	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0 - 00:00 hrs
538	☐	SWMH-J2-001	6.49	39.52	w Maximum Depth	4.48	0 - 09:59 hrs	0.00	119.79	0.00	6.53	8,012.55	0.08	0.48	4.48	0.00	0.00	0.00	0 - 00:00 hrs
539	☐	SWMH-J2-002	6.35	40.26	w Maximum Depth	0.77	0 - 09:59 hrs	0.00	46.74	0.00	2.76	2,270.47	39.75	2.85	0.77	0.00	0.00	0.00	0 - 00:00 hrs

EXISTING CONDITIONS 5-YR 24-HR JUNCTIONS

		ID	Maximum Depth (ft)	Maximum HGL (ft)	Maximum HGL Head Class	Freeboard (ft)	Max.Depth Day-Time (day-time)	Maximum Lateral Inflow (cfs)	Maximum Total Inflow (cfs)	Lateral Inflow Volume (MG)	Total Inflow Volume (MG)	Flow Volume Difference (MG)	Total Surcharge Time (hrs)	Max.Surchar ge Height Above Crown	Min.Surchar ge Depth Below Rim (ft)	Total Flood Volume (MG)	Total Flood Time (hrs)	Maximum Flood Rate (cfs)	Max.Flood Day-Time (day-time)
540	☐	SWMH-J2-003	6.44	40.35	w Maximum	1.74	0 - 09:59 hrs	0.00	46.74	0.00	2.79	2,923.43	39.72	2.93	1.74	0.00	0.00	0.00	0 - 00:00 hrs
541	☐	SWMH-J2-004	6.00	40.99	w Maximum	2.50	0 - 09:59 hrs	9.51	31.02	0.38	1.97	2,959.72	38.95	2.75	2.50	0.00	0.00	0.00	0 - 00:00 hrs
542	☐	SWMH-J2-005	5.64	41.96	w Maximum	2.66	0 - 09:59 hrs	0.00	22.00	0.00	1.60	2,063.93	1.94	3.01	2.66	0.00	0.00	0.00	0 - 00:00 hrs
543	☐	SWMH-J2-007	6.65	45.45	Surcharged	0.00	0 - 09:52 hrs	31.64	31.64	1.55	1.55	0.00	1.29	4.55	0.00	0.06	0.33	13.37	0 - 09:59 hrs
544	☐	SWMH-J2-008	5.41	39.98	w Maximum	3.49	0 - 09:56 hrs	0.00	74.00	0.00	3.81	2,940.81	0.80	1.26	3.49	0.00	0.00	0.00	0 - 00:00 hrs
545	☐	SWMH-J2-009	5.09	40.63	w Maximum	3.26	0 - 09:56 hrs	0.00	73.72	0.00	3.81	2,888.96	0.40	1.34	3.26	0.00	0.00	0.00	0 - 00:00 hrs
546	☐	SWMH-J2-010	6.05	40.38	w Maximum	0.40	0 - 09:59 hrs	0.00	16.42	0.00	0.84	960.11	39.81	3.03	0.40	0.00	0.00	0.00	0 - 00:00 hrs
547	☐	SWMH-J2-011	6.05	40.95	w Maximum	0.00	0 - 09:55 hrs	18.46	18.46	0.85	0.85	338.51	40.24	4.02	0.00	0.01	0.16	3.09	0 - 09:59 hrs
548	☐	SWMH-J2-012	5.80	43.38	w Maximum	0.00	0 - 09:52 hrs	3.50	22.01	0.12	1.60	805.68	1.21	3.30	0.00	0.00	0.01	3.25	0 - 09:52 hrs
549	☐	SWMH-J2-016	7.47	39.14	w Maximum	2.64	0 - 09:59 hrs	4.84	123.93	0.17	6.60	9,447.14	39.51	1.47	2.64	0.00	0.00	0.00	0 - 00:00 hrs
550	☐	SWMH-J2-066	6.50	44.39	w Maximum	0.00	0 - 09:52 hrs	0.00	20.51	0.00	1.49	182.04	1.11	4.00	0.00	0.00	0.00	4.66	0 - 09:52 hrs
551	☐	SWMH-J3-001	5.39	41.99	w Maximum	1.36	0 - 09:56 hrs	8.85	41.55	0.35	2.32	2,225.71	0.72	2.39	1.36	0.00	0.00	0.00	0 - 00:00 hrs
552	☐	SWMH-J3-002	6.98	44.20	w Maximum	0.00	0 - 09:56 hrs	0.00	33.31	0.00	1.97	1,091.30	0.70	3.98	0.00	0.00	0.00	4.83	0 - 09:56 hrs
553	☐	SWMH-J3-003	7.40	44.95	w Maximum	0.00	0 - 09:56 hrs	21.79	33.31	0.99	1.98	924.94	0.71	4.40	0.00	0.00	0.00	7.22	0 - 09:56 hrs
554	☐	SWMH-J3-004	7.55	47.21	Surcharged	0.00	0 - 10:00 hrs	0.00	13.39	0.00	0.99	104.41	0.25	4.55	0.00	0.00	0.00	1.73	0 - 10:00 hrs
555	☐	SWMH-J3-005	3.49	45.63	w Maximum	3.09	0 - 10:02 hrs	0.00	12.21	0.00	0.99	75.41	0.10	1.49	3.09	0.00	0.00	0.00	0 - 00:00 hrs
556	☐	SWMH-J3-006	6.33	59.68	Surcharged	0.00	0 - 09:52 hrs	22.00	22.00	1.05	1.05	0.00	0.95	5.08	0.00	0.05	0.38	9.78	0 - 09:59 hrs
557	☐	SWMH-J3-007	8.08	44.69	w Maximum	0.00	0 - 09:56 hrs	0.00	32.85	0.00	1.49	1,042.13	0.42	5.08	0.00	0.00	0.00	3.04	0 - 09:56 hrs
558	☐	SWMH-J3-008	6.32	44.35	w Maximum	0.88	0 - 09:56 hrs	15.37	32.83	0.69	1.49	173.88	0.38	3.72	0.88	0.00	0.00	0.00	0 - 00:00 hrs
559	☐	SWMH-J3-009	6.70	46.06	w Maximum	0.00	0 - 09:57 hrs	17.46	17.46	0.80	0.80	0.00	0.16	4.20	0.00	0.00	0.00	1.72	0 - 09:57 hrs
560	☐	SWMH-J3-010	6.76	47.52	w Maximum	2.79	0 - 09:57 hrs	0.00	36.38	0.00	1.58	72.37	0.65	4.06	2.79	0.00	0.00	0.00	0 - 00:00 hrs
561	☐	SWMH-J3-011	7.43	48.19	w Maximum	2.27	0 - 09:59 hrs	16.08	36.39	0.69	1.58	70.01	0.63	4.51	2.27	0.00	0.00	0.00	0 - 00:00 hrs
562	☐	SWMH-J3-012	7.31	48.54	w Maximum	2.54	0 - 09:57 hrs	4.66	20.43	0.16	0.89	70.15	0.66	4.81	2.54	0.00	0.00	0.00	0 - 00:00 hrs
563	☐	SWMH-J3-013	8.28	50.11	w Maximum	1.87	0 - 09:56 hrs	0.00	16.19	0.00	0.73	-54.53	0.68	6.03	1.87	0.00	0.00	0.00	0 - 00:00 hrs
564	☐	SWMH-J3-014	7.90	51.12	w Maximum	0.00	0 - 09:56 hrs	16.74	16.74	0.73	0.73	0.00	0.55	5.90	0.00	0.00	0.03	4.17	0 - 09:56 hrs
565	☐	SWMH-J4-001	10.60	47.08	w Maximum	0.00	0 - 00:02 hrs	0.00	169.93	0.00	12.30	20,523.53	47.91	5.60	0.00	0.01	0.00	119.20	0 - 00:02 hrs
566	☐	SWMH-J4-002	3.61	42.95	Flow Link Cro	3.46	0 - 00:11 hrs	0.00	25.69	0.00	2.14	9,210.02	0.00	0.00	0.00	0.00	0.00	0.00	0 - 00:00 hrs
567	☐	SWMH-J4-004	5.04	44.96	w Maximum	1.04	0 - 00:09 hrs	0.00	11.84	0.00	2.05	1,651.16	47.43	2.54	1.04	0.00	0.00	0.00	0 - 00:00 hrs
568	☐	SWMH-J4-005	4.26	44.74	Surcharged	0.00	0 - 00:09 hrs	0.00	16.35	0.00	2.16	705.49	46.24	2.26	0.00	0.13	1.33	4.53	0 - 09:51 hrs
569	☐	SWMH-J4-007	1.53	43.68	Flow Link Cro	11.32	0 - 10:04 hrs	0.00	30.23	0.00	1.43	67.01	0.00	0.00	0.00	0.00	0.00	0.00	0 - 00:00 hrs
570	☐	SWMH-J4-013	6.16	49.36	w Maximum	0.74	0 - 10:11 hrs	0.00	16.35	0.00	2.15	20.94	4.57	4.66	0.74	0.00	0.00	0.00	0 - 00:00 hrs
571	☐	SWMH-J4-014	4.55	50.26	w Maximum	0.00	0 - 09:48 hrs	45.02	45.02	2.41	2.41	0.00	2.75	3.05	0.00	0.26	0.87	28.67	0 - 10:03 hrs
572	☐	SWMH-J5-001	9.50	47.69	Surcharged	0.00	0 - 00:05 hrs	20.63	122.09	1.30	12.08	8,665.85	4.00	4.50	0.00	0.00	0.00	19.54	0 - 00:05 hrs
573	☐	SWMH-J5-002	7.35	50.31	Surcharged	0.00	0 - 09:55 hrs	30.91	106.04	1.50	9.73	546.82	1.19	3.35	0.00	0.00	0.00	13.42	0 - 09:55 hrs
574	☐	SWMH-J5-003	8.55	47.76	w Maximum	0.00	0 - 09:55 hrs	0.00	106.04	0.00	9.78	1,518.49	1.72	2.38	0.00	0.10	0.32	18.86	0 - 09:59 hrs
575	☐	SWMH-J5-004	6.55	49.77	Surcharged	0.00	0 - 09:52 hrs	20.67	20.67	0.94	0.94	0.00	1.72	4.55	0.00	0.00	0.05	0.38	0 - 09:59 hrs
576	☐	SWMH-J5-005	6.65	49.58	w Maximum	0.00	0 - 09:52 hrs	0.00	20.40	0.00	0.94	-99.57	1.82	4.65	0.00	0.02	0.24	5.93	0 - 10:03 hrs
577	☐	SWMH-J7-001	8.05	67.40	w Maximum	0.00	0 - 10:00 hrs	12.60	164.91	0.45	12.93	1,471.78	0.50	3.55	0.00	0.00	0.00	15.07	0 - 10:00 hrs
578	☐	SWMH-J7-002	10.40	78.17	Surcharged	0.00	0 - 09:56 hrs	52.64	87.38	2.70	5.96	30.09	0.73	3.29	0.00	0.00	0.02	11.96	0 - 09:56 hrs
579	☐	SWMH-J7-003	6.98	83.45	w Maximum	0.00	0 - 09:56 hrs	0.00	49.23	0.00	3.35	170.50	1.25	4.65	0.00	0.08	0.33	14.53	0 - 09:59 hrs
580	☐	SWMH-J7-005	6.75	44.32	Surcharged	0.00	0 - 00:00 hrs	0.00	119.53	0.00	8.91	2,705.02	47.97	2.70	0.00	0.16	0.31	89.33	0 - 00:00 hrs
581	☐	SWMH-J7-006	2.16	57.77	Flow Link Cro	13.99	0 - 10:03 hrs	0.00	119.66	0.00	8.88	247.84	0.00	0.00	0.00	0.00	0.00	0.00	0 - 00:00 hrs
582	☐	SWMH-J7-007	2.14	64.32	Flow Link Cro	15.91	0 - 10:00 hrs	14.56	120.21	0.57	8.88	81.69	0.00	0.00	0.00	0.00	0.00	0.00	0 - 00:00 hrs
583	☐	SWMH-J7-008	3.22	69.76	Flow Link Cro	15.75	0 - 10:07 hrs	0.00	110.16	0.00	8.32	495.53	0.00	0.00	0.00	0.00	0.00	0.00	0 - 00:00 hrs
584	☐	SWMH-J7-009	9.70	87.18	w Maximum	0.00	0 - 10:03 hrs	9.59	112.72	0.38	8.32	206.29	0.25	6.70	0.00	0.00	0.00	4.19	0 - 10:03 hrs
585	☐	SWMH-J7-014	10.35	77.82	w Maximum	0.00	0 - 09:56 hrs	0.00	87.38	0.00	5.96	409.41	1.00	6.70	0.00	0.06	0.23	18.89	0 - 10:03 hrs
586	☐	SWMH-J7-015	5.45	83.96	w Maximum	0.00	0 - 09:56 hrs	0.00	7.89	0.00	0.00	0.00	1.09	3.95	0.00	0.00	0.00	7.29	0 - 09:56 hrs
587	☐	SWMH-J8-001	9.68	94.88	w Maximum	0.00	0 - 09:56 hrs	0.00	30.76	0.00	2.17	48.97	0.87	7.30	0.00	0.00	0.00	10.45	0 - 09:56 hrs
588	☐	SWMH-J8-002	9.05	95.18	w Maximum	0.00	0 - 09:56 hrs	0.00	34.51	0.00	2.17	151.53	0.87	6.80	0.00	0.00	0.00	6.28	0 - 09:56 hrs

EXISTING CONDITIONS 5-YR 24-HR JUNCTIONS

		ID	Maximum Depth (ft)	Maximum HGL (ft)	Maximum HGL Head Class	Freeboard (ft)	Max.Depth Day-Time (day-time)	Maximum Lateral Inflow (cfs)	Maximum Total Inflow (cfs)	Lateral Inflow Volume (MG)	Total Inflow Volume (MG)	Flow Volume Difference (MG)	Total Surcharge Time (hrs)	Max.Surchar ge Height Above Crown	Min.Surchar ge Depth Below Rim (ft)	Total Flood Volume (MG)	Total Flood Time (hrs)	Maximum Flood Rate (cfs)	Max.Flood Day-Time (day-time)
589	☐	SWMH-J8-003	6.80	97.23	w Maximum	0.00	0 - 09:56 hrs	30.07	39.44	1.50	2.20	193.16	0.88	4.55	0.00	0.00	0.01	3.78	0 - 09:56 hrs
590	☐	SWMH-J8-004	5.15	96.60	w Maximum	0.00	0 - 09:56 hrs	17.39	23.38	0.79	0.81	0.00	0.74	2.90	0.00	0.12	0.33	23.37	0 - 10:03 hrs
591	☐	SWMH-J8-005	7.47	97.19	w Maximum	0.38	0 - 09:57 hrs	20.04	36.23	0.96	3.10	45.34	1.87	3.77	0.38	0.00	0.00	0.00	0 - 00:00 hrs
592	☐	SWMH-J8-006	3.32	88.38	low Link Cro	4.88	0 - 10:07 hrs	19.23	96.68	0.88	7.55	240.88	0.00	0.00	0.00	0.00	0.00	0.00	0 - 00:00 hrs
593	☐	SWMH-J8-007	2.13	98.07	low Link Cro	7.72	0 - 10:06 hrs	0.00	42.90	0.00	5.00	323.53	0.00	0.00	0.00	0.00	0.00	0.00	0 - 00:00 hrs
594	☐	SWMH-J8-008	2.41	98.62	low Link Cro	8.34	0 - 10:07 hrs	0.00	27.84	0.00	4.32	360.89	0.00	0.00	0.00	0.00	0.00	0.00	0 - 00:00 hrs
595	☐	SWMH-J8-011	1.65	105.93	low Link Cro	6.05	0 - 09:59 hrs	15.77	15.77	0.68	0.68	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0 - 00:00 hrs
596	☐	SWMH-J8-012	7.65	108.00	Surcharged	0.00	0 - 09:48 hrs	9.06	41.23	0.34	2.13	158.12	2.47	5.15	0.00	0.06	0.29	10.81	0 - 09:59 hrs
597	☐	SWMH-J8-013	10.70	112.94	Surcharged	0.00	0 - 09:48 hrs	38.81	38.81	1.81	1.81	0.00	2.20	8.45	0.00	0.02	0.18	6.63	0 - 10:03 hrs
598	☐	SWMH-J8-014	6.20	98.12	Surcharged	0.00	0 - 09:56 hrs	0.00	7.29	0.00	0.00	0.00	0.71	4.45	0.00	0.00	0.01	6.79	0 - 09:56 hrs
599	☐	SWMH-J8-015	5.90	97.07	w Maximum	0.00	0 - 09:56 hrs	0.00	7.28	0.00	0.02	-2.58	0.82	4.15	0.00	0.00	0.02	4.11	0 - 09:57 hrs
600	☐	SWMH-J8-020	1.19	104.44	low Link Cro	5.61	0 - 10:04 hrs	0.00	15.57	0.00	0.68	40.01	0.00	0.00	0.00	0.00	0.00	0.00	0 - 00:00 hrs
601	☐	SWMH-J9-001	10.35	121.21	w Maximum	0.00	0 - 09:53 hrs	0.00	95.57	0.00	9.05	1,017.20	2.18	6.85	0.00	0.09	0.27	21.79	0 - 09:59 hrs
602	☐	SWMH-J9-002	10.40	122.73	Surcharged	0.00	0 - 09:53 hrs	0.00	34.92	0.00	3.71	-72.02	1.90	6.40	0.00	0.00	0.01	14.50	0 - 09:53 hrs
603	☐	SWMH-J9-003	10.72	125.71	Surcharged	-5.00	0 - 09:53 hrs	7.57	34.31	0.28	3.12	557.27	1.63	7.72	0.00	0.00	0.00	27.74	0 - 09:53 hrs
604	☐	SWMH-J9-004	12.14	129.32	Surcharged	-5.00	0 - 09:55 hrs	11.55	35.81	0.46	2.84	190.96	1.26	9.14	0.00	0.00	0.00	21.88	0 - 09:55 hrs
605	☐	SWMH-J9-005	8.00	125.18	Surcharged	0.00	0 - 09:55 hrs	0.00	27.72	0.00	2.48	125.68	2.08	5.60	0.00	0.10	0.45	18.47	0 - 09:55 hrs
606	☐	SWMH-J9-006	7.50	128.36	w Maximum	0.00	0 - 09:55 hrs	13.88	32.89	0.59	2.52	15.20	1.49	5.20	0.00	0.04	0.32	8.84	0 - 09:59 hrs
607	☐	SWMH-J9-007	7.15	129.81	w Maximum	0.00	0 - 09:55 hrs	0.00	19.76	0.00	1.93	-19.54	1.34	4.90	0.00	0.00	0.00	0.24	0 - 09:55 hrs
608	☐	SWMH-J9-008	7.53	136.25	w Maximum	0.12	0 - 09:55 hrs	0.00	22.03	0.00	1.93	57.96	1.07	5.33	0.12	0.00	0.00	0.00	0 - 00:00 hrs
609	☐	SWMH-J9-009	11.23	131.44	Surcharged	0.00	0 - 09:52 hrs	0.00	23.60	0.00	3.12	150.88	1.64	9.23	0.00	0.00	0.00	0.53	0 - 09:52 hrs
610	☐	SWMH-J9-010	8.82	122.84	w Maximum	0.00	0 - 09:53 hrs	0.00	18.04	0.00	0.60	39.36	1.97	6.82	0.00	0.00	0.00	17.71	0 - 09:53 hrs
611	☐	SWMH-J9-011	7.65	130.59	Surcharged	0.00	0 - 09:52 hrs	0.00	13.49	0.00	2.34	-17.93	2.73	5.65	0.00	0.03	0.43	3.20	0 - 10:12 hrs
612	☐	SWMH-J9-013	12.08	123.58	Surcharged	-2.33	0 - 09:52 hrs	31.90	63.84	1.36	5.35	174.29	2.45	9.58	0.00	0.00	0.00	0.00	0 - 00:00 hrs
613	☐	SWMH-J9-014	6.80	122.45	Surcharged	0.00	0 - 09:53 hrs	15.79	15.79	0.69	0.69	0.00	1.63	4.80	0.00	0.09	0.42	14.91	0 - 09:59 hrs
614	☐	SWMH-J9-028	7.50	137.15	w Maximum	0.00	0 - 09:42 hrs	0.00	13.49	0.00	2.34	638.59	3.87	5.80	0.00	0.00	0.04	0.13	0 - 09:42 hrs
615	☐	SWMH-J9-029	8.05	135.88	w Maximum	0.00	0 - 09:42 hrs	0.00	13.49	0.00	2.33	-487.18	4.01	6.55	0.00	0.00	0.00	1.09	0 - 09:42 hrs
616	☐	SWMH-J9-030	7.80	133.13	w Maximum	0.27	0 - 09:52 hrs	0.00	13.50	0.00	2.34	95.92	4.09	6.30	0.27	0.00	0.00	0.00	0 - 00:00 hrs
617	☐	SWMH-J9-032	7.60	130.53	w Maximum	0.00	0 - 09:52 hrs	0.00	13.58	0.00	2.31	-13.01	1.58	5.60	0.00	0.01	0.36	1.51	0 - 09:56 hrs
618	☐	SWMH-J9-033	8.05	130.38	Surcharged	0.00	0 - 09:52 hrs	19.82	25.62	0.89	3.18	70.47	1.54	6.05	0.00	0.06	0.31	13.26	0 - 09:59 hrs
619	☐	SWMH-J9-035	6.35	136.15	w Maximum	0.00	0 - 09:51 hrs	35.64	35.64	1.79	1.79	0.00	3.39	4.60	0.00	0.19	0.61	24.98	0 - 10:03 hrs
620	☐	SWMH-J9-036	7.50	138.69	Surcharged	0.00	0 - 09:56 hrs	8.66	8.66	0.34	0.34	0.00	0.62	6.00	0.00	0.00	0.00	1.87	0 - 09:56 hrs
621	☐	SWMH-J9-039	6.96	139.23	Surcharged	0.00	0 - 09:42 hrs	55.67	55.67	2.88	2.87	0.00	3.79	5.46	0.00	0.54	1.37	45.18	0 - 10:03 hrs
622	☐	SWMH-K2-001	14.60	45.00	w Maximum	0.00	0 - 00:00 hrs	0.00	264.14	0.00	6.80	3,422.01	47.98	10.10	0.00	0.00	0.00	132.76	0 - 00:00 hrs
623	☐	SWMH-K2-002	16.20	47.00	w Maximum	0.00	0 - 00:01 hrs	0.00	193.01	0.00	6.80	4,279.32	47.97	11.70	0.00	0.00	0.00	106.17	0 - 00:01 hrs
624	☐	SWMH-K2-004	10.24	41.81	w Maximum	6.06	0 - 00:05 hrs	23.82	108.97	1.21	6.68	0.00	47.84	5.74	6.06	0.00	0.00	0.00	0 - 00:00 hrs
625	☐	SWMH-K2-005	11.31	42.85	w Maximum	6.06	0 - 00:05 hrs	0.00	90.35	0.00	5.44	5,655.11	47.83	6.48	6.06	0.00	0.00	0.00	0 - 00:00 hrs
626	☐	SWMH-K2-006	10.32	41.85	w Maximum	7.10	0 - 09:57 hrs	0.00	87.87	0.00	5.39	5,433.85	47.83	5.82	7.10	0.00	0.00	0.00	0 - 00:00 hrs
627	☐	SWMH-K2-009	5.28	42.02	w Maximum	4.87	0 - 09:57 hrs	0.00	16.80	0.00	2.50	2,089.13	1.82	2.53	4.87	0.00	0.00	0.00	0 - 00:00 hrs
628	☐	SWMH-K2-011	7.26	45.10	w Maximum	3.49	0 - 09:57 hrs	0.00	16.80	0.00	2.48	530.46	4.35	5.23	3.49	0.00	0.00	0.00	0 - 00:00 hrs
629	☐	SWMH-K2-012	10.21	43.86	w Maximum	3.59	0 - 00:07 hrs	13.97	65.97	0.63	2.82	4,344.70	47.70	6.31	3.59	0.00	0.00	0.00	0 - 00:00 hrs
630	☐	SWMH-K2-013	15.95	47.12	w Maximum	0.00	0 - 00:02 hrs	0.00	137.07	0.00	6.76	11,928.70	47.91	11.45	0.00	0.00	0.00	61.36	0 - 00:02 hrs
631	☐	SWMH-K2-016	8.91	42.19	w Maximum	5.89	0 - 09:52 hrs	0.00	67.25	0.00	2.84	3,537.98	47.77	5.16	5.89	0.00	0.00	0.00	0 - 00:00 hrs
632	☐	SWMH-K3-002	2.97	42.47	low Link Cro	7.45	0 - 00:03 hrs	0.00	73.27	0.00	2.44	3,610.49	0.00	0.00	0.00	0.00	0.00	0.00	0 - 00:00 hrs
633	☐	SWMH-K3-003	9.36	47.58	Surcharged	0.00	0 - 09:47 hrs	36.55	47.67	1.93	2.85	414.49	4.52	6.79	0.00	0.37	0.96	33.21	0 - 10:03 hrs
634	☐	SWMH-K3-004	4.77	43.60	w Maximum	3.53	0 - 09:41 hrs	0.00	35.72	0.00	5.94	0.00	3.37	2.27	3.53	0.00	0.00	0.00	0 - 00:00 hrs
635	☐	SWMH-K3-005	6.02	46.36	w Maximum	0.36	0 - 09:57 hrs	15.65	17.61	0.72	1.24	106.04	3.63	3.77	0.36	0.00	0.00	0.00	0 - 00:00 hrs
636	☐	SWMH-K3-006	7.33	47.31	w Maximum	0.42	0 - 09:55 hrs	0.00	21.83	0.00	4.69	194.08	5.61	4.79	0.42	0.00	0.00	0.00	0 - 00:00 hrs
637	☐	SWMH-K3-007	6.93	47.63	w Maximum	0.57	0 - 09:55 hrs	0.00	21.61	0.00	4.69	219.32	4.77	4.43	0.57	0.00	0.00	0.00	0 - 00:00 hrs

EXISTING CONDITIONS 5-YR 24-HR JUNCTIONS

		ID	Maximum Depth (ft)	Maximum HGL (ft)	Maximum HGL Head Class	Freeboard (ft)	Max.Depth Day-Time (day-time)	Maximum Lateral Inflow (cfs)	Maximum Total Inflow (cfs)	Lateral Inflow Volume (MG)	Total Inflow Volume (MG)	Flow Volume Difference (MG)	Total Surcharge Time (hrs)	Max.Surchar ge Height Above Crown	Min.Surchar ge Depth Below Rim (ft)	Total Flood Volume (MG)	Total Flood Time (hrs)	Maximum Flood Rate (cfs)	Max.Flood Day-Time (day-time)
638	☐	SWMH-K3-008	1.66	40.96	low Link Cro	6.34	0 - 00:02 hrs	0.00	36.42	0.00	1.59	390.01	0.00	0.00	0.00	0.00	0.00	0.00	0 - 00:00 hrs
639	☐	SWMH-K3-009	2.61	41.48	low Link Cro	5.84	0 - 09:59 hrs	0.00	36.40	0.00	1.60	734.05	0.00	0.00	0.00	0.00	0.00	0.00	0 - 00:00 hrs
640	☐	SWMH-K3-010	2.66	42.53	low Link Cro	4.66	0 - 09:59 hrs	0.00	36.48	0.00	1.58	94.38	0.00	0.00	0.00	0.00	0.00	0.00	0 - 00:00 hrs
641	☐	SWMH-K3-011	6.22	46.68	w Maximum	3.90	0 - 09:57 hrs	0.00	36.40	0.00	1.58	390.18	0.73	3.55	3.90	0.00	0.00	0.00	0 - 00:00 hrs
642	☐	SWMH-K3-012	5.10	42.03	w Maximum	3.10	0 - 00:00 hrs	0.00	36.16	0.00	5.94	757.21	2.61	1.60	3.10	0.00	0.00	0.00	0 - 00:00 hrs
643	☐	SWMH-K3-018	6.85	47.44	Surcharged	0.00	0 - 00:01 hrs	11.89	11.89	0.48	0.48	0.00	0.39	4.80	0.00	0.00	0.00	6.90	0 - 00:01 hrs
644	☐	SWMH-K3-019	9.89	46.91	w Maximum	2.41	0 - 00:00 hrs	0.00	39.63	0.00	0.50	732.74	47.99	7.59	2.41	0.00	0.00	0.00	0 - 00:00 hrs
645	☐	SWMH-K3-020	6.42	46.18	w Maximum	1.78	0 - 00:01 hrs	0.00	22.63	0.00	0.49	452.35	0.95	4.22	1.78	0.00	0.00	0.00	0 - 00:00 hrs
646	☐	SWMH-K3-022	8.38	47.92	w Maximum	0.00	0 - 09:49 hrs	20.39	20.39	0.97	0.97	0.00	4.00	6.63	0.00	0.05	0.41	9.28	0 - 10:03 hrs
647	☐	SWMH-K3-024	3.37	43.49	w Maximum	4.93	0 - 09:59 hrs	0.00	36.41	0.00	1.58	73.83	0.33	0.57	4.93	0.00	0.00	0.00	0 - 00:00 hrs
648	☐	SWMH-K3-025	6.85	47.72	w Maximum	0.55	0 - 09:55 hrs	0.00	21.51	0.00	4.69	185.13	4.63	4.35	0.55	0.00	0.00	0.00	0 - 00:00 hrs
649	☐	SWMH-K3-091	9.47	45.16	w Maximum	0.00	0 - 00:01 hrs	0.00	184.08	0.00	2.48	3,337.08	47.96	5.47	0.00	0.02	0.01	167.13	0 - 00:01 hrs
650	☐	SWMH-K4-001	2.78	42.64	low Link Cro	14.86	0 - 10:07 hrs	0.00	47.72	0.00	2.42	1,294.34	0.00	0.00	0.00	0.00	0.00	0.00	0 - 00:00 hrs
651	☐	SWMH-K4-002	3.02	43.23	low Link Cro	8.18	0 - 10:06 hrs	0.00	47.86	0.00	2.39	602.30	0.00	0.00	0.00	0.00	0.00	0.00	0 - 00:00 hrs
652	☐	SWMH-K4-006	9.37	45.13	w Maximum	1.33	0 - 00:02 hrs	14.80	75.61	0.63	6.01	827.93	47.93	5.68	1.33	0.00	0.00	0.00	0 - 00:00 hrs
653	☐	SWMH-K4-007	11.20	46.42	Surcharged	0.00	0 - 00:01 hrs	0.00	94.11	0.00	6.04	5,727.95	47.94	7.65	0.00	0.00	0.00	34.17	0 - 00:01 hrs
654	☐	SWMH-K4-008	9.24	45.58	w Maximum	1.99	0 - 00:02 hrs	0.00	68.57	0.00	5.38	2,906.39	47.90	5.74	1.99	0.00	0.00	0.00	0 - 00:00 hrs
655	☐	SWMH-K4-009	9.08	46.76	w Maximum	1.37	0 - 00:06 hrs	0.00	44.82	0.00	5.32	2,329.54	47.79	5.58	1.37	0.00	0.00	0.00	0 - 00:00 hrs
656	☐	SWMH-K6-001	13.10	62.28	w Maximum	8.44	0 - 09:59 hrs	0.00	79.21	0.00	6.43	355.52	0.79	10.10	8.44	0.00	0.00	0.00	0 - 00:00 hrs
657	☐	SWMH-K6-002	16.13	70.30	w Maximum	2.02	0 - 09:59 hrs	0.00	83.39	0.00	6.43	119.86	0.66	13.13	2.02	0.00	0.00	0.00	0 - 00:00 hrs
658	☐	SWMH-K6-011	12.13	59.01	w Maximum	1.17	0 - 09:59 hrs	12.99	90.91	0.51	6.93	438.77	0.74	8.77	1.17	0.00	0.00	0.00	0 - 00:00 hrs
659	☐	SWMH-K6-013	8.90	51.65	w Maximum	3.20	0 - 10:00 hrs	0.00	90.92	0.00	6.93	459.50	0.87	5.80	3.20	0.00	0.00	0.00	0 - 00:00 hrs
660	☐	SWMH-K7-001	6.80	84.45	w Maximum	0.00	0 - 09:53 hrs	0.00	41.31	0.00	3.96	122.61	1.38	4.10	0.00	0.00	0.00	7.02	0 - 09:53 hrs
661	☐	SWMH-K7-003	8.45	71.64	w Maximum	0.00	0 - 10:00 hrs	0.00	65.90	0.00	5.39	6.80	0.40	5.30	0.00	0.00	0.00	10.19	0 - 10:00 hrs
662	☐	SWMH-K7-004	2.18	75.82	low Link Cro	2.18	0 - 10:04 hrs	0.00	66.25	0.00	5.39	241.46	0.00	0.00	0.00	0.00	0.00	0.00	0 - 00:00 hrs
663	☐	SWMH-K7-005	4.50	79.92	w Maximum	0.00	0 - 09:53 hrs	29.84	66.25	1.43	5.39	162.78	1.46	2.00	0.00	0.00	0.10	2.38	0 - 09:59 hrs
664	☐	SWMH-K7-006	5.63	84.84	w Maximum	0.87	0 - 09:57 hrs	0.00	32.26	0.00	3.15	166.17	1.50	3.13	0.87	0.00	0.00	0.00	0 - 00:00 hrs
665	☐	SWMH-K7-007	5.23	87.51	Surcharged	0.00	0 - 09:52 hrs	0.00	16.58	0.00	1.38	70.07	1.57	2.98	0.00	0.00	0.01	9.53	0 - 09:52 hrs
666	☐	SWMH-K7-008	5.12	87.96	w Maximum	0.00	0 - 09:52 hrs	0.00	16.57	0.00	1.43	95.90	1.70	3.12	0.00	0.05	0.62	3.79	0 - 09:53 hrs
667	☐	SWMH-K7-009	5.72	89.21	w Maximum	0.00	0 - 09:52 hrs	0.00	16.58	0.00	1.45	106.25	1.73	3.72	0.00	0.03	0.52	2.06	0 - 10:04 hrs
668	☐	SWMH-K7-012	8.41	62.00	w Maximum	0.00	0 - 09:59 hrs	24.94	184.66	1.09	14.01	977.35	0.51	3.41	0.00	0.00	0.00	5.19	0 - 09:59 hrs
669	☐	SWMH-K7-013	10.60	89.34	Surcharged	0.00	0 - 09:56 hrs	25.19	49.22	1.18	3.35	148.36	1.14	7.80	0.00	0.00	0.00	6.61	0 - 09:56 hrs
670	☐	SWMH-K7-015	1.96	82.58	low Link Cro	3.84	0 - 10:03 hrs	15.81	80.75	0.71	6.59	288.29	0.00	0.00	0.00	0.00	0.00	0.00	0 - 00:00 hrs
671	☐	SWMH-K7-018	3.90	85.65	w Maximum	0.85	0 - 10:00 hrs	0.00	67.07	0.00	5.88	206.47	0.10	0.40	0.85	0.00	0.00	0.00	0 - 00:00 hrs
672	☐	SWMH-K7-019	3.43	84.60	low Link Cro	1.37	0 - 10:00 hrs	0.00	66.38	0.00	5.88	205.25	0.00	0.00	0.00	0.00	0.00	0.00	0 - 00:00 hrs
673	☐	SWMH-K7-022	5.38	90.27	w Maximum	0.62	0 - 10:00 hrs	17.90	71.30	0.84	5.89	-70.28	0.40	1.88	0.62	0.00	0.00	0.00	0 - 00:00 hrs
674	☐	SWMH-K7-023	4.75	83.29	Surcharged	0.00	0 - 09:55 hrs	18.36	18.36	0.85	0.85	78.62	1.09	2.00	0.00	0.03	0.23	7.98	0 - 09:55 hrs
675	☐	SWMH-K8-001	6.67	90.76	Surcharged	0.00	0 - 09:52 hrs	29.37	29.37	1.53	1.53	0.00	1.75	4.67	0.00	0.08	0.44	13.06	0 - 10:03 hrs
676	☐	SWMH-K8-002	8.95	103.16	Surcharged	-3.04	0 - 09:59 hrs	20.32	38.04	0.95	5.67	135.46	3.92	6.44	0.00	0.00	0.00	0.00	0 - 00:00 hrs
677	☐	SWMH-K8-003	8.75	103.58	Surcharged	-1.45	0 - 09:57 hrs	0.00	31.11	0.00	4.72	-340.90	3.86	6.24	0.00	0.00	0.00	0.00	0 - 00:00 hrs
678	☐	SWMH-K8-004	8.23	103.73	Surcharged	0.00	0 - 09:49 hrs	0.00	37.40	0.00	5.04	111.47	3.81	5.70	0.00	0.32	1.04	19.69	0 - 10:03 hrs
679	☐	SWMH-K8-005	9.50	106.25	w Maximum	0.05	0 - 10:29 hrs	0.00	37.42	0.00	5.04	121.36	3.28	6.90	0.05	0.00	0.00	0.00	0 - 00:00 hrs
680	☐	SWMH-K8-006	8.00	96.16	w Maximum	0.00	0 - 09:52 hrs	0.00	28.33	0.00	3.00	582.09	1.93	5.25	0.00	0.00	0.00	2.37	0 - 09:52 hrs
681	☐	SWMH-K8-008	5.80	97.39	w Maximum	0.00	0 - 09:52 hrs	0.00	21.94	0.00	2.14	55.65	1.62	3.10	0.00	0.00	0.00	3.81	0 - 09:52 hrs
682	☐	SWMH-K8-009	5.50	97.38	w Maximum	0.00	0 - 09:52 hrs	16.69	23.64	0.77	2.17	155.27	1.67	3.00	0.00	0.03	0.23	7.41	0 - 09:59 hrs
683	☐	SWMH-K8-010	5.20	97.64	Surcharged	0.00	0 - 09:52 hrs	0.00	14.84	0.00	1.40	95.72	1.61	2.95	0.00	0.00	0.01	7.23	0 - 09:52 hrs
684	☐	SWMH-K8-011	5.00	98.25	w Maximum	0.00	0 - 09:52 hrs	0.00	15.44	0.00	1.39	-7.99	1.43	2.75	0.00	0.00	0.00	7.84	0 - 09:52 hrs
685	☐	SWMH-K8-012	5.25	91.59	w Maximum	0.00	0 - 09:55 hrs	0.00	29.08	0.00	2.06	390.03	0.91	2.75	0.00	0.00	0.00	4.69	0 - 09:55 hrs
686	☐	SWMH-K8-013	4.93	91.99	w Maximum	0.00	0 - 09:55 hrs	18.08	29.07	0.86	2.07	129.75	0.99	2.43	0.00	0.01	0.15	3.98	0 - 10:03 hrs

EXISTING CONDITIONS 5-YR 24-HR JUNCTIONS

		ID	Maximum Depth (ft)	Maximum HGL (ft)	Maximum HGL Head Class	Freeboard (ft)	Max.Depth Day-Time (day-time)	Maximum Lateral Inflow (cfs)	Maximum Total Inflow (cfs)	Lateral Inflow Volume (MG)	Total Inflow Volume (MG)	Flow Volume Difference (MG)	Total Surcharge Time (hrs)	Max.Surchar ge Height Above Ground	Min.Surchar ge Depth Below Rim (ft)	Total Flood Volume (MG)	Total Flood Time (hrs)	Maximum Flood Rate (cfs)	Max.Flood Day-Time (day-time)
687	☐	SWMH-K8-014	4.74	92.29	Surcharged	0.00	0 - 09:55 hrs	0.00	17.62	0.00	1.21	85.21	0.89	2.24	0.00	0.00	0.00	2.50	0 - 09:55 hrs
688	☐	SWMH-K8-015	5.88	104.07	w Maximum	1.12	0 - 10:03 hrs	23.93	43.55	1.20	4.47	599.09	3.23	2.83	1.12	0.00	0.00	0.00	0 - 00:00 hrs
689	☐	SWMH-K8-017	6.40	105.21	Surcharged	0.00	0 - 09:52 hrs	34.95	34.95	1.79	1.78	0.00	3.28	3.90	0.00	0.08	0.39	15.32	0 - 10:03 hrs
690	☐	SWMH-K8-018	10.45	107.89	w Maximum	0.00	0 - 09:52 hrs	0.00	37.44	0.00	5.04	148.91	3.30	7.90	0.00	0.00	0.05	0.04	0 - 10:29 hrs
691	☐	SWMH-K8-019	4.32	98.35	w Maximum	0.00	0 - 09:52 hrs	31.45	31.45	1.61	1.61	0.00	2.48	2.57	0.00	0.22	0.70	24.50	0 - 10:03 hrs
692	☐	SWMH-K8-021	5.75	95.82	Surcharged	0.00	0 - 09:52 hrs	0.00	4.20	0.00	0.00	0.00	1.53	4.25	0.00	0.00	0.00	2.57	0 - 09:52 hrs
693	☐	SWMH-K8-024	4.80	103.78	w Maximum	0.00	0 - 09:48 hrs	0.00	45.67	0.00	2.20	-444.29	3.11	2.30	0.00	0.63	1.08	45.67	0 - 10:03 hrs
694	☐	SWMH-K9-001	10.65	108.29	Surcharged	0.00	0 - 09:52 hrs	0.00	37.47	0.00	5.04	-41.20	3.26	8.10	0.00	0.00	0.11	0.05	0 - 09:55 hrs
695	☐	SWMH-K9-002	10.70	108.50	Surcharged	0.00	0 - 09:49 hrs	26.28	90.06	1.24	5.59	158.65	2.89	7.35	0.00	0.54	0.85	52.70	0 - 10:03 hrs
696	☐	SWMH-K9-006	8.94	115.30	Surcharged	0.00	0 - 09:55 hrs	25.93	25.93	1.20	1.20	0.00	0.88	6.94	0.00	0.02	0.20	5.61	0 - 10:03 hrs
697	☐	SWMH-K9-011	8.87	114.00	w Maximum	0.00	0 - 09:56 hrs	0.00	20.31	0.00	1.18	-380.90	0.99	6.87	0.00	0.01	0.22	1.33	0 - 10:07 hrs
698	☐	SWMH-K9-012	8.91	113.50	w Maximum	0.00	0 - 09:56 hrs	12.36	31.35	0.50	1.67	80.13	1.06	6.91	0.00	0.06	0.30	11.84	0 - 09:59 hrs
699	☐	SWMH-K9-016	9.12	111.00	w Maximum	0.18	0 - 10:07 hrs	0.00	29.31	0.00	1.61	125.34	1.13	6.62	0.18	0.00	0.00	0.00	0 - 00:00 hrs
700	☐	SWMH-K9-018	9.31	125.69	w Maximum	0.99	0 - 09:59 hrs	71.81	71.81	4.10	4.10	177.63	0.58	5.76	0.99	0.00	0.00	0.00	0 - 00:00 hrs
701	☐	SWMH-K9-019	15.81	128.06	Surcharged	-5.00	0 - 09:56 hrs	7.67	63.78	0.30	4.35	2,012.36	0.81	12.81	0.00	0.00	0.00	8.49	0 - 09:56 hrs
702	☐	SWMH-K9-020	16.24	124.27	Surcharged	-5.00	0 - 09:53 hrs	0.00	63.78	0.00	4.34	-410.62	1.26	13.24	0.00	0.00	0.00	10.45	0 - 09:53 hrs
703	☐	SWMH-K9-021	15.91	119.64	Surcharged	-5.00	0 - 09:52 hrs	0.00	63.78	0.00	4.34	-911.84	2.17	12.91	0.00	0.00	0.00	13.93	0 - 09:52 hrs
704	☐	SWMH-L1-001	8.61	40.23	w Maximum	0.00	0 - 09:52 hrs	14.25	29.24	0.66	4.65	6,183.79	30.07	5.11	0.00	0.03	0.23	7.34	0 - 09:59 hrs
705	☐	SWMH-L1-002	8.44	40.76	w Maximum	0.56	0 - 09:55 hrs	0.00	20.55	0.00	4.07	4,797.15	29.85	4.94	0.56	0.00	0.00	0.00	0 - 00:00 hrs
706	☐	SWMH-L1-003	8.07	40.96	w Maximum	0.36	0 - 09:55 hrs	20.54	20.54	0.99	0.99	0.00	13.48	4.57	0.36	0.00	0.00	0.00	0 - 00:00 hrs
707	☐	SWMH-L2-001	6.63	45.00	w Maximum	0.00	0 - 09:26 hrs	45.39	66.89	2.29	4.17	494.37	8.26	4.13	0.00	0.82	1.82	51.49	0 - 10:03 hrs
708	☐	SWMH-L2-002	6.65	45.71	Surcharged	0.00	0 - 09:53 hrs	19.44	26.19	0.94	1.90	1.89	7.45	4.15	0.00	0.02	0.25	4.69	0 - 10:03 hrs
709	☐	SWMH-L2-003	5.88	46.13	w Maximum	0.00	0 - 09:26 hrs	0.00	9.05	0.00	0.98	276.76	6.17	3.82	0.00	0.02	0.64	2.30	0 - 10:00 hrs
710	☐	SWMH-L2-004	5.64	46.68	w Maximum	0.00	0 - 09:42 hrs	0.00	9.05	0.00	0.98	14.90	5.56	3.54	0.00	0.00	0.24	0.08	0 - 09:49 hrs
711	☐	SWMH-L2-005	5.20	47.14	w Maximum	0.00	0 - 09:42 hrs	0.00	12.25	0.00	1.02	197.37	4.67	3.10	0.00	0.04	0.61	3.21	0 - 10:12 hrs
712	☐	SWMH-L2-006	8.52	43.12	w Maximum	7.77	0 - 09:52 hrs	0.00	38.97	0.00	2.16	3,892.82	47.59	5.02	7.77	0.00	0.00	0.00	0 - 00:00 hrs
713	☐	SWMH-L2-007	7.75	44.98	w Maximum	0.00	0 - 09:52 hrs	17.37	28.00	0.84	1.99	929.65	1.00	4.25	0.00	0.00	0.00	6.56	0 - 09:52 hrs
714	☐	SWMH-L2-008	5.70	44.62	w Maximum	0.00	0 - 09:52 hrs	23.55	23.55	1.19	1.19	0.00	1.25	3.70	0.00	0.06	0.32	13.09	0 - 10:03 hrs
715	☐	SWMH-L2-012	6.30	44.50	w Maximum	0.00	0 - 09:52 hrs	0.00	15.91	0.00	1.13	31.90	1.41	4.25	0.00	0.00	0.00	2.46	0 - 09:52 hrs
716	☐	SWMH-L3-001	3.36	43.71	Flow Link Cross	8.34	0 - 10:07 hrs	17.96	48.39	0.82	2.35	1,005.81	0.00	0.00	0.00	0.00	0.00	0.00	0 - 00:00 hrs
717	☐	SWMH-L3-002	2.84	43.92	Flow Link Cross	7.76	0 - 10:06 hrs	0.00	1.55	0.00	0.04	75.19	0.00	0.00	0.00	0.00	0.00	0.00	0 - 00:00 hrs
718	☐	SWMH-L3-003	3.90	43.90	Flow Link Cross	7.83	0 - 10:06 hrs	0.00	32.69	0.00	1.57	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0 - 00:00 hrs
719	☐	SWMH-L3-004	2.77	44.07	Flow Link Cross	7.98	0 - 10:04 hrs	0.00	33.03	0.00	1.50	-177.13	0.00	0.00	0.00	0.00	0.00	0.00	0 - 00:00 hrs
720	☐	SWMH-L3-005	5.35	48.08	w Maximum	0.00	0 - 09:49 hrs	0.00	12.26	0.00	1.02	69.03	4.12	3.30	0.00	0.00	0.01	0.08	0 - 09:49 hrs
721	☐	SWMH-L3-006	5.25	49.73	w Maximum	0.00	0 - 09:49 hrs	0.00	12.77	0.00	1.03	1.66	1.89	3.05	0.00	0.01	0.41	0.52	0 - 10:10 hrs
722	☐	SWMH-L3-007	5.25	50.67	w Maximum	0.00	0 - 09:49 hrs	22.51	22.51	1.08	1.08	0.00	1.69	3.25	0.00	0.05	0.38	9.73	0 - 10:03 hrs
723	☐	SWMH-L3-008	6.43	48.19	w Maximum	0.67	0 - 09:55 hrs	0.00	22.80	0.00	4.69	239.43	3.88	3.88	0.67	0.00	0.00	0.00	0 - 00:00 hrs
724	☐	SWMH-L3-009	6.65	48.81	w Maximum	0.00	0 - 09:51 hrs	0.00	25.72	0.00	4.75	771.75	4.43	4.15	0.00	0.05	0.42	7.55	0 - 09:59 hrs
725	☐	SWMH-L3-010	4.21	43.96	Flow Link Cross	7.74	0 - 10:06 hrs	0.00	32.32	0.00	1.53	579.51	0.00	0.00	0.00	0.00	0.00	0.00	0 - 00:00 hrs
726	☐	SWMH-L3-011	4.19	44.42	Flow Link Cross	8.71	0 - 10:04 hrs	0.00	33.77	0.00	1.50	571.35	0.00	0.00	0.00	0.00	0.00	0.00	0 - 00:00 hrs
727	☐	SWMH-L3-013	8.02	51.60	w Maximum	0.00	0 - 09:56 hrs	30.94	38.60	1.55	4.89	207.07	4.27	5.52	0.00	0.00	0.08	1.18	0 - 10:03 hrs
728	☐	SWMH-L3-014	7.99	51.62	w Maximum	0.00	0 - 10:02 hrs	0.00	13.99	0.00	2.60	406.68	5.25	5.99	0.00	0.00	0.00	0.01	0 - 10:03 hrs
729	☐	SWMH-L3-015	5.91	50.43	w Maximum	0.14	0 - 09:59 hrs	0.00	16.15	0.00	2.93	108.45	6.36	3.80	0.14	0.00	0.00	0.00	0 - 00:00 hrs
730	☐	SWMH-L3-016	7.50	52.38	w Maximum	0.00	0 - 09:52 hrs	22.15	22.15	0.96	0.96	37.79	3.85	5.50	0.00	0.08	0.37	14.29	0 - 09:59 hrs
731	☐	SWMH-L3-019	7.21	45.60	w Maximum	4.74	0 - 09:59 hrs	0.00	20.07	0.00	0.92	1,085.35	0.27	1.06	4.74	0.00	0.00	0.00	0 - 00:00 hrs
732	☐	SWMH-L3-020	6.45	45.17	w Maximum	5.45	0 - 09:59 hrs	13.84	34.19	0.61	1.53	1,877.73	0.31	0.66	5.45	0.00	0.00	0.00	0 - 00:00 hrs
733	☐	SWMH-L4-001	7.60	46.57	w Maximum	2.35	0 - 09:55 hrs	0.00	38.38	0.00	5.28	3,517.41	12.27	3.90	2.35	0.00	0.00	0.00	0 - 00:00 hrs
734	☐	SWMH-L4-002	7.25	46.39	w Maximum	0.00	0 - 09:48 hrs	0.00	49.83	0.00	4.54	1,257.88	7.24	3.49	0.00	0.41	0.83	39.12	0 - 09:59 hrs
735	☐	SWMH-L4-003	7.44	46.88	w Maximum	2.76	0 - 09:49 hrs	0.00	49.78	0.00	4.53	1,888.79	5.36	3.74	2.76	0.00	0.00	0.00	0 - 00:00 hrs

EXISTING CONDITIONS 5-YR 24-HR JUNCTIONS

		ID	Maximum Depth (ft)	Maximum HGL (ft)	Maximum HGL Head Class	Freeboard (ft)	Max.Depth Day-Time (day-time)	Maximum Lateral Inflow (cfs)	Maximum Total Inflow (cfs)	Lateral Inflow Volume (MG)	Total Inflow Volume (MG)	Flow Volume Difference (MG)	Total Surcharge Time (hrs)	Max.Surchar ge Height Above Crown	Min.Surchar ge Depth Below Rim (ft)	Total Flood Volume (MG)	Total Flood Time (hrs)	Maximum Flood Rate (cfs)	Max.Flood Day-Time (day-time)
736	☐	SWMH-L4-005	7.66	47.59	w Maximum	3.79	0 - 09:49 hrs	0.00	49.78	0.00	4.50	2,191.63	4.26	4.16	3.79	0.00	0.00	0.00	0 - 00:00 hrs
737	☐	SWMH-L4-008	7.46	46.72	w Maximum	1.94	0 - 09:55 hrs	0.00	23.31	0.00	1.11	1,257.35	7.39	3.85	1.94	0.00	0.00	0.00	0 - 00:00 hrs
738	☐	SWMH-L4-009	7.40	46.88	w Maximum	2.68	0 - 09:57 hrs	0.00	23.27	0.00	1.10	1,564.91	6.83	3.90	2.68	0.00	0.00	0.00	0 - 00:00 hrs
739	☐	SWMH-L4-010	2.47	43.14	low Link Cro	8.28	0 - 10:07 hrs	0.00	47.74	0.00	2.38	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0 - 00:00 hrs
740	☐	SWMH-L4-011	3.12	43.67	low Link Cro	9.38	0 - 10:06 hrs	0.00	48.01	0.00	2.35	569.22	0.00	0.00	0.00	0.00	0.00	0.00	0 - 00:00 hrs
741	☐	SWMH-L4-013	7.97	46.23	w Maximum	2.15	0 - 09:57 hrs	0.00	38.28	0.00	5.30	3,206.32	47.60	4.47	2.15	0.00	0.00	0.00	0 - 00:00 hrs
742	☐	SWMH-L4-014	6.74	49.20	w Maximum	1.48	0 - 09:49 hrs	0.00	37.52	0.00	3.88	204.96	2.05	3.27	1.48	0.00	0.00	0.00	0 - 00:00 hrs
743	☐	SWMH-L4-015	7.21	50.03	w Maximum	0.49	0 - 09:49 hrs	6.92	20.48	0.29	1.99	175.67	2.46	4.93	0.49	0.00	0.00	0.00	0 - 00:00 hrs
744	☐	SWMH-L4-016	6.95	52.41	w Maximum	0.00	0 - 09:51 hrs	19.79	19.79	0.93	1.89	133.36	1.79	4.53	0.00	0.00	0.00	1.30	0 - 09:51 hrs
745	☐	SWMH-L4-017	4.90	51.40	Surcharged	0.00	0 - 09:52 hrs	0.00	9.85	0.00	0.96	3.69	1.67	2.65	0.00	0.00	0.01	3.96	0 - 09:52 hrs
746	☐	SWMH-L4-018	4.80	51.81	w Maximum	0.00	0 - 09:52 hrs	0.00	12.25	0.00	1.06	-115.25	1.57	2.55	0.00	0.00	0.00	5.66	0 - 09:52 hrs
747	☐	SWMH-L4-019	7.46	47.10	w Maximum	3.04	0 - 09:57 hrs	23.25	23.25	1.08	1.08	0.00	4.28	3.79	3.04	0.00	0.00	0.00	0 - 00:00 hrs
748	☐	SWMH-L4-020	4.92	47.65	w Maximum	2.88	0 - 09:56 hrs	7.79	20.07	0.33	0.92	312.37	0.62	2.92	2.88	0.00	0.00	0.00	0 - 00:00 hrs
749	☐	SWMH-L4-021	8.88	52.22	Surcharged	0.00	0 - 09:56 hrs	12.31	12.31	0.59	0.59	0.00	0.62	6.88	0.00	0.00	0.00	1.97	0 - 09:56 hrs
750	☐	SWMH-L4-022	6.92	51.66	w Maximum	0.00	0 - 09:49 hrs	0.00	19.41	0.00	1.89	284.46	1.88	4.65	0.00	0.00	0.00	4.48	0 - 09:49 hrs
751	☐	SWMH-L4-030	6.33	50.83	w Maximum	0.00	0 - 09:52 hrs	35.70	35.70	1.88	1.87	0.00	1.80	3.35	0.00	0.07	0.36	13.16	0 - 10:03 hrs
752	☐	SWMH-L4-031	6.85	49.97	w Maximum	0.00	0 - 09:48 hrs	0.00	22.54	0.00	1.81	100.21	2.35	4.55	0.00	0.11	0.53	11.82	0 - 09:59 hrs
753	☐	SWMH-L4-032	4.00	51.13	Surcharged	0.00	0 - 09:52 hrs	0.00	11.88	0.00	0.09	0.00	1.61	2.00	0.00	0.09	0.52	11.87	0 - 10:03 hrs
754	☐	SWMH-L5-004	10.00	44.44	w Maximum	0.00	0 - 00:00 hrs	0.00	86.03	0.00	1.81	1,864.48	47.98	5.00	0.00	0.01	0.01	74.01	0 - 00:00 hrs
755	☐	SWMH-L5-005	8.20	45.90	Surcharged	0.00	0 - 00:01 hrs	0.00	49.11	0.00	1.81	1,502.46	47.95	5.45	0.00	0.00	0.00	19.46	0 - 00:01 hrs
756	☐	SWMH-L5-006	7.45	45.48	w Maximum	0.00	0 - 00:01 hrs	0.00	44.69	0.00	1.80	894.49	47.91	4.45	0.00	0.00	0.00	15.45	0 - 00:01 hrs
757	☐	SWMH-L5-007	7.35	46.13	w Maximum	0.00	0 - 00:03 hrs	0.00	27.45	0.00	1.78	1,294.23	47.88	4.85	0.00	0.00	0.00	25.87	0 - 00:03 hrs
758	☐	SWMH-L5-009	6.10	45.58	w Maximum	0.00	0 - 00:04 hrs	0.00	23.20	0.00	1.76	99.74	47.88	3.45	0.00	0.00	0.00	0.43	0 - 00:04 hrs
759	☐	SWMH-L5-010	6.35	46.93	Surcharged	0.00	0 - 09:14 hrs	0.00	60.88	0.00	4.17	2,039.42	4.62	2.85	0.00	0.00	0.00	2.00	0 - 09:14 hrs
760	☐	SWMH-L5-012	5.99	47.72	w Maximum	0.53	0 - 09:55 hrs	15.45	60.91	0.65	4.61	-503.79	1.20	2.48	0.53	0.00	0.00	0.00	0 - 00:00 hrs
761	☐	SWMH-L5-013	4.80	47.91	w Maximum	0.00	0 - 09:55 hrs	0.00	48.88	0.00	3.42	254.75	0.88	1.80	0.00	0.01	0.16	3.30	0 - 09:59 hrs
762	☐	SWMH-L5-014	8.50	52.25	w Maximum	2.33	0 - 09:55 hrs	0.00	48.87	0.00	3.40	157.46	0.94	5.22	2.33	0.00	0.00	0.00	0 - 00:00 hrs
763	☐	SWMH-L5-015	6.69	51.10	w Maximum	2.11	0 - 09:56 hrs	16.69	48.87	0.69	3.40	114.89	0.99	3.69	2.11	0.00	0.00	0.00	0 - 00:00 hrs
764	☐	SWMH-L5-016	7.97	53.78	w Maximum	0.00	0 - 09:56 hrs	0.00	45.74	0.00	2.77	-691.32	0.74	4.97	0.00	0.00	0.00	7.62	0 - 09:56 hrs
765	☐	SWMH-L5-017	6.70	53.56	w Maximum	0.00	0 - 09:56 hrs	30.24	45.75	1.48	2.77	23.91	0.63	3.70	0.00	0.00	0.00	8.56	0 - 09:56 hrs
766	☐	SWMH-L5-018	6.05	53.09	w Maximum	0.00	0 - 09:56 hrs	0.00	26.86	0.00	1.34	43.05	0.73	3.80	0.00	0.04	0.20	25.12	0 - 09:56 hrs
767	☐	SWMH-L5-019	9.45	49.90	w Maximum	0.52	0 - 09:59 hrs	26.05	39.28	1.26	2.54	527.35	47.99	7.45	0.52	0.00	0.00	0.00	0 - 00:00 hrs
768	☐	SWMH-L5-020	7.60	49.90	Surcharged	0.00	0 - 00:06 hrs	0.00	17.14	0.00	1.29	550.16	47.91	5.60	0.00	0.00	0.02	0.16	0 - 00:06 hrs
769	☐	SWMH-L5-021	6.15	50.00	w Maximum	0.00	0 - 00:06 hrs	0.00	12.40	0.00	1.39	346.57	47.80	4.15	0.00	0.11	0.98	6.30	0 - 10:11 hrs
770	☐	SWMH-L5-022	6.15	50.26	Surcharged	0.00	0 - 09:47 hrs	30.80	30.80	1.53	1.53	0.00	47.80	4.15	0.00	0.14	0.68	18.40	0 - 10:03 hrs
771	☐	SWMH-L5-028	5.32	32.65	Surcharged	-0.15	0 - 12:23 hrs	0.00	8.77	0.00	4.61	1,107.25	44.98	3.32	0.00	0.00	0.00	0.00	0 - 00:00 hrs
772	☐	SWMH-L5-036	3.45	45.98	w Maximum	0.00	0 - 00:04 hrs	40.33	40.33	2.05	2.05	0.00	5.60	1.95	0.00	0.30	0.99	29.20	0 - 10:03 hrs
773	☐	SWMH-L5-037	4.75	45.15	w Maximum	0.00	0 - 00:01 hrs	0.00	4.73	0.00	0.00	0.00	47.91	3.75	0.00	0.00	0.01	4.10	0 - 00:03 hrs
774	☐	SWMH-L5-038	9.58	44.15	w Maximum	0.00	0 - 00:00 hrs	0.00	96.87	0.00	1.81	0.00	47.98	4.63	0.00	0.00	0.00	9.58	0 - 00:00 hrs
775	☐	SWMH-L5-039	5.68	51.11	w Maximum	0.00	0 - 09:56 hrs	0.00	45.74	0.00	2.77	77.31	0.78	2.68	0.00	0.06	0.25	13.17	0 - 10:03 hrs
776	☐	SWMH-L6-001	6.15	58.14	w Maximum	0.00	0 - 09:57 hrs	0.00	26.87	0.00	1.34	-7.31	0.47	3.90	0.00	0.00	0.00	8.30	0 - 09:57 hrs
777	☐	SWMH-L6-002	1.25	55.14	low Link Cro	9.93	0 - 10:04 hrs	0.00	18.83	0.00	0.88	-7.89	0.00	0.00	0.00	0.00	0.00	0.00	0 - 00:00 hrs
778	☐	SWMH-L6-003	1.26	63.78	low Link Cro	4.79	0 - 10:03 hrs	17.84	17.84	0.82	0.82	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0 - 00:00 hrs
779	☐	SWMH-L6-004	1.12	58.91	low Link Cro	8.53	0 - 10:04 hrs	0.00	18.84	0.00	0.88	62.22	0.00	0.00	0.00	0.00	0.00	0.00	0 - 00:00 hrs
780	☐	SWMH-L6-005	1.00	66.33	low Link Cro	6.60	0 - 10:03 hrs	19.04	19.04	0.88	0.88	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0 - 00:00 hrs
781	☐	SWMH-L6-006	2.01	55.84	low Link Cro	11.04	0 - 10:04 hrs	4.32	106.22	0.15	6.80	215.43	0.00	0.00	0.00	0.00	0.00	0.00	0 - 00:00 hrs
782	☐	SWMH-L6-007	3.10	58.86	low Link Cro	6.14	0 - 10:04 hrs	0.00	68.74	0.00	5.00	255.99	0.00	0.00	0.00	0.00	0.00	0.00	0 - 00:00 hrs
783	☐	SWMH-L6-008	2.47	69.40	low Link Cro	2.53	0 - 10:03 hrs	0.00	68.84	0.00	5.00	110.82	0.00	0.00	0.00	0.00	0.00	0.00	0 - 00:00 hrs
784	☐	SWMH-L6-010	11.03	42.36	w Maximum	3.41	0 - 12:18 hrs	10.96	320.12	0.42	22.99	82,104.13	30.45	4.69	3.41	0.00	0.00	0.00	0 - 00:00 hrs

EXISTING CONDITIONS 5-YR 24-HR JUNCTIONS

		ID	Maximum Depth (ft)	Maximum HGL (ft)	Maximum HGL Head Class	Freeboard (ft)	Max.Depth Day-Time (day-time)	Maximum Lateral Inflow (cfs)	Maximum Total Inflow (cfs)	Lateral Inflow Volume (MG)	Total Inflow Volume (MG)	Flow Volume Difference (MG)	Total Surcharge Time (hrs)	Max.Surchar ge Height Above Ground	Min.Surchar ge Depth Below Rim (ft)	Total Flood Volume (MG)	Total Flood Time (hrs)	Maximum Flood Rate (cfs)	Max.Flood Day-Time (day-time)
785	☐	SWMH-L6-011	9.29	45.80	w Maximum	2.11	0 - 10:00 hrs	0.00	90.93	0.00	6.92	1,468.56	28.24	5.81	2.11	0.00	0.00	0.00	0 - 00:00 hrs
786	☐	SWMH-L6-012	7.34	50.41	w Maximum	11.16	0 - 10:00 hrs	0.00	10.64	0.00	0.01	0.00	0.39	4.34	11.16	0.00	0.00	0.00	0 - 00:00 hrs
787	☐	SWMH-L6-014	6.69	34.49	Surcharged	-1.99	0 - 11:56 hrs	0.00	8.78	0.00	4.62	1,255.97	44.96	4.69	0.00	0.00	0.00	0.00	0 - 00:00 hrs
788	☐	SWMH-L6-015	9.10	48.69	w Maximum	2.85	0 - 10:00 hrs	0.00	90.92	0.00	6.93	1,391.30	1.70	5.77	2.85	0.00	0.00	0.00	0 - 00:00 hrs
789	☐	SWMH-L6-016	1.16	71.13	low Link Cro	7.16	0 - 10:03 hrs	21.54	21.54	1.06	1.06	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0 - 00:00 hrs
790	☐	SWMH-L6-017	4.56	47.92	low Link Cro	16.04	0 - 10:04 hrs	0.00	142.16	0.00	8.50	498.23	0.00	0.00	0.00	0.00	0.00	0.00	0 - 00:00 hrs
791	☐	SWMH-L7-001	6.00	86.46	w Maximum	0.00	0 - 09:53 hrs	14.04	32.12	0.64	3.15	146.10	1.66	3.50	0.00	0.00	0.00	0.09	0 - 09:53 hrs
792	☐	SWMH-L7-002	5.43	86.46	w Maximum	0.00	0 - 09:52 hrs	26.19	37.37	1.34	2.71	176.55	1.70	2.93	0.00	0.20	0.57	27.01	0 - 10:03 hrs
793	☐	SWMH-L7-003	5.28	86.96	w Maximum	0.00	0 - 09:52 hrs	0.00	12.18	0.00	1.38	99.45	1.69	3.03	0.00	0.00	0.12	5.73	0 - 09:52 hrs
794	☐	SWMH-L7-007	0.97	80.34	low Link Cro	2.66	0 - 10:07 hrs	0.00	21.09	0.00	2.00	34.92	0.00	0.00	0.00	0.00	0.00	0.00	0 - 00:00 hrs
795	☐	SWMH-L7-008	3.84	83.79	Surcharged	0.00	0 - 09:53 hrs	11.56	33.41	0.48	2.10	817.30	1.67	1.34	0.00	0.09	0.47	12.32	0 - 09:59 hrs
796	☐	SWMH-L7-009	3.84	83.95	w Maximum	0.00	0 - 09:55 hrs	0.00	28.77	0.00	1.66	87.55	1.57	1.34	0.00	0.04	0.35	7.34	0 - 09:56 hrs
797	☐	SWMH-L7-010	4.33	84.88	w Maximum	0.15	0 - 10:00 hrs	0.00	28.77	0.00	1.66	80.08	1.31	1.83	0.15	0.00	0.00	0.00	0 - 00:00 hrs
798	☐	SWMH-L7-011	3.89	85.10	w Maximum	0.00	0 - 09:55 hrs	0.00	24.00	0.00	1.37	30.81	1.14	1.39	0.00	0.01	0.20	9.46	0 - 09:55 hrs
799	☐	SWMH-L7-012	4.00	86.58	Surcharged	0.00	0 - 09:56 hrs	0.00	24.00	0.00	1.37	40.82	0.58	1.50	0.00	0.00	0.00	6.05	0 - 09:56 hrs
800	☐	SWMH-L7-013	4.60	87.75	Surcharged	0.00	0 - 09:56 hrs	0.00	23.99	0.00	1.37	153.10	0.63	2.35	0.00	0.00	0.00	1.83	0 - 09:56 hrs
801	☐	SWMH-L7-014	5.00	88.63	w Maximum	0.00	0 - 09:56 hrs	27.16	27.16	1.38	1.38	0.00	0.69	2.75	0.00	0.01	0.16	3.17	0 - 10:03 hrs
802	☐	SWMH-L7-017	4.50	85.78	w Maximum	0.00	0 - 09:55 hrs	7.40	7.40	0.30	0.30	0.00	1.23	2.50	0.00	0.00	0.00	2.04	0 - 09:55 hrs
803	☐	SWMH-L7-020	7.20	86.23	Surcharged	0.00	0 - 09:52 hrs	25.85	25.85	1.24	1.24	0.00	2.14	5.20	0.00	0.17	0.56	22.80	0 - 10:03 hrs
804	☐	SWMH-L7-024	1.70	78.34	low Link Cro	2.72	0 - 09:59 hrs	7.68	28.78	0.32	2.32	289.16	0.00	0.00	0.00	0.00	0.00	0.00	0 - 00:00 hrs
805	☐	SWMH-L7-025	3.90	78.37	w Maximum	0.00	0 - 09:48 hrs	20.32	20.32	1.04	1.04	0.00	5.66	2.65	0.00	0.17	1.12	15.61	0 - 10:03 hrs
806	☐	SWMH-L7-026	2.52	76.32	low Link Cro	1.46	0 - 10:04 hrs	13.55	46.83	0.62	3.81	283.10	0.00	0.00	0.00	0.00	0.00	0.00	0 - 00:00 hrs
807	☐	SWMH-L7-029	7.90	86.65	Surcharged	0.00	0 - 09:52 hrs	0.00	15.31	0.00	1.08	69.00	2.21	5.90	0.00	0.00	0.00	3.01	0 - 09:52 hrs
808	☐	SWMH-L8-001	10.60	94.80	Surcharged	0.00	0 - 09:57 hrs	7.12	79.05	0.28	8.05	408.26	2.08	6.04	0.00	0.00	0.00	31.21	0 - 09:57 hrs
809	☐	SWMH-L8-002	8.91	94.43	Surcharged	0.00	0 - 09:59 hrs	0.00	81.57	0.00	7.80	565.88	1.82	4.41	0.00	0.03	0.13	58.23	0 - 09:59 hrs
810	☐	SWMH-L8-005	5.90	96.75	w Maximum	0.00	0 - 10:00 hrs	15.32	47.14	0.66	6.14	801.47	2.77	2.40	0.00	0.00	0.02	8.53	0 - 10:00 hrs
811	☐	SWMH-L8-007	4.08	93.19	Surcharged	0.00	0 - 09:53 hrs	26.81	26.81	1.31	1.31	0.00	1.03	2.08	0.00	0.10	0.39	16.56	0 - 10:03 hrs
812	☐	SWMH-L8-008	8.70	95.82	w Maximum	0.00	0 - 09:59 hrs	37.74	37.74	1.70	1.70	0.00	1.63	4.54	0.00	0.01	0.01	36.56	0 - 09:59 hrs
813	☐	SWMH-L9-002	8.98	110.09	Surcharged	0.00	0 - 09:56 hrs	0.00	29.31	0.00	1.61	54.36	1.20	6.48	0.00	0.02	0.20	14.16	0 - 09:56 hrs
814	☐	SWMH-L9-003	10.10	109.91	Surcharged	0.00	0 - 09:57 hrs	20.43	40.01	0.98	2.57	305.59	1.72	7.60	0.00	0.00	0.01	0.07	0 - 09:57 hrs
815	☐	SWMH-L9-004	10.01	109.61	w Maximum	0.00	0 - 09:57 hrs	0.00	40.00	0.00	2.57	-119.75	1.77	7.51	0.00	0.00	0.00	0.30	0 - 09:57 hrs
816	☐	SWMH-L9-010	9.41	115.86	w Maximum	0.00	0 - 10:00 hrs	15.61	15.61	0.69	0.69	0.00	0.33	7.41	0.00	0.00	0.00	1.31	0 - 10:00 hrs
817	☐	SWMH-L9-011	10.04	116.21	w Maximum	0.00	0 - 10:00 hrs	0.00	15.62	0.00	0.69	-282.23	0.33	8.04	0.00	0.00	0.00	0.40	0 - 10:00 hrs
818	☐	SWMH-L9-012	10.65	115.81	Surcharged	0.00	0 - 10:00 hrs	0.00	15.65	0.00	0.69	-290.84	0.33	8.65	0.00	0.00	0.00	0.11	0 - 10:00 hrs
819	☐	SWMH-L9-014	10.50	115.00	w Maximum	0.00	0 - 10:00 hrs	0.00	15.43	0.00	0.70	23.33	0.39	8.50	0.00	0.00	0.00	1.29	0 - 10:00 hrs
820	☐	SWMH-L9-015	10.31	113.11	w Maximum	0.00	0 - 09:59 hrs	0.00	15.13	0.00	0.70	24.89	0.55	8.31	0.00	0.00	0.00	4.05	0 - 09:59 hrs
821	☐	SWMH-L9-016	9.86	111.26	Surcharged	0.00	0 - 09:57 hrs	0.00	15.13	0.00	0.70	239.28	0.70	7.86	0.00	0.00	0.00	5.37	0 - 09:57 hrs
822	☐	SWMH-L9-017	7.30	106.11	w Maximum	0.00	0 - 09:56 hrs	0.00	15.13	0.00	0.69	-197.00	2.04	5.29	0.00	0.00	0.06	10.53	0 - 09:56 hrs
823	☐	SWMH-L9-026	11.44	108.05	w Maximum	0.06	0 - 10:03 hrs	0.00	39.99	0.00	2.57	44.38	3.98	8.94	0.06	0.00	0.00	0.00	0 - 00:00 hrs
824	☐	SWMH-L9-027	11.89	107.61	w Maximum	0.00	0 - 10:03 hrs	0.00	39.97	0.00	2.57	79.93	4.91	9.39	0.00	0.00	0.00	0.01	0 - 10:03 hrs
825	☐	SWMH-L9-029	11.34	106.59	w Maximum	0.32	0 - 10:03 hrs	0.00	39.98	0.00	2.57	15.13	5.41	8.84	0.32	0.00	0.00	0.00	0 - 00:00 hrs
826	☐	SWMH-L9-030	10.94	105.86	w Maximum	0.46	0 - 10:03 hrs	29.11	65.30	1.39	3.95	131.49	4.57	7.44	0.46	0.00	0.00	0.00	0 - 00:00 hrs
827	☐	SWMH-L9-031	9.97	104.05	w Maximum	0.97	0 - 09:57 hrs	0.00	87.61	0.00	5.16	-545.86	5.46	6.47	0.97	0.00	0.00	0.00	0 - 00:00 hrs
828	☐	SWMH-L9-032	10.21	104.18	w Maximum	0.43	0 - 09:57 hrs	0.00	87.62	0.00	5.16	-342.80	5.59	6.70	0.43	0.00	0.00	0.00	0 - 00:00 hrs
829	☐	SWMH-L9-033	9.98	102.91	Surcharged	0.00	0 - 09:57 hrs	0.00	87.63	0.00	5.16	-1,210.70	6.08	5.98	0.00	0.00	0.00	1.18	0 - 09:57 hrs
830	☐	SWMH-L9-034	9.71	102.46	w Maximum	0.00	0 - 09:57 hrs	0.00	87.66	0.00	5.17	111.15	6.30	5.71	0.00	0.00	0.00	7.15	0 - 09:57 hrs
831	☐	SWMH-L9-036	8.36	100.88	w Maximum	1.23	0 - 09:57 hrs	0.00	87.67	0.00	5.17	-42.13	6.61	4.35	1.23	0.00	0.00	0.00	0 - 00:00 hrs
832	☐	SWMH-L9-047	10.60	105.09	w Maximum	0.62	0 - 09:57 hrs	12.28	87.62	0.51	5.16	258.99	5.02	7.09	0.62	0.00	0.00	0.00	0 - 00:00 hrs
833	☐	SWMH-L9-049	11.60	107.07	w Maximum	0.14	0 - 10:03 hrs	0.00	39.97	0.00	2.57	61.75	5.19	9.10	0.14	0.00	0.00	0.00	0 - 00:00 hrs

EXISTING CONDITIONS 5-YR 24-HR JUNCTIONS

		ID	Maximum Depth (ft)	Maximum HGL (ft)	Maximum HGL Head Class	Freeboard (ft)	Max.Depth Day-Time (day-time)	Maximum Lateral Inflow (cfs)	Maximum Total Inflow (cfs)	Lateral Inflow Volume (MG)	Total Inflow Volume (MG)	Flow Volume Difference (MG)	Total Surcharge Time (hrs)	Max.Surchar ge Height Above Ground (ft)	Min.Surchar ge Depth Below Rim (ft)	Total Flood Volume (MG)	Total Flood Time (hrs)	Maximum Flood Rate (cfs)	Max.Flood Day-Time (day-time)
834	☐	SWMH-M1-001	8.81	35.80	Surcharged	0.00	0 - 09:41 hrs	2.07	52.26	0.07	17.01	5,995.94	37.00	5.12	0.00	15.28	14.25	52.26	0 - 10:27 hrs
835	☐	SWMH-M1-003	8.83	39.04	Surcharged	0.00	0 - 09:48 hrs	35.14	57.05	1.84	6.42	8,042.86	30.95	5.33	0.00	0.27	0.85	29.16	0 - 10:03 hrs
836	☐	SWMH-M1-004	5.90	36.34	Surcharged	0.00	0 - 09:51 hrs	24.31	24.31	1.10	1.10	0.00	30.47	2.90	0.00	0.04	0.30	8.35	0 - 09:59 hrs
837	☐	SWMH-M1-006	6.98	36.06	Surcharged	0.00	0 - 09:48 hrs	0.00	16.01	0.00	1.05	2,964.55	32.84	3.85	0.00	0.00	0.11	0.05	0 - 09:53 hrs
838	☐	SWMH-M1-007	8.20	36.06	w Maximum	0.00	0 - 09:57 hrs	0.00	16.02	0.00	1.03	1,180.67	34.48	4.48	0.00	0.00	0.00	0.00	0 - 00:00 hrs
839	☐	SWMH-M1-008	8.45	35.82	w Maximum	0.00	0 - 09:45 hrs	0.00	35.61	0.00	9.12	1,801.81	37.28	5.25	0.00	8.70	14.19	35.38	0 - 10:11 hrs
840	☐	SWMH-M1-009	8.52	37.34	w Maximum	0.00	0 - 09:41 hrs	0.00	27.89	0.00	6.08	10,035.46	32.78	4.86	0.00	0.16	1.55	5.63	0 - 10:08 hrs
841	☐	SWMH-M2-001	5.78	40.01	Surcharged	0.00	0 - 09:08 hrs	20.06	40.89	0.89	4.27	2,456.86	24.84	3.78	0.00	1.17	3.72	40.88	0 - 09:59 hrs
842	☐	SWMH-M2-002	7.86	43.84	w Maximum	0.16	0 - 09:55 hrs	0.00	15.40	0.00	3.35	807.01	9.97	5.36	0.16	0.00	0.00	0.00	0 - 00:00 hrs
843	☐	SWMH-M2-005	6.68	41.79	w Maximum	0.16	0 - 09:56 hrs	0.00	26.16	0.00	2.31	1,381.95	16.31	3.93	0.16	0.00	0.00	0.00	0 - 00:00 hrs
844	☐	SWMH-M2-007	5.90	43.76	Surcharged	0.00	0 - 09:55 hrs	11.65	26.44	0.53	2.31	73.14	2.41	3.15	0.00	0.00	0.00	12.77	0 - 09:55 hrs
845	☐	SWMH-M2-008	5.05	44.26	w Maximum	0.00	0 - 09:56 hrs	0.00	20.86	0.00	1.79	-259.89	1.80	2.63	0.00	0.01	0.20	14.25	0 - 09:56 hrs
846	☐	SWMH-M2-009	5.05	45.34	w Maximum	0.00	0 - 09:56 hrs	20.39	25.70	1.02	1.84	708.93	1.61	2.80	0.00	0.05	0.32	9.61	0 - 10:03 hrs
847	☐	SWMH-M2-010	5.08	45.91	w Maximum	0.00	0 - 09:56 hrs	0.00	6.53	0.00	0.83	43.54	1.56	3.08	0.00	0.00	0.01	3.70	0 - 09:56 hrs
848	☐	SWMH-M2-012	4.30	40.74	Surcharged	0.00	0 - 09:55 hrs	0.00	3.10	0.00	0.05	0.00	17.78	3.05	0.00	0.05	0.83	3.10	0 - 09:56 hrs
849	☐	SWMH-M3-001	5.35	51.82	w Maximum	0.00	0 - 09:23 hrs	35.18	35.18	1.79	1.79	0.00	4.78	3.22	0.00	0.30	1.28	26.80	0 - 10:03 hrs
850	☐	SWMH-M3-002	5.32	46.70	w Maximum	0.00	0 - 09:56 hrs	0.00	6.78	0.00	0.83	105.84	1.62	3.57	0.00	0.00	0.00	3.17	0 - 09:56 hrs
851	☐	SWMH-M3-007	5.93	50.19	w Maximum	1.57	0 - 09:48 hrs	0.00	6.79	0.00	0.83	295.18	1.99	4.42	1.57	0.00	0.00	0.00	0 - 00:00 hrs
852	☐	SWMH-M3-008	6.58	51.54	w Maximum	0.12	0 - 09:57 hrs	18.21	21.06	0.76	2.95	158.41	5.98	4.38	0.12	0.00	0.00	0.00	0 - 00:00 hrs
853	☐	SWMH-M3-009	5.80	51.21	w Maximum	0.00	0 - 09:23 hrs	16.01	29.31	0.72	2.22	32.15	5.48	3.62	0.00	0.39	1.60	29.30	0 - 09:59 hrs
854	☐	SWMH-M3-010	6.10	51.66	w Maximum	0.00	0 - 09:23 hrs	9.48	9.48	0.41	0.41	10.17	6.19	4.60	0.00	0.04	0.55	6.63	0 - 09:59 hrs
855	☐	SWMH-M3-017	5.50	49.38	Surcharged	0.00	0 - 09:49 hrs	0.00	8.05	0.00	0.94	82.09	3.51	4.00	0.00	0.00	0.05	0.04	0 - 09:49 hrs
856	☐	SWMH-M3-018	4.98	50.12	Surcharged	0.00	0 - 09:45 hrs	23.09	23.09	1.13	1.13	0.00	3.23	3.48	0.00	0.19	0.98	18.26	0 - 10:03 hrs
857	☐	SWMH-M3-024	6.78	51.66	Surcharged	0.00	0 - 09:48 hrs	20.49	20.49	0.97	0.97	86.42	3.85	5.53	0.00	0.14	0.88	15.19	0 - 09:59 hrs
858	☐	SWMH-M4-002	4.90	54.51	Surcharged	0.00	0 - 09:53 hrs	0.00	14.95	0.00	1.25	-59.73	1.04	2.90	0.00	0.00	0.00	2.44	0 - 09:53 hrs
859	☐	SWMH-M4-003	4.39	54.17	w Maximum	0.09	0 - 09:56 hrs	0.00	15.50	0.00	1.25	267.60	1.03	2.31	0.09	0.00	0.00	0.00	0 - 00:00 hrs
860	☐	SWMH-M4-004	4.40	55.27	w Maximum	0.00	0 - 09:53 hrs	26.85	26.85	1.32	1.32	0.00	0.90	2.40	0.00	0.02	0.24	6.51	0 - 10:03 hrs
861	☐	SWMH-M4-006	4.88	52.59	w Maximum	0.27	0 - 09:55 hrs	0.00	4.63	0.00	0.93	39.01	5.63	3.38	0.27	0.00	0.00	0.00	0 - 00:00 hrs
862	☐	SWMH-M4-007	4.75	53.04	w Maximum	0.30	0 - 09:55 hrs	0.00	4.59	0.00	0.93	37.71	5.05	3.25	0.30	0.00	0.00	0.00	0 - 00:00 hrs
863	☐	SWMH-M4-008	4.10	52.59	w Maximum	0.00	0 - 09:52 hrs	0.00	13.01	0.00	1.05	27.76	1.13	1.85	0.00	0.00	0.00	8.21	0 - 09:52 hrs
864	☐	SWMH-M4-011	4.05	54.04	w Maximum	0.00	0 - 09:52 hrs	23.71	23.71	1.14	1.13	0.00	1.25	2.30	0.00	0.08	0.43	12.50	0 - 10:03 hrs
865	☐	SWMH-M4-022	4.60	53.24	w Maximum	0.48	0 - 09:55 hrs	0.00	4.59	0.00	0.93	72.85	4.70	3.10	0.48	0.00	0.00	0.00	0 - 00:00 hrs
866	☐	SWMH-M4-023	4.28	53.86	w Maximum	0.22	0 - 09:55 hrs	0.00	4.61	0.00	0.93	32.67	4.16	2.53	0.22	0.00	0.00	0.00	0 - 00:00 hrs
867	☐	SWMH-M4-029	3.22	53.74	Surcharged	0.00	0 - 09:37 hrs	26.35	26.35	1.25	1.25	0.00	3.89	1.72	0.00	0.31	1.77	22.93	0 - 10:03 hrs
868	☐	SWMH-M4-031	3.98	54.47	w Maximum	0.00	0 - 09:53 hrs	0.00	20.34	0.00	1.30	3.58	0.93	1.95	0.00	0.05	0.37	5.78	0 - 09:59 hrs
869	☐	SWMH-M5-001	8.84	50.61	w Maximum	2.72	0 - 00:04 hrs	0.00	79.73	0.00	4.49	2,756.16	47.92	3.53	2.72	0.00	0.00	0.00	0 - 00:00 hrs
870	☐	SWMH-M5-002	7.71	52.44	w Maximum	0.00	0 - 00:02 hrs	0.00	26.43	0.00	1.28	1,167.98	47.89	4.96	0.00	0.00	0.00	12.81	0 - 00:02 hrs
871	☐	SWMH-M5-003	4.71	51.20	w Maximum	3.44	0 - 09:53 hrs	0.00	14.95	0.00	1.26	404.80	2.07	2.66	3.44	0.00	0.00	0.00	0 - 00:00 hrs
872	☐	SWMH-M5-004	4.82	51.95	w Maximum	2.26	0 - 09:53 hrs	0.00	14.95	0.00	1.26	240.15	1.46	2.59	2.26	0.00	0.00	0.00	0 - 00:00 hrs
873	☐	SWMH-M5-005	4.83	53.20	w Maximum	0.42	0 - 09:53 hrs	0.00	14.95	0.00	1.25	-34.23	1.22	2.83	0.42	0.00	0.00	0.00	0 - 00:00 hrs
874	☐	SWMH-M5-006	9.40	51.51	w Maximum	1.90	0 - 00:04 hrs	0.00	57.84	0.00	3.21	1,813.04	47.97	5.78	1.90	0.00	0.00	0.00	0 - 00:00 hrs
875	☐	SWMH-M5-007	10.10	53.67	Surcharged	0.00	0 - 00:02 hrs	0.00	43.95	0.00	3.19	3,402.74	47.90	6.85	0.00	0.00	0.00	15.13	0 - 00:02 hrs
876	☐	SWMH-M5-008	9.50	53.76	w Maximum	0.00	0 - 00:04 hrs	37.95	39.70	1.94	3.17	3,630.94	47.85	6.42	0.00	0.00	0.00	20.93	0 - 00:04 hrs
877	☐	SWMH-M5-010	5.23	51.73	w Maximum	5.77	0 - 10:03 hrs	0.00	13.84	0.00	1.59	574.36	1.29	2.22	5.77	0.00	0.00	0.00	0 - 00:00 hrs
878	☐	SWMH-M5-021	4.82	52.55	w Maximum	0.68	0 - 09:53 hrs	0.00	14.95	0.00	1.25	26.31	1.36	2.81	0.68	0.00	0.00	0.00	0 - 00:00 hrs
879	☐	SWMH-M6-001	1.44	59.97	Flow Link Cro	6.86	0 - 10:04 hrs	27.08	27.08	1.34	1.34	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0 - 00:00 hrs
880	☐	SWMH-M6-002	1.36	70.03	Flow Link Cro	5.49	0 - 10:04 hrs	22.49	34.46	1.08	1.65	101.45	0.00	0.00	0.00	0.00	0.00	0.00	0 - 00:00 hrs
881	☐	SWMH-M6-003	1.33	72.92	Flow Link Cro	4.77	0 - 10:04 hrs	0.00	12.15	0.00	0.57	-107.59	0.00	0.00	0.00	0.00	0.00	0.00	0 - 00:00 hrs
882	☐	SWMH-M6-007	7.46	55.55	w Maximum	3.45	0 - 09:57 hrs	0.00	33.79	0.00	2.25	97.50	1.84	5.45	3.45	0.00	0.00	0.00	0 - 00:00 hrs

EXISTING CONDITIONS 5-YR 24-HR JUNCTIONS

		ID	Maximum Depth (ft)	Maximum HGL (ft)	Maximum HGL Head Class	Freeboard (ft)	Max.Depth Day-Time (day-time)	Maximum Lateral Inflow (cfs)	Maximum Total Inflow (cfs)	Lateral Inflow Volume (MG)	Total Inflow Volume (MG)	Flow Volume Difference (MG)	Total Surcharge Time (hrs)	Max.Surchar ge Height Above Crown	Min.Surchar ge Depth Below Rim (ft)	Total Flood Volume (MG)	Total Flood Time (hrs)	Maximum Flood Rate (cfs)	Max.Flood Day-Time (day-time)
883	☐	SWMH-M6-008	10.55	59.60	Surcharged	0.00	0 - 09:57 hrs	9.34	34.19	0.35	2.24	62.83	1.15	7.25	0.00	0.00	0.04	0.42	0 - 09:59 hrs
884	☐	SWMH-M6-009	10.05	60.13	w Maximum	0.00	0 - 09:52 hrs	0.00	16.79	0.00	1.26	9.90	0.94	5.70	0.00	0.01	0.19	4.12	0 - 09:52 hrs
885	☐	SWMH-M6-010	0.86	61.92	low Link Cro	5.89	0 - 09:59 hrs	14.30	14.30	0.64	0.64	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0 - 00:00 hrs
886	☐	SWMH-M6-011	10.82	66.56	Surcharged	0.00	0 - 09:52 hrs	27.71	27.71	1.33	1.33	0.00	1.27	9.32	0.00	0.07	0.35	13.04	0 - 10:03 hrs
887	☐	SWMH-M7-001	1.76	74.27	low Link Cro	3.89	0 - 10:04 hrs	12.62	12.62	0.58	0.58	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0 - 00:00 hrs
888	☐	SWMH-M7-004	16.36	81.25	w Maximum	0.00	0 - 09:59 hrs	0.00	250.92	0.00	37.06	2,590.61	3.00	11.86	0.00	0.00	0.00	18.60	0 - 09:59 hrs
889	☐	SWMH-M7-005	12.17	82.82	w Maximum	0.00	0 - 09:57 hrs	0.00	271.13	0.00	36.28	3,889.86	2.40	6.17	0.00	0.00	0.00	13.43	0 - 09:57 hrs
890	☐	SWMH-M7-006	10.79	82.60	w Maximum	1.11	0 - 09:57 hrs	0.00	271.10	0.00	36.30	2,652.51	2.66	4.79	1.11	0.00	0.00	0.00	0 - 00:00 hrs
891	☐	SWMH-M7-007	1.10	54.90	low Link Cro	16.10	0 - 10:07 hrs	0.00	8.91	0.00	0.39	140.04	0.00	0.00	0.00	0.00	0.00	0.00	0 - 00:00 hrs
892	☐	SWMH-M7-008	1.12	59.08	low Link Cro	17.42	0 - 10:04 hrs	0.00	8.98	0.00	0.39	-175.75	0.00	0.00	0.00	0.00	0.00	0.00	0 - 00:00 hrs
893	☐	SWMH-M7-009	6.60	81.87	Surcharged	0.00	0 - 10:00 hrs	0.00	31.43	0.00	0.72	18.74	1.58	4.10	0.00	0.00	0.00	25.78	0 - 10:00 hrs
894	☐	SWMH-M7-010	10.51	82.62	w Maximum	0.79	0 - 09:59 hrs	0.00	36.19	0.00	2.70	312.05	10.49	8.19	0.79	0.00	0.00	0.00	0 - 00:00 hrs
895	☐	SWMH-M7-011	10.61	84.38	w Maximum	1.27	0 - 09:57 hrs	0.00	36.18	0.00	2.70	106.34	4.04	8.36	1.27	0.00	0.00	0.00	0 - 00:00 hrs
896	☐	SWMH-M7-013	6.50	82.88	w Maximum	0.00	0 - 10:00 hrs	15.10	15.10	0.71	0.71	0.00	0.54	4.29	0.00	0.00	0.01	10.18	0 - 10:00 hrs
897	☐	SWMH-M7-014	10.84	86.15	Surcharged	0.00	0 - 09:57 hrs	32.13	36.19	1.65	2.73	216.77	3.19	8.59	0.00	0.03	0.19	7.77	0 - 10:03 hrs
898	☐	SWMH-M7-016	10.66	84.93	w Maximum	0.52	0 - 09:59 hrs	0.00	36.19	0.00	2.70	-34.95	3.51	8.40	0.52	0.00	0.00	0.00	0 - 00:00 hrs
899	☐	SWMH-M7-018	13.04	82.00	Surcharged	0.00	0 - 09:59 hrs	0.00	284.73	0.00	36.97	44.84	1.84	5.31	0.00	0.00	0.00	52.45	0 - 09:59 hrs
900	☐	SWMH-M7-019	14.52	82.25	w Maximum	0.00	0 - 09:57 hrs	2.41	271.25	0.09	37.05	649.83	2.97	10.02	0.00	0.00	0.00	31.95	0 - 09:57 hrs
901	☐	SWMH-M7-020	1.06	62.83	low Link Cro	18.17	0 - 09:59 hrs	9.40	9.40	0.39	0.39	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0 - 00:00 hrs
902	☐	SWMH-M7-024	7.38	81.77	w Maximum	0.00	0 - 09:59 hrs	0.00	43.68	0.00	0.72	-17.06	1.69	4.60	0.00	0.00	0.00	40.49	0 - 09:59 hrs
903	☐	SWMH-M8-001	9.60	82.31	w Maximum	0.00	0 - 09:57 hrs	11.15	270.51	0.46	34.39	1,943.47	2.72	3.60	0.00	0.77	0.79	82.06	0 - 10:03 hrs
904	☐	SWMH-M8-002	9.99	84.13	w Maximum	0.38	0 - 09:59 hrs	27.56	259.85	1.40	33.94	1,201.00	2.27	3.99	0.38	0.00	0.00	0.00	0 - 00:00 hrs
905	☐	SWMH-M8-003	10.05	84.52	w Maximum	0.00	0 - 09:57 hrs	21.51	241.82	1.05	32.56	1,246.92	2.25	4.05	0.00	0.01	0.01	52.93	0 - 09:57 hrs
906	☐	SWMH-M8-004	11.40	87.63	w Maximum	0.00	0 - 09:57 hrs	0.00	231.72	0.00	31.52	1,974.62	2.51	5.90	0.00	0.00	0.00	39.48	0 - 09:57 hrs
907	☐	SWMH-M8-005	11.40	89.31	Surcharged	0.00	0 - 09:57 hrs	0.00	236.74	0.00	31.54	2,100.82	2.52	5.90	0.00	0.00	0.00	0.10	0 - 09:57 hrs
908	☐	SWMH-M8-006	12.10	91.73	w Maximum	1.10	0 - 09:57 hrs	0.00	237.59	0.00	31.55	1,695.87	2.58	6.59	1.10	0.00	0.00	0.00	0 - 00:00 hrs
909	☐	SWMH-M8-007	11.68	93.50	w Maximum	2.60	0 - 09:57 hrs	14.11	253.59	0.61	31.56	3,880.61	2.31	6.18	2.60	0.00	0.00	0.00	0 - 00:00 hrs
910	☐	SWMH-M8-008	12.16	95.63	w Maximum	0.94	0 - 09:57 hrs	0.00	75.79	0.00	8.46	304.81	2.18	7.66	0.94	0.00	0.00	0.00	0 - 00:00 hrs
911	☐	SWMH-M8-009	8.46	84.11	w Maximum	0.24	0 - 09:59 hrs	0.00	0.34	0.00	0.00	0.00	3.06	6.21	0.24	0.00	0.00	0.00	0 - 00:00 hrs
912	☐	SWMH-M8-016	10.89	94.54	w Maximum	1.46	0 - 09:57 hrs	0.00	82.39	0.00	8.47	-110.71	2.16	6.39	1.46	0.00	0.00	0.00	0 - 00:00 hrs
913	☐	SWMH-M8-017	14.11	96.76	w Maximum	0.33	0 - 09:56 hrs	0.00	179.97	0.00	22.50	421.50	2.30	9.11	0.33	0.00	0.00	0.00	0 - 00:00 hrs
914	☐	SWMH-M9-001	9.62	97.61	w Maximum	0.00	0 - 09:57 hrs	9.91	9.91	0.42	0.42	0.00	1.76	7.62	0.00	0.00	0.00	4.28	0 - 09:57 hrs
915	☐	SWMH-M9-002	8.69	100.36	w Maximum	1.56	0 - 10:44 hrs	26.96	112.18	1.17	6.34	655.01	7.81	4.69	1.56	0.00	0.00	0.00	0 - 00:00 hrs
916	☐	SWMH-M9-003	8.90	100.35	w Maximum	1.70	0 - 10:52 hrs	0.00	112.23	0.00	6.34	2.87	7.79	4.70	1.70	0.00	0.00	0.00	0 - 00:00 hrs
917	☐	SWMH-M9-004	11.22	100.81	w Maximum	2.58	0 - 09:56 hrs	251.33	251.33	16.93	16.95	1,915.60	2.07	6.60	2.58	0.00	0.00	0.00	0 - 00:00 hrs
918	☐	SWMH-M9-005	10.88	99.09	w Maximum	2.42	0 - 09:56 hrs	0.00	200.01	0.00	22.93	-204.87	2.22	6.16	2.42	0.00	0.00	0.00	0 - 00:00 hrs
919	☐	SWMH-M9-006	12.22	96.86	w Maximum	0.96	0 - 09:56 hrs	0.00	180.03	0.00	22.51	362.01	2.53	7.71	0.96	0.00	0.00	0.00	0 - 00:00 hrs
920	☐	SWMH-M9-007	12.54	96.61	w Maximum	0.88	0 - 09:56 hrs	0.00	180.02	0.00	22.51	1,029.55	2.47	7.72	0.88	0.00	0.00	0.00	0 - 00:00 hrs
921	☐	SWMH-M9-008	13.09	96.55	w Maximum	0.96	0 - 09:56 hrs	0.00	179.99	0.00	22.50	150.46	2.43	8.39	0.96	0.00	0.00	0.00	0 - 00:00 hrs
922	☐	SWMH-M9-009	14.40	97.15	Surcharged	0.00	0 - 09:56 hrs	0.00	179.92	0.00	22.50	1,149.77	2.35	9.40	0.00	0.00	0.00	2.71	0 - 09:56 hrs
923	☐	SWMH-M9-010	12.20	97.92	w Maximum	0.24	0 - 09:56 hrs	4.76	180.06	0.18	22.52	40.20	2.45	7.44	0.24	0.00	0.00	0.00	0 - 00:00 hrs
924	☐	SWMH-N1-001	15.09	38.24	w Maximum	0.03	0 - 12:10 hrs	0.00	59.57	0.00	16.30	15,957.32	40.10	9.09	0.03	0.00	0.00	0.00	0 - 00:00 hrs
925	☐	SWMH-N1-005	10.34	36.00	w Maximum	0.00	0 - 09:56 hrs	1.51	66.74	0.05	24.61	15,423.78	38.62	6.00	0.00	3.21	12.27	15.63	0 - 12:40 hrs
926	☐	SWMH-N1-006	11.82	37.51	Surcharged	0.00	0 - 09:57 hrs	19.02	40.60	0.85	12.81	8,354.67	40.11	8.32	0.00	0.00	0.02	0.05	0 - 09:59 hrs
927	☐	SWMH-N1-007	13.31	38.64	w Maximum	1.36	0 - 12:18 hrs	0.00	43.78	0.00	13.73	7,873.15	30.19	5.05	1.36	0.00	0.00	0.00	0 - 00:00 hrs
928	☐	SWMH-N1-008	12.35	38.94	w Maximum	0.41	0 - 12:51 hrs	0.00	185.62	0.00	15.22	16,634.17	30.83	5.83	0.41	0.00	0.00	0.00	0 - 00:00 hrs
929	☐	SWMH-N1-009	12.23	38.93	Surcharged	-0.14	0 - 12:48 hrs	0.00	185.61	0.00	15.34	16,169.29	30.67	5.72	0.00	0.00	0.00	0.00	0 - 00:00 hrs
930	☐	SWMH-N1-010	8.34	39.02	w Maximum	0.00	0 - 12:18 hrs	0.00	53.55	0.00	5.94	4,725.72	29.08	4.34	0.00	0.00	0.00	0.03	0 - 12:18 hrs
931	☐	SWMH-N1-014	5.90	35.82	Surcharged	0.00	0 - 09:41 hrs	8.19	8.19	0.35	0.45	0.00	34.88	4.40	0.00	0.36	14.29	8.11	0 - 09:59 hrs

EXISTING CONDITIONS 5-YR 24-HR JUNCTIONS

		ID	Maximum Depth (ft)	Maximum HGL (ft)	Maximum HGL Head Class	Freeboard (ft)	Max.Depth Day-Time (day-time)	Maximum Lateral Inflow (cfs)	Maximum Total Inflow (cfs)	Lateral Inflow Volume (MG)	Total Inflow Volume (MG)	Flow Volume Difference (MG)	Total Surcharge Time (hrs)	Max.Surchar ge Height Above Crown	Min.Surchar ge Depth Below Rim (ft)	Total Flood Volume (MG)	Total Flood Time (hrs)	Maximum Flood Rate (cfs)	Max.Flood Day-Time (day-time)
932	☐	SWMH-N1-015	7.65	38.49	w Maximum	1.46	0 - 12:42 hrs	0.00	16.31	0.00	1.73	2,811.07	28.35	2.73	1.46	0.00	0.00	0.00	0 - 00:00 hrs
933	☐	SWMH-N1-016	12.96	38.87	w Maximum	1.34	0 - 12:06 hrs	0.00	43.81	0.00	13.57	1,624.17	39.95	9.46	1.34	0.00	0.00	0.00	0 - 00:00 hrs
934	☐	SWMH-N1-017	13.20	38.96	w Maximum	1.12	0 - 12:18 hrs	0.00	43.80	0.00	13.55	2,344.88	40.09	9.69	1.12	0.00	0.00	0.00	0 - 00:00 hrs
935	☐	SWMH-N2-001	6.84	39.47	w Maximum	0.00	0 - 09:56 hrs	0.00	20.22	0.00	1.94	3,254.39	28.46	3.95	0.00	0.00	0.00	0.12	0 - 09:56 hrs
936	☐	SWMH-N2-002	6.82	40.68	w Maximum	0.08	0 - 09:56 hrs	2.88	20.22	0.10	1.95	3,016.79	28.23	4.07	0.08	0.00	0.00	0.00	0 - 00:00 hrs
937	☐	SWMH-N2-003	7.36	41.45	w Maximum	0.49	0 - 09:56 hrs	8.50	17.78	0.36	1.86	2,787.50	26.55	4.61	0.49	0.00	0.00	0.00	0 - 00:00 hrs
938	☐	SWMH-N2-004	6.74	41.48	w Maximum	1.52	0 - 09:56 hrs	0.00	13.00	0.00	1.52	1,320.43	19.53	3.99	1.52	0.00	0.00	0.00	0 - 00:00 hrs
939	☐	SWMH-N2-005	6.45	41.33	Surcharged	0.00	0 - 09:56 hrs	0.00	13.02	0.00	1.52	442.73	15.42	3.40	0.00	0.00	0.00	1.00	0 - 09:56 hrs
940	☐	SWMH-N2-007	11.66	40.00	w Maximum	0.00	0 - 09:56 hrs	10.00	178.45	0.39	21.95	23,626.84	29.48	5.66	0.00	0.00	0.00	0.10	0 - 09:56 hrs
941	☐	SWMH-N2-008	11.97	41.14	w Maximum	0.45	0 - 09:56 hrs	0.00	169.50	0.00	21.05	12,221.79	28.83	5.97	0.45	0.00	0.00	0.00	0 - 00:00 hrs
942	☐	SWMH-N2-009	11.13	41.78	w Maximum	2.19	0 - 09:56 hrs	0.00	167.71	0.00	21.49	7,799.90	14.51	3.74	2.19	0.00	0.00	0.00	0 - 00:00 hrs
943	☐	SWMH-N2-010	11.65	42.39	w Maximum	1.11	0 - 09:56 hrs	0.00	167.68	0.00	21.63	18,781.79	12.67	4.15	1.11	0.00	0.00	0.00	0 - 00:00 hrs
944	☐	SWMH-N2-011	7.90	44.42	Surcharged	0.00	0 - 09:56 hrs	6.77	30.70	0.28	1.96	9.15	5.43	5.05	0.00	0.00	0.00	26.99	0 - 09:56 hrs
945	☐	SWMH-N2-012	8.45	38.90	Surcharged	0.00	0 - 09:56 hrs	0.00	23.94	0.00	1.80	420.24	31.87	6.20	0.00	0.63	3.08	23.22	0 - 09:59 hrs
946	☐	SWMH-N2-013	8.40	38.86	Surcharged	0.00	0 - 09:56 hrs	0.00	16.62	0.00	1.65	680.42	31.82	6.15	0.00	1.04	3.70	16.62	0 - 10:25 hrs
947	☐	SWMH-N2-014	8.57	39.29	w Maximum	0.41	0 - 10:03 hrs	0.00	15.18	0.00	1.10	1,047.85	31.10	6.23	0.41	0.00	0.00	0.00	0 - 00:00 hrs
948	☐	SWMH-N2-015	8.55	39.57	Surcharged	0.00	0 - 09:56 hrs	0.00	15.21	0.00	1.10	788.01	30.80	6.30	0.00	0.00	0.01	0.02	0 - 10:14 hrs
949	☐	SWMH-N2-016	8.18	39.58	Surcharged	0.00	0 - 09:53 hrs	24.01	24.01	1.20	1.20	0.00	30.60	6.18	0.00	0.10	0.58	14.07	0 - 10:03 hrs
950	☐	SWMH-N2-017	8.89	41.23	w Maximum	0.95	0 - 09:56 hrs	0.00	16.97	0.00	1.15	1,236.80	29.32	6.64	0.95	0.00	0.00	0.00	0 - 00:00 hrs
951	☐	SWMH-N2-018	7.70	41.24	Surcharged	0.00	0 - 09:56 hrs	9.71	17.56	0.42	1.19	1,923.95	28.59	5.45	0.00	0.03	0.30	5.72	0 - 10:03 hrs
952	☐	SWMH-N2-019	7.05	42.63	w Maximum	0.00	0 - 09:52 hrs	0.00	9.73	0.00	0.77	431.27	16.54	4.80	0.00	0.00	0.00	3.19	0 - 09:52 hrs
953	☐	SWMH-N2-020	7.58	39.22	w Maximum	0.69	0 - 09:56 hrs	12.72	53.56	0.59	5.96	6,294.50	28.45	3.46	0.69	0.00	0.00	0.00	0 - 00:00 hrs
954	☐	SWMH-N2-022	4.40	44.86	w Maximum	0.00	0 - 09:53 hrs	16.93	16.93	0.83	0.83	0.00	1.64	2.90	0.00	0.06	0.46	9.08	0 - 10:03 hrs
955	☐	SWMH-N2-023	4.85	39.09	w Maximum	0.00	0 - 09:56 hrs	0.00	0.93	0.00	0.00	0.00	28.37	3.10	0.00	0.00	0.01	0.04	0 - 09:56 hrs
956	☐	SWMH-N3-001	6.24	49.11	Surcharged	0.00	0 - 09:59 hrs	15.19	44.35	0.72	0.92	152.26	1.35	3.49	0.00	0.00	0.04	5.25	0 - 10:00 hrs
957	☐	SWMH-N3-002	5.91	49.27	Surcharged	0.00	0 - 09:59 hrs	0.00	6.83	0.00	0.21	16.53	1.16	3.41	0.00	0.00	0.00	5.28	0 - 09:59 hrs
958	☐	SWMH-N3-003	6.02	50.58	w Maximum	0.00	0 - 09:59 hrs	19.24	32.09	0.96	3.67	765.12	2.45	3.75	0.00	0.02	0.21	7.02	0 - 10:03 hrs
959	☐	SWMH-N3-004	6.01	51.19	w Maximum	0.31	0 - 10:02 hrs	0.00	14.20	0.00	2.71	295.64	2.50	3.76	0.31	0.00	0.00	0.00	0 - 00:00 hrs
960	☐	SWMH-N3-005	5.04	48.66	Surcharged	0.00	0 - 09:59 hrs	4.86	11.49	0.21	0.24	32.58	1.35	3.00	0.00	0.04	0.24	9.72	0 - 10:03 hrs
961	☐	SWMH-N3-007	8.45	45.20	w Maximum	0.00	0 - 09:56 hrs	16.80	67.81	0.82	6.99	-1,713.42	3.76	4.70	0.00	0.00	0.00	6.70	0 - 09:56 hrs
962	☐	SWMH-N3-008	8.74	46.76	w Maximum	0.00	0 - 09:56 hrs	0.00	53.07	0.00	6.18	1,099.99	3.00	4.99	0.00	0.00	0.00	10.97	0 - 09:56 hrs
963	☐	SWMH-N3-010	5.54	48.12	Surcharged	0.00	0 - 09:49 hrs	18.82	23.54	0.95	2.10	156.76	3.33	3.54	0.00	0.00	0.09	3.96	0 - 09:49 hrs
964	☐	SWMH-N3-011	5.59	51.27	w Maximum	0.53	0 - 10:06 hrs	0.00	8.59	0.00	1.65	68.50	3.51	3.84	0.53	0.00	0.00	0.00	0 - 00:00 hrs
965	☐	SWMH-N3-012	4.89	51.29	w Maximum	0.00	0 - 09:56 hrs	0.00	8.59	0.00	1.66	93.79	3.87	3.39	0.00	0.00	0.25	0.21	0 - 10:00 hrs
966	☐	SWMH-N3-013	4.90	51.80	Surcharged	0.00	0 - 09:45 hrs	19.05	22.47	0.94	1.86	215.67	6.93	3.40	0.00	0.21	1.15	18.84	0 - 10:03 hrs
967	☐	SWMH-N3-014	9.22	47.62	Surcharged	0.00	0 - 09:56 hrs	27.96	58.32	1.34	6.21	980.42	3.43	5.50	0.00	0.02	0.14	7.32	0 - 10:03 hrs
968	☐	SWMH-N3-019	4.74	49.07	Surcharged	0.00	0 - 09:51 hrs	6.31	6.31	0.26	0.26	23.31	3.11	3.74	0.00	0.02	0.44	3.49	0 - 09:59 hrs
969	☐	SWMH-N3-020	5.90	48.50	w Maximum	0.00	0 - 09:49 hrs	0.00	8.05	0.00	0.94	134.04	4.15	4.40	0.00	0.00	0.12	0.26	0 - 09:49 hrs
970	☐	SWMH-N3-024	10.23	49.53	w Maximum	0.00	0 - 09:59 hrs	7.37	49.71	0.29	5.10	1,412.68	1.16	3.67	0.00	0.00	0.00	19.01	0 - 09:59 hrs
971	☐	SWMH-N3-026	4.80	49.67	Surcharged	0.00	0 - 09:48 hrs	0.00	7.64	0.00	0.07	0.00	2.74	2.95	0.00	0.06	0.39	7.64	0 - 10:08 hrs
972	☐	SWMH-N4-001	5.65	51.22	Surcharged	0.00	0 - 09:48 hrs	10.70	21.13	0.47	1.12	182.22	1.51	3.37	0.00	0.05	0.26	13.22	0 - 10:03 hrs
973	☐	SWMH-N4-002	8.10	50.67	Surcharged	0.00	0 - 09:57 hrs	0.00	99.13	0.00	7.18	271.84	1.49	4.10	0.00	0.00	0.00	2.38	0 - 09:57 hrs
974	☐	SWMH-N4-003	6.80	51.44	w Maximum	0.00	0 - 09:59 hrs	2.86	33.83	0.10	2.46	135.44	1.63	3.72	0.00	0.00	0.02	3.43	0 - 09:59 hrs
975	☐	SWMH-N4-004	6.40	55.17	w Maximum	0.00	0 - 09:56 hrs	0.00	26.45	0.00	2.10	123.28	1.09	3.58	0.00	0.00	0.00	0.54	0 - 09:57 hrs
976	☐	SWMH-N4-005	6.36	55.61	w Maximum	0.00	0 - 09:56 hrs	12.43	26.44	0.56	2.11	104.64	1.22	3.86	0.00	0.00	0.00	0.24	0 - 09:57 hrs
977	☐	SWMH-N4-006	6.15	55.23	w Maximum	0.00	0 - 09:56 hrs	0.00	18.02	0.00	1.56	411.33	1.85	3.98	0.00	0.00	0.04	0.30	0 - 09:59 hrs
978	☐	SWMH-N4-007	6.08	56.01	w Maximum	0.00	0 - 09:52 hrs	34.28	34.28	1.74	1.75	205.65	2.18	4.08	0.00	0.18	0.56	25.17	0 - 10:03 hrs
979	☐	SWMH-N4-008	6.87	57.12	Surcharged	0.00	0 - 09:51 hrs	0.00	3.32	0.00	0.02	27.06	1.83	4.87	0.00	0.00	0.00	1.18	0 - 09:51 hrs
980	☐	SWMH-N4-009	7.47	51.07	w Maximum	0.21	0 - 09:57 hrs	0.00	30.46	0.00	0.88	632.53	1.75	4.91	0.21	0.00	0.00	0.00	0 - 00:00 hrs

EXISTING CONDITIONS 5-YR 24-HR JUNCTIONS

		ID	Maximum Depth (ft)	Maximum HGL (ft)	Maximum HGL Head Class	Freeboard (ft)	Max.Depth Day-Time (day-time)	Maximum Lateral Inflow (cfs)	Maximum Total Inflow (cfs)	Lateral Inflow Volume (MG)	Total Inflow Volume (MG)	Flow Volume Difference (MG)	Total Surcharge Time (hrs)	Max.Surchar ge Height Above Ground (ft)	Min.Surchar ge Depth Below Rim (ft)	Total Flood Volume (MG)	Total Flood Time (hrs)	Maximum Flood Rate (cfs)	Max.Flood Day-Time (day-time)
981	☐	SWMH-N4-010	7.30	51.56	w Maximum	0.00	0 - 09:56 hrs	8.70	30.48	0.37	0.88	48.25	1.53	4.80	0.00	0.00	0.02	2.63	0 - 09:56 hrs
982	☐	SWMH-N4-011	5.50	51.76	w Maximum	0.00	0 - 09:53 hrs	8.77	36.32	0.37	2.81	557.20	1.64	2.95	0.00	0.02	0.21	5.77	0 - 10:03 hrs
983	☐	SWMH-N4-012	5.28	52.15	Surcharged	0.00	0 - 09:53 hrs	0.00	28.23	0.00	2.44	307.26	1.61	2.73	0.00	0.00	0.01	0.20	0 - 09:53 hrs
984	☐	SWMH-N4-021	7.34	50.57	Surcharged	0.00	0 - 09:56 hrs	6.44	39.85	0.26	1.27	-322.27	1.71	4.44	0.00	0.00	0.00	9.33	0 - 09:56 hrs
985	☐	SWMH-N4-022	6.00	50.67	Surcharged	0.00	0 - 09:57 hrs	0.00	9.90	0.00	0.14	109.90	1.70	4.50	0.00	0.00	0.00	7.22	0 - 09:57 hrs
986	☐	SWMH-N4-025	6.28	57.85	Surcharged	0.00	0 - 09:51 hrs	0.00	3.05	0.00	0.00	0.00	1.56	4.78	0.00	0.00	0.00	2.42	0 - 09:51 hrs
987	☐	SWMH-N4-026	4.50	54.80	Surcharged	0.00	0 - 09:52 hrs	0.00	2.03	0.00	0.01	0.00	1.61	3.25	0.00	0.01	0.25	2.03	0 - 10:03 hrs
988	☐	SWMH-N4-030	7.05	52.10	Surcharged	0.00	0 - 09:56 hrs	0.00	30.64	0.00	0.51	-113.87	1.06	3.28	0.00	0.00	0.01	15.08	0 - 09:56 hrs
989	☐	SWMH-N4-031	5.43	52.33	Surcharged	0.00	0 - 09:53 hrs	48.49	48.49	2.72	2.72	0.00	1.78	2.73	0.00	0.28	0.59	35.73	0 - 10:03 hrs
990	☐	SWMH-N4-032	6.25	51.33	w Maximum	0.00	0 - 09:57 hrs	1.99	46.32	0.07	3.59	-310.24	1.45	3.25	0.00	0.00	0.03	27.52	0 - 09:57 hrs
991	☐	SWMH-N4-033	6.10	55.37	Surcharged	0.00	0 - 09:56 hrs	0.00	18.02	0.00	1.55	25.42	1.50	4.10	0.00	0.00	0.00	0.36	0 - 09:57 hrs
992	☐	SWMH-N5-001	13.61	54.48	w Maximum	8.13	0 - 09:55 hrs	33.34	187.69	1.54	18.60	14,379.71	2.34	4.49	8.13	0.00	0.00	0.00	0 - 00:00 hrs
993	☐	SWMH-N5-003	9.07	54.32	w Maximum	0.18	0 - 09:55 hrs	0.00	25.55	0.00	1.17	4,622.45	3.58	5.07	0.18	0.00	0.00	0.00	0 - 00:00 hrs
994	☐	SWMH-N5-004	8.42	54.25	w Maximum	1.75	0 - 09:55 hrs	0.00	13.53	0.00	1.13	2,023.19	2.51	4.42	1.75	0.00	0.00	0.00	0 - 00:00 hrs
995	☐	SWMH-N5-005	6.49	54.05	w Maximum	0.25	0 - 09:57 hrs	0.00	12.18	0.00	1.10	575.17	3.32	4.48	0.25	0.00	0.00	0.00	0 - 00:00 hrs
996	☐	SWMH-N5-007	5.19	53.80	w Maximum	0.00	0 - 09:47 hrs	26.65	26.65	1.29	1.29	0.00	2.40	3.19	0.00	0.20	0.63	24.95	0 - 10:03 hrs
997	☐	SWMH-N5-009	3.43	51.38	Surcharged	0.00	0 - 09:52 hrs	0.00	27.27	0.00	1.30	81.73	0.90	0.68	0.00	0.16	0.40	26.21	0 - 10:03 hrs
998	☐	SWMH-N5-013	4.41	51.55	w Maximum	5.48	0 - 10:03 hrs	0.00	13.80	0.00	1.39	732.42	1.12	1.66	5.48	0.00	0.00	0.00	0 - 00:00 hrs
999	☐	SWMH-N5-015	3.70	53.57	w Maximum	0.00	0 - 09:53 hrs	0.00	8.68	0.00	0.04	0.00	1.17	1.70	0.00	0.03	0.23	8.68	0 - 10:03 hrs
1000	☐	SWMH-N6-001	18.38	56.26	Surcharged	0.00	0 - 00:00 hrs	0.00	361.82	0.00	19.22	12,433.39	47.98	13.25	0.00	0.01	0.00	239.21	0 - 00:00 hrs
1001	☐	SWMH-N6-002	8.96	55.68	w Maximum	3.58	0 - 09:55 hrs	26.68	66.56	1.34	4.12	1,622.63	3.18	6.20	3.58	0.00	0.00	0.00	0 - 00:00 hrs
1002	☐	SWMH-N6-003	12.65	61.16	Surcharged	0.00	0 - 09:55 hrs	0.00	41.45	0.00	2.74	-572.90	1.06	9.30	0.00	0.00	0.00	6.50	0 - 09:55 hrs
1003	☐	SWMH-N6-004	0.52	53.89	low Link Cro	7.43	0 - 10:03 hrs	0.00	0.32	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0 - 00:00 hrs
1004	☐	SWMH-N6-005	1.61	53.88	low Link Cro	7.87	0 - 10:04 hrs	15.21	15.21	0.64	0.64	106.40	0.00	0.00	0.00	0.00	0.00	0.00	0 - 00:00 hrs
1005	☐	SWMH-N6-006	15.93	60.89	Surcharged	0.00	0 - 00:01 hrs	0.00	28.61	0.00	0.66	619.94	47.95	13.75	0.00	0.00	0.00	9.70	0 - 00:01 hrs
1006	☐	SWMH-N6-013	5.72	53.11	w Maximum	5.89	0 - 09:52 hrs	0.00	33.79	0.00	2.26	396.61	2.33	3.71	5.89	0.00	0.00	0.00	0 - 00:00 hrs
1007	☐	SWMH-N6-014?	6.67	52.61	w Maximum	0.65	0 - 00:00 hrs	0.00	38.87	0.00	2.26	753.25	47.98	4.16	0.65	0.00	0.00	0.00	0 - 00:00 hrs
1008	☐	SWMH-N6-017	8.92	54.95	w Maximum	3.58	0 - 00:03 hrs	0.00	66.56	0.00	4.15	1,954.82	1.94	5.42	3.58	0.00	0.00	0.00	0 - 00:00 hrs
1009	☐	SWMH-N7-003	3.77	56.23	low Link Cro	10.59	0 - 10:04 hrs	0.00	32.45	0.00	5.47	985.96	0.00	0.00	0.00	0.00	0.00	0.00	0 - 00:00 hrs
1010	☐	SWMH-N7-004	3.37	56.63	w Maximum	7.87	0 - 10:02 hrs	0.00	26.04	0.00	5.15	320.46	1.68	0.87	7.87	0.00	0.00	0.00	0 - 00:00 hrs
1011	☐	SWMH-N7-005	1.98	57.86	low Link Cro	10.64	0 - 10:04 hrs	0.00	25.85	0.00	5.14	262.22	0.00	0.00	0.00	0.00	0.00	0.00	0 - 00:00 hrs
1012	☐	SWMH-N7-006	7.19	68.00	w Maximum	0.00	0 - 09:41 hrs	30.79	41.79	1.76	5.26	813.71	6.23	5.19	0.00	0.12	0.62	16.54	0 - 10:03 hrs
1013	☐	SWMH-N7-007	5.50	64.78	w Maximum	0.00	0 - 09:59 hrs	7.87	7.87	0.31	0.31	0.00	0.24	4.00	0.00	0.00	0.00	1.00	0 - 09:59 hrs
1014	☐	SWMH-N8-001	1.81	64.13	low Link Cro	7.87	0 - 10:15 hrs	0.00	25.20	0.00	2.26	95.45	0.00	0.00	0.00	0.00	0.00	0.00	0 - 00:00 hrs
1015	☐	SWMH-N8-002	10.92	80.00	w Maximum	0.00	0 - 09:55 hrs	38.75	38.75	2.33	2.33	0.00	1.49	8.92	0.00	0.07	0.34	13.55	0 - 10:03 hrs
1016	☐	SWMH-N8-003	1.66	69.12	low Link Cro	8.58	0 - 10:04 hrs	0.00	33.35	0.00	1.94	-276.29	0.00	0.00	0.00	0.00	0.00	0.00	0 - 00:00 hrs
1017	☐	SWMH-N8-004	2.18	71.76	low Link Cro	3.24	0 - 10:04 hrs	33.90	33.90	1.94	1.94	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0 - 00:00 hrs
1018	☐	SWMH-N8-005	7.65	71.00	w Maximum	0.00	0 - 09:38 hrs	17.18	34.25	0.88	4.14	1,123.61	8.05	5.65	0.00	0.63	2.67	23.25	0 - 10:03 hrs
1019	☐	SWMH-N8-007	12.71	78.80	Surcharged	0.00	0 - 09:38 hrs	61.02	61.02	3.83	3.83	0.00	7.48	10.71	0.00	0.57	1.70	43.93	0 - 10:03 hrs
1020	☐	SWMH-O1-001	12.40	38.89	Surcharged	-1.00	0 - 13:17 hrs	0.00	281.89	0.00	34.85	36,890.67	30.88	5.85	0.00	0.00	0.00	0.00	0 - 00:00 hrs
1021	☐	SWMH-O2-001	10.05	39.81	w Maximum	0.19	0 - 09:55 hrs	0.00	88.32	0.00	13.83	17,942.38	29.41	5.23	0.19	0.00	0.00	0.00	0 - 00:00 hrs
1022	☐	SWMH-O2-002	11.11	41.79	Surcharged	-0.79	0 - 09:55 hrs	10.10	88.32	0.42	13.30	16,117.11	29.14	6.61	0.00	0.00	0.00	0.00	0 - 00:00 hrs
1023	☐	SWMH-O2-003	13.97	45.96	Surcharged	-2.96	0 - 09:55 hrs	28.79	104.81	1.39	15.37	29,294.85	20.69	8.44	0.00	0.00	0.00	0.00	0 - 00:00 hrs
1024	☐	SWMH-O2-005	9.09	39.92	w Maximum	2.08	0 - 09:56 hrs	0.00	13.38	0.00	1.17	3,217.09	28.88	4.29	2.08	0.00	0.00	0.00	0 - 00:00 hrs
1025	☐	SWMH-O2-006	8.39	39.94	w Maximum	0.13	0 - 10:26 hrs	9.04	13.39	0.39	1.18	1,962.68	31.16	5.33	0.13	0.00	0.00	0.00	0 - 00:00 hrs
1026	☐	SWMH-O2-007	8.23	40.04	w Maximum	0.00	0 - 09:51 hrs	11.42	22.69	0.51	1.00	756.00	39.93	5.73	0.00	0.01	0.21	4.56	0 - 09:59 hrs
1027	☐	SWMH-O2-008	8.18	40.45	w Maximum	0.17	0 - 09:59 hrs	11.27	11.27	0.49	0.49	0.00	33.68	5.93	0.17	0.00	0.00	0.00	0 - 00:00 hrs
1028	☐	SWMH-O2-009	7.20	42.07	Surcharged	0.00	0 - 09:55 hrs	0.00	55.57	0.00	2.72	2,142.63	12.11	3.63	0.00	0.65	0.92	55.56	0 - 10:03 hrs
1029	☐	SWMH-O2-013	8.52	44.39	w Maximum	0.00	0 - 09:56 hrs	0.00	68.27	0.00	3.96	-1,305.27	3.57	4.30	0.00	0.00	0.00	63.42	0 - 09:56 hrs

EXISTING CONDITIONS 5-YR 24-HR JUNCTIONS

		ID	Maximum Depth (ft)	Maximum HGL (ft)	Maximum HGL Head Class	Freeboard (ft)	Max.Depth Day-Time (day-time)	Maximum Lateral Inflow (cfs)	Maximum Total Inflow (cfs)	Lateral Inflow Volume (MG)	Total Inflow Volume (MG)	Flow Volume Difference (MG)	Total Surcharge Time (hrs)	Max.Surchar ge Height Above Ground (ft)	Min.Surchar ge Depth Below Rim (ft)	Total Flood Volume (MG)	Total Flood Time (hrs)	Maximum Flood Rate (cfs)	Max.Flood Day-Time (day-time)
1030	☐	SWMH-O2-014	13.34	44.56	Surcharged	0.00	0 - 09:56 hrs	0.00	142.60	0.00	19.19	16,568.71	5.87	5.20	0.00	0.00	0.00	13.59	0 - 09:56 hrs
1031	☐	SWMH-O2-016	8.08	39.76	Surcharged	0.00	0 - 09:49 hrs	0.00	18.62	0.00	0.98	0.00	30.81	5.08	0.00	0.18	0.86	18.62	0 - 09:59 hrs
1032	☐	SWMH-O3-002	7.84	45.06	w Maximum	0.00	0 - 09:57 hrs	0.23	30.26	0.01	1.61	1,634.50	3.74	5.00	0.00	0.00	0.00	26.00	0 - 09:57 hrs
1033	☐	SWMH-O3-005	8.50	49.24	w Maximum	0.00	0 - 10:00 hrs	11.14	29.16	0.47	1.61	-243.70	2.14	5.75	0.00	0.00	0.00	26.84	0 - 10:00 hrs
1034	☐	SWMH-O3-006	7.52	49.23	w Maximum	0.00	0 - 10:00 hrs	0.00	40.90	0.00	1.15	31.46	1.81	4.77	0.00	0.00	0.01	1.30	0 - 10:00 hrs
1035	☐	SWMH-O3-007	6.58	49.36	w Maximum	0.00	0 - 09:59 hrs	0.00	44.34	0.00	0.74	401.04	1.31	3.80	0.00	0.00	0.00	20.52	0 - 09:59 hrs
1036	☐	SWMH-O3-008	7.03	49.39	w Maximum	0.32	0 - 10:00 hrs	0.00	8.88	0.00	0.41	-11.29	1.87	4.99	0.32	0.00	0.00	0.00	0 - 00:00 hrs
1037	☐	SWMH-O3-009	6.74	49.35	Surcharged	0.00	0 - 10:00 hrs	0.00	9.59	0.00	0.41	74.95	1.61	4.66	0.00	0.00	0.00	8.01	0 - 10:00 hrs
1038	☐	SWMH-O3-010	13.65	44.97	Surcharged	0.00	0 - 09:56 hrs	2.77	124.14	0.10	10.52	9,749.63	27.18	8.15	0.00	0.00	0.00	0.30	0 - 09:56 hrs
1039	☐	SWMH-O3-013	13.06	45.22	w Maximum	0.00	0 - 09:56 hrs	22.34	121.90	1.11	10.61	13,585.62	18.63	7.56	0.00	0.00	0.01	2.00	0 - 09:56 hrs
1040	☐	SWMH-O3-014	13.30	46.70	w Maximum	0.00	0 - 09:56 hrs	0.00	99.53	0.00	9.58	2,735.19	8.71	7.80	0.00	0.00	0.00	1.40	0 - 09:57 hrs
1041	☐	SWMH-O3-015	13.18	46.68	w Maximum	0.00	0 - 09:56 hrs	0.00	99.58	0.00	9.60	2,474.45	11.33	8.18	0.00	0.00	0.01	11.64	0 - 09:56 hrs
1042	☐	SWMH-O3-016	13.25	48.66	w Maximum	0.00	0 - 09:56 hrs	21.73	99.68	1.04	9.63	545.81	3.62	8.25	0.00	0.00	0.00	28.72	0 - 09:56 hrs
1043	☐	SWMH-O3-017	13.80	49.63	w Maximum	0.00	0 - 09:56 hrs	0.00	83.27	0.00	8.60	1,222.81	3.77	9.30	0.00	0.00	0.00	31.37	0 - 09:56 hrs
1044	☐	SWMH-O3-018	12.30	49.88	w Maximum	0.00	0 - 09:57 hrs	13.18	93.63	0.62	8.61	115.15	2.39	7.30	0.00	0.00	0.00	69.43	0 - 09:57 hrs
1045	☐	SWMH-O3-019	10.04	49.85	w Maximum	0.00	0 - 09:57 hrs	0.00	93.51	0.00	7.98	431.88	1.89	5.52	0.00	0.00	0.00	72.33	0 - 09:57 hrs
1046	☐	SWMH-O3-020	7.85	45.99	Surcharged	0.00	0 - 09:56 hrs	0.00	121.83	0.00	14.14	5,470.61	4.51	3.35	0.00	0.88	1.03	59.79	0 - 10:03 hrs
1047	☐	SWMH-O3-021	9.95	48.45	w Maximum	0.00	0 - 09:56 hrs	29.77	129.15	1.52	14.35	1,003.57	4.33	5.45	0.00	0.00	0.00	43.03	0 - 09:56 hrs
1048	☐	SWMH-O3-022	9.02	48.55	w Maximum	0.00	0 - 09:56 hrs	0.00	117.08	0.00	12.76	3,179.14	3.49	4.02	0.00	0.09	0.32	72.14	0 - 09:56 hrs
1049	☐	SWMH-O3-025	7.83	49.19	w Maximum	0.00	0 - 09:57 hrs	0.00	25.84	0.00	1.18	-132.97	2.16	5.62	0.00	0.01	0.02	25.64	0 - 09:57 hrs
1050	☐	SWMH-O3-031	6.53	49.40	Surcharged	0.00	0 - 09:56 hrs	0.00	5.62	0.00	0.22	-50.32	3.50	4.78	0.00	0.00	0.03	5.08	0 - 09:56 hrs
1051	☐	SWMH-O3-032	5.82	49.42	Surcharged	0.00	0 - 09:56 hrs	0.00	5.14	0.00	0.23	-64.45	3.24	4.19	0.00	0.01	0.40	4.74	0 - 09:56 hrs
1052	☐	SWMH-O3-033	5.46	49.86	w Maximum	0.00	0 - 09:57 hrs	6.20	6.20	0.25	0.25	83.44	2.88	3.60	0.00	0.00	0.02	0.56	0 - 09:57 hrs
1053	☐	SWMH-O3-034	5.60	45.85	w Maximum	0.00	0 - 09:56 hrs	6.80	13.69	0.28	0.46	0.00	5.34	4.10	0.00	0.28	1.28	13.69	0 - 10:03 hrs
1054	☐	SWMH-O3-036	7.45	49.19	Surcharged	0.00	0 - 09:57 hrs	12.46	14.25	0.58	0.80	154.28	4.18	5.43	0.00	0.03	0.36	6.82	0 - 10:03 hrs
1055	☐	SWMH-O4-001	8.89	50.24	w Maximum	0.00	0 - 09:59 hrs	0.00	94.35	0.00	6.83	337.89	1.62	4.82	0.00	0.01	0.01	65.64	0 - 09:59 hrs
1056	☐	SWMH-O4-002	7.15	52.76	w Maximum	0.00	0 - 09:57 hrs	0.00	30.98	0.00	2.36	-40.45	1.44	4.08	0.00	0.00	0.00	1.03	0 - 09:57 hrs
1057	☐	SWMH-O4-003	8.04	54.30	w Maximum	0.28	0 - 09:57 hrs	3.61	30.99	0.13	2.36	-183.31	1.35	4.97	0.28	0.00	0.00	0.00	0 - 00:00 hrs
1058	☐	SWMH-O4-004	9.10	56.03	Surcharged	0.00	0 - 09:57 hrs	3.48	30.06	0.12	2.23	214.94	1.22	6.10	0.00	0.00	0.00	6.22	0 - 09:57 hrs
1059	☐	SWMH-O4-005	7.25	54.81	Surcharged	0.00	0 - 09:57 hrs	0.00	26.23	0.00	2.10	239.09	1.34	4.43	0.00	0.00	0.00	1.32	0 - 09:57 hrs
1060	☐	SWMH-O4-006	6.92	53.47	Surcharged	0.00	0 - 09:56 hrs	16.38	56.76	0.81	4.75	575.12	2.77	3.86	0.00	0.31	0.72	33.85	0 - 10:03 hrs
1061	☐	SWMH-O4-007	6.95	55.58	w Maximum	0.00	0 - 09:56 hrs	22.76	38.12	1.08	3.18	613.88	2.07	3.90	0.00	0.00	0.00	4.03	0 - 09:56 hrs
1062	☐	SWMH-O4-008	8.22	57.09	Surcharged	0.00	0 - 09:56 hrs	0.00	21.27	0.00	2.10	443.92	1.74	4.88	0.00	0.00	0.00	11.00	0 - 09:56 hrs
1063	☐	SWMH-O4-010	6.15	54.20	w Maximum	0.00	0 - 09:56 hrs	0.00	11.93	0.00	0.81	159.74	2.64	4.15	0.00	0.00	0.03	8.85	0 - 09:56 hrs
1064	☐	SWMH-O4-013	7.90	49.65	Surcharged	0.00	0 - 09:57 hrs	0.00	22.72	0.00	1.18	276.25	2.25	5.72	0.00	0.00	0.02	1.28	0 - 09:59 hrs
1065	☐	SWMH-O4-014	7.68	49.67	Surcharged	0.00	0 - 09:59 hrs	0.00	22.71	0.00	1.18	-71.74	2.17	5.47	0.00	0.00	0.01	0.15	0 - 10:00 hrs
1066	☐	SWMH-O4-015	7.51	50.11	w Maximum	0.00	0 - 09:57 hrs	24.20	24.20	1.23	1.23	0.00	1.98	5.13	0.00	0.05	0.29	11.85	0 - 10:00 hrs
1067	☐	SWMH-O4-016	7.40	54.35	Surcharged	0.00	0 - 09:52 hrs	15.08	16.47	0.70	0.82	188.75	2.36	5.90	0.00	0.08	0.57	11.02	0 - 10:03 hrs
1068	☐	SWMH-O4-018	5.58	58.50	Surcharged	0.00	0 - 09:56 hrs	0.00	2.88	0.00	0.59	317.45	3.81	4.58	0.00	0.00	0.01	0.03	0 - 09:56 hrs
1069	☐	SWMH-O4-019	4.55	49.85	Surcharged	0.00	0 - 09:57 hrs	0.00	2.01	0.00	0.00	0.00	1.46	3.55	0.00	0.00	0.00	1.85	0 - 09:59 hrs
1070	☐	SWMH-O4-020	7.60	49.34	Surcharged	0.00	0 - 09:57 hrs	14.09	93.88	0.67	6.98	446.00	1.54	3.20	0.00	0.14	0.27	40.28	0 - 09:59 hrs
1071	☐	SWMH-O4-023	5.05	56.11	Surcharged	0.00	0 - 09:55 hrs	8.13	8.13	0.33	0.33	0.00	1.91	3.80	0.00	0.03	0.37	5.28	0 - 09:59 hrs
1072	☐	SWMH-O4-025	5.90	56.32	Surcharged	0.00	0 - 09:56 hrs	0.00	7.31	0.00	0.00	0.00	1.71	4.15	0.00	0.00	0.01	6.93	0 - 09:56 hrs
1073	☐	SWMH-O4-026	7.72	56.69	Surcharged	0.00	0 - 09:56 hrs	0.00	18.01	0.00	0.67	107.29	1.56	3.80	0.00	0.00	0.01	16.93	0 - 09:56 hrs
1074	☐	SWMH-O4-030	4.85	56.41	Surcharged	0.00	0 - 09:52 hrs	5.29	5.29	0.20	0.21	61.72	1.75	3.75	0.00	0.00	0.14	2.89	0 - 09:57 hrs
1075	☐	SWMH-O5-001	13.36	55.46	w Maximum	3.29	0 - 09:55 hrs	45.28	153.30	2.41	15.71	7,812.09	47.81	8.35	3.29	0.00	0.00	0.00	0 - 00:00 hrs
1076	☐	SWMH-O5-002	13.38	56.23	w Maximum	1.27	0 - 09:55 hrs	0.00	119.74	0.00	13.26	9,790.11	47.63	8.09	1.27	0.00	0.00	0.00	0 - 00:00 hrs
1077	☐	SWMH-O5-003	13.39	57.52	w Maximum	1.88	0 - 09:55 hrs	0.00	105.49	0.00	11.72	11,950.14	4.62	8.20	1.88	0.00	0.00	0.00	0 - 00:00 hrs
1078	☐	SWMH-O5-004	12.90	57.85	Surcharged	0.00	0 - 09:55 hrs	0.00	105.50	0.00	11.61	6,080.50	3.42	7.90	0.00	0.00	0.00	0.23	0 - 09:55 hrs

EXISTING CONDITIONS 5-YR 24-HR JUNCTIONS

		ID	Maximum Depth (ft)	Maximum HGL (ft)	Maximum HGL Head Class	Freeboard (ft)	Max.Depth Day-Time (day-time)	Maximum Lateral Inflow (cfs)	Maximum Total Inflow (cfs)	Lateral Inflow Volume (MG)	Total Inflow Volume (MG)	Flow Volume Difference (MG)	Total Surcharge Time (hrs)	Max.Surchar ge Height Above Crown	Min.Surchar ge Depth Below Rim (ft)	Total Flood Volume (MG)	Total Flood Time (hrs)	Maximum Flood Rate (cfs)	Max.Flood Day-Time (day-time)
1079	☐	SWMH-O5-005	12.05	57.68	w Maximum	0.00	0 - 09:55 hrs	0.00	105.46	0.00	11.53	3,332.93	2.66	6.90	0.00	0.00	0.00	0.29	0 - 09:55 hrs
1080	☐	SWMH-O5-006	11.50	57.68	Surcharged	0.00	0 - 09:52 hrs	55.41	149.57	3.16	11.78	2,728.72	2.49	6.42	0.00	0.30	0.37	53.70	0 - 10:03 hrs
1081	☐	SWMH-O5-007	11.23	58.29	w Maximum	1.21	0 - 09:52 hrs	0.00	94.17	0.00	8.58	1,754.83	2.21	6.23	1.21	0.00	0.00	0.00	0 - 00:00 hrs
1082	☐	SWMH-O5-009	5.50	57.63	w Maximum	0.00	0 - 09:56 hrs	0.00	14.18	0.00	0.82	440.86	1.60	3.10	0.00	0.04	0.56	12.74	0 - 09:56 hrs
1083	☐	SWMH-O5-010	8.35	59.77	w Maximum	0.05	0 - 09:56 hrs	13.51	14.22	0.57	1.45	0.00	2.46	4.79	0.05	0.00	0.00	0.00	0 - 00:00 hrs
1084	☐	SWMH-O5-013	4.90	58.05	w Maximum	0.00	0 - 09:56 hrs	19.12	19.12	0.93	0.93	0.00	1.72	3.15	0.00	0.11	0.67	13.24	0 - 10:03 hrs
1085	☐	SWMH-O5-014	6.20	59.46	Surcharged	0.00	0 - 09:56 hrs	0.00	11.31	0.00	1.49	71.69	2.51	4.55	0.00	0.02	0.23	5.24	0 - 09:59 hrs
1086	☐	SWMH-O5-015	5.90	59.78	w Maximum	0.00	0 - 09:42 hrs	14.57	14.57	0.62	0.62	0.00	6.94	4.90	0.00	0.14	1.02	13.63	0 - 09:59 hrs
1087	☐	SWMH-O5-019	5.90	59.96	Surcharged	0.00	0 - 09:48 hrs	26.02	26.02	1.23	1.23	0.00	2.76	4.38	0.00	0.22	0.90	22.57	0 - 10:03 hrs
1088	☐	SWMH-O5-021	9.80	55.90	Surcharged	0.00	0 - 09:53 hrs	0.00	17.36	0.00	1.44	1,032.82	47.56	7.60	0.00	0.00	0.19	1.01	0 - 10:03 hrs
1089	☐	SWMH-O5-022	9.80	57.12	Surcharged	0.00	0 - 09:56 hrs	0.00	17.35	0.00	1.43	446.96	4.85	7.78	0.00	0.00	0.00	0.01	0 - 10:00 hrs
1090	☐	SWMH-O5-023	9.42	57.56	w Maximum	0.00	0 - 09:53 hrs	29.12	29.12	1.53	1.53	50.26	3.13	7.34	0.00	0.11	0.44	15.96	0 - 10:03 hrs
1091	☐	SWMH-O5-024	5.82	58.53	w Maximum	0.00	0 - 09:52 hrs	0.00	4.75	0.00	0.00	0.00	1.20	3.82	0.00	0.00	0.00	3.52	0 - 09:52 hrs
1092	☐	SWMH-O6-005	11.20	62.91	w Maximum	0.00	0 - 09:56 hrs	50.47	50.47	2.76	2.76	0.00	0.93	8.45	0.00	0.03	0.21	10.58	0 - 10:03 hrs
1093	☐	SWMH-O6-006	10.70	58.40	w Maximum	0.25	0 - 00:04 hrs	0.00	59.23	0.00	9.05	7,429.21	47.85	7.15	0.25	0.00	0.00	0.00	0 - 00:00 hrs
1094	☐	SWMH-O6-007	11.45	59.54	w Maximum	0.03	0 - 00:04 hrs	0.00	55.42	0.00	9.00	3,797.52	47.78	7.77	0.03	0.00	0.00	0.00	0 - 00:00 hrs
1095	☐	SWMH-O6-008	10.50	59.03	w Maximum	0.00	0 - 00:06 hrs	67.10	79.43	3.80	9.12	5,062.97	47.74	7.00	0.00	0.14	0.40	25.50	0 - 10:03 hrs
1096	☐	SWMH-O6-009	12.10	61.97	Surcharged	0.00	0 - 00:09 hrs	0.00	22.25	0.00	5.26	2,576.88	47.67	9.00	0.00	0.00	0.00	11.28	0 - 00:09 hrs
1097	☐	SWMH-O7-001	5.05	56.03	low Link Cro	8.15	0 - 10:07 hrs	14.04	114.82	0.63	9.49	6,013.69	0.00	0.00	0.00	0.00	0.00	0.00	0 - 00:00 hrs
1098	☐	SWMH-O7-002	15.40	64.27	w Maximum	0.00	0 - 00:01 hrs	0.00	148.73	0.00	10.22	6,813.05	47.91	10.40	0.00	0.00	0.00	73.20	0 - 00:01 hrs
1099	☐	SWMH-O7-004	9.75	59.62	Surcharged	0.00	0 - 00:00 hrs	0.00	89.28	0.00	0.50	2,029.30	47.97	6.82	0.00	0.00	0.00	84.90	0 - 00:00 hrs
1100	☐	SWMH-O7-005	9.00	64.11	w Maximum	0.00	0 - 09:52 hrs	15.87	15.87	0.72	0.72	0.00	2.06	7.75	0.00	0.05	0.45	8.51	0 - 09:59 hrs
1101	☐	SWMH-O7-006	2.70	55.43	w Maximum	8.62	0 - 10:07 hrs	0.00	12.85	0.00	0.68	212.47	1.53	0.95	8.62	0.00	0.00	0.00	0 - 00:00 hrs
1102	☐	SWMH-O8-001	2.40	61.32	low Link Cro	8.68	0 - 10:15 hrs	0.00	45.20	0.00	5.14	1,224.84	0.00	0.00	0.00	0.00	0.00	0.00	0 - 00:00 hrs
1103	☐	SWMH-O8-002	3.66	56.32	low Link Cro	7.54	0 - 10:07 hrs	0.00	60.28	0.00	3.59	934.25	0.00	0.00	0.00	0.00	0.00	0.00	0 - 00:00 hrs
1104	☐	SWMH-O8-003	4.34	56.18	low Link Cro	8.96	0 - 10:08 hrs	0.00	59.33	0.00	3.66	4,229.08	0.00	0.00	0.00	0.00	0.00	0.00	0 - 00:00 hrs
1105	☐	SWMH-O8-004	3.15	56.48	low Link Cro	9.45	0 - 10:08 hrs	0.00	61.68	0.00	3.56	574.61	0.00	0.00	0.00	0.00	0.00	0.00	0 - 00:00 hrs
1106	☐	SWMH-O8-005	2.69	56.70	low Link Cro	8.51	0 - 10:07 hrs	0.00	62.82	0.00	3.54	298.84	0.00	0.00	0.00	0.00	0.00	0.00	0 - 00:00 hrs
1107	☐	SWMH-O8-006	2.44	57.27	low Link Cro	10.34	0 - 10:04 hrs	0.00	63.02	0.00	3.54	-33.64	0.00	0.00	0.00	0.00	0.00	0.00	0 - 00:00 hrs
1108	☐	SWMH-O8-007	2.21	58.03	low Link Cro	12.09	0 - 10:04 hrs	31.17	63.36	1.60	3.54	312.04	0.00	0.00	0.00	0.00	0.00	0.00	0 - 00:00 hrs
1109	☐	SWMH-O8-009	1.18	63.73	low Link Cro	10.27	0 - 10:06 hrs	0.00	33.16	0.00	1.94	202.26	0.00	0.00	0.00	0.00	0.00	0.00	0 - 00:00 hrs
1110	☐	SWMH-O8-010	8.15	77.30	Surcharged	0.00	0 - 09:51 hrs	53.52	53.52	3.21	3.21	0.00	2.27	6.15	0.00	0.32	0.88	33.51	0 - 10:03 hrs
1111	☐	SWMH-O8-011	0.88	57.52	low Link Cro	6.30	0 - 09:59 hrs	3.65	3.65	0.13	0.13	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0 - 00:00 hrs
1112	☐	SWMH-O8-012	1.20	58.49	low Link Cro	5.80	0 - 10:04 hrs	0.00	7.46	0.00	0.33	76.26	0.00	0.00	0.00	0.00	0.00	0.00	0 - 00:00 hrs
1113	☐	SWMH-O8-013	1.42	56.52	low Link Cro	7.98	0 - 10:04 hrs	0.00	10.48	0.00	0.46	-241.63	0.00	0.00	0.00	0.00	0.00	0.00	0 - 00:00 hrs
1114	☐	SWMH-O8-014	1.04	59.04	low Link Cro	5.86	0 - 10:04 hrs	6.35	7.77	0.26	0.33	58.83	0.00	0.00	0.00	0.00	0.00	0.00	0 - 00:00 hrs
1115	☐	SWMH-O8-015	0.96	57.30	low Link Cro	7.69	0 - 10:06 hrs	0.00	7.36	0.00	0.33	4.73	0.00	0.00	0.00	0.00	0.00	0.00	0 - 00:00 hrs
1116	☐	SWMH-O8-016	0.53	59.49	low Link Cro	5.27	0 - 10:04 hrs	0.00	1.66	0.00	0.06	-24.93	0.00	0.00	0.00	0.00	0.00	0.00	0 - 00:00 hrs
1117	☐	SWMH-O8-017	0.59	59.67	low Link Cro	5.81	0 - 09:59 hrs	0.00	1.67	0.00	0.06	1.71	0.00	0.00	0.00	0.00	0.00	0.00	0 - 00:00 hrs
1118	☐	SWMH-O8-018	0.50	60.21	low Link Cro	6.35	0 - 09:59 hrs	1.74	1.74	0.06	0.06	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0 - 00:00 hrs
1119	☐	SWMH-O8-019	4.08	56.22	low Link Cro	6.54	0 - 00:02 hrs	0.00	31.72	0.00	0.48	769.52	0.00	0.00	0.00	0.00	0.00	0.00	0 - 00:00 hrs
1120	☐	SWMH-P3-001	15.20	50.90	Surcharged	-5.00	0 - 09:55 hrs	14.02	82.86	0.66	13.88	377.54	5.09	9.55	0.00	0.00	0.00	20.91	0 - 09:55 hrs
1121	☐	SWMH-P3-004	10.84	51.33	w Maximum	0.00	0 - 09:57 hrs	21.13	85.19	1.04	8.81	-3,917.77	3.38	6.34	0.00	0.00	0.00	29.39	0 - 09:57 hrs
1122	☐	SWMH-P4-002	12.10	54.29	w Maximum	0.00	0 - 09:57 hrs	11.93	88.91	0.51	7.78	1,798.87	3.01	7.60	0.00	0.00	0.01	45.19	0 - 09:57 hrs
1123	☐	SWMH-P4-003	11.74	54.45	w Maximum	2.27	0 - 09:56 hrs	0.00	78.33	0.00	7.29	2,256.62	3.19	7.74	2.27	0.00	0.00	0.00	0 - 00:00 hrs
1124	☐	SWMH-P4-007	14.33	59.00	w Maximum	0.00	0 - 09:56 hrs	11.79	34.00	0.51	2.87	805.95	3.49	11.83	0.00	0.00	0.00	0.30	0 - 09:57 hrs
1125	☐	SWMH-P4-009	8.05	57.45	w Maximum	0.00	0 - 09:55 hrs	13.89	29.07	0.64	1.97	-148.89	2.11	5.20	0.00	0.15	0.42	25.95	0 - 09:59 hrs
1126	☐	SWMH-P5-001	12.80	60.89	Surcharged	0.00	0 - 09:52 hrs	39.50	94.16	2.02	8.55	776.15	2.11	8.30	0.00	0.00	0.00	3.56	0 - 09:52 hrs
1127	☐	SWMH-P5-002	13.49	64.00	w Maximum	0.00	0 - 09:53 hrs	0.00	55.53	0.00	6.51	-211.66	1.55	8.99	0.00	0.00	0.00	25.05	0 - 09:53 hrs

EXISTING CONDITIONS 5-YR 24-HR JUNCTIONS

		ID	Maximum Depth (ft)	Maximum HGL (ft)	Maximum HGL Head Class	Freeboard (ft)	Max.Depth Day-Time (day-time)	Maximum Lateral Inflow (cfs)	Maximum Total Inflow (cfs)	Lateral Inflow Volume (MG)	Total Inflow Volume (MG)	Flow Volume Difference (MG)	Total Surcharge Time (hrs)	Max.Surchar ge Height Above Crown	Min.Surchar ge Depth Below Rim (ft)	Total Flood Volume (MG)	Total Flood Time (hrs)	Maximum Flood Rate (cfs)	Max.Flood Day-Time (day-time)
1128	☐	SWMH-P5-003	8.78	60.00	w Maximum	0.00	0 - 09:55 hrs	36.79	61.29	2.00	6.55	1,399.17	1.40	4.28	0.00	0.02	0.15	42.06	0 - 09:55 hrs
1129	☐	SWMH-P5-005	8.85	61.25	w Maximum	0.00	0 - 09:55 hrs	38.62	41.14	2.10	4.65	636.10	1.82	5.85	0.00	0.00	0.01	14.30	0 - 09:55 hrs
1130	☐	SWMH-P5-006	4.71	59.82	w Maximum	0.00	0 - 09:55 hrs	52.40	68.90	3.07	3.17	0.00	1.49	1.71	0.00	0.64	0.64	68.90	0 - 10:03 hrs
1131	☐	SWMH-P5-008	13.95	59.54	w Maximum	0.00	0 - 09:52 hrs	12.42	12.42	0.54	0.54	0.00	3.30	11.70	0.00	0.00	0.01	9.39	0 - 09:52 hrs
1132	☐	SWMH-P5-014	7.00	58.01	w Maximum	0.00	0 - 09:55 hrs	12.50	16.02	0.55	0.55	0.00	1.77	4.69	0.00	0.00	0.01	15.45	0 - 09:55 hrs
1133	☐	SWMH-P6-001	15.39	68.87	Surcharged	0.00	0 - 09:55 hrs	0.00	29.67	0.00	2.63	-2,459.03	1.67	12.39	0.00	0.00	0.00	25.36	0 - 09:55 hrs
1134	☐	SWMH-P6-002	8.65	59.65	w Maximum	4.85	0 - 10:17 hrs	0.00	22.25	0.00	5.25	2,405.20	4.05	4.79	4.85	0.00	0.00	0.00	0 - 00:00 hrs
1135	☐	SWMH-P6-003	8.02	59.73	w Maximum	5.88	0 - 09:55 hrs	0.00	12.92	0.00	1.76	1,545.87	7.48	5.52	5.88	0.00	0.00	0.00	0 - 00:00 hrs
1136	☐	SWMH-P6-004	7.20	59.61	Surcharged	0.00	0 - 09:42 hrs	0.00	33.20	0.00	2.12	844.99	3.64	4.20	0.00	0.38	0.93	28.28	0 - 10:07 hrs
1137	☐	SWMH-P6-005	5.07	69.58	w Maximum	3.33	0 - 09:59 hrs	0.00	35.51	0.00	2.11	346.89	0.37	2.57	3.33	0.00	0.00	0.00	0 - 00:00 hrs
1138	☐	SWMH-P6-006	8.72	60.14	w Maximum	2.74	0 - 09:57 hrs	16.38	24.33	0.78	2.56	4,846.70	47.29	5.72	2.74	0.00	0.00	0.00	0 - 00:00 hrs
1139	☐	SWMH-P6-008	8.63	58.18	w Maximum	6.02	0 - 09:55 hrs	25.06	88.31	1.16	6.82	15,098.36	47.34	3.63	6.02	0.00	0.00	0.00	0 - 00:00 hrs
1140	☐	SWMH-P6-010	8.63	60.48	Surcharged	0.00	0 - 09:48 hrs	55.36	55.36	2.95	4.33	0.00	44.57	6.85	0.00	0.41	0.91	40.09	0 - 10:03 hrs
1141	☐	SWMH-P7-001	11.53	59.07	w Maximum	0.00	0 - 00:02 hrs	0.00	169.25	0.00	7.07	9,328.35	47.91	6.53	0.00	0.00	0.00	53.09	0 - 00:02 hrs
1142	☐	SWMH-P7-002	15.20	62.94	w Maximum	0.00	0 - 00:02 hrs	0.00	179.01	0.00	7.00	5,221.70	47.86	10.20	0.00	0.00	0.00	101.62	0 - 00:02 hrs
1143	☐	SWMH-P7-003	8.60	56.90	w Maximum	0.00	0 - 00:02 hrs	0.00	31.08	0.00	1.84	411.15	47.92	6.10	0.00	0.00	0.01	11.09	0 - 00:02 hrs
1144	☐	SWMH-P7-004	8.00	57.26	w Maximum	0.00	0 - 00:03 hrs	0.00	21.02	0.00	1.83	919.65	47.89	6.00	0.00	0.00	0.00	16.53	0 - 00:03 hrs
1145	☐	SWMH-P7-005	7.40	57.47	w Maximum	0.00	0 - 00:04 hrs	0.00	13.48	0.00	1.82	1,040.57	47.84	5.40	0.00	0.00	0.00	4.42	0 - 00:04 hrs
1146	☐	SWMH-P7-006	6.10	56.33	Surcharged	0.00	0 - 00:08 hrs	0.00	11.69	0.00	1.82	2,452.26	47.72	4.10	0.00	0.00	0.56	10.19	0 - 00:08 hrs
1147	☐	SWMH-Q6-002	7.27	59.89	w Maximum	1.53	0 - 09:59 hrs	0.00	17.66	0.00	1.73	2,632.80	3.49	4.52	1.53	0.00	0.00	0.00	0 - 00:00 hrs
1148	☐	SWMH-Q6-003	6.80	59.73	w Maximum	0.00	0 - 09:48 hrs	0.00	19.31	0.00	1.80	895.79	3.46	4.30	0.00	0.11	0.54	14.34	0 - 09:59 hrs
1149	☐	SWMH-Q6-004	7.48	62.14	w Maximum	0.00	0 - 09:48 hrs	0.00	19.30	0.00	1.77	88.39	1.70	4.98	0.00	0.00	0.00	0.10	0 - 09:48 hrs
1150	☐	SWMH-Q6-005	8.78	64.58	Surcharged	0.00	0 - 09:48 hrs	0.00	23.24	0.00	1.81	75.01	1.87	6.78	0.00	0.04	0.45	4.02	0 - 10:11 hrs
1151	☐	SWMH-Q6-006	9.10	65.48	Surcharged	0.00	0 - 09:48 hrs	37.26	37.26	1.88	1.88	0.00	1.75	7.10	0.00	0.07	0.34	14.01	0 - 10:03 hrs
1152	☐	SWMH-Q6-007	5.95	59.21	w Maximum	0.00	0 - 09:48 hrs	0.00	10.79	0.00	1.03	402.53	2.68	3.56	0.00	0.02	0.27	4.58	0 - 09:59 hrs
1153	☐	SWMH-Q6-008	8.74	59.18	w Maximum	5.56	0 - 09:57 hrs	19.57	59.32	0.95	5.55	16,631.73	5.21	4.24	5.56	0.00	0.00	0.00	0 - 00:00 hrs
1154	☐	SWMH-Q6-010	8.00	59.67	w Maximum	0.00	0 - 09:57 hrs	0.00	19.24	0.00	1.90	5,211.21	30.74	4.90	0.00	0.00	0.00	0.01	0 - 09:59 hrs
1155	☐	SWMH-Q6-011	9.83	63.46	w Maximum	0.70	0 - 09:59 hrs	16.88	16.88	0.81	0.82	0.00	2.30	7.83	0.70	0.00	0.00	0.00	0 - 00:00 hrs
1156	☐	SWMH-Q7-001	14.66	60.30	w Maximum	0.00	0 - 00:01 hrs	0.00	321.23	0.00	7.82	11,675.61	47.97	8.66	0.00	0.02	0.00	227.70	0 - 00:01 hrs
1157	☐	SWMH-Q7-002	11.95	64.99	w Maximum	0.00	0 - 00:04 hrs	0.00	63.59	0.00	2.08	5,722.95	47.86	7.95	0.00	0.00	0.00	6.54	0 - 00:04 hrs
1158	☐	SWMH-Q7-003	12.25	65.40	Surcharged	0.00	0 - 00:04 hrs	0.00	71.39	0.00	2.12	0.00	47.85	8.25	0.00	0.00	0.00	41.23	0 - 00:04 hrs
1159	☐	SWMH-R7-001	4.00	61.11	Surcharged	0.00	0 - 09:41 hrs	40.75	40.75	2.20	2.20	0.00	2.60	2.00	0.00	0.25	0.86	26.81	0 - 10:03 hrs
1160	☐	SWMH-R7-002	3.90	60.84	w Maximum	0.00	0 - 09:41 hrs	0.00	14.02	0.00	1.95	69.93	2.62	1.90	0.00	0.00	0.18	0.19	0 - 09:41 hrs
1161	☐	SWMH-R7-003	4.04	60.51	w Maximum	0.66	0 - 09:41 hrs	0.00	13.99	0.00	1.96	332.23	2.80	2.04	0.66	0.00	0.00	0.00	0 - 00:00 hrs
1162	☐	SWMH-R7-004	3.92	60.01	w Maximum	0.78	0 - 09:41 hrs	0.00	14.02	0.00	1.97	362.36	3.57	1.92	0.78	0.00	0.00	0.00	0 - 00:00 hrs
1163	☐	SWMH-R7-006?	3.36	58.98	w Maximum	2.19	0 - 09:41 hrs	0.00	14.00	0.00	1.98	870.37	7.16	1.31	2.19	0.00	0.00	0.00	0 - 00:00 hrs
1164	☐	SWMH-R7-007	3.34	58.08	Flow Link Cross	4.28	0 - 09:48 hrs	0.00	16.87	0.00	1.99	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0 - 00:00 hrs
1165	☐	SWMH-R7-008	4.79	59.54	w Maximum	2.71	0 - 00:06 hrs	0.00	34.77	0.00	2.01	1,802.26	1.99	1.79	2.71	0.00	0.00	0.00	0 - 00:00 hrs
1166	☐	WESTRIDGE_OTL_1	4.49	44.99	Surcharged	-3.49	0 - 10:07 hrs	0.00	10.04	0.00	4.77	139.01	36.63	2.99	0.00	0.00	0.00	0.00	0 - 00:00 hrs
1167	☐	WESTRIDGE_OTL_2	0.57	43.44	Flow Link Cross	1.18	0 - 11:04 hrs	0.00	9.05	0.00	0.55	-56.28	0.00	0.00	0.00	0.00	0.00	0.00	0 - 00:00 hrs
1168	☐	WG-PT-2109	5.58	44.18	Surcharged	0.00	0 - 09:49 hrs	0.00	16.59	0.00	2.33	403.89	5.20	3.58	0.00	0.00	0.00	0.12	0 - 09:49 hrs
1169	☐	WG-PT-2126	6.15	54.98	Surcharged	0.00	0 - 09:56 hrs	0.00	38.14	0.00	3.17	0.00	1.90	3.10	0.00	0.04	0.26	10.98	0 - 09:56 hrs
1170	☐	WG-PT-2130	6.80	44.08	Surcharged	0.00	0 - 09:56 hrs	0.00	3.84	0.00	0.00	0.00	7.42	5.05	0.00	0.00	0.01	3.77	0 - 09:56 hrs
1171	☐	WG-PT-2135	6.85	43.95	w Maximum	0.00	0 - 09:56 hrs	1.70	30.52	0.06	1.68	0.00	4.19	4.10	0.00	0.00	0.01	25.46	0 - 09:56 hrs
1172	☐	WG-PT-2149	13.95	57.93	Surcharged	0.00	0 - 09:56 hrs	0.00	33.99	0.00	2.86	357.89	3.70	11.30	0.00	0.00	0.00	0.14	0 - 09:57 hrs
1173	☐	WG-PT-2174	7.05	49.18	Surcharged	0.00	0 - 10:00 hrs	0.00	36.64	0.00	0.73	-326.52	1.51	4.30	0.00	0.00	0.00	1.77	0 - 10:00 hrs
1174	☐	WG-PT-2176	7.88	49.29	Surcharged	0.00	0 - 10:00 hrs	0.00	40.11	0.00	1.15	90.41	1.86	4.95	0.00	0.00	0.01	28.51	0 - 10:00 hrs
1175	☐	WG-PT-2179	7.05	49.48	Surcharged	0.00	0 - 09:56 hrs	0.00	4.66	0.00	0.22	-117.27	3.86	5.30	0.00	0.00	0.00	3.30	0 - 09:56 hrs
1176	☐	WG-PT-2187	8.14	50.70	Surcharged	0.00	0 - 09:57 hrs	0.00	63.69	0.00	5.91	333.75	1.73	4.64	0.00	0.00	0.00	2.98	0 - 09:57 hrs

EXISTING CONDITIONS 5-YR 24-HR JUNCTIONS

		ID	Maximum Depth (ft)	Maximum HGL (ft)	Maximum HGL Head Class	Freeboard (ft)	Max.Depth Day-Time (day-time)	Maximum Lateral Inflow (cfs)	Maximum Total Inflow (cfs)	Lateral Inflow Volume (MG)	Total Inflow Volume (MG)	Flow Volume Difference (MG)	Total Surcharge Time (hrs)	Max.Surchar ge Height Above Ground	Min.Surchar ge Depth Below Rim (ft)	Total Flood Volume (MG)	Total Flood Time (hrs)	Maximum Flood Rate (cfs)	Max.Flood Day-Time (day-time)
1177	☐	WG-PT-2197	5.10	46.16	w Maximum	0.00	0 - 09:41 hrs	12.83	12.83	0.58	0.58	0.00	2.74	3.05	0.00	0.06	0.37	10.89	0 - 09:59 hrs
1178	☐	WG-PT-2198	5.45	46.20	w Maximum	0.00	0 - 09:52 hrs	0.00	7.08	0.00	0.52	57.09	3.45	3.45	0.00	0.00	0.05	0.04	0 - 09:57 hrs
1179	☐	WG-PT-2232	7.48	52.36	w Maximum	0.02	0 - 10:02 hrs	0.00	11.64	0.00	0.88	0.00	3.74	5.36	0.02	0.00	0.00	0.00	0 - 00:00 hrs
1180	☐	WG-PT-2234	7.59	50.53	w Maximum	0.62	0 - 10:02 hrs	0.00	25.71	0.00	4.75	413.56	4.36	5.09	0.62	0.00	0.00	0.00	0 - 00:00 hrs
1181	☐	WG-PT-2235	5.59	49.88	w Maximum	0.82	0 - 10:03 hrs	0.00	14.00	0.00	2.60	416.82	6.33	3.59	0.82	0.00	0.00	0.00	0 - 00:00 hrs
1182	☐	WG-PT-2236	5.11	49.48	w Maximum	0.00	0 - 09:23 hrs	0.00	27.78	0.00	3.06	142.45	6.41	3.11	0.00	0.60	1.86	27.77	0 - 09:59 hrs
1183	☐	WG-PT-2238	6.22	51.22	w Maximum	0.00	0 - 09:55 hrs	0.00	16.15	0.00	2.93	144.55	6.14	4.22	0.00	0.00	0.01	0.03	0 - 09:55 hrs
1184	☐	WG-PT-2269	6.30	52.87	w Maximum	3.70	0 - 09:51 hrs	0.00	17.38	0.00	1.79	45.49	1.43	3.54	3.70	0.00	0.00	0.00	0 - 00:00 hrs
1185	☐	WG-PT-2318	5.90	45.23	Surcharged	0.00	0 - 00:03 hrs	0.00	20.06	0.00	1.77	-3.53	47.88	3.10	0.00	0.00	0.02	15.09	0 - 00:03 hrs
1186	☐	WG-PT-2330	5.80	43.27	w Maximum	0.00	0 - 02:53 hrs	28.04	28.04	1.20	1.20	0.00	42.26	3.70	0.00	1.18	21.11	28.03	0 - 09:59 hrs
1187	☐	WG-PT-2425	6.39	76.83	w Maximum	0.90	0 - 09:55 hrs	0.00	34.93	0.00	3.28	55.67	1.76	3.69	0.90	0.00	0.00	0.00	0 - 00:00 hrs
1188	☐	WG-PT-2426	6.01	76.34	w Maximum	1.19	0 - 09:55 hrs	0.00	34.93	0.00	3.28	85.26	1.86	3.51	1.19	0.00	0.00	0.00	0 - 00:00 hrs
1189	☐	WG-PT-2434	5.95	69.50	Surcharged	0.00	0 - 09:56 hrs	0.00	44.98	0.00	4.52	300.64	1.06	3.30	0.00	0.00	0.16	5.85	0 - 09:56 hrs
1190	☐	WG-PT-2438	5.50	76.72	w Maximum	0.00	0 - 09:56 hrs	0.00	37.78	0.00	3.84	42.21	1.11	3.00	0.00	0.00	0.00	6.02	0 - 09:56 hrs
1191	☐	WG-PT-2465	6.14	51.72	w Maximum	0.00	0 - 09:23 hrs	0.00	3.61	0.00	0.37	0.00	6.16	4.64	0.00	0.00	0.04	0.07	0 - 09:23 hrs
1192	☐	WG-PT-2469	5.85	51.93	w Maximum	0.00	0 - 09:51 hrs	0.00	9.85	0.00	0.97	7.33	1.77	3.75	0.00	0.00	0.00	4.51	0 - 09:51 hrs
1193	☐	WG-PT-2474	6.25	50.01	w Maximum	0.00	0 - 00:06 hrs	0.00	10.31	0.00	1.29	358.27	47.80	4.25	0.00	0.00	0.31	0.27	0 - 00:06 hrs
1194	☐	WG-PT-2475	6.30	49.95	Surcharged	0.00	0 - 00:06 hrs	0.00	11.11	0.00	1.29	333.61	47.79	4.30	0.00	0.02	0.59	6.72	0 - 00:06 hrs
1195	☐	WG-PT-2476	7.15	50.12	w Maximum	0.00	0 - 00:06 hrs	0.00	15.34	0.00	1.28	793.67	47.85	5.15	0.00	0.00	0.00	0.04	0 - 00:06 hrs
1196	☐	WG-PT-2477	7.06	50.01	w Maximum	0.00	0 - 00:06 hrs	0.00	13.45	0.00	1.28	264.53	47.85	5.06	0.00	0.00	0.01	0.09	0 - 00:06 hrs
1197	☐	WG-PT-2478	7.39	49.93	Surcharged	0.00	0 - 00:02 hrs	0.00	15.01	0.00	1.28	462.75	47.90	5.39	0.00	0.00	0.02	4.61	0 - 00:02 hrs
1198	☐	WG-PT-2480	7.85	49.96	w Maximum	0.00	0 - 10:03 hrs	0.00	17.77	0.00	1.29	250.03	47.93	5.85	0.00	0.00	0.00	0.00	0 - 10:03 hrs
1199	☐	WG-PT-2481	8.64	49.72	Surcharged	0.00	0 - 09:53 hrs	0.00	21.22	0.00	1.29	578.44	47.95	6.09	0.00	0.02	0.24	5.50	0 - 10:03 hrs
1200	☐	WG-PT-2484	8.70	49.93	w Maximum	0.16	0 - 09:56 hrs	0.00	22.78	0.00	1.28	378.79	47.97	6.70	0.16	0.00	0.00	0.00	0 - 00:00 hrs
1201	☐	WG-PT-2485	9.54	50.24	Surcharged	0.00	0 - 00:00 hrs	0.00	32.24	0.00	1.28	594.00	47.98	7.54	0.00	0.00	0.00	20.90	0 - 00:00 hrs
1202	☐	WG-PT-2514	8.59	45.54	w Maximum	2.66	0 - 09:57 hrs	0.00	54.96	0.00	5.35	3,254.71	47.85	5.08	2.66	0.00	0.00	0.00	0 - 00:00 hrs
1203	☐	WG-PT-2523	6.02	44.64	w Maximum	2.48	0 - 10:02 hrs	0.00	35.73	0.00	5.94	514.11	5.52	3.32	2.48	0.00	0.00	0.00	0 - 00:00 hrs
1204	☐	WG-PT-2543	9.85	44.76	w Maximum	0.00	0 - 00:00 hrs	0.00	325.76	0.00	2.49	4,950.79	47.98	4.85	0.00	0.03	0.01	260.01	0 - 00:00 hrs
1205	☐	WG-PT-2574	5.50	83.55	Surcharged	0.00	0 - 09:52 hrs	0.00	19.60	0.00	1.80	4.42	1.34	3.13	0.00	0.00	0.00	8.85	0 - 09:52 hrs
1206	☐	WG-PT-2596	7.10	46.32	w Maximum	0.40	0 - 09:57 hrs	0.00	35.74	0.00	5.93	251.10	3.71	3.86	0.40	0.00	0.00	0.00	0 - 00:00 hrs
1207	☐	WG-PT-2597	6.87	46.12	w Maximum	0.13	0 - 09:59 hrs	0.00	35.73	0.00	5.93	0.00	5.62	4.36	0.13	0.00	0.00	0.00	0 - 00:00 hrs
1208	☐	WG-PT-2599	7.14	46.59	w Maximum	0.26	0 - 10:03 hrs	0.00	21.96	0.00	4.69	194.38	5.27	4.43	0.26	0.00	0.00	0.00	0 - 00:00 hrs
1209	☐	WG-PT-2600	7.09	46.95	w Maximum	0.36	0 - 09:59 hrs	0.00	21.91	0.00	4.69	155.23	5.49	4.59	0.36	0.00	0.00	0.00	0 - 00:00 hrs
1210	☐	WG-PT-2602	7.06	47.41	w Maximum	0.49	0 - 09:55 hrs	0.00	21.73	0.00	4.69	52.46	4.84	4.42	0.49	0.00	0.00	0.00	0 - 00:00 hrs
1211	☐	WG-PT-2606	6.41	48.15	w Maximum	0.68	0 - 09:59 hrs	0.00	22.42	0.00	4.69	121.03	3.93	3.91	0.68	0.00	0.00	0.00	0 - 00:00 hrs
1212	☐	WG-PT-2607	6.48	48.18	w Maximum	0.62	0 - 09:55 hrs	0.00	21.39	0.00	4.69	141.98	3.94	3.97	0.62	0.00	0.00	0.00	0 - 00:00 hrs
1213	☐	WG-PT-2610	4.17	44.44	Flow Link Cross	8.83	0 - 10:04 hrs	0.00	34.99	0.00	1.51	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0 - 00:00 hrs
1214	☐	WG-PT-2612	5.99	85.95	w Maximum	0.56	0 - 09:56 hrs	0.00	24.79	0.00	1.86	-15.23	1.07	3.34	0.56	0.00	0.00	0.00	0 - 00:00 hrs
1215	☐	WG-PT-2629	4.00	52.21	Surcharged	0.00	0 - 09:52 hrs	0.00	12.24	0.00	1.06	204.81	1.20	1.75	0.00	0.00	0.00	4.81	0 - 09:52 hrs
1216	☐	WG-PT-2632	7.15	45.53	Surcharged	0.00	0 - 00:02 hrs	0.00	37.21	0.00	1.79	2,035.15	47.90	4.40	0.00	0.00	0.01	14.68	0 - 00:02 hrs
1217	☐	WG-PT-2646	4.70	44.83	w Maximum	0.50	0 - 00:09 hrs	0.00	11.84	0.00	2.04	758.84	47.68	2.70	0.50	0.00	0.00	0.00	0 - 00:00 hrs
1218	☐	WG-PT-2670	7.62	38.16	w Maximum	0.00	0 - 11:19 hrs	0.00	16.31	0.00	1.73	4,848.40	30.51	4.87	0.00	0.00	1.17	0.06	0 - 12:32 hrs
1219	☐	WG-PT-2723	7.20	76.29	w Maximum	0.00	0 - 09:56 hrs	0.00	14.14	0.00	0.75	43.61	0.97	4.85	0.00	0.00	0.00	7.60	0 - 09:56 hrs
1220	☐	WG-PT-2724	7.90	77.64	Surcharged	0.00	0 - 09:57 hrs	0.00	14.14	0.00	0.75	-145.52	0.89	5.35	0.00	0.00	0.00	10.33	0 - 09:57 hrs
1221	☐	WG-PT-2726	7.00	73.49	w Maximum	0.00	0 - 10:00 hrs	0.00	7.91	0.00	0.00	0.00	0.64	5.50	0.00	0.00	0.00	7.61	0 - 10:00 hrs
1222	☐	WG-PT-2731	12.46	82.81	w Maximum	0.74	0 - 09:57 hrs	0.00	44.82	0.00	3.65	-274.77	1.55	9.46	0.74	0.00	0.00	0.00	0 - 00:00 hrs
1223	☐	WG-PT-2836	9.83	86.64	w Maximum	0.27	0 - 10:00 hrs	0.00	97.76	0.00	21.49	177.25	2.56	5.33	0.27	0.00	0.00	0.00	0 - 00:00 hrs
1224	☐	WG-PT-2846	8.40	44.11	w Maximum	11.90	0 - 10:07 hrs	0.00	230.49	0.00	18.18	2,280.36	0.12	1.90	11.90	0.00	0.00	0.00	0 - 00:00 hrs
1225	☐	WG-PT-2853	1.85	106.36	Flow Link Cross	5.91	0 - 10:04 hrs	0.00	28.49	0.00	1.37	36.09	0.00	0.00	0.00	0.00	0.00	0.00	0 - 00:00 hrs

EXISTING CONDITIONS 5-YR 24-HR JUNCTIONS

		ID	Maximum Depth (ft)	Maximum HGL (ft)	Maximum HGL Head Class	Freeboard (ft)	Max.Depth Day-Time (day-time)	Maximum Lateral Inflow (cfs)	Maximum Total Inflow (cfs)	Lateral Inflow Volume (MG)	Total Inflow Volume (MG)	Flow Volume Difference (MG)	Total Surcharge Time (hrs)	Max.Surchar ge Height Above Ground	Min.Surchar ge Depth Below Rim (ft)	Total Flood Volume (MG)	Total Flood Time (hrs)	Maximum Flood Rate (cfs)	Max.Flood Day-Time (day-time)
1226	☐	WG-PT-2856	1.23	108.52	low Link Cro	6.05	0 - 10:19 hrs	0.00	88.56	0.00	16.58	156.44	0.00	0.00	0.00	0.00	0.00	0.00	0 - 00:00 hrs
1227	☐	WG-PT-2857	2.43	107.25	low Link Cro	7.32	0 - 10:19 hrs	0.00	88.56	0.00	16.58	571.87	0.00	0.00	0.00	0.00	0.00	0.00	0 - 00:00 hrs
1228	☐	WG-PT-2858	6.51	105.86	low Link Cro	7.77	0 - 10:12 hrs	0.00	88.55	0.00	16.57	515.53	0.00	0.00	0.00	0.00	0.00	0.00	0 - 00:00 hrs
1229	☐	WG-PT-2859	2.04	105.05	low Link Cro	8.46	0 - 10:21 hrs	0.00	88.56	0.00	16.57	158.94	0.00	0.00	0.00	0.00	0.00	0.00	0 - 00:00 hrs
1230	☐	WG-PT-2865	1.32	84.15	low Link Cro	7.48	0 - 10:00 hrs	0.00	17.71	0.00	0.78	40.36	0.00	0.00	0.00	0.00	0.00	0.00	0 - 00:00 hrs
1231	☐	WG-PT-2874	6.70	128.35	w Maximum	0.00	0 - 10:03 hrs	15.57	33.54	0.66	5.69	2,702.48	0.72	1.70	0.00	0.02	0.25	9.17	0 - 10:03 hrs
1232	☐	WG-PT-2899	9.20	102.22	Surcharged	0.00	0 - 10:03 hrs	0.00	27.74	0.00	2.79	85.28	0.67	6.20	0.00	0.00	0.00	3.84	0 - 10:03 hrs
1233	☐	WG-PT-2905	4.70	82.31	Surcharged	0.00	0 - 09:55 hrs	0.00	30.33	0.00	1.92	63.48	1.35	2.70	0.00	0.19	0.44	30.33	0 - 10:03 hrs
1234	☐	WG-PT-2906	5.60	84.12	Surcharged	0.00	0 - 09:48 hrs	0.00	14.19	0.00	1.84	206.86	2.34	3.85	0.00	0.00	0.00	0.74	0 - 09:48 hrs
1235	☐	WG-PT-2922	7.47	89.30	w Maximum	0.00	0 - 10:00 hrs	0.00	45.78	0.00	2.44	1,179.20	0.75	3.97	0.00	0.00	0.00	21.60	0 - 10:00 hrs
1236	☐	WG-PT-2924	9.34	86.14	w Maximum	1.66	0 - 10:00 hrs	0.00	42.47	0.00	2.43	16.18	1.93	5.83	1.66	0.00	0.00	0.00	0 - 00:00 hrs
1237	☐	WG-PT-2946	7.08	110.02	w Maximum	0.02	0 - 09:55 hrs	0.00	18.23	0.00	1.08	-15.78	0.79	4.78	0.02	0.00	0.00	0.00	0 - 00:00 hrs
1238	☐	WG-PT-2978	4.82	93.60	Surcharged	0.00	0 - 10:00 hrs	0.00	36.88	0.00	1.88	-201.03	0.47	2.32	0.00	0.00	0.00	15.20	0 - 10:00 hrs
1239	☐	WG-PT-2993	8.54	90.93	w Maximum	0.00	0 - 09:56 hrs	0.00	25.81	0.00	1.87	46.67	1.63	6.54	0.00	0.00	0.00	21.24	0 - 09:56 hrs
1240	☐	WG-PT-2994	8.87	92.22	w Maximum	1.23	0 - 09:56 hrs	0.00	25.81	0.00	1.87	185.59	2.18	6.77	1.23	0.00	0.00	0.00	0 - 00:00 hrs
1241	☐	WG-PT-3000	8.83	90.02	w Maximum	0.32	0 - 10:03 hrs	0.00	43.45	0.00	2.84	142.60	0.96	5.33	0.32	0.00	0.00	0.00	0 - 00:00 hrs
1242	☐	WG-PT-3040	9.45	106.82	w Maximum	0.00	0 - 09:56 hrs	0.00	21.43	0.00	1.73	-2.93	1.21	7.30	0.00	0.00	0.14	2.38	0 - 09:59 hrs
1243	☐	WG-PT-3045	10.71	100.33	w Maximum	0.84	0 - 09:56 hrs	0.00	36.90	0.00	2.69	48.84	0.71	8.21	0.84	0.00	0.00	0.00	0 - 00:00 hrs
1244	☐	WG-PT-3048	6.37	89.10	w Maximum	4.53	0 - 09:56 hrs	0.00	40.32	0.00	2.82	86.60	0.98	4.12	4.53	0.00	0.00	0.00	0 - 00:00 hrs
1245	☐	WG-PT-3075	16.27	130.75	Surcharged	-5.00	0 - 09:52 hrs	0.00	33.50	0.00	3.99	190.60	1.86	13.77	0.00	0.00	0.00	8.54	0 - 09:52 hrs
1246	☐	WG-PT-3082	0.65	90.09	low Link Cro	8.60	0 - 09:59 hrs	4.16	4.16	0.14	0.14	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0 - 00:00 hrs
1247	☐	WG-PT-3110	11.18	127.34	Surcharged	-5.00	0 - 09:55 hrs	0.00	34.17	0.00	2.84	247.24	1.38	8.18	0.00	0.00	0.00	23.90	0 - 09:55 hrs
1248	☐	WG-PT-3116	7.20	133.87	Surcharged	0.00	0 - 09:53 hrs	0.00	20.90	0.00	1.93	138.45	1.21	4.90	0.00	0.00	0.00	2.38	0 - 09:53 hrs
1249	☐	WG-PT-3180	5.96	84.58	w Maximum	0.54	0 - 09:53 hrs	0.00	32.21	0.00	3.14	156.88	1.46	3.36	0.54	0.00	0.00	0.00	0 - 00:00 hrs
1250	☐	WG-PT-3182	5.68	85.01	w Maximum	0.84	0 - 09:57 hrs	0.00	32.21	0.00	3.15	66.83	1.50	3.11	0.84	0.00	0.00	0.00	0 - 00:00 hrs
1251	☐	WG-PT-3183	5.70	85.37	w Maximum	0.55	0 - 10:03 hrs	0.00	32.18	0.00	3.15	96.97	1.53	3.20	0.55	0.00	0.00	0.00	0 - 00:00 hrs
1252	☐	WG-PT-3184	5.87	85.89	w Maximum	0.23	0 - 09:57 hrs	0.00	32.13	0.00	3.15	68.87	1.58	3.37	0.23	0.00	0.00	0.00	0 - 00:00 hrs
1253	☐	WG-PT-3192	8.85	92.63	w Maximum	0.00	0 - 09:56 hrs	0.00	28.06	0.00	2.17	-51.97	0.95	6.35	0.00	0.00	0.00	8.65	0 - 09:56 hrs
1254	☐	WG-PT-3196	4.75	96.48	Surcharged	0.00	0 - 09:49 hrs	0.00	38.04	0.00	5.66	125.66	3.27	2.25	0.00	0.18	0.78	25.15	0 - 10:02 hrs
1255	☐	WG-PT-3197	6.26	98.85	Surcharged	-1.17	0 - 10:03 hrs	0.00	38.03	0.00	5.67	321.19	3.73	3.76	0.00	0.00	0.00	0.00	0 - 00:00 hrs
1256	☐	WG-PT-3198	8.66	102.65	Surcharged	-3.37	0 - 09:59 hrs	0.00	38.04	0.00	5.67	267.18	3.87	6.16	0.00	0.00	0.00	0.00	0 - 00:00 hrs
1257	☐	WG-PT-3211	6.75	125.38	w Maximum	0.00	0 - 09:57 hrs	0.00	17.79	0.00	0.05	0.00	0.45	3.75	0.00	0.04	0.17	17.48	0 - 09:57 hrs
1258	☐	WG-PT-3226	2.12	65.22	low Link Cro	5.48	0 - 10:03 hrs	0.00	48.30	0.00	2.20	72.91	0.00	0.00	0.00	0.00	0.00	0.00	0 - 00:00 hrs
1259	☐	WG-PT-3238	0.05	56.98	low Link Cro	3.85	0 - 09:56 hrs	0.00	0.58	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0 - 00:00 hrs
1260	☐	WG-PT-3256	5.18	78.14	w Maximum	0.00	0 - 09:56 hrs	0.00	7.65	0.00	0.42	0.00	1.32	3.18	0.00	0.00	0.01	0.03	0 - 09:57 hrs
1261	☐	WG-PT-3264	3.94	63.42	low Link Cro	4.98	0 - 10:06 hrs	0.00	62.28	0.00	2.49	575.66	0.00	0.00	0.00	0.00	0.00	0.00	0 - 00:00 hrs
1262	☐	WG-PT-3269	4.04	62.30	w Maximum	4.36	0 - 10:07 hrs	0.00	69.36	0.00	3.22	635.86	0.00	0.04	4.36	0.00	0.00	0.00	0 - 00:00 hrs
1263	☐	WG-PT-3276	3.73	60.86	low Link Cro	5.02	0 - 00:01 hrs	0.00	97.31	0.00	4.38	3,025.67	0.00	0.00	0.00	0.00	0.00	0.00	0 - 00:00 hrs
1264	☐	WG-PT-3294	1.67	60.91	low Link Cro	7.33	0 - 10:00 hrs	0.00	15.60	0.00	0.69	-110.29	0.00	0.00	0.00	0.00	0.00	0.00	0 - 00:00 hrs
1265	☐	WG-PT-3308	8.90	82.61	Surcharged	0.00	0 - 00:00 hrs	0.00	160.02	0.00	9.33	3,592.74	1.51	4.90	0.00	0.00	0.00	93.52	0 - 00:00 hrs
1266	☐	WG-PT-3342	7.40	105.83	w Maximum	0.00	0 - 09:57 hrs	0.00	21.52	0.00	0.97	-2.22	0.49	4.90	0.00	0.00	0.08	7.88	0 - 09:57 hrs
1267	☐	WG-PT-3450	2.97	99.61	low Link Cro	7.03	0 - 10:07 hrs	0.00	28.72	0.00	4.33	684.43	0.00	0.00	0.00	0.00	0.00	0.00	0 - 00:00 hrs
1268	☐	WG-PT-3451	3.29	100.06	w Maximum	7.21	0 - 09:49 hrs	0.00	28.36	0.00	4.33	412.63	2.27	0.29	7.21	0.00	0.00	0.00	0 - 00:00 hrs
1269	☐	WG-PT-3462	4.20	102.24	w Maximum	0.00	0 - 09:48 hrs	0.00	28.35	0.00	4.33	249.30	3.12	1.70	0.00	0.00	0.17	0.05	0 - 09:49 hrs
1270	☐	WG-PT-3468	6.00	97.27	w Maximum	0.00	0 - 09:56 hrs	0.00	7.29	0.00	0.01	17.41	0.81	4.25	0.00	0.00	0.01	2.14	0 - 09:56 hrs
1271	☐	WG-PT-3474	6.10	94.99	Surcharged	0.00	0 - 09:52 hrs	0.00	36.23	0.00	3.10	332.76	2.29	3.60	0.00	0.10	0.47	13.00	0 - 10:03 hrs
1272	☐	WG-PT-3492	5.10	83.35	w Maximum	0.00	0 - 09:55 hrs	0.00	13.91	0.00	0.82	0.00	1.02	2.00	0.00	0.00	0.03	11.43	0 - 09:55 hrs
1273	☐	WG-PT-3532	11.33	59.99	Surcharged	0.00	0 - 09:52 hrs	0.00	55.52	0.00	6.53	703.54	1.95	6.83	0.00	0.00	0.00	30.86	0 - 09:52 hrs
1274	☐	WG-PT-3563	8.30	64.08	Surcharged	0.00	0 - 09:48 hrs	0.00	19.40	0.00	1.77	172.97	1.83	6.30	0.00	0.00	0.14	0.35	0 - 09:48 hrs

EXISTING CONDITIONS 5-YR 24-HR JUNCTIONS

		ID	Maximum Depth (ft)	Maximum HGL (ft)	Maximum HGL Head Class	Freeboard (ft)	Max.Depth Day-Time (day-time)	Maximum Lateral Inflow (cfs)	Maximum Total Inflow (cfs)	Lateral Inflow Volume (MG)	Total Inflow Volume (MG)	Flow Volume Difference (MG)	Total Surcharge Time (hrs)	Max.Surchar ge Height Above Ground	Min.Surchar ge Depth Below Rim (ft)	Total Flood Volume (MG)	Total Flood Time (hrs)	Maximum Flood Rate (cfs)	Max.Flood Day-Time (day-time)
1275	☐	WG-PT-3568	7.85	62.75	w Maximum	0.00	0 - 09:48 hrs	0.00	19.30	0.00	1.77	29.15	1.88	5.60	0.00	0.00	0.00	0.14	0 - 09:48 hrs
1276	☐	WG-PT-3570	7.29	61.88	w Maximum	0.00	0 - 09:48 hrs	0.00	19.32	0.00	1.78	87.06	1.73	4.79	0.00	0.00	0.00	0.00	0 - 00:00 hrs
1277	☐	WG-PT-3571	6.99	61.37	w Maximum	0.01	0 - 09:48 hrs	0.00	19.31	0.00	1.78	122.16	1.80	4.49	0.01	0.00	0.00	0.00	0 - 00:00 hrs
1278	☐	WG-PT-3572	6.40	60.53	w Maximum	0.00	0 - 09:48 hrs	0.00	19.32	0.00	1.79	242.33	1.88	3.90	0.00	0.00	0.00	0.31	0 - 09:48 hrs
1279	☐	WG-PT-3576	6.36	59.48	w Maximum	0.49	0 - 09:57 hrs	0.00	10.79	0.00	1.03	837.60	4.75	4.36	0.49	0.00	0.00	0.00	0 - 00:00 hrs
1280	☐	WG-PT-3578	5.67	59.31	w Maximum	0.00	0 - 09:48 hrs	23.70	23.70	1.15	1.16	0.00	2.56	3.46	0.00	0.13	0.55	17.38	0 - 10:03 hrs
1281	☐	WG-PT-3584	8.97	74.30	Surcharged	0.00	0 - 09:56 hrs	42.51	42.51	2.14	2.14	0.00	1.67	6.97	0.00	0.03	0.20	9.31	0 - 10:03 hrs
1282	☐	WG-PT-3586	5.74	67.14	w Maximum	2.61	0 - 09:57 hrs	0.00	35.32	0.00	2.11	-164.20	0.49	3.19	2.61	0.00	0.00	0.00	0 - 00:00 hrs
1283	☐	WG-PT-3590	9.58	63.31	w Maximum	0.00	0 - 09:42 hrs	0.00	33.20	0.00	2.11	-133.55	2.73	7.00	0.00	0.00	0.00	2.27	0 - 09:42 hrs
1284	☐	WG-PT-3599	8.69	57.13	w Maximum	5.19	0 - 00:09 hrs	0.00	122.65	0.00	6.99	12,032.90	47.77	3.69	5.19	0.00	0.00	0.00	0 - 00:00 hrs
1285	☐	WG-PT-3600	9.88	58.80	w Maximum	3.57	0 - 00:09 hrs	0.00	95.84	0.00	6.88	7,364.82	47.69	4.88	3.57	0.00	0.00	0.00	0 - 00:00 hrs
1286	☐	WG-PT-3738	3.11	56.24	w Maximum	8.09	0 - 10:08 hrs	0.00	7.48	0.00	0.67	266.12	1.81	1.61	8.09	0.00	0.00	0.00	0 - 00:00 hrs
1287	☐	WG-PT-3740	1.40	58.51	low Link Cro	5.55	0 - 09:59 hrs	0.00	7.87	0.00	0.30	-36.27	0.00	0.00	0.00	0.00	0.00	0.00	0 - 00:00 hrs
1288	☐	WG-PT-3756	9.50	57.50	Surcharged	0.00	0 - 00:02 hrs	0.00	30.36	0.00	1.84	0.00	47.93	6.55	0.00	0.00	0.00	9.98	0 - 00:02 hrs
1289	☐	WG-PT-3760	11.00	58.93	w Maximum	0.00	0 - 00:01 hrs	0.00	63.61	0.00	1.86	0.00	47.95	8.50	0.00	0.00	0.00	26.25	0 - 00:01 hrs
1290	☐	WG-PT-3761	8.65	56.21	w Maximum	4.80	0 - 00:02 hrs	0.00	43.24	0.00	1.85	1,218.46	47.94	6.15	4.80	0.00	0.00	0.00	0 - 00:00 hrs
1291	☐	WG-PT-3765	8.62	59.64	w Maximum	2.18	0 - 09:57 hrs	0.00	24.33	0.00	2.58	3,102.63	47.37	5.50	2.18	0.00	0.00	0.00	0 - 00:00 hrs
1292	☐	WG-PT-3780	1.30	66.48	low Link Cro	6.92	0 - 10:04 hrs	0.00	34.30	0.00	1.65	182.76	0.00	0.00	0.00	0.00	0.00	0.00	0 - 00:00 hrs
1293	☐	WG-PT-3800	11.93	91.68	w Maximum	1.02	0 - 09:57 hrs	0.00	244.00	0.00	31.54	-1,628.27	2.54	6.42	1.02	0.00	0.00	0.00	0 - 00:00 hrs
1294	☐	WG-PT-3809	10.00	94.95	Surcharged	0.00	0 - 09:57 hrs	0.00	77.23	0.00	7.76	278.13	1.94	5.50	0.00	0.00	0.00	54.88	0 - 09:57 hrs
1295	☐	WG-PT-3812	5.22	95.11	w Maximum	0.00	0 - 10:00 hrs	0.00	48.42	0.00	6.12	396.65	1.30	1.72	0.00	0.01	0.03	38.65	0 - 10:00 hrs
1296	☐	WG-PT-3813	5.82	96.06	Surcharged	0.00	0 - 10:00 hrs	0.00	47.14	0.00	6.13	765.09	1.19	2.20	0.00	0.00	0.01	30.14	0 - 10:00 hrs
1297	☐	WG-PT-3814	7.22	76.18	Surcharged	0.00	0 - 10:02 hrs	0.00	65.90	0.00	5.39	98.84	0.22	4.20	0.00	0.00	0.00	4.98	0 - 10:02 hrs
1298	☐	WG-PT-3821	9.80	55.94	Surcharged	0.00	0 - 09:53 hrs	0.00	17.36	0.00	1.44	0.00	47.64	7.80	0.00	0.00	0.01	0.33	0 - 09:55 hrs
1299	☐	WG-PT-3834	15.52	57.10	Surcharged	0.00	0 - 00:01 hrs	0.00	54.04	0.00	0.66	559.77	47.97	12.65	0.00	0.00	0.00	27.20	0 - 00:01 hrs
1300	☐	WG-PT-3836	8.95	57.22	w Maximum	5.35	0 - 09:55 hrs	0.00	14.19	0.00	0.64	-115.62	0.69	6.83	5.35	0.00	0.00	0.00	0 - 00:00 hrs
1301	☐	WG-PT-3840	11.80	54.48	w Maximum	2.24	0 - 09:55 hrs	0.00	51.01	0.00	1.21	5,021.36	47.84	7.76	2.24	0.00	0.00	0.00	0 - 00:00 hrs
1302	☐	WG-PT-3853	6.55	53.45	w Maximum	0.00	0 - 09:56 hrs	0.00	21.25	0.00	1.30	55.74	0.78	4.30	0.00	0.00	0.00	13.61	0 - 09:56 hrs
1303	☐	WG-PT-3860	6.93	50.94	w Maximum	1.47	0 - 09:55 hrs	0.00	48.87	0.00	3.40	118.19	0.97	3.88	1.47	0.00	0.00	0.00	0 - 00:00 hrs
1304	☐	WG-PT-3862	7.06	50.57	w Maximum	1.16	0 - 09:55 hrs	0.00	48.87	0.00	3.41	210.35	0.91	3.88	1.16	0.00	0.00	0.00	0 - 00:00 hrs
1305	☐	WG-PT-3865	5.35	47.76	w Maximum	0.00	0 - 09:55 hrs	0.00	48.86	0.00	3.70	995.33	0.90	1.85	0.00	0.00	0.01	1.29	0 - 09:56 hrs
1306	☐	WG-PT-3871	11.36	60.99	w Maximum	0.96	0 - 00:09 hrs	0.00	28.71	0.00	5.27	2,697.76	47.68	8.23	0.96	0.00	0.00	0.00	0 - 00:00 hrs
1307	☐	WG-PT-3882	8.35	70.46	w Maximum	0.00	0 - 10:00 hrs	0.00	79.53	0.00	5.89	366.48	0.89	4.85	0.00	0.00	0.00	0.92	0 - 10:00 hrs
1308	☐	WG-PT-3884	7.67	67.47	w Maximum	0.02	0 - 10:00 hrs	0.00	79.52	0.00	5.89	96.65	0.70	4.17	0.02	0.00	0.00	0.00	0 - 00:00 hrs
1309	☐	WG-PT-3888	10.10	68.39	w Maximum	0.00	0 - 09:59 hrs	0.00	64.04	0.00	5.37	54.32	0.57	6.90	0.00	0.00	0.00	8.74	0 - 09:59 hrs
1310	☐	WG-PT-3898	1.57	77.87	low Link Cro	3.30	0 - 10:00 hrs	0.00	28.63	0.00	2.32	108.25	0.00	0.00	0.00	0.00	0.00	0.00	0 - 00:00 hrs
1311	☐	WG-PT-3945	10.70	102.11	w Maximum	0.00	0 - 09:55 hrs	0.00	139.62	0.00	6.55	-687.00	1.97	7.70	0.00	0.00	0.00	21.90	0 - 09:55 hrs
1312	☐	WG-PT-3966	7.49	95.17	w Maximum	1.31	0 - 09:57 hrs	0.00	10.44	0.00	0.42	8.28	1.80	5.49	1.31	0.00	0.00	0.00	0 - 00:00 hrs
1313	☐	WG-PT-3975	8.65	90.08	Surcharged	0.00	0 - 10:03 hrs	0.00	56.67	0.00	2.88	198.13	0.92	5.10	0.00	0.03	0.10	22.84	0 - 10:03 hrs
1314	☐	WG-PT-3981	13.99	38.22	w Maximum	0.87	0 - 11:40 hrs	0.00	45.92	0.00	16.49	23,752.03	32.90	6.16	0.87	0.00	0.00	0.00	0 - 00:00 hrs
1315	☐	WG-PT-3982	9.52	36.16	w Maximum	0.48	0 - 10:45 hrs	0.00	21.55	0.00	8.34	1,309.99	39.35	6.52	0.48	0.00	0.00	0.00	0 - 00:00 hrs
1316	☐	WG-PT-4027	1.21	56.99	low Link Cro	10.45	0 - 10:04 hrs	0.00	22.45	0.00	1.11	88.50	0.00	0.00	0.00	0.00	0.00	0.00	0 - 00:00 hrs
1317	☐	WG-PT-4061	8.83	86.20	w Maximum	0.00	0 - 09:56 hrs	0.00	223.04	0.00	31.75	1,720.01	1.60	3.10	0.00	0.57	0.44	96.48	0 - 10:03 hrs
1318	☐	WG-PT-4069	3.92	65.09	w Maximum	0.46	0 - 09:52 hrs	0.00	5.90	0.00	0.46	0.00	1.20	2.59	0.46	0.00	0.00	0.00	0 - 00:00 hrs
1319	☐	WG-PT-4071	4.49	65.64	w Maximum	0.19	0 - 09:52 hrs	0.00	5.90	0.00	0.46	26.86	1.44	3.15	0.19	0.00	0.00	0.00	0 - 00:00 hrs
1320	☐	WG-PT-4078	4.64	53.60	w Maximum	0.46	0 - 09:55 hrs	0.00	4.60	0.00	0.93	90.80	4.85	3.14	0.46	0.00	0.00	0.00	0 - 00:00 hrs
1321	☐	WG-PT-4079	4.61	53.42	w Maximum	0.59	0 - 09:55 hrs	0.00	4.59	0.00	0.93	79.97	4.79	3.11	0.59	0.00	0.00	0.00	0 - 00:00 hrs
1322	☐	WG-PT-4082	4.95	52.87	w Maximum	0.10	0 - 09:55 hrs	0.00	4.60	0.00	0.93	54.35	5.52	3.44	0.10	0.00	0.00	0.00	0 - 00:00 hrs
1323	☐	WG-PT-4083	4.83	52.80	w Maximum	0.07	0 - 09:55 hrs	0.00	4.61	0.00	0.93	0.00	5.31	3.33	0.07	0.00	0.00	0.00	0 - 00:00 hrs

EXISTING CONDITIONS 5-YR 24-HR JUNCTIONS

		ID	Maximum Depth (ft)	Maximum HGL (ft)	Maximum HGL Head Class	Freeboard (ft)	Max.Depth Day-Time (day-time)	Maximum Lateral Inflow (cfs)	Maximum Total Inflow (cfs)	Lateral Inflow Volume (MG)	Total Inflow Volume (MG)	Flow Volume Difference (MG)	Total Surcharge Time (hrs)	Max.Surchar ge Height Above Crown	Min.Surchar ge Depth Below Rim (ft)	Total Flood Volume (MG)	Total Flood Time (hrs)	Maximum Flood Rate (cfs)	Max.Flood Day-Time (day-time)
1324	☐	WG-PT-4085	4.78	52.47	w Maximum	0.11	0 - 09:55 hrs	0.00	4.65	0.00	0.93	82.46	5.51	3.28	0.11	0.00	0.00	0.00	0 - 00:00 hrs
1325	☐	WG-PT-5007	5.92	55.26	w Maximum	0.00	0 - 09:56 hrs	0.00	18.04	0.00	1.55	0.00	1.63	3.92	0.00	0.00	0.01	1.13	0 - 09:57 hrs
1326	☐	WG-PT-5020	5.25	52.18	w Maximum	0.00	0 - 09:56 hrs	23.21	25.81	1.15	1.17	0.00	0.94	3.00	0.00	0.00	0.00	5.15	0 - 09:56 hrs
1327	☐	WG-PT-5037	12.96	38.96	w Maximum	0.84	0 - 12:18 hrs	0.00	223.90	0.00	28.81	26,388.75	30.28	5.46	0.84	0.00	0.00	0.00	0 - 00:00 hrs
1328	☐	WG-PT-5038	9.51	39.01	w Maximum	1.21	0 - 12:08 hrs	0.00	53.57	0.00	5.96	1,398.42	30.43	5.51	1.21	0.00	0.00	0.00	0 - 00:00 hrs
1329	☐	WG-PT-5042	11.90	36.13	w Maximum	0.00	0 - 09:53 hrs	0.00	40.60	0.00	12.57	5,480.93	39.38	6.50	0.00	0.01	1.81	5.64	0 - 09:59 hrs
1330	☐	WG-PT-5043	11.45	36.08	Surcharged	0.00	0 - 09:55 hrs	0.00	40.60	0.00	12.53	2,902.86	39.42	6.47	0.00	3.99	13.01	18.17	0 - 12:18 hrs
1331	☐	WG-PT-5058	6.55	51.49	Surcharged	0.00	0 - 09:59 hrs	0.00	31.01	0.00	2.36	157.78	1.53	3.45	0.00	0.00	0.02	0.91	0 - 09:59 hrs
1332	☐	WG-PT-5059	5.95	51.40	Surcharged	0.00	0 - 09:57 hrs	0.00	8.70	0.00	0.74	231.78	1.78	4.40	0.00	0.00	0.05	0.54	0 - 09:57 hrs
1333	☐	WG-PT-5060	6.92	51.54	Surcharged	0.00	0 - 09:59 hrs	0.00	68.42	0.00	5.92	608.49	1.42	3.38	0.00	0.00	0.01	17.05	0 - 09:59 hrs
1334	☐	WG-PT-5065	8.39	55.46	w Maximum	0.31	0 - 09:57 hrs	0.00	26.32	0.00	2.10	153.87	1.33	5.71	0.31	0.00	0.00	0.00	0 - 00:00 hrs
1335	☐	WG-PT-5067	3.70	54.63	Surcharged	0.00	0 - 09:52 hrs	0.00	1.75	0.00	0.13	124.01	1.63	2.25	0.00	0.00	0.23	1.34	0 - 09:52 hrs
1336	☐	WG-PT-5071	4.90	56.76	Surcharged	0.00	0 - 09:56 hrs	0.00	2.88	0.00	0.59	25.67	1.81	3.59	0.00	0.00	0.01	0.78	0 - 09:57 hrs
1337	☐	WG-PT-5076	8.30	59.31	w Maximum	0.00	0 - 09:56 hrs	0.00	14.21	0.00	1.44	430.14	2.86	6.25	0.00	0.00	0.01	1.12	0 - 09:57 hrs
1338	☐	WG-PT-5084	3.96	48.43	w Maximum	0.00	0 - 09:59 hrs	0.00	3.64	0.00	0.01	0.00	1.30	2.71	0.00	0.01	0.27	3.59	0 - 09:59 hrs
1339	☐	WG-PT-5092	9.50	47.80	w Maximum	0.30	0 - 09:56 hrs	0.00	53.04	0.00	6.18	518.33	3.35	5.90	0.30	0.00	0.00	0.00	0 - 00:00 hrs
1340	☐	WG-PT-5093	4.60	48.76	Surcharged	0.00	0 - 09:51 hrs	0.00	4.09	0.00	0.24	0.00	3.03	3.35	0.00	0.00	0.22	3.86	0 - 09:51 hrs
1341	☐	WG-PT-5095	4.60	48.15	Surcharged	0.00	0 - 09:49 hrs	0.00	3.96	0.00	0.24	63.27	3.23	3.15	0.00	0.01	0.59	3.42	0 - 09:49 hrs
1342	☐	WG-PT-5096	4.50	48.03	w Maximum	0.00	0 - 09:49 hrs	0.00	3.13	0.00	0.23	29.24	3.32	3.19	0.00	0.02	0.58	3.01	0 - 10:04 hrs
1343	☐	WG-PT-5148	8.17	44.31	w Maximum	1.13	0 - 09:52 hrs	0.00	27.99	0.00	2.03	2,597.87	1.66	4.47	1.13	0.00	0.00	0.00	0 - 00:00 hrs
1344	☐	WG-PT-5155	5.10	48.63	w Maximum	0.00	0 - 09:42 hrs	0.00	12.26	0.00	1.02	87.36	3.41	3.05	0.00	0.00	0.30	3.21	0 - 09:42 hrs
1345	☐	WG-PT-5206	13.05	44.93	Surcharged	0.00	0 - 09:56 hrs	0.00	121.90	0.00	10.51	11,302.15	21.33	7.55	0.00	0.00	0.00	0.71	0 - 09:56 hrs
1346	☐	WG-PT-5209	13.34	46.65	w Maximum	0.00	0 - 09:56 hrs	0.00	99.55	0.00	9.56	7,385.01	8.02	7.62	0.00	0.00	0.00	10.66	0 - 09:56 hrs
1347	☐	WG-PT-5213	12.93	47.09	Surcharged	0.00	0 - 09:56 hrs	0.00	99.60	0.00	9.62	2,440.33	5.68	7.53	0.00	0.00	0.01	44.02	0 - 09:56 hrs
1348	☐	WG-PT-5214	13.01	47.82	Surcharged	0.00	0 - 09:56 hrs	0.00	99.62	0.00	9.63	1,539.15	4.87	7.91	0.00	0.00	0.00	3.28	0 - 09:56 hrs
1349	☐	WG-PT-5219	7.84	49.55	w Maximum	0.00	0 - 09:59 hrs	0.00	93.87	0.00	6.84	983.27	1.61	3.62	0.00	0.01	0.01	22.41	0 - 09:59 hrs
1350	☐	WG-PT-5225	6.27	49.30	Surcharged	0.00	0 - 10:00 hrs	9.49	10.94	0.42	0.42	0.00	1.40	4.27	0.00	0.01	0.08	10.85	0 - 10:00 hrs
1351	☐	WG-PT-5226	6.28	49.20	Surcharged	0.00	0 - 10:00 hrs	0.00	11.01	0.00	0.42	15.18	1.45	4.28	0.00	0.00	0.10	7.92	0 - 10:00 hrs
1352	☐	WG-PT-5233	4.88	49.69	Surcharged	0.00	0 - 09:57 hrs	0.00	5.88	0.00	0.01	0.00	2.85	3.38	0.00	0.01	0.31	5.44	0 - 09:57 hrs
1353	☐	WG-PT-75061	12.05	96.67	w Maximum	0.00	0 - 09:56 hrs	0.00	48.24	0.00	3.04	110.57	0.65	9.55	0.00	0.00	0.00	7.55	0 - 09:56 hrs
1354	☐	WG-PT-75077	3.13	90.54	low Link Cro	6.77	0 - 10:06 hrs	0.00	79.48	0.00	6.67	-529.39	0.00	0.00	0.00	0.00	0.00	0.00	0 - 00:00 hrs
1355	☐	WG_DI_01	5.00	50.00	low Link Cro	0.00	0 - 10:00 hrs	54.80	67.10	3.29	3.31	0.00	0.89	0.00	0.00	0.15	0.44	45.14	0 - 10:00 hrs
1356	☐	WG_DI_02	5.00	130.00	low Link Cro	0.00	0 - 09:52 hrs	112.80	112.80	6.86	6.86	0.00	6.66	0.00	0.00	1.83	3.33	94.82	0 - 10:03 hrs
1357	☐	WG_DI_03	5.00	120.00	low Link Cro	0.00	0 - 09:56 hrs	191.06	191.06	12.39	12.39	0.00	2.19	0.00	0.00	1.44	1.09	127.47	0 - 10:03 hrs
1358	☐	WG_DI_04	5.00	105.00	low Link Cro	0.00	0 - 10:02 hrs	46.64	46.64	2.58	2.58	0.00	3.12	0.00	0.00	0.35	1.56	34.64	0 - 10:03 hrs
1359	☐	WG_DI_05	5.00	108.00	low Link Cro	0.00	0 - 09:56 hrs	267.94	267.94	16.72	16.72	0.00	1.64	0.00	0.00	1.44	0.82	159.92	0 - 10:03 hrs
1360	☐	WG_DI_06	8.00	94.00	w Maximum	0.00	0 - 10:00 hrs	33.56	33.56	1.68	1.68	0.00	0.60	4.50	0.00	0.02	0.14	23.06	0 - 10:00 hrs

EXISTING CONDITIONS 5-YR 24-HR CONDUITS

		ID	Full Depth (ft)	Full Flow (cfs)	Percent Slope (%)	Maximum Flow (cfs)	Maximum Flow Class	Max.Flow Day-Time (day-time)	Velocity at Maximum Flow (ft/s)	Maximum Velocity (ft/s)	Max.Flow/Fu ll Flow	Max.Depth/F ull Depth	Reserve Capacity (cfs)	Total Flow Volume (MG)	Maximum Top Width (ft)	Both End Surcharge Time (hrs)	Upstream Surcharge Time (hrs)	Downstream Surcharge Time (hrs)	Above Full-Flow Time (hrs)	Capacity Limited Time (hrs)	Instability Index
1	☐	0	2.00	11.88	0.24	7.23	Backwater	0 - 09:59 hrs	2.89	2.89	0.61	1.00	4.65	0.30	2.00	13.72	13.72	13.85	0.00	0.03	55
2	☐	10	4.00	105.70	0.54	33.16	Free Surface	0 - 10:04 hrs	8.30	8.30	0.31	0.35	72.54	1.94	3.83	0.00	0.00	0.00	0.00	0.00	0
3	☐	100	3.00	30.53	0.60	8.75	Free Surface	0 - 10:07 hrs	3.70	3.70	0.29	0.37	21.78	0.39	2.89	0.00	0.00	0.00	0.00	0.00	0
4	☐	1000	5.50	182.68	0.30	99.55	Backwater	0 - 10:03 hrs	4.19	4.19	0.54	1.00	83.13	9.56	5.50	4.35	4.35	4.55	0.00	0.45	31
5	☐	1001	5.00	82.17	0.10	99.53	ceeds Capac	0 - 10:03 hrs	5.07	5.07	1.21	1.00	-17.35	9.58	5.00	5.66	5.66	6.07	0.49	0.92	34
6	☐	1002	5.50	139.87	0.17	99.56	Backwater	0 - 10:03 hrs	4.19	4.19	0.71	1.00	40.31	9.51	5.50	4.01	4.01	9.31	0.00	0.00	29
7	☐	1003	3.50	27.15	0.07	53.04	ceeds Capac	0 - 09:56 hrs	5.51	5.51	1.95	1.00	-25.89	6.18	3.50	1.68	1.72	1.68	2.03	1.53	11
8	☐	1004	2.75	30.85	0.34	20.22	Backwater	0 - 10:00 hrs	3.41	3.41	0.66	1.00	10.63	1.90	2.75	14.28	14.28	15.14	0.00	0.00	52
9	☐	1005	1.50	3.07	0.11	4.38	ceeds Capac	0 - 10:27 hrs	2.48	2.48	1.43	1.00	-1.32	0.13	1.50	0.84	0.89	0.85	0.93	0.84	2
10	☐	1006	2.50	19.22	0.22	26.45	ceeds Capac	0 - 09:56 hrs	5.39	5.42	1.38	1.00	-7.23	2.10	2.50	0.59	0.61	0.60	0.24	0.28	4
11	☐	1007	2.00	9.12	0.16	18.02	ceeds Capac	0 - 09:52 hrs	5.73	5.73	1.98	1.00	-8.89	1.56	2.00	1.05	1.09	1.05	1.17	1.00	2
12	☐	1008	3.00	32.17	0.23	16.01	Backwater	0 - 10:07 hrs	2.26	2.26	0.50	1.00	16.16	1.05	3.00	15.23	15.23	16.61	0.00	0.00	46
13	☐	1009	3.00	38.14	0.33	16.02	Backwater	0 - 10:07 hrs	2.27	2.32	0.42	1.00	22.11	1.02	3.00	16.42	16.42	17.24	0.00	0.00	63
14	☐	101	2.25	39.62	1.64	22.40	Free Surface	0 - 10:04 hrs	10.27	10.27	0.57	0.54	17.22	1.11	2.25	0.00	0.00	0.00	0.00	0.00	0
15	☐	1010	3.00	31.60	0.22	16.03	Backwater	0 - 10:07 hrs	2.27	2.27	0.51	1.00	15.58	1.02	3.00	18.24	18.24	18.64	0.00	0.00	58
16	☐	1011	2.50	39.35	0.92	33.36	Backwater	0 - 09:59 hrs	7.19	8.85	0.85	1.00	5.99	1.80	2.50	0.03	0.03	0.22	0.00	0.00	1
17	☐	1012	2.50	11.49	0.08	34.14	ceeds Capac	0 - 09:59 hrs	7.25	7.27	2.97	1.00	-22.66	1.80	2.50	0.07	0.24	0.07	0.92	0.07	2
18	☐	1013	2.50	19.25	0.22	34.08	ceeds Capac	0 - 09:59 hrs	6.94	6.94	1.77	1.00	-14.84	1.80	2.50	0.24	0.30	0.24	0.49	0.24	1
19	☐	1014	2.00	12.21	0.29	18.23	ceeds Capac	0 - 10:08 hrs	5.80	5.80	1.49	1.00	-6.02	1.08	2.00	0.46	0.46	0.48	0.48	0.46	0
20	☐	1015	2.00	13.29	0.35	18.23	ceeds Capac	0 - 10:08 hrs	5.80	5.80	1.37	1.00	-4.94	1.08	2.00	0.38	0.38	0.40	0.38	0.36	1
21	☐	1016	2.00	12.67	0.31	18.23	ceeds Capac	0 - 10:08 hrs	5.80	5.80	1.44	1.00	-5.57	1.08	2.00	0.38	0.38	0.38	0.44	0.37	1
22	☐	1017	2.00	17.50	0.60	16.40	Backwater	0 - 09:59 hrs	5.22	5.22	0.94	1.00	1.09	0.73	2.00	0.30	0.30	0.38	0.00	0.00	1
23	☐	1018	2.00	14.84	0.43	17.40	ceeds Capac	0 - 10:06 hrs	5.54	5.54	1.17	1.00	-2.55	0.98	2.00	0.62	0.62	0.76	0.25	0.26	3
24	☐	1019	2.00	11.10	0.24	12.62	ceeds Capac	0 - 10:22 hrs	4.02	4.02	1.14	1.00	-1.53	1.17	2.00	0.79	0.79	0.88	0.23	0.23	2
25	☐	102	2.00	19.73	0.76	22.45	Free Surface	0 - 10:03 hrs	8.31	8.31	1.14	0.80	-2.72	1.11	2.00	0.00	0.17	0.00	0.13	0.00	0
26	☐	1020	2.00	15.15	0.45	15.89	ceeds Capac	0 - 10:22 hrs	5.06	5.06	1.05	1.00	-0.74	1.56	2.00	0.83	0.83	0.91	0.22	0.25	6
27	☐	1021	2.00	9.62	0.18	15.89	ceeds Capac	0 - 10:22 hrs	5.06	5.06	1.65	1.00	-6.27	1.55	2.00	0.91	0.95	0.91	1.06	0.91	5
28	☐	1022	2.00	9.79	0.19	15.89	ceeds Capac	0 - 10:22 hrs	5.06	5.06	1.62	1.00	-6.10	1.55	2.00	0.87	0.94	0.87	1.05	0.87	4
29	☐	1023	2.00	12.95	0.33	23.62	ceeds Capac	0 - 09:59 hrs	7.52	7.52	1.82	1.00	-10.67	1.97	2.00	0.76	0.92	0.76	1.02	0.76	3
30	☐	1024	2.00	10.61	0.22	23.63	ceeds Capac	0 - 09:59 hrs	7.52	7.52	2.23	1.00	-13.01	1.97	2.00	0.30	0.96	0.30	1.22	0.30	3
31	☐	1025	2.00	17.34	0.59	23.70	Free Surface	0 - 09:59 hrs	7.78	7.78	1.37	0.93	-6.36	1.97	2.00	0.00	0.30	0.00	0.59	0.00	0
32	☐	1026	3.00	39.31	0.35	23.26	Free Surface	0 - 09:59 hrs	3.95	3.95	0.59	0.78	16.05	1.96	3.00	0.00	0.00	5.10	0.00	0.00	0
33	☐	1027	2.00	12.96	0.33	20.11	ceeds Capac	0 - 09:57 hrs	6.40	6.40	1.55	1.00	-7.15	1.09	2.00	0.29	0.30	0.29	0.34	0.29	1
34	☐	1028	2.00	10.50	0.22	20.10	ceeds Capac	0 - 09:57 hrs	6.40	6.40	1.91	1.00	-9.60	1.09	2.00	0.27	0.33	0.27	0.42	0.27	1
35	☐	1029	2.00	12.52	0.31	20.10	ceeds Capac	0 - 10:00 hrs	6.40	6.40	1.61	1.00	-7.59	1.09	2.00	0.23	0.26	0.23	0.36	0.23	1
36	☐	103	2.00	18.27	0.65	22.45	ceeds Capac	0 - 10:03 hrs	7.15	7.15	1.23	1.00	-4.18	1.11	2.00	0.17	0.18	0.17	0.21	0.15	0
37	☐	1030	2.00	12.48	0.30	20.11	ceeds Capac	0 - 10:00 hrs	6.40	6.40	1.61	1.00	-7.63	1.09	2.00	0.21	0.25	0.21	0.36	0.21	1
38	☐	1031	2.00	12.19	0.29	20.18	Free Surface	0 - 10:00 hrs	6.76	6.76	1.66	0.90	-7.99	1.09	2.00	0.00	0.22	0.00	0.37	0.00	0
39	☐	1032	2.25	26.76	0.75	21.08	Free Surface	0 - 10:07 hrs	5.93	7.34	0.79	0.87	5.69	1.08	2.25	0.00	0.00	0.10	0.00	0.00	0
40	☐	1033	2.25	33.77	1.19	21.18	Backwater	0 - 10:10 hrs	5.53	7.35	0.63	1.00	12.59	1.09	2.25	0.15	0.15	0.24	0.00	0.00	1
41	☐	1035	2.50	22.73	0.31	33.34	ceeds Capac	0 - 10:03 hrs	6.79	6.79	1.47	1.00	-10.61	1.72	2.50	0.21	0.23	0.21	0.32	0.21	1
42	☐	1036	2.50	22.74	0.31	33.34	Free Surface	0 - 10:03 hrs	7.21	7.21	1.47	0.89	-10.60	1.72	2.50	0.00	0.21	0.00	0.32	0.00	1
43	☐	1037	2.50	30.88	0.57	33.34	Free Surface	0 - 10:03 hrs	7.46	7.58	1.08	0.86	-2.46	1.72	2.50	0.00	0.00	0.00	0.10	0.00	0
44	☐	1038	2.50	36.15	0.78	33.32	Free Surface	0 - 10:04 hrs	7.03	7.03	0.92	0.93	2.84	1.72	2.48	0.00	0.00	0.00	0.00	0.00	0
45	☐	1039	2.50	19.99	0.24	33.31	Free Surface	0 - 10:04 hrs	7.36	7.36	1.67	0.87	-13.32	1.72	2.35	0.00	0.00	0.00	0.36	0.00	0
46	☐	104	2.00	27.45	1.47	22.46	Backwater	0 - 10:03 hrs	7.15	7.92	0.82	1.00	5.00	1.11	2.00	0.10	0.10	0.18	0.00	0.00	1
47	☐	1040	2.50	33.85	0.68	31.57	Free Surface	0 - 09:59 hrs	7.85	7.85	0.93	0.76	2.29	1.33	2.50	0.00	0.00	0.00	0.00	0.00	0
48	☐	1042	3.50	67.70	0.45	31.38	Free Surface	0 - 09:59 hrs	6.14	6.15	0.46	0.53	36.32	1.33	3.50	0.00	0.00	0.00	0.00	0.00	0
49	☐	1043	3.50	44.49	0.20	30.59	Free Surface	0 - 10:00 hrs	4.93	4.95	0.69	0.62	13.90	1.33	3.50	0.00	0.00	0.00	0.00	0.00	0

EXISTING CONDITIONS 5-YR 24-HR CONDUITS

		ID	Full Depth (ft)	Full Flow (cfs)	Percent Slope (%)	Maximum Flow (cfs)	Maximum Flow Class	Max.Flow Day-Time (day-time)	Velocity at Maximum Flow (ft/s)	Maximum Velocity (ft/s)	Max.Flow/Fu ll Flow	Max.Depth/F ull Depth	Reserve Capacity (cfs)	Total Flow Volume (MG)	Maximum Top Width (ft)	Both End Surcharge Time (hrs)	Upstream Surcharge Time (hrs)	Downstream Surcharge Time (hrs)	Above Full-Flow Time (hrs)	Capacity Limited Time (hrs)	Instability Index
50	☐	1044	3.50	51.97	0.27	30.24	Free Surface	0 - 10:00 hrs	4.76	4.76	0.58	0.63	21.73	1.33	3.50	0.00	0.00	0.00	0.00	0.00	0
51	☐	1045	3.50	61.38	0.37	48.67	Free Surface	0 - 10:00 hrs	6.00	6.07	0.79	0.79	12.72	2.20	3.50	0.00	0.00	0.00	0.00	0.00	0
52	☐	1046	3.50	41.53	0.17	48.31	Free Surface	0 - 10:02 hrs	6.58	6.58	1.16	0.71	-6.78	2.20	3.50	0.00	0.00	0.00	0.17	0.00	0
53	☐	1047	3.50	87.30	0.75	48.29	Free Surface	0 - 10:02 hrs	7.78	7.79	0.55	0.61	39.01	2.20	3.50	0.00	0.00	0.00	0.00	0.00	0
54	☐	1048	3.50	55.22	0.30	48.26	Free Surface	0 - 10:02 hrs	6.93	6.93	0.87	0.68	6.96	2.20	3.50	0.00	0.00	0.00	0.00	0.00	0
55	☐	1049	4.00	75.82	0.28	48.27	Free Surface	0 - 10:02 hrs	6.45	6.45	0.64	0.58	27.55	2.20	4.00	0.00	0.00	0.00	0.00	0.00	0
56	☐	105	2.00	18.69	0.68	22.45	ceeds Capac	0 - 10:03 hrs	7.15	7.92	1.20	1.00	-3.76	1.11	2.00	0.10	0.16	0.10	0.19	0.10	0
57	☐	1050	4.00	74.75	0.27	48.30	Free Surface	0 - 10:03 hrs	6.80	6.80	0.65	0.55	26.45	2.20	4.00	0.00	0.00	0.00	0.00	0.00	0
58	☐	1051	4.00	90.82	0.40	48.29	Free Surface	0 - 10:03 hrs	7.51	7.51	0.53	0.51	42.53	2.20	4.00	0.00	0.00	0.00	0.00	0.00	0
59	☐	1052	4.00	100.20	0.49	48.24	Free Surface	0 - 10:03 hrs	6.78	6.78	0.48	0.56	51.96	2.20	4.00	0.00	0.00	0.00	0.00	0.00	0
60	☐	1053	4.00	79.87	0.31	54.75	Free Surface	0 - 10:03 hrs	7.33	8.03	0.69	0.57	25.12	2.50	4.00	0.00	0.00	0.00	0.00	0.00	0
61	☐	1054	4.00	153.88	1.15	66.66	Free Surface	0 - 10:04 hrs	10.36	10.36	0.43	0.51	87.23	2.49	4.00	0.00	0.00	0.00	0.00	0.00	4
62	☐	1055	4.00	183.46	1.63	62.28	Free Surface	0 - 10:06 hrs	5.86	6.40	0.34	0.79	121.18	2.49	4.00	0.00	0.00	0.00	0.00	0.00	5
63	☐	1056	4.00	80.08	0.31	59.53	Free Surface	0 - 10:06 hrs	5.88	6.01	0.74	0.75	20.56	2.48	4.00	0.00	0.00	0.00	0.00	0.00	4
64	☐	1057	4.00	80.35	0.31	69.80	Free Surface	0 - 10:07 hrs	6.11	6.27	0.87	0.85	10.55	3.16	4.00	0.00	0.00	0.00	0.00	0.00	3
65	☐	1058	4.00	87.56	0.37	69.04	Free Surface	0 - 10:07 hrs	5.67	5.67	0.79	0.93	18.52	3.16	4.00	0.00	0.00	0.00	0.00	0.00	4
66	☐	1059	4.00	110.02	0.59	69.36	Free Surface	0 - 10:07 hrs	5.54	5.54	0.63	0.98	40.66	3.15	4.00	0.00	0.00	0.00	0.00	0.00	3
67	☐	106	6.00	303.63	0.51	119.73	Backwater	0 - 10:03 hrs	4.23	4.23	0.39	1.00	183.90	6.41	6.00	0.04	0.04	19.76	0.00	0.00	14
68	☐	1060	4.00	32.40	0.05	69.67	Free Surface	0 - 10:07 hrs	5.63	5.63	2.15	0.96	-37.26	3.14	4.00	0.00	0.00	0.00	0.40	0.00	4
69	☐	1061	1.75	11.17	0.66	24.13	ceeds Capac	0 - 09:57 hrs	10.03	10.03	2.16	1.00	-12.97	1.11	1.75	0.58	0.58	0.97	0.49	0.49	6
70	☐	1062	4.00	77.18	0.29	89.63	Free Surface	0 - 10:07 hrs	7.51	7.51	1.16	0.90	-12.45	4.25	4.00	0.00	0.00	0.00	0.18	0.00	1
71	☐	1063	4.00	76.68	0.28	89.13	Free Surface	0 - 10:07 hrs	7.94	7.96	1.16	0.84	-12.45	4.24	3.90	0.00	0.00	0.00	0.18	0.00	2
72	☐	1064	1.75	6.63	0.23	1.14	Free Surface	0 - 09:59 hrs	2.37	2.37	0.17	0.25	5.49	0.04	1.66	0.00	0.00	0.00	0.00	0.00	0
73	☐	1065	2.50	69.95	2.91	11.97	Free Surface	0 - 09:59 hrs	4.20	4.20	0.17	0.56	57.98	0.50	2.50	0.00	0.00	0.00	0.00	0.00	0
74	☐	1066	2.50	23.19	0.32	10.88	Free Surface	0 - 09:59 hrs	4.88	4.88	0.47	0.46	12.32	0.46	2.42	0.00	0.00	0.00	0.00	0.00	0
75	☐	1067	3.00	38.68	0.34	30.50	Free Surface	0 - 00:00 hrs	4.89	5.05	0.79	0.94	8.18	0.84	2.53	0.00	0.00	0.00	0.00	0.00	1
76	☐	1068	3.00	36.91	0.31	19.28	Free Surface	0 - 10:00 hrs	3.96	3.98	0.52	0.69	17.64	0.84	3.00	0.00	0.00	0.00	0.00	0.00	0
77	☐	1069	1.25	7.83	1.95	4.18	Free Surface	0 - 09:59 hrs	4.18	4.18	0.53	0.76	3.64	0.16	1.25	0.00	0.00	1.33	0.00	0.00	0
78	☐	107	3.00	44.98	0.45	21.55	Backwater	0 - 21:01 hrs	3.05	3.05	0.48	1.00	23.43	7.72	3.00	19.68	19.68	19.82	0.00	0.14	74
79	☐	1070	2.00	35.98	2.53	19.91	Backwater	0 - 09:56 hrs	7.73	9.10	0.55	1.00	16.07	1.18	2.00	0.28	0.28	0.33	0.00	0.00	1
80	☐	1071	2.00	20.15	0.79	17.48	Backwater	0 - 10:11 hrs	5.56	6.80	0.87	1.00	2.68	1.18	2.00	0.33	0.33	0.43	0.00	0.00	1
81	☐	1072	2.50	28.94	0.50	27.59	Backwater	0 - 09:56 hrs	5.62	5.62	0.95	1.00	1.35	1.71	2.50	0.45	0.45	0.62	0.00	0.00	2
82	☐	1073	2.50	13.32	0.11	27.60	Backwater	0 - 09:56 hrs	5.62	5.62	2.07	1.00	-14.28	1.71	2.50	0.43	0.43	0.62	0.72	0.00	2
83	☐	1074	3.50	61.22	0.37	81.83	Free Surface	0 - 10:04 hrs	9.17	9.17	1.34	0.87	-20.61	3.80	3.50	0.00	0.00	0.00	0.25	0.00	0
84	☐	1075	3.50	39.62	0.16	81.89	Free Surface	0 - 10:04 hrs	8.51	8.51	2.07	1.00	-42.27	3.81	3.50	0.00	0.15	0.00	0.45	0.00	0
85	☐	1076	3.50	118.26	1.38	81.82	Free Surface	0 - 10:04 hrs	9.85	9.85	0.69	0.81	36.45	3.81	3.50	0.00	0.00	0.17	0.00	0.00	0
86	☐	1077	3.50	88.36	0.77	79.26	Free Surface	0 - 10:04 hrs	10.39	10.39	0.90	0.74	9.10	3.68	3.50	0.00	0.00	0.00	0.00	0.00	0
87	☐	1078	3.50	53.66	0.28	56.49	Free Surface	0 - 10:06 hrs	7.43	7.43	1.05	0.74	-2.83	2.50	3.50	0.00	0.00	0.00	0.08	0.00	0
88	☐	1079	3.50	51.12	0.26	56.64	Free Surface	0 - 10:06 hrs	6.53	6.53	1.11	0.85	-5.51	2.50	3.50	0.00	0.00	0.00	0.14	0.00	0
89	☐	108	3.00	46.99	0.50	21.55	Backwater	0 - 20:54 hrs	3.05	3.05	0.46	1.00	25.44	7.71	3.00	18.90	18.90	19.68	0.00	0.00	76
90	☐	1080	3.00	35.10	0.28	56.69	Free Surface	0 - 10:03 hrs	8.42	8.42	1.62	0.91	-21.59	3.24	3.00	0.00	0.26	0.00	0.44	0.00	0
91	☐	1082	3.00	23.78	0.13	56.68	ceeds Capac	0 - 10:03 hrs	8.02	8.02	2.38	1.00	-32.90	3.24	3.00	0.20	0.42	0.20	0.76	0.20	0
92	☐	1083	3.00	20.20	0.09	46.26	ceeds Capac	0 - 10:06 hrs	6.54	6.54	2.29	1.00	-26.06	2.75	3.00	0.39	0.46	0.39	0.77	0.39	1
93	☐	1084	2.00	23.86	1.11	16.61	Free Surface	0 - 10:04 hrs	8.20	8.20	0.70	0.61	7.25	0.76	2.00	0.00	0.00	0.00	0.00	0.00	0
94	☐	1085	2.00	20.99	0.86	16.88	Free Surface	0 - 09:59 hrs	7.64	7.64	0.80	0.66	4.11	0.76	2.00	0.00	0.00	0.00	0.00	0.00	0
95	☐	1086	2.00	18.60	0.68	15.38	Free Surface	0 - 10:00 hrs	6.06	6.06	0.83	0.75	3.22	0.68	2.00	0.00	0.00	0.00	0.00	0.00	1
96	☐	1087	2.00	14.91	0.43	15.44	Free Surface	0 - 10:00 hrs	5.95	5.95	1.04	0.77	-0.53	0.69	2.00	0.00	0.00	0.00	0.03	0.00	0
97	☐	1088	2.00	19.41	0.74	15.42	Free Surface	0 - 10:00 hrs	6.75	6.76	0.79	0.68	3.99	0.69	2.00	0.00	0.00	0.00	0.00	0.00	0
98	☐	1089	2.00	14.47	0.41	15.60	Free Surface	0 - 09:59 hrs	5.46	5.47	1.08	0.85	-1.13	0.69	2.00	0.00	0.00	0.00	0.11	0.00	0

EXISTING CONDITIONS 5-YR 24-HR CONDUITS

		ID	Full Depth (ft)	Full Flow (cfs)	Percent Slope (%)	Maximum Flow (cfs)	Maximum Flow Class	Max.Flow Day-Time (day-time)	Velocity at Maximum Flow (ft/s)	Maximum Velocity (ft/s)	Max.Flow/Fu ll Flow	Max.Depth/F ull Depth	Reserve Capacity (cfs)	Total Flow Volume (MG)	Maximum Top Width (ft)	Both End Surcharge Time (hrs)	Upstream Surcharge Time (hrs)	Downstream Surcharge Time (hrs)	Above Full-Flow Time (hrs)	Capacity Limited Time (hrs)	Instability Index
99	☐	1090	2.00	20.24	0.80	15.79	Free Surface	0 - 09:59 hrs	5.59	5.65	0.78	0.84	4.44	0.69	2.00	0.00	0.00	0.01	0.00	0.00	0
100	☐	1091	2.00	4.64	0.04	16.15	Free Surface	0 - 09:59 hrs	5.61	5.61	3.48	0.86	-11.50	0.69	2.00	0.00	0.15	0.00	0.61	0.00	0
101	☐	1092	3.00	112.63	2.85	56.64	Free Surface	0 - 10:04 hrs	12.12	12.12	0.50	0.63	55.98	3.24	3.00	0.00	0.00	0.00	0.00	0.00	0
102	☐	1093	3.00	94.67	2.01	56.63	Free Surface	0 - 10:04 hrs	13.99	13.99	0.60	0.56	38.04	3.24	3.00	0.00	0.00	0.00	0.00	0.00	0
103	☐	1094	3.00	66.21	0.99	58.96	Free Surface	0 - 10:04 hrs	9.05	9.25	0.89	0.87	7.24	3.35	3.00	0.00	0.00	0.02	0.00	0.00	0
104	☐	1095	3.00	34.38	0.27	59.04	ceeds Capac	0 - 10:03 hrs	8.35	8.35	1.72	1.00	-24.67	3.35	3.00	0.00	0.16	0.00	0.47	0.00	0
105	☐	1096	3.00	45.34	0.46	59.04	Free Surface	0 - 10:03 hrs	8.72	8.72	1.30	0.91	-13.70	3.35	3.00	0.00	0.15	0.00	0.29	0.00	0
106	☐	1097	2.00	17.60	0.61	24.13	ceeds Capac	0 - 09:57 hrs	7.68	7.68	1.37	1.00	-6.54	1.11	2.00	0.34	0.34	0.50	0.23	0.23	1
107	☐	1098	2.00	9.68	0.18	24.14	ceeds Capac	0 - 09:57 hrs	7.69	7.69	2.49	1.00	-14.46	1.11	2.00	0.32	0.39	0.32	0.60	0.32	1
108	☐	1099	2.00	6.64	0.09	16.74	ceeds Capac	0 - 10:04 hrs	5.33	5.33	2.52	1.00	-10.10	0.78	2.00	0.39	0.40	0.39	0.61	0.34	1
109	☐	11	2.00	15.99	0.50	21.46	ceeds Capac	0 - 09:56 hrs	6.87	6.94	1.34	1.00	-5.47	2.89	2.00	0.80	1.14	0.80	1.31	0.80	0
110	☐	110	3.50	193.44	3.70	42.99	Backwater	0 - 15:08 hrs	4.47	4.47	0.22	1.00	150.45	11.07	3.50	20.74	20.74	20.90	0.00	0.00	66
111	☐	1100	1.50	9.33	1.05	1.54	Free Surface	0 - 09:59 hrs	1.60	1.76	0.16	0.67	7.80	0.00	1.50	0.00	0.00	0.00	0.00	0.00	0
112	☐	1101	2.50	40.14	0.96	27.61	Backwater	0 - 09:56 hrs	5.62	5.62	0.69	1.00	12.53	1.71	2.50	0.43	0.43	0.68	0.00	0.00	4
113	☐	1102	2.50	15.15	0.14	32.64	ceeds Capac	0 - 09:57 hrs	6.65	6.65	2.15	1.00	-17.49	1.99	2.50	0.43	0.49	0.43	0.73	0.43	4
114	☐	1103	2.50	26.63	0.42	32.65	Backwater	0 - 09:57 hrs	6.65	6.65	1.23	1.00	-6.03	2.00	2.50	0.49	0.49	0.68	0.30	0.00	5
115	☐	1104	1.50	14.33	2.48	10.91	Backwater	0 - 09:59 hrs	7.67	8.83	0.76	1.00	3.42	0.46	1.50	0.16	0.16	0.18	0.00	0.00	1
116	☐	1105	2.00	17.20	0.58	10.18	Backwater	0 - 09:57 hrs	3.88	4.27	0.59	1.00	7.03	0.45	2.00	0.19	0.19	0.23	0.00	0.00	1
117	☐	1106	2.25	22.35	0.52	21.52	Backwater	0 - 10:03 hrs	5.41	6.46	0.96	1.00	0.83	0.97	2.25	0.22	0.22	0.25	0.00	0.01	1
118	☐	1107	2.25	22.18	0.51	21.31	Backwater	0 - 10:04 hrs	5.36	5.89	0.96	1.00	0.87	0.97	2.25	0.26	0.26	0.28	0.00	0.00	0
119	☐	1108	2.25	22.39	0.52	22.04	Backwater	0 - 10:07 hrs	5.54	6.24	0.98	1.00	0.35	1.17	2.25	0.28	0.28	0.31	0.00	0.00	0
120	☐	1109	3.00	36.53	0.30	65.83	ceeds Capac	0 - 09:59 hrs	9.44	9.57	1.80	1.00	-29.30	3.49	3.00	0.20	0.30	0.20	0.49	0.19	1
121	☐	111	4.00	41.80	0.08	45.89	Backwater	0 - 12:33 hrs	3.65	3.65	1.10	1.00	-4.08	12.56	4.00	19.45	19.45	20.57	5.89	0.00	46
122	☐	1110	3.00	55.81	0.70	65.70	ceeds Capac	0 - 09:59 hrs	9.29	9.29	1.18	1.00	-9.89	3.49	3.00	0.22	0.22	0.25	0.08	0.10	1
123	☐	1111	3.00	36.38	0.30	65.70	ceeds Capac	0 - 09:59 hrs	9.30	9.30	1.81	1.00	-29.33	3.49	3.00	0.23	0.41	0.23	0.49	0.23	0
124	☐	1112	3.00	39.76	0.36	44.26	ceeds Capac	0 - 09:59 hrs	6.26	6.26	1.11	1.00	-4.50	2.46	3.00	0.32	0.32	0.43	0.07	0.07	0
125	☐	1113	2.50	27.12	0.44	48.24	ceeds Capac	0 - 09:59 hrs	9.83	9.83	1.78	1.00	-21.12	3.04	2.50	0.33	0.41	0.33	0.60	0.33	1
126	☐	1114	2.50	20.96	0.26	30.67	ceeds Capac	0 - 09:56 hrs	6.25	6.25	1.46	1.00	-9.71	2.03	2.50	0.40	0.45	0.41	0.54	0.40	1
127	☐	1115	2.50	21.52	0.28	16.41	Backwater	0 - 10:10 hrs	3.34	4.66	0.76	1.00	5.11	1.05	2.50	0.35	0.35	0.40	0.00	0.00	1
128	☐	1116	3.50	165.91	2.72	59.78	Backwater	0 - 10:00 hrs	6.21	9.98	0.36	1.00	106.13	3.49	3.50	0.16	0.16	0.27	0.00	0.00	1
129	☐	1117	3.50	70.95	0.50	59.91	Backwater	0 - 10:00 hrs	6.23	6.52	0.84	1.00	11.05	3.49	3.50	0.27	0.27	0.30	0.00	0.01	2
130	☐	1118	3.50	60.50	0.36	91.66	ceeds Capac	0 - 10:00 hrs	9.53	9.53	1.52	1.00	-31.17	5.04	3.50	0.29	0.33	0.29	0.42	0.28	1
131	☐	1119	3.50	87.05	0.75	99.26	ceeds Capac	0 - 10:00 hrs	10.32	10.40	1.14	1.00	-12.21	5.48	3.50	0.16	0.16	0.24	0.16	0.14	0
132	☐	112	4.50	85.35	0.19	83.68	Backwater	0 - 09:57 hrs	5.26	5.26	0.98	1.00	1.67	12.83	4.50	14.84	14.84	17.52	0.00	0.01	33
133	☐	1120	3.50	87.98	0.76	97.60	ceeds Capac	0 - 10:03 hrs	10.14	10.14	1.11	1.00	-9.62	5.48	3.50	0.23	0.23	0.29	0.15	0.14	0
134	☐	1121	3.50	98.25	0.95	111.95	ceeds Capac	0 - 10:03 hrs	11.64	11.64	1.14	1.00	-13.69	6.14	3.39	0.28	0.28	23.92	0.14	0.14	1
135	☐	1122	3.50	54.95	0.30	101.47	ceeds Capac	0 - 10:00 hrs	10.64	10.64	1.85	1.00	-46.52	5.49	3.50	0.19	0.36	0.19	0.51	0.19	1
136	☐	1123	2.50	56.43	1.89	48.31	Free Surface	0 - 09:59 hrs	11.84	11.93	0.86	0.77	8.12	3.04	2.50	0.00	0.19	0.00	0.00	0.00	0
137	☐	1124	2.50	33.46	0.67	48.25	ceeds Capac	0 - 09:59 hrs	9.83	9.83	1.44	1.00	-14.79	3.04	2.50	0.19	0.33	0.19	0.43	0.19	1
138	☐	1126	2.00	21.61	0.91	7.65	Free Surface	0 - 10:07 hrs	2.89	3.62	0.35	0.81	13.96	0.34	2.00	0.00	0.00	0.00	0.00	0.00	0
139	☐	1128	2.00	7.88	0.12	21.32	Free Surface	0 - 10:03 hrs	6.89	7.11	2.70	0.96	-13.44	1.00	2.00	0.00	0.00	0.08	0.64	0.00	0
140	☐	1129	2.00	7.91	0.12	0.00	Backwater	0 - 00:00 hrs	0.00	0.00	0.00	1.00	7.91	0.00	0.78	21.13	21.13	24.00	0.00	0.00	0
141	☐	1130	3.50	41.64	0.17	29.57	Backwater	0 - 10:04 hrs	3.07	3.07	0.71	1.00	12.06	1.50	3.50	4.41	4.41	6.05	0.00	0.00	28
142	☐	1131	1.50	5.40	0.35	7.73	Backwater	0 - 09:56 hrs	4.52	4.65	1.43	1.00	-2.33	0.13	1.50	0.85	0.85	0.86	0.01	0.33	7
143	☐	1132	2.25	43.29	1.95	39.86	Backwater	0 - 09:59 hrs	10.02	14.26	0.92	1.00	3.43	1.27	2.25	0.97	0.97	0.99	0.00	0.18	4
144	☐	1133	3.50	160.66	2.55	63.08	Backwater	0 - 09:57 hrs	6.56	6.63	0.39	1.00	97.58	5.91	3.50	0.84	0.85	0.86	0.00	0.08	6
145	☐	1134	4.00	81.43	0.32	80.76	Backwater	0 - 09:57 hrs	6.43	6.43	0.99	1.00	0.67	6.31	4.00	0.75	0.75	0.88	0.00	0.00	5
146	☐	1135	3.50	56.38	0.31	63.69	ceeds Capac	0 - 09:57 hrs	6.64	6.66	1.13	1.00	-7.30	5.91	3.50	0.70	0.71	0.86	0.03	0.00	4
147	☐	1136	1.50	3.65	0.16	8.70	ceeds Capac	0 - 09:53 hrs	4.95	4.96	2.39	1.00	-5.06	0.74	1.50	0.89	1.18	0.89	1.36	0.89	2

EXISTING CONDITIONS 5-YR 24-HR CONDUITS

		ID	Full Depth (ft)	Full Flow (cfs)	Percent Slope (%)	Maximum Flow (cfs)	Maximum Flow Class	Max.Flow Day-Time (day-time)	Velocity at Maximum Flow (ft/s)	Maximum Velocity (ft/s)	Max.Flow/Fu ll Flow	Max.Depth/F ull Depth	Reserve Capacity (cfs)	Total Flow Volume (MG)	Maximum Top Width (ft)	Both End Surcharge Time (hrs)	Upstream Surcharge Time (hrs)	Downstream Surcharge Time (hrs)	Above Full-Flow Time (hrs)	Capacity Limited Time (hrs)	Instability Index
148	☐	114	4.00	99.18	0.48	100.94	Free Surface	0 - 10:10 hrs	9.31	9.31	1.02	0.81	-1.76	6.92	4.00	0.00	0.00	0.00	0.10	0.00	0
149	☐	1140	2.50	17.69	0.19	22.00	ceeds Capac	0 - 10:12 hrs	4.48	4.48	1.24	1.00	-4.31	1.60	2.50	0.60	0.60	0.97	0.42	0.42	3
150	☐	1141	2.50	21.49	0.27	22.00	ceeds Capac	0 - 10:12 hrs	4.48	4.48	1.02	1.00	-0.51	1.58	2.50	1.27	1.27	19.71	0.33	0.22	20
151	☐	1142	2.50	7.08	0.03	20.43	ceeds Capac	0 - 09:59 hrs	4.16	4.16	2.89	1.00	-13.36	0.89	2.50	0.31	0.33	0.31	0.64	0.30	1
152	☐	1143	2.50	25.83	0.40	36.38	ceeds Capac	0 - 09:59 hrs	7.41	7.41	1.41	1.00	-10.55	1.58	2.50	0.34	0.34	0.38	0.21	0.22	1
153	☐	1144	2.50	29.01	0.50	36.40	ceeds Capac	0 - 09:59 hrs	7.42	7.42	1.25	1.00	-7.39	1.57	2.50	0.33	0.33	0.43	0.19	0.18	1
154	☐	1145	2.50	9.50	0.05	36.41	ceeds Capac	0 - 09:59 hrs	7.42	7.42	3.83	1.00	-26.91	1.57	2.50	0.16	0.37	0.16	0.93	0.16	0
155	☐	1146	2.50	10.23	0.06	36.48	Free Surface	0 - 09:59 hrs	7.47	7.47	3.57	0.98	-26.25	1.57	2.50	0.00	0.20	0.00	0.87	0.00	1
156	☐	1147	2.00	11.37	0.25	16.19	ceeds Capac	0 - 10:03 hrs	5.15	5.15	1.42	1.00	-4.82	0.72	2.00	0.38	0.38	0.44	0.23	0.23	1
157	☐	1148	2.00	12.68	0.31	16.19	ceeds Capac	0 - 10:03 hrs	5.15	5.15	1.28	1.00	-3.51	0.73	2.00	0.28	0.28	0.34	0.20	0.20	0
158	☐	1149	1.25	10.04	3.21	12.21	ceeds Capac	0 - 10:00 hrs	9.95	9.95	1.22	1.00	-2.18	0.99	1.25	0.43	0.48	0.45	0.53	0.43	0
159	☐	115	3.50	83.04	0.68	101.03	Free Surface	0 - 10:07 hrs	10.76	10.76	1.22	0.94	-17.99	6.92	3.50	0.00	0.19	0.00	0.38	0.00	0
160	☐	1150	2.00	15.60	0.48	13.39	Backwater	0 - 10:07 hrs	4.59	5.64	0.86	1.00	2.21	0.99	2.00	0.05	0.05	0.14	0.00	0.00	0
161	☐	1151	3.00	36.48	0.30	15.24	Backwater	0 - 10:15 hrs	2.57	2.69	0.42	1.00	21.23	0.99	3.00	0.12	0.12	0.35	0.00	0.00	1
162	☐	1152	3.00	21.67	0.11	33.31	ceeds Capac	0 - 10:03 hrs	4.71	4.71	1.54	1.00	-11.63	1.97	3.00	0.35	0.35	0.35	0.43	0.34	1
163	☐	1153	3.00	25.06	0.14	33.30	ceeds Capac	0 - 10:03 hrs	4.71	4.71	1.33	1.00	-8.25	1.96	3.00	0.35	0.35	0.36	0.33	0.31	1
164	☐	1154	3.00	19.08	0.08	41.55	ceeds Capac	0 - 10:03 hrs	5.88	5.88	2.18	1.00	-22.46	2.30	3.00	0.23	0.36	0.23	0.66	0.23	1
165	☐	1155	2.00	10.72	0.22	16.41	Backwater	0 - 10:06 hrs	5.22	5.22	1.53	1.00	-5.69	0.84	2.00	19.89	19.89	20.12	0.34	0.00	64
166	☐	1156	2.00	37.34	2.72	16.42	Backwater	0 - 10:06 hrs	5.23	5.23	0.44	1.00	20.92	0.84	2.00	19.89	19.89	20.33	0.00	0.00	64
167	☐	1157	3.50	52.37	0.27	46.74	Backwater	0 - 09:57 hrs	4.86	4.86	0.89	1.00	5.63	2.74	3.50	19.88	19.88	20.33	0.00	0.00	54
168	☐	1158	3.00	24.90	0.40	36.16	ceeds Capac	0 - 00:00 hrs	5.30	5.38	1.45	1.00	-11.26	5.91	1.18	23.98	23.98	24.00	1.52	1.51	5
169	☐	1159	2.50	23.18	0.32	35.74	ceeds Capac	0 - 09:59 hrs	7.28	17.18	1.54	1.00	-12.56	5.91	2.10	1.30	1.68	1.30	1.91	1.30	8
170	☐	1160	2.00	13.14	0.34	7.08	Backwater	0 - 10:14 hrs	2.25	2.42	0.54	1.00	6.06	0.52	2.00	1.37	1.37	1.73	0.00	0.00	12
171	☐	1161	2.00	9.17	0.16	7.09	Backwater	0 - 10:14 hrs	2.26	2.39	0.77	1.00	2.08	0.52	2.00	1.73	1.73	1.84	0.00	0.08	12
172	☐	1162	1.50	24.80	7.42	16.35	Backwater	0 - 09:51 hrs	9.25	9.25	0.66	1.00	8.45	2.15	1.50	1.37	1.37	2.28	0.00	0.00	11
173	☐	1163	1.50	12.80	1.98	16.35	ceeds Capac	0 - 09:51 hrs	9.25	9.25	1.28	1.00	-3.55	2.15	1.48	2.28	2.28	23.84	1.18	1.18	16
174	☐	1164	2.00	7.14	0.10	11.84	ceeds Capac	0 - 09:59 hrs	3.77	3.77	1.66	1.00	-4.70	2.02	2.00	23.11	23.11	23.84	2.75	2.82	61
175	☐	1165	2.50	13.03	0.10	11.84	Backwater	0 - 09:59 hrs	2.41	2.53	0.91	1.00	1.19	2.00	2.48	23.72	23.72	23.89	0.00	0.19	19
176	☐	1166	5.00	369.59	2.01	325.76	Backwater	0 - 00:00 hrs	17.21	17.21	0.88	1.00	43.84	2.18	1.96	23.99	23.99	24.00	0.00	0.02	35
177	☐	1167	3.50	47.25	0.22	94.11	ceeds Capac	0 - 00:01 hrs	9.95	10.02	1.99	1.00	-46.86	5.52	1.37	23.97	23.97	24.00	0.22	0.17	57
178	☐	1168	3.50	50.08	0.25	75.61	Backwater	0 - 00:01 hrs	8.39	8.39	1.51	1.00	-25.53	5.55	2.92	23.96	23.96	23.97	0.02	0.05	58
179	☐	1169	3.50	54.54	0.29	68.57	Backwater	0 - 00:01 hrs	11.69	11.69	1.26	1.00	-14.03	4.92	2.20	23.95	23.95	23.97	0.02	0.00	74
180	☐	117	4.50	101.07	0.26	142.08	ceeds Capac	0 - 09:56 hrs	9.36	9.39	1.41	1.00	-41.02	9.66	4.50	0.73	0.80	0.73	1.08	0.68	4
181	☐	1170	4.00	122.87	0.73	47.86	Free Surface	0 - 10:06 hrs	5.23	5.27	0.39	0.68	75.02	2.30	4.00	0.00	0.00	0.00	0.00	0.00	3
182	☐	1171	4.00	34.64	0.06	47.74	Free Surface	0 - 10:04 hrs	5.11	5.23	1.38	0.70	-13.10	2.30	4.00	0.00	0.00	0.00	0.27	0.00	3
183	☐	1172	4.00	88.54	0.38	48.01	Free Surface	0 - 10:04 hrs	4.79	4.81	0.54	0.75	40.53	2.31	4.00	0.00	0.00	0.00	0.00	0.00	3
184	☐	1173	3.50	54.68	0.30	54.96	Backwater	0 - 00:02 hrs	6.43	6.43	1.01	1.00	-0.29	4.95	3.02	23.93	23.93	23.95	0.00	0.00	70
185	☐	1174	3.50	46.77	0.22	44.82	Backwater	0 - 00:04 hrs	5.34	5.35	0.96	1.00	1.95	4.98	3.02	23.89	23.89	23.93	0.00	0.00	63
186	☐	1175	3.50	42.09	0.17	38.25	Backwater	0 - 10:38 hrs	3.98	4.99	0.91	1.00	3.83	5.00	3.31	23.80	23.80	23.89	0.00	0.08	61
187	☐	1176	2.50	4.10	0.01	23.20	ceeds Capac	0 - 00:03 hrs	19.08	19.08	5.66	1.00	-19.10	1.75	0.98	23.94	23.94	23.94	3.76	9.37	82
188	☐	1177	1.50	12.06	1.76	11.23	Backwater	0 - 09:55 hrs	6.36	6.39	0.93	1.00	0.83	1.75	0.59	2.80	2.80	23.94	0.00	0.00	49
189	☐	1178	3.50	72.20	0.51	49.78	Backwater	0 - 09:59 hrs	5.17	5.17	0.69	1.00	22.42	4.45	3.50	1.15	1.15	2.13	0.00	0.00	13
190	☐	1179	3.50	44.87	0.20	49.83	ceeds Capac	0 - 09:59 hrs	5.18	5.18	1.11	1.00	-4.96	4.42	3.50	3.50	3.50	5.81	0.31	0.35	34
191	☐	118	3.50	35.90	0.13	43.45	ceeds Capac	0 - 10:08 hrs	4.52	4.52	1.21	1.00	-7.55	2.84	3.50	0.48	0.48	0.48	0.40	0.33	2
192	☐	1180	3.50	32.30	0.10	49.78	ceeds Capac	0 - 09:59 hrs	5.17	5.17	1.54	1.00	-17.48	4.44	3.47	2.13	2.13	2.68	0.78	0.81	19
193	☐	1181	2.25	15.75	0.26	19.41	ceeds Capac	0 - 09:59 hrs	4.88	4.88	1.23	1.00	-3.66	1.89	2.25	0.89	0.89	0.94	0.66	0.66	6
194	☐	1182	3.00	48.68	0.53	37.55	Backwater	0 - 10:14 hrs	5.31	5.31	0.77	1.00	11.13	3.87	3.00	1.09	1.09	1.33	0.00	0.00	8
195	☐	1183	2.25	17.28	0.31	19.40	ceeds Capac	0 - 09:59 hrs	4.88	4.88	1.12	1.00	-2.12	1.89	2.25	0.95	0.95	1.02	0.53	0.53	6
196	☐	1184	2.25	10.66	0.12	20.47	ceeds Capac	0 - 09:52 hrs	5.15	5.15	1.92	1.00	-9.80	1.98	2.25	1.23	1.23	1.26	1.09	1.05	6

EXISTING CONDITIONS 5-YR 24-HR CONDUITS

		ID	Full Depth (ft)	Full Flow (cfs)	Percent Slope (%)	Maximum Flow (cfs)	Maximum Flow Class	Max.Flow Day-Time (day-time)	Velocity at Maximum Flow (ft/s)	Maximum Velocity (ft/s)	Max.Flow/Fu ll Flow	Max.Depth/F ull Depth	Reserve Capacity (cfs)	Total Flow Volume (MG)	Maximum Top Width (ft)	Both End Surcharge Time (hrs)	Upstream Surcharge Time (hrs)	Downstream Surcharge Time (hrs)	Above Full-Flow Time (hrs)	Capacity Limited Time (hrs)	Instability Index
197	☐	1185	2.25	35.31	1.30	22.54	Backwater	0 - 10:06 hrs	5.67	5.67	0.64	1.00	12.77	1.81	2.25	0.90	0.90	1.20	0.00	0.00	4
198	☐	1186	2.25	14.12	0.21	17.11	ceeds Capac	0 - 09:52 hrs	4.30	4.30	1.21	1.00	-2.99	1.70	2.25	1.18	1.18	1.24	0.40	0.47	7
199	☐	1187	3.50	46.31	0.21	38.28	Backwater	0 - 10:38 hrs	3.98	4.32	0.83	1.00	8.03	5.02	3.50	23.17	23.17	23.80	0.00	0.01	60
200	☐	1188	2.75	27.64	0.27	96.87	Backwater	0 - 00:00 hrs	16.31	16.31	3.50	1.00	-69.23	1.70	1.08	24.00	24.00	24.00	0.05	0.00	66
201	☐	1189	2.75	48.02	0.82	86.03	ceeds Capac	0 - 00:00 hrs	14.75	14.75	1.79	1.00	-38.01	1.70	1.08	23.99	24.00	23.99	0.01	0.12	65
202	☐	119	3.50	43.26	0.18	25.65	Backwater	0 - 10:03 hrs	2.67	3.06	0.59	1.00	17.61	1.24	3.50	0.29	0.29	0.36	0.00	0.01	1
203	☐	1190	2.75	27.01	0.26	49.11	Backwater	0 - 00:01 hrs	8.39	8.58	1.82	1.00	-22.10	1.70	1.08	23.97	23.97	23.99	0.04	0.00	56
204	☐	1191	1.00	4.27	1.91	4.73	Backwater	0 - 00:03 hrs	6.60	7.63	1.11	1.00	-0.46	0.00	0.39	23.95	23.95	23.96	0.00	0.01	70
205	☐	1192	2.75	27.64	0.27	44.69	Backwater	0 - 00:01 hrs	8.37	9.52	1.62	1.00	-17.05	1.72	2.03	23.97	23.97	23.97	0.03	0.01	73
206	☐	1193	2.75	34.68	0.43	37.21	Backwater	0 - 00:02 hrs	6.92	8.78	1.07	1.00	-2.53	1.72	1.94	23.95	23.95	23.97	0.01	0.00	75
207	☐	1194	2.50	14.81	0.13	27.15	Backwater	0 - 00:03 hrs	6.07	6.07	1.83	1.00	-12.33	1.74	1.84	23.94	23.94	23.95	0.02	0.05	63
208	☐	1195	1.75	9.22	0.45	13.01	ceeds Capac	0 - 09:52 hrs	5.41	5.41	1.41	1.00	-3.79	1.05	1.75	0.61	0.63	0.66	0.59	0.55	3
209	☐	1196	2.25	19.97	0.55	11.46	Backwater	0 - 10:15 hrs	2.88	4.83	0.57	1.00	8.51	1.05	2.25	0.60	0.60	0.78	0.00	0.00	6
210	☐	1197	2.25	13.24	0.24	12.24	Backwater	0 - 09:52 hrs	4.42	4.57	0.92	1.00	1.00	1.06	2.25	0.57	0.57	0.60	0.00	0.12	5
211	☐	1198	2.00	12.26	0.39	11.88	Backwater	0 - 10:03 hrs	3.78	3.78	0.97	1.00	0.39	0.09	2.00	0.80	0.80	0.82	0.00	0.04	4
212	☐	1199	2.00	16.04	0.50	9.85	Backwater	0 - 10:23 hrs	3.13	5.00	0.61	1.00	6.19	0.96	2.00	0.82	0.82	0.84	0.00	0.02	5
213	☐	12	2.00	16.00	0.50	25.20	Free Surface	0 - 10:15 hrs	8.17	8.17	1.58	0.95	-9.21	2.26	2.00	0.00	0.75	0.00	0.86	0.00	0
214	☐	120	4.50	214.91	1.19	250.92	ceeds Capac	0 - 09:57 hrs	15.89	17.26	1.17	1.00	-36.01	37.06	4.50	1.48	1.48	1.50	1.47	1.37	10
215	☐	1200	2.00	6.20	0.08	20.07	ceeds Capac	0 - 09:59 hrs	6.39	6.39	3.24	1.00	-13.87	0.92	2.00	0.13	0.31	0.13	0.72	0.13	0
216	☐	1201	3.50	110.35	1.20	20.47	Backwater	0 - 09:59 hrs	2.13	2.13	0.19	1.00	89.88	0.91	3.50	19.54	19.54	20.91	0.00	0.00	3
217	☐	1202	3.75	38.39	0.10	32.32	Free Surface	0 - 10:04 hrs	3.78	3.98	0.84	0.74	6.08	1.50	3.75	0.00	0.00	0.00	0.00	0.00	3
218	☐	1203	4.00	55.30	0.15	1.55	Free Surface	0 - 09:59 hrs	0.23	1.34	0.03	0.69	53.75	0.00	4.00	0.00	0.00	0.00	0.00	0.00	4
219	☐	1204	4.00	31.76	0.05	31.85	Free Surface	0 - 10:07 hrs	2.83	2.83	1.00	0.84	-0.10	1.49	4.00	0.00	0.00	0.00	0.01	0.00	4
220	☐	1205	3.50	48.54	0.23	33.77	Backwater	0 - 10:03 hrs	3.51	3.51	0.70	1.00	14.77	1.50	3.50	0.30	0.30	0.31	0.00	0.05	0
221	☐	1206	3.75	37.29	0.10	33.03	Free Surface	0 - 10:04 hrs	3.94	4.17	0.89	0.71	4.26	1.50	3.75	0.00	0.00	0.00	0.00	0.00	0
222	☐	1207	3.00	81.73	1.50	32.69	Backwater	0 - 10:03 hrs	4.62	4.62	0.40	1.00	49.04	1.50	3.00	0.39	0.39	0.52	0.00	0.00	5
223	☐	1208	2.50	23.19	0.32	36.42	Free Surface	0 - 09:59 hrs	7.77	7.77	1.57	0.91	-13.23	1.57	2.50	0.00	0.12	0.00	0.26	0.00	0
224	☐	1209	2.50	17.18	0.18	22.42	ceeds Capac	0 - 09:38 hrs	4.61	5.27	1.31	1.00	-5.25	4.69	2.50	1.97	1.98	1.97	2.59	1.06	18
225	☐	121	3.33	59.57	0.45	48.38	Backwater	0 - 00:00 hrs	5.76	5.85	0.81	1.00	11.18	2.14	1.98	0.01	0.01	24.00	0.00	0.01	2
226	☐	1210	2.50	24.19	0.35	21.51	Backwater	0 - 09:40 hrs	4.38	4.95	0.89	1.00	2.69	4.69	2.50	1.97	1.97	2.31	0.00	0.01	17
227	☐	1211	2.50	22.03	0.29	21.61	Backwater	0 - 09:40 hrs	4.40	4.51	0.98	1.00	0.42	4.69	2.50	2.31	2.31	2.38	0.00	0.70	20
228	☐	1212	2.50	18.92	0.21	21.73	ceeds Capac	0 - 09:40 hrs	4.43	4.68	1.15	1.00	-2.81	4.69	2.50	2.38	2.38	2.42	1.58	1.31	21
229	☐	1213	2.50	31.06	0.57	21.83	Backwater	0 - 09:40 hrs	4.45	4.45	0.70	1.00	9.23	4.69	2.50	2.58	2.58	2.80	0.00	0.05	22
230	☐	1214	2.50	11.69	0.08	21.91	ceeds Capac	0 - 09:40 hrs	4.46	4.46	1.87	1.00	-10.21	4.68	2.50	2.75	2.84	2.75	4.04	2.69	22
231	☐	1215	2.50	13.72	0.11	21.96	ceeds Capac	0 - 09:40 hrs	4.47	4.47	1.60	1.00	-8.25	4.68	2.50	2.63	2.75	2.63	3.42	2.58	20
232	☐	1216	2.50	17.29	0.18	21.96	ceeds Capac	0 - 09:40 hrs	4.47	4.47	1.27	1.00	-4.67	4.68	2.50	2.91	2.91	2.94	2.55	2.10	21
233	☐	1217	2.00	1.96	0.01	11.64	Backwater	0 - 09:52 hrs	3.71	3.71	5.94	1.00	-9.68	0.88	2.00	1.92	1.92	1.92	3.62	0.39	18
234	☐	1218	2.50	19.38	0.22	35.73	ceeds Capac	0 - 09:59 hrs	7.28	7.28	1.84	1.00	-16.34	5.92	2.50	2.76	2.81	2.76	2.96	2.74	17
235	☐	1219	2.25	56.33	3.31	17.60	Backwater	0 - 09:59 hrs	4.43	5.75	0.31	1.00	38.73	1.24	2.25	1.81	1.81	1.86	0.00	0.12	12
236	☐	1220	2.00	14.20	0.39	39.63	Backwater	0 - 00:00 hrs	12.62	12.62	2.79	1.00	-25.44	0.47	0.78	24.00	24.00	24.00	0.01	0.01	1
237	☐	1221	2.00	18.25	0.65	22.63	Backwater	0 - 00:00 hrs	7.48	7.48	1.24	1.00	-4.38	0.47	0.78	0.48	0.48	23.99	0.00	0.00	1
238	☐	1222	2.00	21.05	0.87	11.90	Backwater	0 - 09:59 hrs	3.79	3.79	0.57	1.00	9.15	0.48	1.92	0.20	0.20	4.03	0.00	0.00	4
239	☐	1224	3.00	43.00	0.42	36.48	Free Surface	0 - 10:00 hrs	5.31	5.31	0.85	0.94	6.53	1.56	2.52	0.00	0.00	24.00	0.00	0.00	0
240	☐	1225	2.50	55.84	1.85	36.40	Free Surface	0 - 09:59 hrs	8.90	8.98	0.65	0.78	19.44	1.57	2.50	0.00	0.00	0.00	0.00	0.00	0
241	☐	1226	2.50	28.47	0.48	17.50	Backwater	0 - 09:59 hrs	3.56	4.53	0.61	1.00	10.98	0.80	2.50	0.08	0.08	0.19	0.00	0.00	0
242	☐	1227	2.50	30.66	0.56	32.85	ceeds Capac	0 - 09:59 hrs	6.69	6.69	1.07	1.00	-2.18	1.49	2.50	0.20	0.20	0.35	0.10	0.09	0
243	☐	1228	3.00	37.44	0.32	32.93	Backwater	0 - 09:59 hrs	4.66	4.66	0.88	1.00	4.51	1.48	3.00	0.21	0.21	0.40	0.00	0.00	2
244	☐	1229	4.00	244.39	2.89	73.79	Backwater	0 - 10:03 hrs	5.87	5.87	0.30	1.00	170.59	3.73	4.00	0.40	0.40	20.07	0.00	0.00	4
245	☐	1230	3.50	19.10	0.04	46.74	ceeds Capac	0 - 09:59 hrs	4.86	4.86	2.45	1.00	-27.64	2.75	3.50	19.86	19.86	19.88	0.86	7.14	72

EXISTING CONDITIONS 5-YR 24-HR CONDUITS

		ID	Full Depth (ft)	Full Flow (cfs)	Percent Slope (%)	Maximum Flow (cfs)	Maximum Flow Class	Max.Flow Day-Time (day-time)	Velocity at Maximum Flow (ft/s)	Maximum Velocity (ft/s)	Max.Flow/Fu ll Flow	Max.Depth/F ull Depth	Reserve Capacity (cfs)	Total Flow Volume (MG)	Maximum Top Width (ft)	Both End Surcharge Time (hrs)	Upstream Surcharge Time (hrs)	Downstream Surcharge Time (hrs)	Above Full-Flow Time (hrs)	Capacity Limited Time (hrs)	Instability Index
246	☐	1231	3.00	7.85	0.01	16.44	ceeds Capac	0 - 10:06 hrs	2.33	2.33	2.09	1.00	-8.59	0.83	3.00	19.90	19.91	19.91	0.52	5.81	74
247	☐	1232	3.25	36.17	0.19	31.04	Backwater	0 - 09:59 hrs	3.74	3.74	0.86	1.00	5.13	1.94	3.25	19.47	19.47	19.89	0.00	0.00	47
248	☐	1234	2.00	13.29	0.35	20.51	ceeds Capac	0 - 10:12 hrs	6.53	6.53	1.54	1.00	-7.22	1.49	2.00	0.65	0.65	0.72	0.59	0.57	2
249	☐	1235	2.50	17.21	0.18	20.52	ceeds Capac	0 - 10:12 hrs	4.18	4.18	1.19	1.00	-3.30	1.48	2.50	0.55	0.55	0.60	0.40	0.32	3
250	☐	1236	3.50	73.09	0.53	79.73	Backwater	0 - 00:00 hrs	8.30	8.30	1.09	1.00	-6.64	4.23	1.37	23.99	23.99	24.00	0.01	0.00	40
251	☐	1237	2.00	10.93	0.23	13.20	ceeds Capac	0 - 09:49 hrs	4.22	4.32	1.21	1.00	-2.26	1.90	2.00	2.00	2.00	2.41	0.06	0.02	9
252	☐	1238	2.00	10.01	0.20	11.62	ceeds Capac	0 - 09:52 hrs	3.70	3.70	1.16	1.00	-1.61	0.88	2.00	1.87	1.87	2.18	0.19	0.19	9
253	☐	1239	2.00	7.22	0.10	14.00	ceeds Capac	0 - 09:37 hrs	4.46	4.46	1.94	1.00	-6.78	2.33	2.00	3.16	3.21	3.16	3.32	1.94	19
254	☐	1240	2.00	7.44	0.11	16.15	ceeds Capac	0 - 09:59 hrs	5.14	5.14	2.17	1.00	-8.71	2.93	2.00	3.07	3.08	3.07	3.91	2.51	25
255	☐	1241	1.50	2.64	0.08	3.61	Backwater	0 - 10:21 hrs	2.04	2.04	1.37	1.00	-0.97	0.37	1.50	3.08	3.08	3.10	0.81	1.19	29
256	☐	1242	2.50	18.44	0.20	25.71	ceeds Capac	0 - 10:03 hrs	5.24	5.24	1.39	1.00	-7.27	4.75	2.50	2.14	2.14	2.18	2.23	1.90	14
257	☐	1244	2.00	7.13	0.10	13.99	ceeds Capac	0 - 09:37 hrs	4.45	4.45	1.96	1.00	-6.85	2.33	2.00	2.62	3.16	2.62	3.35	1.59	7
258	☐	1245	2.00	7.24	0.10	13.99	ceeds Capac	0 - 09:37 hrs	4.45	4.45	1.93	1.00	-6.75	2.33	2.00	2.59	2.62	2.59	3.32	1.47	14
259	☐	1246	2.50	11.78	0.08	22.80	ceeds Capac	0 - 09:38 hrs	4.71	4.71	1.94	1.00	-11.02	4.69	2.50	1.94	2.22	1.94	4.01	1.94	14
260	☐	1247	2.50	18.24	0.20	25.72	ceeds Capac	0 - 10:04 hrs	5.24	5.24	1.41	1.00	-7.47	4.75	2.50	2.18	2.18	2.22	2.29	1.96	12
261	☐	1248	2.00	7.14	0.10	16.17	ceeds Capac	0 - 09:59 hrs	5.15	5.15	2.26	1.00	-9.03	2.93	2.00	3.21	3.25	3.21	3.95	3.17	23
262	☐	1249	2.00	10.41	0.21	16.15	ceeds Capac	0 - 09:59 hrs	5.14	5.14	1.55	1.00	-5.74	2.93	2.00	3.07	3.07	3.18	2.33	2.37	22
263	☐	125	4.00	147.75	1.06	73.27	Free Surface	0 - 00:01 hrs	8.20	8.29	0.50	0.87	74.49	2.26	3.52	0.00	0.00	23.98	0.00	0.00	27
264	☐	1250	2.00	7.99	0.12	9.60	ceeds Capac	0 - 11:06 hrs	3.06	3.06	1.20	1.00	-1.61	1.81	2.00	2.92	2.92	2.99	0.92	1.00	16
265	☐	1251	2.00	10.75	0.23	8.37	Backwater	0 - 10:11 hrs	2.67	2.72	0.78	1.00	2.37	1.48	2.00	2.39	2.39	2.74	0.00	0.00	8
266	☐	1252	2.00	10.15	0.20	8.79	Backwater	0 - 10:27 hrs	2.80	2.90	0.87	1.00	1.36	0.95	2.00	3.08	3.08	3.83	0.00	0.00	14
267	☐	1253	2.00	12.35	0.30	12.40	ceeds Capac	0 - 10:22 hrs	3.95	3.95	1.00	1.00	-0.05	1.39	0.99	23.90	23.90	23.90	0.59	0.80	66
268	☐	1254	2.00	12.39	0.30	10.45	Backwater	0 - 00:05 hrs	4.33	4.52	0.84	1.00	1.94	1.27	1.92	23.90	23.90	23.90	0.00	1.49	74
269	☐	1255	2.00	12.35	0.30	17.14	Backwater	0 - 00:02 hrs	6.77	7.64	1.39	1.00	-4.79	1.23	1.76	23.96	23.96	23.96	0.03	0.27	67
270	☐	1256	2.00	12.34	0.30	21.22	Backwater	0 - 00:01 hrs	7.06	7.06	1.72	1.00	-8.88	1.21	2.00	23.98	23.98	23.98	0.04	0.01	62
271	☐	1257	2.00	12.44	0.30	32.24	Backwater	0 - 00:00 hrs	10.35	10.35	2.59	1.00	-19.81	1.20	0.78	23.99	23.99	23.99	0.05	0.02	59
272	☐	1258	2.00	12.39	0.30	22.78	Backwater	0 - 00:01 hrs	7.51	7.51	1.84	1.00	-10.39	1.20	0.78	23.98	23.98	23.99	0.04	0.00	59
273	☐	1259	2.00	18.21	0.65	17.77	Backwater	0 - 00:01 hrs	6.07	6.07	0.98	1.00	0.44	1.23	1.03	23.96	23.96	23.98	0.00	0.00	63
274	☐	126	4.00	57.15	0.16	47.72	Free Surface	0 - 10:07 hrs	6.13	6.13	0.83	0.61	9.43	2.28	4.00	0.00	0.00	0.00	0.00	0.00	3
275	☐	1260	2.00	12.39	0.30	15.01	Backwater	0 - 00:02 hrs	5.21	5.22	1.21	1.00	-2.61	1.24	1.78	23.95	23.95	23.96	0.02	0.13	68
276	☐	1261	2.00	12.44	0.30	13.45	Backwater	0 - 00:03 hrs	4.77	4.81	1.08	1.00	-1.01	1.24	1.19	23.93	23.93	23.95	0.01	0.01	66
277	☐	1262	2.00	11.64	0.26	15.34	Backwater	0 - 00:03 hrs	6.02	6.10	1.32	1.00	-3.71	1.24	1.93	23.92	23.93	23.93	0.02	6.10	68
278	☐	1263	2.00	12.43	0.30	11.11	Backwater	0 - 00:04 hrs	3.89	3.92	0.89	1.00	1.32	1.25	1.99	23.90	23.90	23.93	0.00	0.00	59
279	☐	1264	2.00	12.17	0.29	10.31	Backwater	0 - 00:06 hrs	3.65	4.15	0.85	1.00	1.86	1.27	1.86	23.90	23.90	23.90	0.00	0.77	68
280	☐	1265	2.00	11.23	0.25	9.85	Backwater	0 - 10:23 hrs	3.13	3.75	0.88	1.00	1.38	0.96	2.00	0.86	0.86	0.88	0.00	0.05	5
281	☐	1266	2.00	11.88	0.28	9.85	Backwater	0 - 10:23 hrs	3.14	3.14	0.83	1.00	2.02	0.96	2.00	0.90	0.90	0.93	0.00	0.01	4
282	☐	1267	2.00	6.81	0.09	12.31	ceeds Capac	0 - 10:03 hrs	3.92	3.92	1.81	1.00	-5.51	0.59	2.00	0.31	0.31	0.31	0.37	0.31	0
283	☐	1268	1.50	3.74	0.17	3.60	Backwater	0 - 10:22 hrs	2.04	2.04	0.96	1.00	0.14	0.37	1.50	3.08	3.08	3.59	0.00	0.06	15
284	☐	1269	1.50	6.86	0.57	1.85	Backwater	0 - 09:44 hrs	1.05	1.87	0.27	1.00	5.01	0.01	1.50	17.44	17.44	20.05	0.00	0.00	5
285	☐	127	4.00	36.90	0.07	47.72	Free Surface	0 - 10:07 hrs	5.04	5.04	1.29	0.71	-10.82	2.29	4.00	0.00	0.00	0.00	0.23	0.00	2
286	☐	1270	2.75	19.66	0.14	16.31	Backwater	0 - 10:02 hrs	2.75	2.75	0.83	1.00	3.35	1.66	2.75	15.25	15.25	16.45	0.00	0.00	48
287	☐	1271	2.75	30.79	0.34	16.31	Backwater	0 - 10:02 hrs	2.75	2.75	0.53	1.00	14.48	1.70	2.75	14.17	14.17	15.25	0.00	0.00	50
288	☐	1272	4.50	51.24	0.07	108.97	ceeds Capac	0 - 00:02 hrs	7.62	7.62	2.13	1.00	-57.73	5.97	4.32	23.92	23.92	23.95	0.60	0.56	60
289	☐	1273	2.00	11.34	0.25	12.77	ceeds Capac	0 - 10:08 hrs	4.07	4.07	1.13	1.00	-1.43	1.03	2.00	0.84	0.84	0.95	0.44	0.45	2
290	☐	1274	2.00	11.11	0.24	12.26	ceeds Capac	0 - 10:14 hrs	3.90	3.90	1.10	1.00	-1.14	1.02	2.00	1.03	1.03	1.78	0.45	0.45	5
291	☐	1275	2.00	14.59	0.42	12.26	Backwater	0 - 10:15 hrs	3.90	3.90	0.84	1.00	2.33	1.02	2.00	1.70	1.70	2.08	0.00	0.00	12
292	☐	1276	2.00	12.24	0.29	12.25	ceeds Capac	0 - 10:14 hrs	3.90	3.90	1.00	1.00	-0.02	1.02	2.00	2.06	2.06	2.37	0.38	0.05	12
293	☐	1277	2.00	12.05	0.28	9.05	Backwater	0 - 09:52 hrs	2.88	3.38	0.75	1.00	2.99	0.98	2.00	2.33	2.33	2.78	0.00	0.00	20
294	☐	1278	2.00	11.30	0.25	9.05	Backwater	0 - 10:12 hrs	2.88	2.88	0.80	1.00	2.25	0.98	2.00	2.84	2.84	3.11	0.00	0.00	21

EXISTING CONDITIONS 5-YR 24-HR CONDUITS

		ID	Full Depth (ft)	Full Flow (cfs)	Percent Slope (%)	Maximum Flow (cfs)	Maximum Flow Class	Max.Flow Day-Time (day-time)	Velocity at Maximum Flow (ft/s)	Maximum Velocity (ft/s)	Max.Flow/Fu ll Flow	Max.Depth/F ull Depth	Reserve Capacity (cfs)	Total Flow Volume (MG)	Maximum Top Width (ft)	Both End Surcharge Time (hrs)	Upstream Surcharge Time (hrs)	Downstream Surcharge Time (hrs)	Above Full-Flow Time (hrs)	Capacity Limited Time (hrs)	Instability Index
295	☐	1279	2.50	21.21	0.27	21.49	ceeds Capac	0 - 10:08 hrs	4.38	4.38	1.01	1.00	-0.28	1.88	2.50	3.72	3.72	4.13	0.23	0.26	21
296	☐	128	3.50	79.10	0.62	43.45	Backwater	0 - 10:08 hrs	4.52	4.52	0.55	1.00	35.66	2.84	3.50	0.48	0.48	0.52	0.00	0.04	2
297	☐	1280	2.00	10.70	0.22	11.03	ceeds Capac	0 - 09:30 hrs	3.51	3.51	1.03	1.00	-0.33	3.04	2.00	12.42	12.42	15.35	0.21	0.28	17
298	☐	1281	2.00	10.66	0.22	15.39	ceeds Capac	0 - 09:55 hrs	4.90	4.90	1.44	1.00	-4.73	3.34	2.00	5.37	5.37	12.42	3.02	3.02	15
299	☐	1282	3.50	35.35	0.35	20.55	Backwater	0 - 10:03 hrs	2.14	2.14	0.58	1.00	14.80	0.99	3.50	6.74	6.74	14.92	0.00	0.00	56
300	☐	1284	3.50	46.93	0.22	29.63	Backwater	0 - 10:55 hrs	3.08	3.08	0.63	1.00	17.30	9.42	3.50	18.74	18.74	19.31	0.00	0.00	17
301	☐	1285	3.50	174.31	3.00	40.60	Backwater	0 - 10:03 hrs	4.22	4.22	0.23	1.00	133.71	11.87	3.50	20.64	20.64	20.76	0.00	0.00	70
302	☐	1286	3.50	23.17	0.05	40.60	Backwater	0 - 10:03 hrs	4.22	4.22	1.75	1.00	-17.43	11.92	3.50	19.69	19.69	20.05	11.96	0.00	49
303	☐	1287	3.50	22.47	0.05	36.94	Backwater	0 - 12:49 hrs	3.84	3.84	1.64	1.00	-14.47	11.14	3.50	20.05	20.05	20.33	11.93	0.00	56
304	☐	1288	3.50	47.81	0.23	43.78	Backwater	0 - 12:48 hrs	4.55	4.55	0.92	1.00	4.03	12.90	3.50	20.05	20.05	20.33	0.00	0.48	72
305	☐	1289	3.50	186.41	3.43	43.80	Backwater	0 - 12:47 hrs	4.55	4.55	0.23	1.00	142.61	12.93	3.50	19.93	19.96	20.05	0.00	0.46	63
306	☐	129	3.50	81.58	0.66	100.97	ceeds Capac	0 - 10:04 hrs	10.49	10.49	1.24	1.00	-19.39	6.92	3.50	0.19	0.26	0.19	0.40	0.19	0
307	☐	1290	4.00	95.77	0.44	53.50	Backwater	0 - 09:56 hrs	4.26	4.26	0.56	1.00	42.26	5.87	4.00	15.16	15.19	15.29	0.00	0.13	66
308	☐	1291	4.00	141.86	0.98	53.57	Backwater	0 - 09:56 hrs	4.26	4.69	0.38	1.00	88.29	5.87	4.00	14.54	14.54	15.19	0.00	0.00	63
309	☐	1292	1.75	8.19	0.36	0.93	Backwater	0 - 09:45 hrs	0.39	0.39	0.11	1.00	7.25	0.00	1.75	14.18	14.18	14.37	0.00	0.00	58
310	☐	1293	4.00	66.23	0.21	53.55	Backwater	0 - 09:56 hrs	4.26	4.26	0.81	1.00	12.68	5.91	4.00	14.22	14.22	14.54	0.00	0.00	55
311	☐	1294	3.50	17.51	0.03	42.71	Backwater	0 - 09:56 hrs	4.44	4.44	2.44	1.00	-25.20	5.40	3.50	9.81	9.81	10.33	2.78	0.16	44
312	☐	1295	3.50	42.44	0.18	42.71	ceeds Capac	0 - 09:56 hrs	4.44	4.44	1.01	1.00	-0.26	5.43	3.50	6.13	6.13	10.33	0.00	0.03	38
313	☐	1296	3.50	56.14	0.31	33.97	Backwater	0 - 10:03 hrs	3.53	3.76	0.61	1.00	22.17	4.55	3.50	5.37	5.37	6.13	0.00	0.20	37
314	☐	1297	3.50	12.05	0.01	33.96	ceeds Capac	0 - 10:03 hrs	3.53	3.55	2.82	1.00	-21.91	4.56	3.50	5.24	5.24	5.37	3.64	3.10	34
315	☐	1298	2.00	14.92	0.43	13.75	Backwater	0 - 09:48 hrs	4.62	4.71	0.92	1.00	1.17	1.91	2.00	1.79	1.79	2.00	0.00	0.00	22
316	☐	1299	1.25	2.64	0.22	3.10	Backwater	0 - 09:56 hrs	2.53	2.53	1.17	1.00	-0.46	0.05	1.25	8.89	8.89	12.29	0.35	0.00	40
317	☐	13	2.50	29.00	0.50	25.20	Free Surface	0 - 10:15 hrs	5.72	6.03	0.87	0.84	3.80	2.26	2.50	0.00	0.00	0.00	0.00	0.00	0
318	☐	130	3.50	50.52	0.25	95.50	ceeds Capac	0 - 10:04 hrs	9.93	9.93	1.89	1.00	-44.98	6.27	3.50	0.26	0.52	0.26	0.72	0.26	1
319	☐	1300	1.75	4.95	0.13	6.53	ceeds Capac	0 - 09:51 hrs	3.29	3.33	1.32	1.00	-1.58	0.83	1.75	0.80	0.81	0.80	1.23	0.63	5
320	☐	1301	2.00	9.46	0.17	6.31	Backwater	0 - 10:41 hrs	2.01	2.49	0.67	1.00	3.15	0.83	2.00	0.78	0.78	0.89	0.00	0.01	6
321	☐	1302	2.25	14.75	0.23	20.86	ceeds Capac	0 - 09:56 hrs	5.27	5.29	1.41	1.00	-6.10	1.79	2.25	0.80	0.81	0.90	0.55	0.50	3
322	☐	1303	2.25	20.37	0.43	17.48	Backwater	0 - 10:15 hrs	4.40	5.79	0.86	1.00	2.89	1.78	2.25	1.04	1.04	1.58	0.00	0.00	6
323	☐	1304	2.75	45.08	0.73	23.21	Backwater	0 - 10:03 hrs	3.91	3.91	0.51	1.00	21.86	2.25	2.75	6.38	6.38	8.16	0.00	0.00	40
324	☐	1305	2.00	11.98	0.28	16.59	ceeds Capac	0 - 09:52 hrs	5.28	5.28	1.38	1.00	-4.61	2.33	2.00	2.60	2.60	9.94	0.80	0.74	8
325	☐	1306	2.00	12.53	0.31	22.21	ceeds Capac	0 - 10:04 hrs	7.07	7.07	1.77	1.00	-9.68	2.10	2.00	1.67	1.67	1.79	1.06	1.02	10
326	☐	1307	1.25	2.43	0.19	2.21	Backwater	0 - 10:26 hrs	1.80	1.80	0.91	1.00	0.23	0.21	1.25	1.68	1.68	2.06	0.00	0.01	4
327	☐	1308	1.25	2.56	0.21	2.25	Backwater	0 - 10:21 hrs	1.84	2.27	0.88	1.00	0.31	0.23	1.25	1.62	1.62	1.66	0.00	0.14	8
328	☐	1309	1.25	2.84	0.26	2.82	Backwater	0 - 09:53 hrs	2.30	2.30	0.99	1.00	0.02	0.24	1.25	1.51	1.51	1.68	0.00	0.00	12
329	☐	131	2.00	4.60	0.12	8.82	ceeds Capac	0 - 20:09 hrs	2.81	2.81	1.92	1.00	-4.22	4.65	2.00	22.63	22.65	22.63	21.79	21.69	76
330	☐	1310	1.00	0.87	0.08	2.84	Backwater	0 - 09:53 hrs	3.62	3.62	3.27	1.00	-1.97	0.24	1.00	1.54	1.54	1.56	1.91	0.15	16
331	☐	1311	3.25	41.10	0.25	57.84	Backwater	0 - 00:00 hrs	7.13	7.13	1.41	1.00	-16.74	3.00	1.27	23.98	23.98	23.99	0.01	0.10	57
332	☐	1312	3.25	50.49	0.37	43.95	Backwater	0 - 00:02 hrs	5.49	5.99	0.87	1.00	6.54	3.02	3.25	23.95	23.95	23.98	0.00	0.00	45
333	☐	1313	2.00	16.48	0.53	14.94	Backwater	0 - 10:15 hrs	4.76	4.76	0.91	1.00	1.54	1.25	1.97	1.03	1.03	23.97	0.00	0.00	45
334	☐	1314	2.00	11.47	0.26	14.95	ceeds Capac	0 - 10:15 hrs	4.76	4.76	1.30	1.00	-3.48	1.25	2.00	0.68	0.68	0.73	0.59	0.57	6
335	☐	1315	2.00	10.39	0.21	14.95	ceeds Capac	0 - 10:15 hrs	4.76	5.21	1.44	1.00	-4.56	1.25	2.00	0.52	0.53	0.52	0.64	0.47	4
336	☐	1316	2.00	16.71	0.55	15.50	Backwater	0 - 09:53 hrs	5.40	5.52	0.93	1.00	1.21	1.25	2.00	0.47	0.47	0.52	0.00	0.01	4
337	☐	1317	2.00	13.47	0.35	20.34	ceeds Capac	0 - 10:04 hrs	6.47	6.47	1.51	1.00	-6.87	1.30	2.00	0.45	0.45	0.46	0.44	0.40	1
338	☐	1318	2.00	13.92	0.38	14.95	ceeds Capac	0 - 10:15 hrs	4.76	4.76	1.07	1.00	-1.03	1.25	2.00	0.83	0.83	1.08	0.39	0.33	10
339	☐	1319	3.00	32.06	0.23	39.71	ceeds Capac	0 - 09:59 hrs	5.62	5.62	1.24	1.00	-7.65	3.04	2.86	23.93	23.93	23.96	0.44	0.45	36
340	☐	132	2.00	19.59	0.75	29.31	ceeds Capac	0 - 09:56 hrs	9.33	9.33	1.50	1.00	-9.72	1.61	2.00	0.53	0.53	0.63	0.19	0.21	2
341	☐	1320	3.00	36.83	0.30	13.84	Backwater	0 - 00:04 hrs	2.63	2.63	0.38	1.00	22.99	1.13	2.99	0.64	0.64	23.93	0.00	0.00	19
342	☐	1321	1.50	9.09	1.00	9.73	ceeds Capac	0 - 09:53 hrs	5.50	5.58	1.07	1.00	-0.64	0.77	1.50	0.82	0.82	9.23	0.04	0.04	3
343	☐	1322	2.25	17.94	0.34	9.73	Backwater	0 - 09:53 hrs	2.45	2.61	0.54	1.00	8.22	0.77	2.25	8.26	8.26	14.30	0.00	0.00	44

EXISTING CONDITIONS 5-YR 24-HR CONDUITS

		ID	Full Depth (ft)	Full Flow (cfs)	Percent Slope (%)	Maximum Flow (cfs)	Maximum Flow Class	Max.Flow Day-Time (day-time)	Velocity at Maximum Flow (ft/s)	Maximum Velocity (ft/s)	Max.Flow/Fu ll Flow	Max.Depth/F ull Depth	Reserve Capacity (cfs)	Total Flow Volume (MG)	Maximum Top Width (ft)	Both End Surcharge Time (hrs)	Upstream Surcharge Time (hrs)	Downstream Surcharge Time (hrs)	Above Full-Flow Time (hrs)	Capacity Limited Time (hrs)	Instability Index
344	☐	1323	2.25	19.78	0.41	16.97	Backwater	0 - 09:56 hrs	4.27	4.27	0.86	1.00	2.81	1.15	2.25	14.30	14.30	14.66	0.00	0.00	51
345	☐	1324	2.25	21.90	0.50	16.97	Backwater	0 - 09:56 hrs	4.27	4.27	0.77	1.00	4.94	1.14	2.25	14.66	14.66	15.75	0.00	0.00	52
346	☐	1326	2.00	10.08	0.20	15.21	ceeds Capac	0 - 09:55 hrs	4.84	4.84	1.51	1.00	-5.13	1.10	2.00	15.30	15.30	15.41	0.13	0.95	57
347	☐	1327	2.25	8.11	0.07	15.18	ceeds Capac	0 - 09:55 hrs	3.82	3.82	1.87	1.00	-7.07	1.10	2.25	15.40	15.40	15.55	0.86	0.99	50
348	☐	1328	2.25	10.37	0.11	15.15	ceeds Capac	0 - 09:55 hrs	3.81	3.81	1.46	1.00	-4.78	1.09	2.25	15.62	15.62	15.91	0.11	0.34	51
349	☐	1329	2.25	3.55	0.01	15.15	ceeds Capac	0 - 09:55 hrs	3.81	3.81	4.27	1.00	-11.60	0.04	2.25	15.91	15.91	15.93	3.64	5.67	41
350	☐	133	2.00	19.68	0.76	19.80	ceeds Capac	0 - 09:56 hrs	6.30	6.30	1.01	1.00	-0.13	1.17	2.00	0.50	0.50	0.53	0.00	0.01	1
351	☐	1330	2.25	15.46	0.25	23.94	Backwater	0 - 10:03 hrs	6.02	6.02	1.55	1.00	-8.48	0.60	2.25	15.93	15.93	16.24	1.38	0.03	55
352	☐	1331	2.75	11.26	0.05	17.78	ceeds Capac	0 - 10:00 hrs	2.99	2.99	1.58	1.00	-6.52	1.84	2.75	13.27	13.27	14.11	1.40	1.43	51
353	☐	1332	6.00	82.28	0.04	167.71	ceeds Capac	0 - 10:03 hrs	5.93	5.93	2.04	1.00	-85.43	21.49	6.00	13.96	13.96	14.14	2.17	2.21	44
354	☐	1333	2.00	7.74	0.12	13.38	ceeds Capac	0 - 09:52 hrs	4.26	4.26	1.73	1.00	-5.64	0.21	2.00	14.67	14.67	14.70	2.57	0.29	58
355	☐	1334	2.00	2.61	0.01	13.38	ceeds Capac	0 - 09:52 hrs	4.26	4.26	5.13	1.00	-10.77	1.14	2.00	14.42	14.44	14.42	4.03	4.52	36
356	☐	1335	2.00	33.97	2.25	13.40	Backwater	0 - 09:52 hrs	4.26	4.26	0.39	1.00	20.57	1.11	2.00	14.42	14.42	14.67	0.00	0.00	44
357	☐	1336	3.50	33.99	0.11	37.82	Backwater	0 - 09:56 hrs	4.04	4.32	1.11	1.00	-3.83	2.00	3.50	1.79	1.79	3.54	0.02	0.00	11
358	☐	1337	3.00	29.83	0.20	13.38	Backwater	0 - 09:52 hrs	1.89	1.89	0.45	1.00	16.45	1.17	3.00	15.58	15.58	20.50	0.00	0.00	57
359	☐	1338	3.00	18.98	0.08	9.45	Backwater	0 - 09:51 hrs	1.34	1.34	0.50	1.00	9.53	0.79	3.00	15.40	15.40	16.63	0.00	0.36	67
360	☐	1339	2.25	12.40	0.16	11.27	Backwater	0 - 09:59 hrs	2.83	2.83	0.91	1.00	1.13	0.49	2.25	16.84	16.84	20.13	0.00	0.04	72
361	☐	134	2.00	19.76	0.76	20.31	ceeds Capac	0 - 10:03 hrs	6.47	6.97	1.03	1.00	-0.55	1.18	2.00	0.44	0.44	0.50	0.21	0.21	1
362	☐	1340	4.50	78.27	0.16	74.32	Backwater	0 - 11:03 hrs	4.67	6.24	0.95	1.00	3.95	13.22	4.50	2.26	2.26	2.54	0.00	0.02	13
363	☐	1341	2.75	9.21	0.03	23.47	Backwater	0 - 10:14 hrs	3.95	3.95	2.55	1.00	-14.26	1.58	2.75	1.25	1.25	1.28	1.47	0.11	13
364	☐	1342	2.75	18.01	0.12	23.45	ceeds Capac	0 - 10:14 hrs	3.95	4.24	1.30	1.00	-5.43	1.58	2.75	1.25	1.25	1.31	0.54	0.61	9
365	☐	1343	2.75	33.38	0.40	23.44	Backwater	0 - 10:14 hrs	3.95	5.02	0.70	1.00	9.95	1.57	2.75	1.31	1.31	1.46	0.00	0.00	12
366	☐	1344	2.75	29.23	0.31	23.44	Backwater	0 - 10:14 hrs	3.95	3.95	0.80	1.00	5.79	1.58	2.75	1.46	1.46	1.87	0.00	0.00	10
367	☐	1345	2.00	8.42	0.14	22.72	ceeds Capac	0 - 09:57 hrs	7.23	7.41	2.70	1.00	-14.30	1.18	2.00	1.09	1.16	1.11	0.83	0.69	7
368	☐	1347	2.00	12.88	0.32	22.71	ceeds Capac	0 - 09:57 hrs	7.23	7.23	1.76	1.00	-9.83	1.18	2.00	0.99	0.99	1.08	0.31	0.28	6
369	☐	1348	2.00	9.93	0.19	22.72	ceeds Capac	0 - 09:57 hrs	7.23	7.23	2.29	1.00	-12.79	1.18	2.00	1.12	1.13	1.12	0.63	0.57	8
370	☐	1349	3.50	37.54	0.14	29.57	Backwater	0 - 10:04 hrs	3.07	3.07	0.79	1.00	7.97	1.50	3.50	3.54	3.54	4.41	0.00	0.04	24
371	☐	135	4.50	75.08	0.15	102.63	ceeds Capac	0 - 10:18 hrs	6.45	6.45	1.37	1.00	-27.55	12.64	4.50	1.94	1.94	2.16	0.96	0.97	11
372	☐	1350	3.50	41.60	0.17	27.75	Backwater	0 - 09:56 hrs	2.88	2.88	0.67	1.00	13.85	2.17	3.50	6.36	6.36	10.35	0.00	0.00	27
373	☐	1351	5.50	66.34	0.04	124.15	ceeds Capac	0 - 10:03 hrs	5.23	5.23	1.87	1.00	-57.81	10.45	5.50	13.59	13.59	14.17	1.08	1.18	51
374	☐	1352	4.50	89.94	0.21	83.27	Backwater	0 - 10:15 hrs	5.24	6.75	0.93	1.00	6.67	8.60	4.50	1.29	1.29	1.88	0.00	0.00	6
375	☐	1353	1.50	3.44	0.14	7.33	ceeds Capac	0 - 10:03 hrs	4.15	4.15	2.13	1.00	-3.88	0.00	1.50	2.67	2.67	2.74	1.19	0.10	22
376	☐	1354	4.50	84.25	0.18	121.83	ceeds Capac	0 - 10:03 hrs	7.66	7.66	1.45	1.00	-37.58	14.14	4.50	2.16	2.16	2.26	0.89	0.99	16
377	☐	1356	4.50	62.68	0.10	66.74	ceeds Capac	0 - 09:56 hrs	4.28	4.52	1.06	1.00	-4.06	7.77	4.50	1.50	1.50	1.69	0.06	0.05	8
378	☐	1357	4.00	39.83	0.08	78.34	ceeds Capac	0 - 09:57 hrs	6.23	6.24	1.97	1.00	-38.51	7.27	4.00	1.57	1.59	1.59	1.47	1.27	9
379	☐	1358	1.75	6.77	0.24	14.21	ceeds Capac	0 - 09:56 hrs	5.91	5.91	2.10	1.00	-7.43	1.44	1.75	1.26	1.51	1.26	1.79	1.26	5
380	☐	1359	1.00	1.18	0.14	2.88	ceeds Capac	0 - 09:56 hrs	3.66	3.66	2.45	1.00	-1.70	0.59	1.00	1.90	3.46	1.90	5.00	1.90	4
381	☐	136	4.50	73.65	0.14	84.86	ceeds Capac	0 - 09:59 hrs	5.34	5.34	1.15	1.00	-11.22	8.83	4.50	1.69	1.69	1.94	0.21	0.20	9
382	☐	1361	2.50	14.57	0.13	34.00	ceeds Capac	0 - 09:56 hrs	6.93	6.93	2.33	1.00	-19.43	2.86	2.50	1.91	1.91	2.15	1.51	1.50	7
383	☐	1362	2.50	26.49	0.42	15.89	Backwater	0 - 09:52 hrs	3.87	3.87	0.60	1.00	10.60	1.82	2.50	1.15	1.15	1.75	0.00	0.00	6
384	☐	1363	2.00	11.92	0.28	10.60	Backwater	0 - 09:55 hrs	3.64	4.05	0.89	1.00	1.31	0.78	2.00	0.80	0.80	1.17	0.00	0.00	1
385	☐	1364	2.25	21.00	0.46	12.51	Backwater	0 - 09:59 hrs	3.15	4.43	0.60	1.00	8.50	0.55	2.25	0.88	0.88	1.06	0.00	0.00	9
386	☐	1367	1.50	4.11	0.20	8.48	ceeds Capac	0 - 09:48 hrs	4.80	4.80	2.07	1.00	-4.38	1.00	1.50	1.27	1.38	1.27	1.58	1.00	3
387	☐	1368	2.00	10.39	0.21	11.93	ceeds Capac	0 - 09:56 hrs	3.80	3.80	1.15	1.00	-1.55	0.81	2.00	1.32	1.32	1.43	0.25	0.23	9
388	☐	1369	2.00	11.27	0.25	11.93	ceeds Capac	0 - 09:56 hrs	3.80	4.07	1.06	1.00	-0.66	0.81	2.00	1.19	1.19	1.32	0.18	0.11	9
389	☐	137	3.50	24.89	0.06	29.15	Backwater	0 - 09:56 hrs	3.03	4.33	1.17	1.00	-4.26	1.97	3.50	2.91	2.92	2.93	0.00	0.80	17
390	☐	1370	2.00	10.12	0.20	5.35	Backwater	0 - 09:56 hrs	2.18	2.62	0.53	1.00	4.77	0.30	2.00	1.03	1.03	1.13	0.00	0.00	10
391	☐	1371	2.00	18.29	0.65	13.07	Backwater	0 - 09:56 hrs	4.64	4.96	0.71	1.00	5.22	0.81	2.00	1.13	1.13	1.19	0.00	0.02	10
392	☐	1372	1.25	3.95	0.50	6.15	ceeds Capac	0 - 09:56 hrs	5.04	5.06	1.56	1.00	-2.20	0.30	1.25	0.83	0.87	1.20	0.06	0.01	5

EXISTING CONDITIONS 5-YR 24-HR CONDUITS

		ID	Full Depth (ft)	Full Flow (cfs)	Percent Slope (%)	Maximum Flow (cfs)	Maximum Flow Class	Max.Flow Day-Time (day-time)	Velocity at Maximum Flow (ft/s)	Maximum Velocity (ft/s)	Max.Flow/Fu ll Flow	Max.Depth/F ull Depth	Reserve Capacity (cfs)	Total Flow Volume (MG)	Maximum Top Width (ft)	Both End Surcharge Time (hrs)	Upstream Surcharge Time (hrs)	Downstream Surcharge Time (hrs)	Above Full-Flow Time (hrs)	Capacity Limited Time (hrs)	Instability Index
393	☐	1373	1.25	6.47	1.34	6.15	Backwater	0 - 09:56 hrs	5.01	5.01	0.95	1.00	0.32	0.30	1.25	0.87	0.87	1.31	0.00	0.00	9
394	☐	1374	1.25	4.12	0.54	6.15	ceeds Capac	0 - 09:56 hrs	5.01	5.01	1.49	1.00	-2.03	0.30	1.25	0.95	0.95	1.31	0.07	0.07	8
395	☐	1376	3.00	37.78	0.32	44.56	ceeds Capac	0 - 09:57 hrs	6.30	6.30	1.18	1.00	-6.77	4.43	3.00	1.42	1.42	1.82	0.04	0.03	5
396	☐	1377	3.00	35.29	0.28	29.49	Backwater	0 - 09:56 hrs	4.62	4.86	0.84	1.00	5.80	3.13	3.00	0.99	0.99	1.38	0.00	0.00	3
397	☐	1378	3.00	43.47	0.42	38.14	Backwater	0 - 10:03 hrs	5.40	5.43	0.88	1.00	5.33	3.17	3.00	0.95	0.95	1.05	0.00	0.00	7
398	☐	1379	1.75	5.55	0.16	7.31	Backwater	0 - 09:56 hrs	3.10	3.14	1.32	1.00	-1.76	0.00	1.75	0.85	0.85	1.03	0.00	0.01	7
399	☐	138	5.50	66.34	0.04	131.64	ceeds Capac	0 - 10:11 hrs	5.54	5.54	1.98	1.00	-65.30	18.91	5.50	14.17	14.17	14.19	2.40	2.38	15
400	☐	1381	2.00	10.55	0.22	14.21	ceeds Capac	0 - 09:56 hrs	4.52	4.52	1.35	1.00	-3.66	1.44	2.00	1.40	1.40	1.43	0.36	0.62	10
401	☐	1382	1.50	7.76	0.73	8.97	Backwater	0 - 09:48 hrs	5.07	5.07	1.16	1.00	-1.21	0.87	1.50	1.23	1.23	1.25	0.14	0.13	8
402	☐	1383	2.00	6.08	0.07	8.88	ceeds Capac	0 - 10:00 hrs	3.09	3.46	1.46	1.00	-2.80	0.41	2.00	0.84	0.84	0.94	0.20	0.16	5
403	☐	1384	6.00	429.48	1.03	158.01	Backwater	0 - 10:03 hrs	5.59	5.59	0.37	1.00	271.47	19.92	6.00	14.14	14.14	14.41	0.00	0.00	60
404	☐	1385	5.50	105.13	0.10	121.90	ceeds Capac	0 - 10:03 hrs	5.13	5.13	1.16	1.00	-16.77	10.42	5.50	10.67	10.67	13.59	0.29	0.32	46
405	☐	1386	3.75	46.36	0.15	51.55	ceeds Capac	0 - 10:07 hrs	4.67	4.75	1.11	1.00	-5.19	6.17	3.75	1.50	1.50	1.88	0.29	0.28	9
406	☐	1387	3.50	22.38	0.05	53.07	ceeds Capac	0 - 09:56 hrs	5.52	5.54	2.37	1.00	-30.69	6.18	3.50	1.59	1.72	1.59	2.59	1.59	9
407	☐	1388	3.50	21.29	0.04	31.50	ceeds Capac	0 - 10:15 hrs	3.27	3.27	1.48	1.00	-10.21	4.86	3.50	1.71	1.79	1.71	2.07	1.68	5
408	☐	1389	1.25	3.43	0.38	3.64	Backwater	0 - 09:59 hrs	2.97	2.97	1.06	1.00	-0.21	0.01	1.25	0.65	0.65	0.98	0.00	0.00	2
409	☐	139	5.50	78.57	0.05	121.90	ceeds Capac	0 - 10:03 hrs	5.13	5.13	1.55	1.00	-43.34	10.51	5.50	9.31	9.31	10.67	0.76	0.79	37
410	☐	1390	2.00	6.38	0.08	6.82	Backwater	0 - 10:03 hrs	2.17	2.31	1.07	1.00	-0.45	0.16	2.00	0.68	0.68	0.77	0.04	0.01	3
411	☐	1391	1.75	3.67	0.07	7.64	Backwater	0 - 10:08 hrs	3.18	3.18	2.08	1.00	-3.97	0.06	1.75	1.37	1.37	1.76	0.32	0.01	6
412	☐	1392	1.00	1.30	0.18	3.57	ceeds Capac	0 - 09:42 hrs	4.55	4.55	2.75	1.00	-2.27	0.48	1.00	3.46	3.47	3.49	3.21	3.17	12
413	☐	1393	3.00	13.68	0.04	18.94	ceeds Capac	0 - 09:56 hrs	2.71	2.72	1.38	1.00	-5.26	2.10	3.00	1.04	1.04	1.05	0.49	0.42	7
414	☐	1394	1.00	1.19	0.15	4.14	Backwater	0 - 09:56 hrs	5.32	5.40	3.48	1.00	-2.95	0.08	1.00	0.80	0.80	0.90	0.37	0.02	4
415	☐	1395	1.00	1.12	0.13	1.75	ceeds Capac	0 - 10:03 hrs	2.23	2.23	1.56	1.00	-0.63	0.13	1.00	0.86	0.87	0.88	0.56	0.53	1
416	☐	1396	1.00	1.26	0.17	2.88	ceeds Capac	0 - 09:56 hrs	3.66	3.66	2.29	1.00	-1.62	0.59	1.00	0.90	1.90	0.90	4.21	0.90	2
417	☐	1397	1.50	4.45	0.24	4.86	Backwater	0 - 09:56 hrs	3.08	3.10	1.09	1.00	-0.41	0.23	1.50	1.52	1.52	1.62	0.01	0.00	11
418	☐	1398	1.50	1.93	0.04	5.88	Backwater	0 - 09:57 hrs	3.38	3.38	3.05	1.00	-3.95	0.01	1.50	1.43	1.43	1.44	0.15	0.30	11
419	☐	1399	4.50	153.16	0.61	81.67	Backwater	0 - 09:57 hrs	6.47	8.54	0.53	1.00	71.49	7.99	4.50	0.95	0.95	1.19	0.00	0.00	7
420	☐	14	2.00	10.12	0.20	17.08	ceeds Capac	0 - 11:08 hrs	5.44	5.44	1.69	1.00	-6.96	3.26	2.00	3.74	3.74	4.02	3.67	3.65	7
421	☐	140	2.25	20.03	0.42	15.55	Backwater	0 - 09:59 hrs	3.91	3.91	0.78	1.00	4.49	0.87	2.25	0.99	0.99	2.05	0.00	0.00	1
422	☐	1400	2.00	29.32	1.68	21.71	Backwater	0 - 09:57 hrs	7.87	8.36	0.74	1.00	7.61	1.17	2.00	1.08	1.08	1.22	0.00	0.00	7
423	☐	1401	4.00	41.65	0.08	94.35	ceeds Capac	0 - 09:59 hrs	7.54	7.74	2.27	1.00	-52.71	6.83	4.00	0.81	0.86	0.81	1.15	0.79	5
424	☐	1402	4.00	81.43	0.32	72.89	Backwater	0 - 09:57 hrs	6.29	7.69	0.90	1.00	8.54	6.81	4.00	0.84	0.84	1.04	0.00	0.00	4
425	☐	1403	2.00	9.83	0.19	9.38	Backwater	0 - 09:59 hrs	3.42	3.42	0.95	1.00	0.45	0.42	2.00	0.70	0.70	0.73	0.00	0.10	5
426	☐	1404	2.00	8.69	0.15	9.18	Backwater	0 - 09:59 hrs	3.33	3.33	1.06	1.00	-0.49	0.41	2.00	0.73	0.73	0.80	0.02	0.04	4
427	☐	1405	1.00	2.68	0.75	2.01	Backwater	0 - 09:57 hrs	2.60	2.60	0.75	1.00	0.67	0.00	1.00	0.73	0.73	0.77	0.00	0.03	9
428	☐	1406	2.50	20.51	0.25	22.38	ceeds Capac	0 - 09:57 hrs	4.56	4.56	1.09	1.00	-1.87	0.51	2.50	0.72	0.72	0.77	0.02	0.02	4
429	☐	1407	2.50	19.50	0.23	30.46	ceeds Capac	0 - 09:57 hrs	6.21	6.21	1.56	1.00	-10.96	0.88	2.50	0.76	0.77	0.88	0.19	0.16	4
430	☐	1408	2.50	9.42	0.05	30.45	ceeds Capac	0 - 09:57 hrs	6.20	6.20	3.23	1.00	-21.02	0.88	2.50	0.89	0.90	0.90	0.82	0.75	3
431	☐	1409	2.75	19.14	0.13	13.00	Backwater	0 - 10:23 hrs	2.19	2.19	0.68	1.00	6.13	1.51	2.75	9.12	9.12	9.76	0.00	0.59	50
432	☐	141	2.50	4.27	0.01	6.83	Backwater	0 - 10:03 hrs	1.39	2.82	1.60	1.00	-2.56	0.17	2.50	0.58	0.58	0.58	0.12	0.29	4
433	☐	1410	2.75	18.83	0.13	13.02	Backwater	0 - 10:23 hrs	2.19	3.06	0.69	1.00	5.81	1.52	2.75	7.25	7.25	7.71	0.00	0.50	45
434	☐	1411	2.75	19.11	0.13	37.41	ceeds Capac	0 - 10:03 hrs	6.30	6.30	1.96	1.00	-18.30	2.73	2.75	5.76	5.76	6.33	1.35	1.37	34
435	☐	1412	1.75	5.70	0.17	3.84	Backwater	0 - 09:56 hrs	1.60	1.60	0.67	1.00	1.86	0.00	1.75	3.71	3.71	3.96	0.00	0.22	33
436	☐	1413	2.75	19.66	0.14	21.33	ceeds Capac	0 - 10:00 hrs	3.59	3.59	1.08	1.00	-1.67	1.95	2.75	2.91	2.91	5.33	0.74	0.72	25
437	☐	1414	2.75	17.13	0.10	18.34	ceeds Capac	0 - 10:27 hrs	3.09	3.09	1.07	1.00	-1.21	1.67	2.75	2.09	2.09	2.72	0.85	0.76	16
438	☐	1415	2.75	8.77	0.03	23.50	ceeds Capac	0 - 10:14 hrs	3.96	3.96	2.68	1.00	-14.73	1.57	2.75	2.01	2.01	2.40	1.47	1.44	7
439	☐	1416	5.00	149.83	0.33	99.62	Backwater	0 - 10:03 hrs	5.07	6.15	0.66	1.00	50.21	9.63	5.00	1.81	1.81	2.44	0.00	0.00	20
440	☐	1417	4.50	137.22	0.49	83.28	Backwater	0 - 10:15 hrs	5.24	6.87	0.61	1.00	53.95	8.59	4.50	1.88	1.88	2.38	0.00	0.02	15
441	☐	1418	5.00	182.77	0.49	99.58	Backwater	0 - 10:03 hrs	5.07	5.07	0.54	1.00	83.19	9.60	5.00	2.84	2.84	5.66	0.00	0.00	32

EXISTING CONDITIONS 5-YR 24-HR CONDUITS

		ID	Full Depth (ft)	Full Flow (cfs)	Percent Slope (%)	Maximum Flow (cfs)	Maximum Flow Class	Max.Flow Day-Time (day-time)	Velocity at Maximum Flow (ft/s)	Maximum Velocity (ft/s)	Max.Flow/Fu ll Flow	Max.Depth/F ull Depth	Reserve Capacity (cfs)	Total Flow Volume (MG)	Maximum Top Width (ft)	Both End Surcharge Time (hrs)	Upstream Surcharge Time (hrs)	Downstream Surcharge Time (hrs)	Above Full-Flow Time (hrs)	Capacity Limited Time (hrs)	Instability Index
442	☐	1419	5.00	119.02	0.21	99.60	Backwater	0 - 10:03 hrs	5.07	5.20	0.84	1.00	19.42	9.62	5.00	2.52	2.52	3.79	0.00	0.01	20
443	☐	142	2.25	13.54	0.19	12.42	Backwater	0 - 09:59 hrs	3.12	3.12	0.92	1.00	1.12	0.54	2.25	1.65	1.65	1.83	0.00	0.01	9
444	☐	1420	2.00	11.50	0.26	11.68	ceeds Capac	0 - 10:00 hrs	3.72	3.72	1.02	1.00	-0.19	0.77	2.00	2.10	2.10	2.74	0.01	0.02	7
445	☐	1421	1.75	6.35	0.21	2.22	Backwater	0 - 10:22 hrs	0.92	1.89	0.35	1.00	4.13	0.23	1.75	1.93	1.93	2.09	0.00	0.00	14
446	☐	1422	2.75	26.58	0.25	29.16	ceeds Capac	0 - 10:03 hrs	4.91	4.91	1.10	1.00	-2.59	1.61	2.75	1.07	1.07	1.28	0.12	0.13	6
447	☐	1423	1.75	4.70	0.12	2.94	Backwater	0 - 09:56 hrs	1.70	2.08	0.63	1.00	1.75	0.22	1.75	1.75	1.75	1.93	0.00	0.00	11
448	☐	1424	1.50	4.08	0.20	4.32	Backwater	0 - 09:56 hrs	2.87	3.00	1.06	1.00	-0.24	0.22	1.50	1.65	1.65	1.79	0.00	0.00	10
449	☐	1425	2.75	17.78	0.11	18.75	ceeds Capac	0 - 10:06 hrs	3.16	3.46	1.05	1.00	-0.97	1.15	2.75	0.99	0.99	1.07	0.20	0.20	4
450	☐	1426	2.75	17.07	0.10	40.11	ceeds Capac	0 - 10:00 hrs	6.83	6.89	2.35	1.00	-23.05	1.15	2.75	0.90	0.91	0.93	0.32	0.36	7
451	☐	1427	2.00	10.93	0.23	8.10	Backwater	0 - 10:06 hrs	2.58	4.12	0.74	1.00	2.84	0.41	2.00	0.95	0.95	1.00	0.00	0.08	6
452	☐	1428	2.75	33.20	0.39	36.01	ceeds Capac	0 - 10:00 hrs	6.07	6.07	1.08	1.00	-2.81	0.74	2.75	0.76	0.76	0.91	0.00	0.00	7
453	☐	1429	2.75	16.67	0.10	36.64	ceeds Capac	0 - 10:00 hrs	6.23	6.39	2.20	1.00	-19.96	0.73	2.75	0.66	0.67	0.76	0.04	0.01	3
454	☐	143	2.50	18.00	0.19	33.99	ceeds Capac	0 - 09:56 hrs	6.92	6.92	1.89	1.00	-15.99	2.86	2.50	1.75	1.75	1.85	0.97	1.02	11
455	☐	1430	2.75	9.71	0.03	44.34	ceeds Capac	0 - 09:59 hrs	7.47	7.47	4.56	1.00	-34.62	0.74	2.75	0.66	0.68	0.66	1.04	0.42	4
456	☐	1431	2.75	15.04	0.08	29.30	ceeds Capac	0 - 09:59 hrs	4.93	4.93	1.95	1.00	-14.26	0.02	2.75	0.64	0.64	0.68	0.02	0.05	4
457	☐	1432	2.25	15.54	0.25	28.61	ceeds Capac	0 - 09:57 hrs	7.21	7.21	1.84	1.00	-13.07	3.58	2.25	0.78	1.23	0.78	1.78	0.77	2
458	☐	1433	2.25	13.60	0.19	14.06	ceeds Capac	0 - 10:56 hrs	3.53	3.56	1.03	1.00	-0.46	2.71	2.25	1.25	1.25	1.26	0.33	0.30	6
459	☐	1434	2.25	10.71	0.12	9.83	Backwater	0 - 09:59 hrs	2.47	2.47	0.92	1.00	0.88	1.06	2.25	0.84	0.84	1.25	0.00	0.01	4
460	☐	1435	2.25	17.08	0.30	10.76	Backwater	0 - 10:03 hrs	2.71	2.71	0.63	1.00	6.32	0.64	2.25	0.47	0.47	0.75	0.00	0.00	1
461	☐	1436	2.00	51.89	5.26	30.64	Backwater	0 - 09:56 hrs	9.89	11.97	0.59	1.00	21.25	0.51	2.00	0.46	0.47	0.53	0.00	0.00	2
462	☐	1438	1.00	0.56	0.03	3.00	Backwater	0 - 09:56 hrs	3.93	4.01	5.35	1.00	-2.44	0.59	1.00	0.78	0.78	1.24	21.16	0.00	6
463	☐	1439	3.00	102.60	2.37	10.92	Backwater	0 - 09:56 hrs	1.55	1.55	0.11	1.00	91.67	0.66	3.00	0.87	0.87	1.01	0.00	0.01	7
464	☐	144	1.75	7.11	0.27	14.18	ceeds Capac	0 - 09:56 hrs	5.90	5.90	1.99	1.00	-7.07	0.82	1.75	0.81	0.86	0.86	0.10	0.02	1
465	☐	1440	1.00	5.23	2.87	1.80	Backwater	0 - 10:45 hrs	2.59	3.17	0.34	1.00	3.43	0.12	1.00	0.81	0.81	1.18	0.00	0.00	2
466	☐	1441	2.50	16.70	0.17	27.11	ceeds Capac	0 - 09:56 hrs	5.62	5.69	1.62	1.00	-10.41	2.10	2.50	0.66	0.66	0.66	0.83	0.34	5
467	☐	1442	3.00	24.83	0.14	27.50	ceeds Capac	0 - 09:59 hrs	3.89	4.14	1.11	1.00	-2.68	2.22	3.00	0.61	0.61	0.67	0.05	0.03	4
468	☐	1443	3.00	23.27	0.12	30.98	ceeds Capac	0 - 09:59 hrs	4.38	4.40	1.33	1.00	-7.71	2.36	3.00	0.70	0.70	0.72	0.22	0.20	3
469	☐	1444	3.00	27.77	0.17	31.01	ceeds Capac	0 - 09:57 hrs	4.39	4.39	1.12	1.00	-3.24	2.36	3.00	0.74	0.74	0.79	0.02	0.03	4
470	☐	1445	3.00	47.00	0.50	31.08	Backwater	0 - 09:57 hrs	4.40	4.40	0.66	1.00	15.92	2.36	3.00	0.77	0.77	0.82	0.00	0.01	7
471	☐	1446	3.00	24.22	0.13	33.84	ceeds Capac	0 - 09:57 hrs	4.79	4.79	1.40	1.00	-9.62	2.46	3.00	0.83	0.83	0.83	0.21	0.40	7
472	☐	1447	3.00	119.10	3.19	43.55	Backwater	0 - 09:56 hrs	8.17	9.86	0.37	1.00	75.55	3.46	3.00	0.73	0.73	0.77	0.00	0.03	4
473	☐	1448	1.50	1.83	0.04	8.81	ceeds Capac	0 - 09:57 hrs	5.14	5.26	4.80	1.00	-6.98	0.74	1.50	0.89	0.96	0.89	3.54	0.77	8
474	☐	1449	2.50	24.41	0.35	36.32	ceeds Capac	0 - 09:57 hrs	7.42	7.62	1.49	1.00	-11.92	2.78	2.50	0.76	0.83	0.80	0.14	0.06	3
475	☐	1450	2.50	19.45	0.22	28.23	ceeds Capac	0 - 09:55 hrs	5.75	5.75	1.45	1.00	-8.78	2.43	2.50	0.80	0.81	0.82	0.38	0.30	4
476	☐	1451	2.50	10.93	0.07	28.23	ceeds Capac	0 - 09:55 hrs	5.75	5.75	2.58	1.00	-17.30	2.44	2.50	0.82	0.89	0.82	1.70	0.80	3
477	☐	1452	2.50	22.04	0.29	26.32	ceeds Capac	0 - 09:56 hrs	5.36	5.36	1.19	1.00	-4.29	2.10	2.50	0.66	0.67	0.72	0.08	0.04	4
478	☐	1453	2.50	28.32	0.48	26.23	Backwater	0 - 09:56 hrs	5.34	5.61	0.93	1.00	2.08	2.10	2.50	0.55	0.55	0.75	0.00	0.00	4
479	☐	1454	2.00	4.76	0.04	18.18	ceeds Capac	0 - 09:55 hrs	5.79	5.79	3.82	1.00	-13.42	1.55	2.00	0.73	0.75	0.73	2.86	0.60	5
480	☐	1455	2.00	6.15	0.07	18.02	ceeds Capac	0 - 09:52 hrs	5.74	5.74	2.93	1.00	-11.87	1.55	2.00	0.75	0.81	0.75	1.87	0.69	5
481	☐	1456	2.75	23.94	0.20	20.22	Backwater	0 - 10:00 hrs	3.40	3.40	0.84	1.00	3.72	1.92	2.75	14.11	14.11	14.23	0.00	0.00	50
482	☐	1457	1.25	3.50	0.39	2.03	Backwater	0 - 10:03 hrs	1.65	1.65	0.58	1.00	1.47	0.01	1.25	0.80	0.80	4.52	0.00	0.00	3
483	☐	1458	2.00	8.30	0.13	18.04	Backwater	0 - 09:52 hrs	5.74	5.74	2.17	1.00	-9.74	1.55	2.00	0.81	0.81	0.93	1.17	0.01	5
484	☐	146	3.50	127.08	1.60	43.81	Backwater	0 - 12:47 hrs	4.55	4.74	0.34	1.00	83.27	12.94	3.50	18.78	18.78	19.96	0.00	0.00	64
485	☐	1460	2.00	7.50	0.11	3.32	Backwater	0 - 09:49 hrs	1.06	1.06	0.44	1.00	4.18	0.00	2.00	0.92	0.92	1.09	0.00	0.01	5
486	☐	1461	1.50	5.99	0.43	3.05	Backwater	0 - 09:51 hrs	2.14	2.14	0.51	1.00	2.94	0.00	1.50	0.78	0.78	1.13	0.00	0.00	5
487	☐	1462	3.50	10.06	0.01	48.71	ceeds Capac	0 - 10:00 hrs	5.06	5.06	4.84	1.00	-38.65	1.34	3.50	6.77	6.80	6.92	1.64	2.88	25
488	☐	147	6.50	74.35	0.02	185.61	ceeds Capac	0 - 10:02 hrs	5.59	5.59	2.50	1.00	-111.25	15.21	6.50	15.29	15.29	15.34	2.17	2.56	55
489	☐	148	6.50	74.17	0.02	185.62	ceeds Capac	0 - 10:02 hrs	5.59	5.59	2.50	1.00	-111.45	14.96	6.50	15.41	15.41	15.49	2.18	2.92	56
490	☐	149	6.50	155.14	0.09	281.83	Backwater	0 - 10:00 hrs	8.49	8.49	1.82	1.00	-126.69	14.93	6.50	15.09	15.09	15.44	1.30	0.00	48

EXISTING CONDITIONS 5-YR 24-HR CONDUITS

		ID	Full Depth (ft)	Full Flow (cfs)	Percent Slope (%)	Maximum Flow (cfs)	Maximum Flow Class	Max.Flow Day-Time (day-time)	Velocity at Maximum Flow (ft/s)	Maximum Velocity (ft/s)	Max.Flow/Fu ll Flow	Max.Depth/F ull Depth	Reserve Capacity (cfs)	Total Flow Volume (MG)	Maximum Top Width (ft)	Both End Surcharge Time (hrs)	Upstream Surcharge Time (hrs)	Downstream Surcharge Time (hrs)	Above Full-Flow Time (hrs)	Capacity Limited Time (hrs)	Instability Index
491	☐	15	2.00	10.12	0.20	16.75	ceeds Capac	0 - 09:41 hrs	5.33	5.33	1.65	1.00	-6.63	3.50	2.00	3.11	4.02	3.11	4.56	3.11	6
492	☐	152	6.00	140.59	0.11	154.81	ceeds Capac	0 - 10:03 hrs	5.48	5.48	1.10	1.00	-14.22	20.59	6.00	14.74	14.74	15.39	0.38	0.40	44
493	☐	155	6.00	173.41	0.17	169.47	Backwater	0 - 10:03 hrs	5.99	5.99	0.98	1.00	3.95	20.96	6.00	14.41	14.41	14.74	0.00	0.11	53
494	☐	156	2.50	39.27	0.92	16.31	Backwater	0 - 10:02 hrs	3.32	3.32	0.42	1.00	22.95	1.72	2.50	15.10	15.10	15.27	0.00	0.02	64
495	☐	157	6.50	74.16	0.02	185.62	ceeds Capac	0 - 10:02 hrs	5.59	5.59	2.50	1.00	-111.46	15.09	6.50	15.34	15.34	15.41	2.18	3.10	55
496	☐	158	3.50	24.07	0.16	23.06	Backwater	0 - 09:41 hrs	2.40	2.40	0.96	1.00	1.02	5.85	3.50	16.39	16.39	18.50	0.00	0.00	28
497	☐	159	3.50	23.78	0.16	27.89	ceeds Capac	0 - 10:08 hrs	2.90	2.90	1.17	1.00	-4.10	6.08	3.50	15.47	15.47	16.39	1.26	1.25	39
498	☐	16	2.00	17.23	0.58	25.85	Free Surface	0 - 10:00 hrs	8.27	8.28	1.50	0.99	-8.62	5.14	2.00	0.00	3.11	0.00	3.49	0.00	18
499	☐	160	3.50	23.81	0.16	21.90	Backwater	0 - 10:07 hrs	2.28	2.28	0.92	1.00	1.90	4.58	3.50	15.03	15.03	15.47	0.00	0.00	49
500	☐	161	3.50	23.73	0.16	15.04	Backwater	0 - 10:03 hrs	1.56	2.10	0.63	1.00	8.69	3.99	3.50	14.92	14.92	15.03	0.00	0.00	56
501	☐	162	2.50	20.51	0.25	15.40	Backwater	0 - 09:52 hrs	3.14	3.71	0.75	1.00	5.11	3.35	2.50	4.13	4.13	4.99	0.00	0.00	17
502	☐	164	2.50	43.04	1.10	39.99	Backwater	0 - 09:56 hrs	8.15	9.24	0.93	1.00	3.05	2.57	2.50	0.88	0.88	1.99	0.00	0.00	7
503	☐	165	3.50	44.98	0.20	23.32	Backwater	0 - 09:59 hrs	2.42	2.98	0.52	1.00	21.66	1.05	3.50	3.69	3.69	8.01	0.00	0.02	41
504	☐	166	3.50	46.82	0.22	23.31	Backwater	0 - 09:59 hrs	2.42	3.98	0.50	1.00	23.50	1.06	3.48	3.41	3.41	3.69	0.00	0.31	36
505	☐	167	3.50	44.57	0.20	23.27	Backwater	0 - 09:59 hrs	2.42	2.42	0.52	1.00	21.30	1.07	3.49	2.14	2.14	3.41	0.00	0.01	32
506	☐	17	2.50	31.25	0.58	26.04	Free Surface	0 - 10:11 hrs	5.69	6.87	0.83	0.89	5.21	5.14	2.50	0.00	0.00	0.84	0.00	0.00	7
507	☐	170	4.50	62.55	0.10	137.07	ceeds Capac	0 - 00:02 hrs	8.79	11.36	2.19	1.00	-74.52	5.88	2.94	23.95	23.95	23.98	0.43	0.38	65
508	☐	171	2.50	19.99	0.24	21.39	ceeds Capac	0 - 09:40 hrs	4.36	5.39	1.07	1.00	-1.39	4.69	2.50	1.97	1.97	1.97	0.75	0.98	19
509	☐	172	3.50	25.16	0.06	28.00	ceeds Capac	0 - 10:06 hrs	2.91	2.91	1.11	1.00	-2.84	1.94	3.50	0.83	0.83	0.95	0.33	0.30	4
510	☐	173	3.50	55.28	0.30	28.02	Backwater	0 - 10:06 hrs	2.91	4.36	0.51	1.00	27.26	1.89	3.48	2.41	2.41	23.79	0.00	0.00	59
511	☐	174	2.75	72.91	1.90	16.94	Backwater	0 - 09:48 hrs	2.86	2.99	0.23	1.00	55.97	2.45	2.45	0.91	0.91	23.91	0.00	0.00	54
512	☐	175	1.75	13.48	0.96	11.12	Backwater	0 - 10:15 hrs	4.62	4.62	0.82	1.00	2.36	0.92	1.75	2.00	2.00	2.26	0.00	0.00	15
513	☐	176	2.00	5.36	0.06	16.80	ceeds Capac	0 - 09:48 hrs	5.35	5.35	3.13	1.00	-11.44	2.47	2.00	2.24	2.94	2.24	4.44	2.24	4
514	☐	177	2.00	8.51	0.14	16.80	ceeds Capac	0 - 09:48 hrs	5.35	5.35	1.97	1.00	-8.29	2.47	2.00	2.12	2.17	2.20	2.44	2.12	4
515	☐	178	4.50	19.66	0.01	90.35	ceeds Capac	0 - 00:03 hrs	6.66	7.67	4.59	1.00	-70.69	4.79	4.49	23.92	23.92	23.92	2.04	4.71	67
516	☐	179	4.50	61.30	0.10	87.87	ceeds Capac	0 - 00:04 hrs	6.90	7.34	1.43	1.00	-26.58	4.84	4.46	23.91	23.91	23.91	0.03	0.01	68
517	☐	180	3.75	69.01	0.33	67.25	Backwater	0 - 00:05 hrs	6.57	7.87	0.97	1.00	1.76	2.43	3.60	23.88	23.88	23.91	0.00	0.00	66
518	☐	181	3.75	43.10	0.13	65.97	Backwater	0 - 00:06 hrs	7.51	7.80	1.53	1.00	-22.87	2.45	3.51	23.86	23.86	23.88	0.02	0.08	68
519	☐	182	3.50	31.13	0.10	38.97	Backwater	0 - 00:07 hrs	5.78	5.93	1.25	1.00	-7.84	1.86	3.50	23.79	23.79	23.85	0.03	0.03	61
520	☐	183	3.50	44.03	0.19	27.99	Backwater	0 - 10:06 hrs	2.91	2.91	0.64	1.00	16.04	1.96	3.50	0.50	0.50	0.83	0.00	0.00	3
521	☐	184	2.00	14.41	0.41	15.91	ceeds Capac	0 - 10:12 hrs	5.06	5.06	1.10	1.00	-1.49	1.13	2.00	0.75	0.75	0.92	0.11	0.14	3
522	☐	185	2.00	11.46	0.26	15.91	ceeds Capac	0 - 10:12 hrs	5.06	5.06	1.39	1.00	-4.45	1.13	2.00	0.62	0.62	0.70	0.38	0.39	2
523	☐	186	3.50	41.74	0.17	28.00	Backwater	0 - 10:06 hrs	2.91	3.89	0.67	1.00	13.74	1.91	3.50	0.95	0.95	2.41	0.00	0.00	10
524	☐	187	2.00	4.64	0.12	8.81	ceeds Capac	0 - 22:54 hrs	2.81	2.81	1.90	1.00	-4.17	4.65	2.00	22.62	22.63	22.62	21.63	21.54	84
525	☐	188	2.00	4.67	0.12	8.78	ceeds Capac	0 - 19:52 hrs	2.80	2.80	1.88	1.00	-4.11	4.64	2.00	22.59	22.62	22.59	21.54	21.42	75
526	☐	189	2.00	4.63	0.12	8.78	ceeds Capac	0 - 19:52 hrs	2.79	2.79	1.90	1.00	-4.15	4.63	1.99	22.50	22.59	22.50	21.61	21.47	71
527	☐	19	4.50	87.90	0.20	76.88	Backwater	0 - 11:00 hrs	4.83	4.83	0.87	1.00	11.01	13.88	4.50	3.06	3.06	14.38	0.00	0.00	16
528	☐	190	2.00	4.65	0.12	8.78	ceeds Capac	0 - 17:53 hrs	2.80	2.80	1.89	1.00	-4.13	4.63	1.99	22.48	22.50	22.48	21.52	21.37	73
529	☐	191	2.00	1.93	0.02	8.79	ceeds Capac	0 - 20:10 hrs	2.80	2.80	4.55	1.00	-6.86	4.62	2.00	22.48	22.48	22.48	22.63	22.48	74
530	☐	192	2.00	6.43	0.23	8.78	ceeds Capac	0 - 15:10 hrs	2.79	3.01	1.36	1.00	-2.35	4.62	1.99	22.48	22.48	22.48	16.51	16.22	75
531	☐	193	2.00	4.61	0.12	8.77	ceeds Capac	0 - 15:10 hrs	2.79	2.79	1.90	1.00	-4.16	4.61	1.99	22.48	22.48	22.49	21.51	21.50	62
532	☐	194	2.00	8.27	0.38	8.77	Free Surface	0 - 14:22 hrs	3.41	3.41	1.06	0.76	-0.50	4.60	1.97	0.00	0.00	22.49	13.24	0.00	64
533	☐	195	3.00	74.58	1.25	82.05	ceeds Capac	0 - 09:56 hrs	12.60	12.60	1.10	1.00	-7.46	8.22	3.00	0.47	0.47	0.54	0.40	0.35	3
534	☐	196	3.00	75.04	1.27	75.88	ceeds Capac	0 - 10:14 hrs	10.73	11.27	1.01	1.00	-0.84	8.22	3.00	0.57	0.57	0.81	0.37	0.33	3
535	☐	197	5.00	87.41	0.11	122.08	ceeds Capac	0 - 10:03 hrs	6.22	6.22	1.40	1.00	-34.67	11.75	4.99	2.00	2.00	23.96	0.88	0.87	2
536	☐	198	4.00	86.75	0.36	94.96	ceeds Capac	0 - 10:14 hrs	7.56	7.56	1.09	1.00	-8.21	9.60	3.95	2.17	2.17	23.13	0.44	0.41	6
537	☐	199	4.00	116.52	0.66	106.04	Backwater	0 - 10:03 hrs	8.44	8.44	0.91	1.00	10.48	9.72	4.00	0.59	0.59	0.86	0.00	0.00	3
538	☐	20	4.50	59.36	0.09	78.74	ceeds Capac	0 - 10:03 hrs	4.95	4.95	1.33	1.00	-19.38	12.88	4.50	14.38	14.38	14.57	1.59	1.57	39
539	☐	200	2.00	27.03	1.43	20.40	Backwater	0 - 10:03 hrs	6.49	6.49	0.75	1.00	6.63	0.94	2.00	0.86	0.86	0.91	0.00	0.01	5

EXISTING CONDITIONS 5-YR 24-HR CONDUITS

		ID	Full Depth (ft)	Full Flow (cfs)	Percent Slope (%)	Maximum Flow (cfs)	Maximum Flow Class	Max.Flow Day-Time (day-time)	Velocity at Maximum Flow (ft/s)	Maximum Velocity (ft/s)	Max.Flow/Fu ll Flow	Max.Depth/F ull Depth	Reserve Capacity (cfs)	Total Flow Volume (MG)	Maximum Top Width (ft)	Both End Surcharge Time (hrs)	Upstream Surcharge Time (hrs)	Downstream Surcharge Time (hrs)	Above Full-Flow Time (hrs)	Capacity Limited Time (hrs)	Instability Index
540	☐	201	2.00	12.35	0.40	14.68	ceeds Capac	0 - 10:08 hrs	4.67	4.67	1.19	1.00	-2.34	0.91	1.93	0.91	0.91	2.25	0.33	0.33	4
541	☐	202	5.00	109.10	0.18	169.93	ceeds Capac	0 - 00:02 hrs	8.78	8.92	1.56	1.00	-60.83	11.62	3.14	23.96	23.96	24.00	0.47	0.44	2
542	☐	203	2.00	53.48	5.59	30.23	Free Surface	0 - 10:03 hrs	13.99	15.14	0.57	0.65	23.25	1.43	2.00	0.00	0.00	0.00	0.00	0.00	0
543	☐	204	3.50	61.39	0.37	70.04	Free Surface	0 - 10:06 hrs	7.28	7.28	1.14	1.00	-8.66	0.55	2.76	0.00	0.18	0.00	0.17	0.00	0
544	☐	205	3.50	68.26	0.46	76.19	Free Surface	0 - 10:06 hrs	7.92	7.92	1.12	1.00	-7.93	26.02	2.76	0.00	0.18	0.00	0.18	0.00	0
545	☐	206	3.50	54.85	0.30	64.33	ceeds Capac	0 - 10:06 hrs	6.69	6.69	1.17	1.00	-9.49	14.78	2.76	0.18	0.18	24.00	0.17	0.18	0
546	☐	208	2.00	7.21	0.10	14.04	Free Surface	0 - 10:04 hrs	4.77	4.84	1.95	0.89	-6.84	0.68	2.00	0.00	0.67	0.00	0.74	0.00	1
547	☐	209	2.00	21.61	0.91	7.65	Free Surface	0 - 10:07 hrs	2.89	3.62	0.35	0.81	13.96	0.34	2.00	0.00	0.00	0.00	0.00	0.00	0
548	☐	21	2.00	10.38	0.21	12.18	ceeds Capac	0 - 09:52 hrs	3.88	3.88	1.17	1.00	-1.80	1.09	2.00	1.20	1.20	1.66	0.06	0.06	3
549	☐	210	2.00	19.47	0.74	20.59	Free Surface	0 - 10:04 hrs	7.12	7.15	1.06	0.87	-1.12	1.00	2.00	0.00	0.00	0.00	0.12	0.00	0
550	☐	211	2.00	19.33	0.73	19.73	Free Surface	0 - 10:06 hrs	7.10	7.10	1.02	0.83	-0.40	0.95	2.00	0.00	0.00	0.00	0.05	0.00	0
551	☐	212	2.50	61.83	2.27	22.84	Free Surface	0 - 10:04 hrs	6.12	6.12	0.37	0.71	38.99	1.09	2.50	0.00	0.00	0.18	0.00	0.00	0
552	☐	213	3.50	104.20	1.07	74.72	Free Surface	0 - 10:04 hrs	9.18	11.66	0.72	0.81	29.48	3.48	3.50	0.00	0.00	0.03	0.00	0.00	0
553	☐	214	2.50	59.37	2.09	38.19	Free Surface	0 - 10:03 hrs	9.92	10.02	0.64	0.73	21.17	1.80	2.50	0.00	0.00	0.00	0.00	0.00	0
554	☐	216	3.50	107.50	1.14	74.65	Backwater	0 - 10:06 hrs	7.76	11.59	0.69	1.00	32.84	3.49	3.50	0.08	0.08	0.18	0.00	0.00	0
555	☐	217	3.50	78.39	0.61	74.65	Backwater	0 - 10:04 hrs	7.76	7.76	0.95	1.00	3.74	3.48	3.50	0.19	0.19	0.40	0.00	0.00	0
556	☐	218	4.50	102.35	0.27	95.12	Backwater	0 - 10:04 hrs	5.98	5.98	0.93	1.00	7.23	4.45	4.50	0.27	0.27	0.29	0.00	0.03	2
557	☐	219	5.00	71.37	0.08	95.16	ceeds Capac	0 - 10:04 hrs	4.85	4.85	1.33	1.00	-23.79	4.45	5.00	0.24	0.24	0.24	0.28	0.16	2
558	☐	22	2.00	12.80	0.32	12.18	Backwater	0 - 09:52 hrs	3.88	3.88	0.95	1.00	0.62	1.09	1.99	1.66	1.66	23.88	0.00	0.00	4
559	☐	220	5.00	94.30	0.13	141.66	ceeds Capac	0 - 10:04 hrs	7.21	7.21	1.50	1.00	-47.36	7.19	5.00	0.21	0.24	0.21	0.35	0.21	1
560	☐	221	2.00	53.12	5.51	49.60	Backwater	0 - 09:59 hrs	15.79	15.79	0.93	1.00	3.52	2.75	2.00	0.38	0.38	1.38	0.00	0.00	0
561	☐	222	2.00	31.37	1.92	35.15	ceeds Capac	0 - 09:59 hrs	11.19	11.19	1.12	1.00	-3.78	2.10	2.00	0.29	0.29	0.32	0.20	0.19	1
562	☐	224	2.00	26.47	1.37	35.14	ceeds Capac	0 - 09:59 hrs	11.19	11.19	1.33	1.00	-8.67	2.10	2.00	0.30	0.32	0.41	0.31	0.26	0
563	☐	225	2.50	102.34	6.22	0.00	Free Surface	0 - 00:00 hrs	0.00	0.00	0.00	0.36	102.34	0.00	2.39	0.00	0.00	0.00	0.00	0.00	0
564	☐	226	2.50	29.61	0.52	5.79	Free Surface	0 - 10:00 hrs	1.87	1.89	0.20	0.86	23.82	0.00	2.50	0.00	0.00	0.14	0.00	0.00	0
565	☐	227	2.50	38.38	0.88	7.95	Backwater	0 - 10:00 hrs	1.66	1.66	0.21	1.00	30.43	0.00	2.50	0.14	0.14	0.56	0.00	0.00	0
566	☐	228	5.50	156.36	0.22	183.04	ceeds Capac	0 - 10:04 hrs	7.70	7.70	1.17	1.00	-26.68	9.32	5.50	0.07	0.09	0.07	0.19	0.06	0
567	☐	229	2.00	37.17	2.70	29.99	Free Surface	0 - 10:04 hrs	10.22	10.52	0.81	0.88	7.18	1.43	2.00	0.00	0.00	23.82	0.00	0.00	0
568	☐	23	4.00	87.35	0.37	13.53	Backwater	0 - 00:06 hrs	2.44	2.68	0.15	1.00	73.82	1.07	4.00	1.25	1.25	1.79	0.00	0.00	17
569	☐	230	5.50	83.06	0.06	213.49	Free Surface	0 - 10:04 hrs	10.00	10.01	2.57	0.84	-130.42	10.72	5.50	0.00	0.07	0.00	0.72	0.00	0
570	☐	231	2.25	25.36	0.67	20.78	Backwater	0 - 10:18 hrs	5.23	5.23	0.82	1.00	4.58	2.22	2.25	0.58	0.58	1.02	0.00	0.00	4
571	☐	232	2.00	10.58	0.22	15.91	ceeds Capac	0 - 09:55 hrs	5.07	5.07	1.50	1.00	-5.33	1.05	2.00	0.66	0.66	0.67	0.33	0.29	4
572	☐	233	2.00	2.29	0.01	7.61	ceeds Capac	0 - 09:55 hrs	2.42	2.42	3.33	1.00	-5.32	0.33	2.00	0.66	0.66	0.67	1.13	0.32	6
573	☐	234	2.00	20.77	0.84	10.02	Free Surface	0 - 09:59 hrs	3.99	5.85	0.48	0.74	10.75	0.44	2.00	0.00	0.00	0.41	0.00	0.00	0
574	☐	235	2.00	17.31	0.59	10.04	Backwater	0 - 09:59 hrs	3.19	3.19	0.58	1.00	7.27	0.44	2.00	0.52	0.52	0.58	0.00	0.00	2
575	☐	236	2.00	6.53	0.08	0.65	Backwater	0 - 09:51 hrs	0.21	0.21	0.10	1.00	5.88	0.00	2.00	0.98	0.98	1.10	0.00	0.00	8
576	☐	237	2.50	15.31	0.14	34.93	ceeds Capac	0 - 09:59 hrs	7.12	7.12	2.28	1.00	-19.62	3.28	2.50	0.88	0.97	0.88	1.56	0.88	7
577	☐	238	2.50	18.85	0.21	34.93	ceeds Capac	0 - 09:59 hrs	7.12	7.12	1.85	1.00	-16.08	3.28	2.50	0.93	0.96	0.93	1.18	0.88	8
578	☐	239	2.50	21.67	0.28	34.95	ceeds Capac	0 - 09:59 hrs	7.12	7.12	1.61	1.00	-13.28	3.28	2.50	0.92	0.93	0.92	1.00	0.88	7
579	☐	24	2.00	17.65	0.61	33.79	ceeds Capac	0 - 09:59 hrs	10.76	10.76	1.91	1.00	-16.14	2.24	2.00	0.92	0.92	1.16	0.66	0.67	5
580	☐	240	2.50	19.57	0.23	34.96	Free Surface	0 - 09:59 hrs	7.50	7.50	1.79	0.90	-15.38	3.27	2.50	0.00	0.92	0.00	1.15	0.00	3
581	☐	241	2.50	63.26	2.38	34.89	Free Surface	0 - 09:59 hrs	8.66	13.10	0.55	0.77	28.38	3.27	2.50	0.00	0.00	0.27	0.00	0.00	0
582	☐	243	2.50	56.11	1.87	34.94	Backwater	0 - 09:59 hrs	7.12	8.63	0.62	1.00	21.17	3.27	2.50	0.33	0.33	0.52	0.00	0.00	2
583	☐	244	2.50	19.43	0.22	37.23	ceeds Capac	0 - 09:56 hrs	7.58	7.58	1.92	1.00	-17.80	3.84	2.50	0.90	1.10	0.90	1.52	0.90	5
584	☐	245	2.25	23.55	0.58	34.09	Backwater	0 - 12:00 hrs	19.18	19.18	1.45	1.00	-10.54	1.40	2.25	0.48	0.48	0.49	0.00	0.18	3
585	☐	246	2.00	25.01	1.22	23.16	Backwater	0 - 10:03 hrs	7.37	7.37	0.93	1.00	1.85	1.40	2.00	0.47	0.47	0.51	0.00	0.05	3
586	☐	247	2.00	12.19	0.29	16.60	ceeds Capac	0 - 09:53 hrs	5.28	5.28	1.36	1.00	-4.41	1.14	2.00	0.76	0.76	0.79	0.15	0.26	4
587	☐	248	2.00	13.54	0.36	23.16	ceeds Capac	0 - 10:07 hrs	7.37	7.37	1.71	1.00	-9.62	1.40	2.00	0.51	0.51	0.51	0.53	0.46	2
588	☐	249	2.00	10.28	0.21	16.61	ceeds Capac	0 - 09:53 hrs	5.29	5.29	1.62	1.00	-6.32	1.14	2.00	0.79	0.79	0.91	0.33	0.32	2

EXISTING CONDITIONS 5-YR 24-HR CONDUITS

		ID	Full Depth (ft)	Full Flow (cfs)	Percent Slope (%)	Maximum Flow (cfs)	Maximum Flow Class	Max.Flow Day-Time (day-time)	Velocity at Maximum Flow (ft/s)	Maximum Velocity (ft/s)	Max.Flow/Fu ll Flow	Max.Depth/F ull Depth	Reserve Capacity (cfs)	Total Flow Volume (MG)	Maximum Top Width (ft)	Both End Surcharge Time (hrs)	Upstream Surcharge Time (hrs)	Downstream Surcharge Time (hrs)	Above Full-Flow Time (hrs)	Capacity Limited Time (hrs)	Instability Index
589	☐	25	3.00	68.62	3.03	68.74	Free Surface	0 - 10:04 hrs	10.18	10.18	1.00	0.91	-0.13	5.00	3.00	0.00	0.00	0.11	0.01	0.00	0
590	☐	250	2.25	19.59	0.40	23.34	ceeds Capac	0 - 10:00 hrs	5.87	5.87	1.19	1.00	-3.75	1.84	2.25	0.59	0.59	0.62	0.29	0.30	3
591	☐	251	2.00	5.59	0.06	24.79	ceeds Capac	0 - 09:53 hrs	7.92	7.92	4.44	1.00	-19.20	1.70	2.00	0.53	0.96	0.53	2.42	0.53	3
592	☐	252	2.00	16.02	0.50	26.64	ceeds Capac	0 - 09:55 hrs	8.77	8.77	1.66	1.00	-10.62	1.25	2.00	0.54	0.58	0.54	0.18	0.18	3
593	☐	253	2.00	15.05	0.44	14.02	Backwater	0 - 09:53 hrs	4.46	4.47	0.93	1.00	1.02	0.14	2.00	0.54	0.54	0.55	0.00	0.13	3
594	☐	254	5.00	346.57	1.77	145.39	Backwater	0 - 00:00 hrs	7.56	7.76	0.42	1.00	201.17	3.23	4.21	0.00	0.00	24.00	0.00	0.00	0
595	☐	255	2.50	26.22	0.41	47.20	ceeds Capac	0 - 09:59 hrs	9.61	9.61	1.80	1.00	-20.98	3.26	2.21	1.18	1.18	23.98	0.76	0.76	2
596	☐	256	2.50	81.82	3.98	47.20	Free Surface	0 - 09:59 hrs	11.60	11.60	0.58	0.77	34.62	3.27	2.50	0.00	0.00	1.10	0.00	0.00	0
597	☐	257	2.50	22.36	0.30	47.47	Free Surface	0 - 09:57 hrs	9.85	9.85	2.12	0.95	-25.11	3.27	2.50	0.00	0.75	0.00	0.84	0.00	3
598	☐	258	2.50	30.11	0.54	47.48	ceeds Capac	0 - 09:57 hrs	9.67	9.67	1.58	1.00	-17.37	3.27	2.50	0.66	0.66	0.72	0.65	0.64	2
599	☐	259	2.25	16.81	0.29	19.60	ceeds Capac	0 - 10:12 hrs	4.93	5.49	1.17	1.00	-2.79	1.80	2.25	0.62	0.62	0.67	0.44	0.42	3
600	☐	26	1.50	6.08	0.45	7.65	Backwater	0 - 09:55 hrs	4.33	4.33	1.26	1.00	-1.57	0.33	1.50	0.88	0.88	0.89	0.16	0.25	2
601	☐	260	2.25	19.86	0.41	19.61	Backwater	0 - 10:12 hrs	4.93	5.52	0.99	1.00	0.26	1.81	2.25	0.70	0.70	0.82	0.00	0.05	4
602	☐	261	2.50	23.32	0.32	32.61	ceeds Capac	0 - 09:56 hrs	6.64	6.64	1.40	1.00	-9.28	2.21	2.50	0.64	0.64	0.67	0.63	0.60	1
603	☐	262	2.50	24.26	0.35	32.61	ceeds Capac	0 - 09:56 hrs	6.64	6.64	1.34	1.00	-8.35	2.21	2.50	0.63	0.64	0.65	0.55	0.54	2
604	☐	263	2.00	16.02	0.50	22.42	ceeds Capac	0 - 09:56 hrs	7.18	7.28	1.40	1.00	-6.40	1.24	2.00	0.51	0.54	0.51	0.16	0.08	0
605	☐	264	2.50	25.49	0.39	27.89	ceeds Capac	0 - 10:07 hrs	5.68	5.68	1.09	1.00	-2.39	2.32	2.50	0.86	0.86	0.97	0.32	0.33	2
606	☐	265	2.50	30.82	0.56	37.23	ceeds Capac	0 - 09:56 hrs	7.59	7.59	1.21	1.00	-6.41	3.94	2.50	0.97	0.97	1.10	0.83	0.81	1
607	☐	266	2.50	22.71	0.31	37.25	ceeds Capac	0 - 09:56 hrs	7.60	7.62	1.64	1.00	-14.55	3.84	2.50	0.60	0.90	0.60	1.22	0.60	5
608	☐	267	2.50	26.95	0.43	37.78	ceeds Capac	0 - 09:56 hrs	7.80	8.64	1.40	1.00	-10.83	3.84	2.50	0.55	0.87	0.55	1.00	0.43	5
609	☐	268	2.50	56.64	1.91	36.79	Backwater	0 - 10:36 hrs	9.48	9.83	0.65	1.00	19.85	3.84	2.50	0.55	0.55	0.58	0.00	0.07	4
610	☐	269	2.50	33.18	0.65	35.06	ceeds Capac	0 - 09:55 hrs	7.35	7.72	1.06	1.00	-1.88	3.84	2.50	0.57	0.58	0.62	0.17	0.05	3
611	☐	27	2.00	32.14	2.02	22.91	Free Surface	0 - 10:03 hrs	10.12	10.26	0.71	0.68	9.23	1.10	2.00	0.00	0.00	0.00	0.00	0.00	0
612	☐	270	2.50	38.91	0.90	44.91	ceeds Capac	0 - 09:56 hrs	9.15	9.28	1.15	1.00	-6.00	4.52	2.50	0.58	0.62	0.64	0.26	0.10	3
613	☐	271	2.50	37.73	0.85	44.98	ceeds Capac	0 - 09:56 hrs	9.27	9.27	1.19	1.00	-7.25	4.52	2.50	0.53	0.64	0.53	0.37	0.18	3
614	☐	272	2.50	37.36	0.83	40.20	ceeds Capac	0 - 09:56 hrs	8.36	8.63	1.08	1.00	-2.84	4.52	2.50	0.53	0.73	0.53	0.42	0.16	1
615	☐	273	2.50	17.63	0.18	15.22	Backwater	0 - 00:03 hrs	3.10	3.10	0.86	1.00	2.42	1.75	2.12	23.94	23.94	23.94	0.00	0.00	66
616	☐	274	2.00	7.11	0.10	11.84	ceeds Capac	0 - 10:41 hrs	3.77	3.77	1.67	1.00	-4.73	2.01	1.98	23.84	23.84	23.86	2.78	2.84	67
617	☐	275	4.50	89.91	0.21	55.53	Backwater	0 - 10:06 hrs	3.49	6.38	0.62	1.00	34.39	6.51	4.50	0.70	0.70	0.78	0.00	0.00	4
618	☐	276	6.00	134.48	0.10	321.23	Backwater	0 - 00:01 hrs	11.39	11.39	2.39	1.00	-186.75	4.60	2.35	23.98	23.98	24.00	0.05	0.01	55
619	☐	277	5.00	130.84	0.25	169.25	Backwater	0 - 00:02 hrs	8.91	9.23	1.29	1.00	-38.42	5.75	4.88	23.95	23.95	23.99	0.02	0.00	49
620	☐	278	3.00	81.85	1.51	65.90	Free Surface	0 - 10:04 hrs	10.17	12.80	0.81	0.86	15.95	5.39	3.00	0.00	0.00	0.11	0.00	0.00	0
621	☐	279	3.00	76.61	1.32	79.21	ceeds Capac	0 - 10:07 hrs	11.21	11.21	1.03	1.00	-2.60	6.43	3.00	0.33	0.33	0.39	0.19	0.19	2
622	☐	28	3.00	33.61	0.73	8.98	Free Surface	0 - 09:59 hrs	4.00	4.01	0.27	0.36	24.63	0.39	2.88	0.00	0.00	0.00	0.00	0.00	0
623	☐	280	2.50	10.20	0.06	21.09	Free Surface	0 - 10:18 hrs	4.94	4.94	2.07	0.81	-10.90	2.00	2.50	0.00	0.83	0.00	1.37	0.00	0
624	☐	281	2.50	22.15	0.29	22.15	Backwater	0 - 10:12 hrs	4.51	4.51	1.00	1.00	0.00	1.62	2.50	0.78	0.78	0.83	0.00	0.03	3
625	☐	282	2.50	21.76	0.28	28.77	ceeds Capac	0 - 09:59 hrs	5.86	5.86	1.32	1.00	-7.01	1.66	2.50	0.66	0.66	0.78	0.28	0.30	5
626	☐	283	2.50	28.13	0.47	22.51	Backwater	0 - 10:07 hrs	4.59	4.59	0.80	1.00	5.62	1.36	2.50	0.57	0.57	0.66	0.00	0.00	5
627	☐	284	3.00	92.97	1.94	21.09	Free Surface	0 - 10:06 hrs	7.09	7.60	0.23	0.44	71.87	2.00	2.98	0.00	0.00	0.00	0.00	0.00	0
628	☐	285	3.50	53.00	0.28	60.88	ceeds Capac	0 - 10:03 hrs	6.33	6.33	1.15	1.00	-7.87	4.01	1.37	2.29	2.29	24.00	0.31	0.32	9
629	☐	286	3.00	38.65	0.34	45.74	ceeds Capac	0 - 10:03 hrs	6.47	6.58	1.18	1.00	-7.10	2.77	3.00	0.37	0.37	0.39	0.28	0.26	2
630	☐	287	2.00	18.26	0.65	14.95	Backwater	0 - 10:15 hrs	4.76	4.76	0.82	1.00	3.31	1.25	2.00	0.61	0.61	0.68	0.00	0.01	5
631	☐	288	2.00	15.17	0.45	14.95	Backwater	0 - 10:15 hrs	4.76	5.42	0.99	1.00	0.22	1.25	2.00	0.52	0.52	0.61	0.00	0.07	3
632	☐	289	2.75	53.30	1.02	26.43	Backwater	0 - 00:01 hrs	5.38	5.38	0.50	1.00	26.87	1.23	2.33	23.94	23.94	23.96	0.00	0.00	76
633	☐	29	3.00	30.53	0.60	8.91	Free Surface	0 - 10:04 hrs	3.77	3.79	0.29	0.37	21.62	0.39	2.89	0.00	0.00	0.00	0.00	0.00	0
634	☐	290	2.00	26.53	1.38	8.68	Backwater	0 - 10:03 hrs	2.76	2.76	0.33	1.00	17.85	0.03	1.98	0.58	0.58	1.17	0.00	0.00	4
635	☐	291	3.00	30.57	0.21	23.27	Backwater	0 - 10:48 hrs	3.44	3.51	0.76	1.00	7.30	2.45	3.00	0.83	0.83	0.91	0.00	0.00	1
636	☐	292	3.00	30.61	0.21	29.67	Backwater	0 - 09:55 hrs	4.45	4.84	0.97	1.00	0.94	2.43	3.00	0.74	0.74	0.83	0.00	0.00	0
637	☐	294	5.50	180.50	0.29	236.74	ceeds Capac	0 - 09:57 hrs	9.99	9.99	1.31	1.00	-56.25	31.54	5.50	1.26	1.29	1.26	1.39	1.24	8

EXISTING CONDITIONS 5-YR 24-HR CONDUITS

		ID	Full Depth (ft)	Full Flow (cfs)	Percent Slope (%)	Maximum Flow (cfs)	Maximum Flow Class	Max.Flow Day-Time (day-time)	Velocity at Maximum Flow (ft/s)	Maximum Velocity (ft/s)	Max.Flow/Fu ll Flow	Max.Depth/F ull Depth	Reserve Capacity (cfs)	Total Flow Volume (MG)	Maximum Top Width (ft)	Both End Surcharge Time (hrs)	Upstream Surcharge Time (hrs)	Downstream Surcharge Time (hrs)	Above Full-Flow Time (hrs)	Capacity Limited Time (hrs)	Instability Index
638	☐	295	4.00	66.66	0.22	87.67	ceeds Capac	0 - 10:02 hrs	6.98	6.98	1.32	1.00	-21.01	5.17	4.00	3.15	3.15	3.30	0.29	0.32	24
639	☐	296	3.00	55.43	0.69	64.18	ceeds Capac	0 - 09:59 hrs	9.08	9.16	1.16	1.00	-8.75	3.48	3.00	0.20	0.20	0.20	0.11	0.09	0
640	☐	297	4.50	75.58	0.15	75.79	Backwater	0 - 09:56 hrs	6.44	7.28	1.00	1.00	-0.21	8.46	4.50	1.08	1.08	1.09	0.00	0.24	9
641	☐	298	3.50	88.51	0.77	37.31	Backwater	0 - 10:03 hrs	3.88	5.03	0.42	1.00	51.19	1.69	3.50	0.86	0.86	1.03	0.00	0.00	5
642	☐	299	3.50	42.16	0.18	48.42	Backwater	0 - 10:00 hrs	6.27	6.85	1.15	1.00	-6.26	6.12	3.50	0.59	0.59	0.65	0.14	0.01	3
643	☐	30	3.00	47.16	0.50	45.18	Free Surface	0 - 10:15 hrs	7.79	7.79	0.96	0.76	1.98	5.13	3.00	0.00	0.00	0.00	0.00	0.00	0
644	☐	300	3.50	81.62	0.66	45.97	Backwater	0 - 09:59 hrs	5.80	6.76	0.56	1.00	35.65	6.11	3.50	0.65	0.65	1.03	0.00	0.00	3
645	☐	301	4.50	90.16	0.21	77.23	Backwater	0 - 09:57 hrs	5.58	6.44	0.86	1.00	12.92	7.76	4.50	0.91	0.91	0.97	0.00	0.00	6
646	☐	302	4.50	99.35	0.26	72.55	Backwater	0 - 09:57 hrs	5.38	5.95	0.73	1.00	26.81	7.76	4.50	0.97	0.97	1.04	0.00	0.00	6
647	☐	303	4.50	75.51	0.15	73.79	Backwater	0 - 09:57 hrs	5.00	5.93	0.98	1.00	1.73	8.05	4.50	1.04	1.04	1.08	0.00	0.01	7
648	☐	304	4.00	14.36	0.01	38.67	ceeds Capac	0 - 09:59 hrs	6.25	6.30	2.69	1.00	-24.30	1.69	4.00	0.82	0.82	0.82	0.59	0.41	8
649	☐	305	3.50	67.92	0.46	53.55	Free Surface	0 - 10:04 hrs	6.77	6.78	0.79	0.77	14.37	5.47	3.50	0.00	0.00	0.00	0.00	0.00	0
650	☐	306	2.50	34.84	0.72	63.85	ceeds Capac	0 - 09:59 hrs	13.01	13.01	1.83	1.00	-29.01	5.35	2.50	1.22	1.22	1.28	0.67	0.70	5
651	☐	307	2.50	34.80	0.72	33.50	Backwater	0 - 09:53 hrs	6.82	6.82	0.96	1.00	1.30	3.99	2.50	0.93	0.93	1.22	0.00	0.00	6
652	☐	308	2.50	34.81	0.72	33.50	Backwater	0 - 09:53 hrs	6.83	7.97	0.96	1.00	1.30	3.99	2.50	0.69	0.69	0.93	0.00	0.00	4
653	☐	309	2.00	19.19	0.72	23.60	ceeds Capac	0 - 09:52 hrs	7.51	7.51	1.23	1.00	-4.41	3.11	2.00	0.80	0.82	0.84	0.17	0.08	2
654	☐	31	2.00	38.11	2.84	7.22	Free Surface	0 - 10:04 hrs	7.08	7.11	0.19	0.36	30.89	0.30	2.00	0.00	0.00	0.00	0.00	0.00	0
655	☐	310	2.00	19.20	0.72	23.60	ceeds Capac	0 - 09:52 hrs	7.51	7.51	1.23	1.00	-4.40	3.12	2.00	0.76	0.77	0.82	0.16	0.12	3
656	☐	311	3.00	39.31	0.35	30.84	Backwater	0 - 09:59 hrs	4.36	6.00	0.78	1.00	8.47	3.12	3.00	0.81	0.81	0.95	0.00	0.01	4
657	☐	312	3.00	32.26	0.23	29.10	Backwater	0 - 09:53 hrs	4.54	5.35	0.90	1.00	3.15	2.84	3.00	0.69	0.69	0.81	0.00	0.00	4
658	☐	313	3.00	31.49	0.22	34.17	Backwater	0 - 09:55 hrs	5.44	5.47	1.09	1.00	-2.68	2.84	3.00	0.63	0.63	0.69	0.01	0.00	4
659	☐	314	2.50	92.75	5.11	87.82	Free Surface	0 - 09:59 hrs	21.49	21.49	0.95	0.78	4.94	4.81	2.50	0.00	0.00	0.00	0.00	0.00	0
660	☐	315	2.50	40.85	0.99	30.67	Backwater	0 - 09:56 hrs	6.25	6.79	0.75	1.00	10.18	2.03	2.50	0.40	0.40	0.45	0.00	0.01	1
661	☐	316	2.25	22.68	0.54	33.34	ceeds Capac	0 - 10:03 hrs	8.38	8.38	1.47	1.00	-10.66	1.72	2.25	0.25	0.28	0.25	0.32	0.25	0
662	☐	317	2.25	23.82	0.59	26.54	ceeds Capac	0 - 10:06 hrs	6.67	6.67	1.11	1.00	-2.72	1.40	2.25	0.25	0.25	0.28	0.17	0.18	1
663	☐	318	6.50	235.08	0.20	229.97	Backwater	0 - 10:07 hrs	6.93	7.87	0.98	1.00	5.11	18.06	6.50	0.02	0.02	0.03	0.00	0.01	0
664	☐	319	7.00	498.96	0.61	429.66	Free Surface	0 - 10:11 hrs	12.01	12.01	0.86	0.88	69.30	50.56	6.99	0.00	0.00	1.41	0.00	0.00	1
665	☐	32	2.50	34.62	0.71	26.17	Backwater	0 - 10:11 hrs	5.33	5.79	0.76	1.00	8.45	5.13	2.50	0.84	0.84	1.30	0.00	0.00	6
666	☐	320	6.50	1,324.50	6.38	411.21	Free Surface	0 - 10:11 hrs	19.88	20.77	0.31	0.60	913.30	49.30	6.50	0.00	0.00	0.00	0.00	0.00	0
667	☐	323	6.50	906.48	2.99	411.21	Free Surface	0 - 10:11 hrs	21.28	22.21	0.45	0.56	495.27	49.31	6.50	0.00	0.00	0.00	0.00	0.00	0
668	☐	327	6.50	389.40	0.55	417.21	Free Surface	0 - 10:07 hrs	13.32	13.49	1.07	0.90	-27.81	49.27	6.50	0.00	0.00	0.00	0.33	0.00	0
669	☐	33	1.50	7.34	0.65	7.55	Free Surface	0 - 09:59 hrs	4.88	4.89	1.03	0.82	-0.21	0.30	1.50	0.00	0.00	0.00	0.01	0.00	0
670	☐	331	6.50	416.85	0.63	418.16	Free Surface	0 - 10:04 hrs	13.80	14.36	1.00	0.86	-1.31	49.39	6.50	0.00	0.00	0.00	0.04	0.00	0
671	☐	332	3.00	41.29	0.38	39.89	Backwater	0 - 10:08 hrs	5.64	6.84	0.97	1.00	1.40	3.73	3.00	0.82	0.82	0.93	0.00	0.05	6
672	☐	333	2.50	4.10	0.01	35.72	Backwater	0 - 09:59 hrs	7.28	7.28	8.71	1.00	-31.62	5.92	2.50	1.68	1.68	2.76	20.53	0.00	18
673	☐	334	2.50	18.09	0.19	35.73	Backwater	0 - 09:59 hrs	7.28	7.28	1.97	1.00	-17.63	5.92	2.50	2.81	2.81	2.94	3.19	0.08	23
674	☐	335	2.50	4.10	0.01	18.12	Backwater	0 - 10:07 hrs	3.69	3.69	4.42	1.00	-14.01	0.98	2.50	19.93	19.93	19.96	1.43	5.64	68
675	☐	336	4.00	27.11	0.04	93.87	ceeds Capac	0 - 09:59 hrs	7.48	7.48	3.46	1.00	-66.76	6.84	4.00	0.80	0.83	0.80	1.64	0.67	6
676	☐	337	3.50	40.29	0.16	31.50	Backwater	0 - 10:38 hrs	3.27	3.27	0.78	1.00	8.79	4.00	3.50	3.62	3.62	6.13	0.00	0.06	40
677	☐	338	2.50	16.69	0.17	19.32	ceeds Capac	0 - 10:11 hrs	3.93	3.93	1.16	1.00	-2.63	1.77	2.50	0.85	0.85	0.87	0.54	0.45	7
678	☐	339	4.50	76.04	0.15	73.66	Backwater	0 - 10:03 hrs	4.63	4.63	0.97	1.00	2.38	0.39	4.50	1.02	1.02	1.04	0.00	0.07	7
679	☐	34	3.00	17.48	0.07	24.33	ceeds Capac	0 - 10:21 hrs	3.44	3.47	1.39	1.00	-6.85	2.37	2.99	23.64	23.64	23.70	0.74	0.79	32
680	☐	340	3.00	37.05	0.31	45.74	ceeds Capac	0 - 10:03 hrs	6.47	6.47	1.23	1.00	-8.69	2.77	3.00	0.33	0.33	0.37	0.30	0.29	1
681	☐	341	2.25	31.37	1.03	21.25	Backwater	0 - 10:08 hrs	5.35	6.40	0.68	1.00	10.12	1.30	2.25	0.36	0.36	0.39	0.00	0.05	1
682	☐	342	4.00	87.19	1.06	142.21	Free Surface	0 - 10:04 hrs	11.59	11.59	1.63	0.94	-55.02	8.50	4.00	0.00	0.22	0.00	0.41	0.00	0
683	☐	343	3.00	60.48	0.82	68.84	Free Surface	0 - 10:03 hrs	9.98	9.98	1.14	0.94	-8.36	5.00	3.00	0.00	0.11	0.00	0.23	0.00	0
684	☐	344	3.00	48.98	0.54	46.08	Free Surface	0 - 10:07 hrs	6.87	7.45	0.94	0.92	2.89	3.81	3.00	0.00	0.00	0.11	0.00	0.00	0
685	☐	345	3.00	53.10	0.63	28.54	Free Surface	0 - 10:00 hrs	5.94	6.15	0.54	0.68	24.56	2.32	3.00	0.00	0.00	0.00	0.00	0.00	0
686	☐	347	5.00	163.50	1.13	184.73	Free Surface	0 - 10:03 hrs	12.10	12.10	1.13	0.73	-21.23	14.00	5.00	0.00	0.26	0.00	0.29	0.00	0

EXISTING CONDITIONS 5-YR 24-HR CONDUITS

		ID	Full Depth (ft)	Full Flow (cfs)	Percent Slope (%)	Maximum Flow (cfs)	Maximum Flow Class	Max.Flow Day-Time (day-time)	Velocity at Maximum Flow (ft/s)	Maximum Velocity (ft/s)	Max.Flow/Fu ll Flow	Max.Depth/F ull Depth	Reserve Capacity (cfs)	Total Flow Volume (MG)	Maximum Top Width (ft)	Both End Surcharge Time (hrs)	Upstream Surcharge Time (hrs)	Downstream Surcharge Time (hrs)	Above Full-Flow Time (hrs)	Capacity Limited Time (hrs)	Instability Index
687	☐	348	3.50	55.39	0.87	79.52	ceeds Capac	0 - 09:56 hrs	8.33	8.58	1.44	1.00	-24.14	5.89	3.50	0.35	0.45	0.35	0.62	0.35	2
688	☐	349	2.25	29.68	0.92	39.73	ceeds Capac	0 - 10:17 hrs	9.99	10.04	1.34	1.00	-10.04	3.26	2.25	0.37	0.63	0.37	0.69	0.37	2
689	☐	35	4.50	82.26	0.18	88.32	ceeds Capac	0 - 10:03 hrs	5.55	5.55	1.07	1.00	-6.06	13.17	4.50	14.57	14.57	14.84	0.29	0.43	53
690	☐	350	1.50	14.96	2.70	7.89	Backwater	0 - 09:56 hrs	4.62	4.65	0.53	1.00	7.07	0.00	1.50	0.54	0.54	0.64	0.00	0.00	8
691	☐	351	3.50	57.28	0.93	79.53	ceeds Capac	0 - 09:56 hrs	8.27	8.27	1.39	1.00	-22.25	5.89	3.50	0.44	0.50	0.44	0.60	0.44	1
692	☐	352	3.50	96.03	0.91	87.38	Backwater	0 - 10:03 hrs	9.08	9.08	0.91	1.00	8.65	5.96	3.50	0.50	0.51	0.53	0.00	0.04	1
693	☐	353	4.50	152.34	0.60	160.45	ceeds Capac	0 - 10:03 hrs	10.09	10.09	1.05	1.00	-8.10	12.92	4.50	0.25	0.25	0.41	0.20	0.17	0
694	☐	354	3.50	84.00	2.00	82.03	Backwater	0 - 09:57 hrs	8.56	8.56	0.98	1.00	1.97	5.89	3.50	0.35	0.35	0.38	0.00	0.03	2
695	☐	355	3.50	50.22	0.25	60.88	ceeds Capac	0 - 10:03 hrs	6.33	6.33	1.21	1.00	-10.66	4.02	3.35	0.63	0.63	2.30	0.33	0.33	12
696	☐	356	3.50	85.20	0.72	60.89	Backwater	0 - 10:03 hrs	6.33	6.33	0.71	1.00	24.32	4.03	3.47	0.60	0.60	0.63	0.00	0.06	15
697	☐	357	3.50	68.50	0.46	48.90	Backwater	0 - 10:11 hrs	5.08	5.08	0.71	1.00	19.60	3.38	3.50	0.45	0.45	0.60	0.00	0.00	15
698	☐	358	3.00	50.05	0.56	48.86	Backwater	0 - 10:11 hrs	6.91	6.91	0.98	1.00	1.19	3.39	3.00	0.44	0.44	0.50	0.00	0.12	11
699	☐	359	3.00	30.13	0.20	48.88	ceeds Capac	0 - 10:11 hrs	6.92	6.92	1.62	1.00	-18.75	3.40	3.00	0.44	0.49	0.44	0.62	0.44	9
700	☐	360	3.00	13.51	0.04	48.87	ceeds Capac	0 - 10:11 hrs	6.91	6.91	3.62	1.00	-35.36	3.40	3.00	0.46	0.52	0.46	1.58	0.45	4
701	☐	361	3.00	18.72	0.08	48.87	ceeds Capac	0 - 10:11 hrs	6.91	6.91	2.61	1.00	-30.15	3.40	3.00	0.47	0.48	0.47	1.02	0.44	4
702	☐	362	3.00	33.26	0.25	48.87	ceeds Capac	0 - 10:11 hrs	6.91	6.91	1.47	1.00	-15.62	3.40	3.00	0.48	0.49	0.48	0.57	0.47	4
703	☐	363	3.00	48.85	0.54	39.50	Backwater	0 - 10:11 hrs	5.59	5.59	0.81	1.00	9.35	2.71	3.00	0.39	0.39	0.49	0.00	0.00	3
704	☐	364	2.25	19.82	0.41	21.26	ceeds Capac	0 - 10:08 hrs	5.35	5.35	1.07	1.00	-1.44	1.30	2.25	0.39	0.39	0.39	0.09	0.16	1
705	☐	365	3.00	59.70	0.80	45.75	Backwater	0 - 10:03 hrs	6.47	7.40	0.77	1.00	13.94	2.77	3.00	0.31	0.31	0.33	0.00	0.05	2
706	☐	366	2.25	31.61	1.04	26.86	Backwater	0 - 10:04 hrs	6.76	8.52	0.85	1.00	4.74	1.34	2.25	0.24	0.24	0.36	0.00	0.00	0
707	☐	367	2.00	35.55	2.47	26.87	Free Surface	0 - 10:03 hrs	9.42	11.97	0.76	0.85	8.68	1.34	2.00	0.00	0.00	0.24	0.00	0.00	0
708	☐	368	2.00	4.64	0.12	58.24	Backwater	0 - 00:00 hrs	10.86	10.86	6.27	1.00	-53.60	19.78	0.78	24.00	24.00	24.00	24.00	0.00	0
709	☐	37	3.50	46.74	0.22	30.33	Backwater	0 - 10:00 hrs	3.15	3.15	0.65	1.00	16.41	7.86	3.50	19.32	19.32	19.71	0.00	0.00	19
710	☐	370	5.00	99.99	0.42	320.17	ceeds Capac	0 - 10:03 hrs	16.31	16.31	3.20	1.00	-220.18	22.33	5.00	17.19	17.19	17.49	1.60	1.68	68
711	☐	372	3.00	91.62	1.89	90.94	Backwater	0 - 10:03 hrs	12.87	12.87	0.99	1.00	0.68	6.91	3.00	14.15	14.15	18.18	0.00	0.01	58
712	☐	373	3.00	102.13	2.34	90.93	Backwater	0 - 10:03 hrs	12.86	12.86	0.89	1.00	11.20	6.92	3.00	1.08	1.08	14.12	0.00	0.00	60
713	☐	374	3.00	94.52	2.01	10.64	Backwater	0 - 09:59 hrs	1.80	2.08	0.11	1.00	83.89	0.00	3.00	0.20	0.20	0.97	0.00	0.00	4
714	☐	375	3.00	83.84	1.58	90.92	ceeds Capac	0 - 10:03 hrs	12.86	13.55	1.08	1.00	-7.08	6.92	3.00	0.45	0.45	0.85	0.22	0.20	3
715	☐	376	3.00	76.52	1.32	90.92	ceeds Capac	0 - 10:03 hrs	12.86	12.86	1.19	1.00	-14.39	6.93	3.00	0.39	0.40	0.44	0.32	0.30	2
716	☐	377	3.00	59.36	0.79	79.19	ceeds Capac	0 - 10:07 hrs	11.20	11.20	1.33	1.00	-19.83	6.42	3.00	0.37	0.39	0.37	0.48	0.37	2
717	☐	378	2.00	70.66	9.76	21.74	Free Surface	0 - 09:59 hrs	9.39	9.39	0.31	0.69	48.93	1.06	2.00	0.00	0.00	0.45	0.00	0.00	0
718	☐	379	2.00	37.37	2.73	21.47	Free Surface	0 - 10:03 hrs	12.30	12.30	0.57	0.54	15.90	1.06	2.00	0.00	0.00	0.00	0.00	0.00	0
719	☐	38	6.00	182.12	0.18	123.93	Backwater	0 - 10:03 hrs	4.38	4.38	0.68	1.00	58.19	6.51	5.79	19.75	19.75	24.00	0.00	0.00	8
720	☐	380	3.00	76.52	1.32	62.55	Backwater	0 - 09:59 hrs	9.85	10.65	0.82	1.00	13.97	5.37	3.00	0.29	0.29	0.33	0.00	0.00	1
721	☐	381	3.00	49.13	0.54	64.04	ceeds Capac	0 - 09:59 hrs	9.15	9.26	1.30	1.00	-14.91	5.37	3.00	0.28	0.31	0.28	0.46	0.28	1
722	☐	382	3.00	62.05	0.87	63.31	ceeds Capac	0 - 09:59 hrs	9.25	9.25	1.02	1.00	-1.26	5.37	3.00	0.26	0.26	0.31	0.04	0.02	1
723	☐	383	3.00	85.38	1.64	65.90	Backwater	0 - 10:04 hrs	9.32	11.43	0.77	1.00	19.48	5.39	3.00	0.21	0.21	0.26	0.00	0.00	1
724	☐	384	3.00	104.54	2.46	65.90	Backwater	0 - 10:04 hrs	9.32	15.03	0.63	1.00	38.64	5.39	3.00	0.11	0.11	0.20	0.00	0.00	1
725	☐	385	3.00	50.03	0.56	28.63	Free Surface	0 - 09:59 hrs	7.29	7.30	0.57	0.54	21.40	2.32	3.00	0.00	0.00	0.00	0.00	0.00	0
726	☐	39	3.50	48.16	0.23	56.67	ceeds Capac	0 - 10:03 hrs	5.89	5.89	1.18	1.00	-8.50	2.88	3.50	0.36	0.36	0.46	0.06	0.06	1
727	☐	390	1.25	2.03	0.13	6.10	ceeds Capac	0 - 09:51 hrs	5.04	5.10	3.00	1.00	-4.07	0.87	1.25	0.94	2.83	0.94	4.63	0.94	13
728	☐	391	2.25	17.40	0.32	24.00	ceeds Capac	0 - 10:00 hrs	6.04	6.04	1.38	1.00	-6.60	1.37	2.25	0.31	0.31	0.34	0.31	0.28	1
729	☐	392	2.50	29.40	0.51	24.00	Backwater	0 - 10:03 hrs	4.89	5.61	0.82	1.00	5.40	1.37	2.50	0.29	0.29	0.57	0.00	0.00	2
730	☐	393	2.00	11.57	0.26	7.40	Backwater	0 - 09:59 hrs	2.36	2.36	0.64	1.00	4.16	0.30	2.00	0.62	0.62	0.85	0.00	0.00	4
731	☐	394	2.25	13.41	0.19	23.99	ceeds Capac	0 - 09:59 hrs	6.03	6.03	1.79	1.00	-10.58	1.37	2.25	0.31	0.34	0.31	0.51	0.31	1
732	☐	395	2.00	14.37	0.40	16.90	ceeds Capac	0 - 10:00 hrs	5.98	6.33	1.18	1.00	-2.53	0.71	2.00	0.27	0.27	0.83	0.07	0.06	2
733	☐	396	4.00	142.14	0.98	34.30	Free Surface	0 - 10:04 hrs	9.39	9.39	0.24	0.33	107.84	1.65	3.77	0.00	0.00	0.00	0.00	0.00	0
734	☐	397	4.00	76.44	0.81	68.66	Free Surface	0 - 10:04 hrs	8.11	8.11	0.90	0.64	7.78	5.00	4.00	0.00	0.00	0.00	0.00	0.00	0
735	☐	398	4.00	210.07	2.14	106.17	Free Surface	0 - 10:04 hrs	10.48	10.48	0.51	0.75	103.90	6.80	4.00	0.00	0.00	0.22	0.00	0.00	0

EXISTING CONDITIONS 5-YR 24-HR CONDUITS

		ID	Full Depth (ft)	Full Flow (cfs)	Percent Slope (%)	Maximum Flow (cfs)	Maximum Flow Class	Max.Flow Day-Time (day-time)	Velocity at Maximum Flow (ft/s)	Maximum Velocity (ft/s)	Max.Flow/Fu ll Flow	Max.Depth/F ull Depth	Reserve Capacity (cfs)	Total Flow Volume (MG)	Maximum Top Width (ft)	Both End Surcharge Time (hrs)	Upstream Surcharge Time (hrs)	Downstream Surcharge Time (hrs)	Above Full-Flow Time (hrs)	Capacity Limited Time (hrs)	Instability Index
736	☐	399	4.00	152.58	1.13	34.07	Free Surface	0 - 10:04 hrs	9.78	9.78	0.22	0.32	118.51	1.65	3.94	0.00	0.00	0.00	0.00	0.00	0
737	☐	4	3.50	17.13	0.03	106.16	ceeds Capac	0 - 00:00 hrs	11.09	11.09	6.20	1.00	-89.03	4.00	2.02	23.97	23.97	24.00	1.42	1.44	3
738	☐	40	4.50	118.51	0.36	128.20	ceeds Capac	0 - 09:59 hrs	8.06	8.78	1.08	1.00	-9.69	26.11	4.50	1.60	1.60	1.82	0.05	0.03	6
739	☐	400	2.00	25.79	1.30	17.51	Free Surface	0 - 10:03 hrs	8.82	8.82	0.68	0.60	8.29	0.82	2.00	0.00	0.00	0.00	0.00	0.00	0
740	☐	401	2.00	31.16	1.90	18.83	Free Surface	0 - 10:04 hrs	9.91	10.29	0.60	0.58	12.33	0.88	2.00	0.00	0.00	0.00	0.00	0.00	0
741	☐	402	2.00	37.59	2.76	18.84	Free Surface	0 - 10:03 hrs	11.97	11.97	0.50	0.50	18.75	0.88	2.00	0.00	0.00	0.00	0.00	0.00	0
742	☐	403	2.00	35.69	2.49	18.73	Free Surface	0 - 10:04 hrs	10.17	10.33	0.52	0.57	16.96	0.88	2.00	0.00	0.00	0.00	0.00	0.00	0
743	☐	404	2.25	41.01	1.75	0.38	Backwater	0 - 11:26 hrs	0.10	0.10	0.01	1.00	40.63	0.00	2.25	1.53	1.53	2.72	0.00	0.00	19
744	☐	405	2.25	24.41	0.62	36.19	ceeds Capac	0 - 09:57 hrs	9.10	9.10	1.48	1.00	-11.79	2.70	2.25	5.25	5.25	6.83	0.59	0.53	28
745	☐	406	4.00	93.22	0.42	180.02	ceeds Capac	0 - 09:56 hrs	14.33	14.33	1.93	1.00	-86.80	22.51	4.00	1.31	1.34	1.31	1.85	1.30	10
746	☐	407	4.50	109.82	0.31	179.99	ceeds Capac	0 - 09:56 hrs	11.32	11.32	1.64	1.00	-70.18	22.50	4.50	1.21	1.23	1.21	1.41	1.21	10
747	☐	408	4.50	147.35	0.56	179.92	ceeds Capac	0 - 09:56 hrs	11.31	11.31	1.22	1.00	-32.56	22.50	4.50	1.23	1.23	1.26	0.08	0.17	10
748	☐	409	5.00	77.24	0.09	179.97	ceeds Capac	0 - 09:56 hrs	9.17	9.22	2.33	1.00	-102.73	22.50	5.00	1.15	1.17	1.15	2.54	1.12	10
749	☐	41	5.00	152.20	0.34	186.08	ceeds Capac	0 - 09:56 hrs	9.48	9.75	1.22	1.00	-33.89	29.11	5.00	0.76	0.82	0.76	1.68	0.76	5
750	☐	410	5.00	176.19	0.46	181.11	ceeds Capac	0 - 09:56 hrs	9.22	9.28	1.03	1.00	-4.91	22.49	5.00	1.15	1.15	1.20	0.01	0.02	10
751	☐	411	5.50	215.45	0.41	244.00	ceeds Capac	0 - 09:56 hrs	10.84	10.89	1.13	1.00	-28.55	31.54	5.50	1.15	1.15	1.27	0.04	0.03	10
752	☐	412	5.50	310.04	0.85	237.59	Backwater	0 - 09:56 hrs	10.06	10.93	0.77	1.00	72.45	31.55	5.50	1.27	1.27	1.29	0.00	0.24	10
753	☐	413	5.50	184.15	0.30	231.72	ceeds Capac	0 - 09:57 hrs	9.76	9.76	1.26	1.00	-47.57	31.52	5.50	1.25	1.26	1.25	1.38	1.18	8
754	☐	414	2.00	31.58	5.58	9.99	Backwater	0 - 09:59 hrs	3.18	3.80	0.32	1.00	21.60	0.43	2.00	0.90	0.90	1.92	0.00	0.00	8
755	☐	415	2.00	9.34	0.49	9.92	ceeds Capac	0 - 09:59 hrs	3.16	5.16	1.06	1.00	-0.58	0.42	2.00	0.88	0.88	0.90	0.02	0.06	8
756	☐	416	4.00	115.59	0.55	112.30	Backwater	0 - 09:59 hrs	8.94	8.94	0.97	1.00	3.29	6.34	3.99	4.05	4.06	4.35	0.00	0.04	23
757	☐	417	4.00	25.10	0.03	112.23	ceeds Capac	0 - 09:59 hrs	8.93	8.93	4.47	1.00	-87.13	6.34	4.00	3.88	3.90	3.89	1.52	2.07	24
758	☐	418	4.50	136.92	0.48	200.01	ceeds Capac	0 - 09:56 hrs	12.58	12.58	1.46	1.00	-63.09	16.53	4.50	1.05	1.05	1.11	0.59	0.56	7
759	☐	419	2.00	29.93	1.75	139.62	ceeds Capac	0 - 12:52 hrs	88.55	88.55	4.66	1.00	-109.68	6.27	2.00	2.13	2.82	2.24	2.09	1.31	2
760	☐	42	4.00	50.70	0.12	100.11	ceeds Capac	0 - 09:55 hrs	8.03	8.05	1.97	1.00	-49.41	21.50	4.00	1.58	1.68	1.58	4.32	1.28	7
761	☐	420	3.00	95.63	2.06	44.43	Backwater	0 - 10:19 hrs	6.29	6.29	0.46	1.00	51.20	0.46	3.00	1.18	1.18	1.26	0.00	0.00	8
762	☐	421	3.00	132.41	3.94	65.50	Backwater	0 - 12:52 hrs	14.96	14.96	0.49	1.00	66.91	6.24	3.00	0.98	0.98	1.25	0.00	0.00	3
763	☐	422	4.50	135.52	0.47	180.03	ceeds Capac	0 - 09:56 hrs	11.32	11.32	1.33	1.00	-44.51	22.51	4.50	1.25	1.25	1.26	0.61	0.58	9
764	☐	423	4.50	147.25	0.56	175.96	ceeds Capac	0 - 09:56 hrs	11.06	11.06	1.19	1.00	-28.71	22.34	4.50	1.13	1.13	1.23	0.08	0.07	8
765	☐	424	4.50	144.21	0.54	70.69	Backwater	0 - 10:07 hrs	4.44	5.45	0.49	1.00	73.53	8.47	4.50	1.09	1.09	1.27	0.00	0.00	9
766	☐	425	2.00	10.86	0.23	35.51	ceeds Capac	0 - 09:57 hrs	11.30	11.30	3.27	1.00	-24.64	2.11	2.00	0.25	0.84	0.25	1.04	0.25	0
767	☐	426	1.75	6.48	0.22	9.82	ceeds Capac	0 - 10:41 hrs	4.08	4.08	1.51	1.00	-3.33	3.49	1.72	22.28	22.28	23.80	1.76	1.79	55
768	☐	427	1.75	4.84	0.12	7.98	ceeds Capac	0 - 10:40 hrs	3.32	3.32	1.65	1.00	-3.14	0.96	1.74	22.70	22.70	23.87	1.35	1.36	28
769	☐	428	2.00	5.22	0.05	11.69	ceeds Capac	0 - 00:06 hrs	4.33	5.63	2.24	1.00	-6.47	0.98	1.78	23.86	23.86	23.92	1.36	1.55	60
770	☐	429	2.00	12.74	0.32	21.02	Backwater	0 - 00:03 hrs	6.94	8.12	1.65	1.00	-8.28	1.00	1.39	23.95	23.95	23.96	0.03	0.00	63
771	☐	43	3.33	62.69	0.50	48.92	Backwater	0 - 00:00 hrs	5.82	5.92	0.78	1.00	13.76	2.09	1.88	0.01	0.01	24.00	0.00	0.01	2
772	☐	430	4.50	53.26	0.07	59.31	ceeds Capac	0 - 10:03 hrs	3.73	4.71	1.11	1.00	-6.05	4.94	4.47	2.60	2.60	23.79	0.41	0.39	11
773	☐	431	2.00	11.40	0.25	16.88	ceeds Capac	0 - 09:59 hrs	5.37	5.37	1.48	1.00	-5.47	0.81	2.00	1.15	1.15	23.71	0.27	0.26	3
774	☐	432	3.50	20.12	0.04	53.97	ceeds Capac	0 - 10:00 hrs	5.61	5.65	2.68	1.00	-33.85	8.76	3.48	23.87	23.87	23.89	3.27	3.20	61
775	☐	433	3.00	27.27	0.17	28.71	Backwater	0 - 00:07 hrs	5.23	5.32	1.05	1.00	-1.43	5.14	3.00	23.84	23.84	23.89	0.01	0.00	63
776	☐	434	3.00	50.61	0.58	22.25	Backwater	0 - 10:42 hrs	3.15	4.57	0.44	1.00	28.36	5.16	2.98	23.84	23.84	23.84	0.00	0.17	76
777	☐	436	3.00	25.35	0.14	24.33	Backwater	0 - 10:21 hrs	3.44	3.44	0.96	1.00	1.02	2.35	2.96	23.68	23.68	23.78	0.00	0.05	34
778	☐	437	3.00	30.56	0.21	39.84	ceeds Capac	0 - 09:53 hrs	5.67	5.77	1.30	1.00	-9.27	4.54	3.00	0.88	0.91	0.88	0.57	0.44	2
779	☐	438	3.50	37.58	0.14	55.42	ceeds Capac	0 - 00:03 hrs	6.17	6.17	1.47	1.00	-17.84	8.73	3.45	23.91	23.91	23.93	1.09	1.14	73
780	☐	439	2.50	23.23	0.32	30.36	Backwater	0 - 00:02 hrs	6.66	6.66	1.31	1.00	-7.13	1.01	0.98	23.96	23.96	23.97	0.01	0.00	65
781	☐	44	1.75	9.51	0.48	7.92	Free Surface	0 - 10:08 hrs	3.52	4.25	0.83	0.98	1.59	0.33	1.75	0.00	0.00	0.26	0.00	0.00	0
782	☐	440	2.50	16.98	0.17	43.24	ceeds Capac	0 - 00:01 hrs	9.04	9.04	2.55	1.00	-26.26	1.01	1.48	23.97	23.98	23.97	0.03	0.02	66
783	☐	441	2.50	31.55	0.59	63.61	Backwater	0 - 00:01 hrs	15.27	15.27	2.02	1.00	-32.06	1.02	0.98	23.98	23.98	23.99	0.02	0.00	67
784	☐	442	2.50	18.59	0.21	31.08	ceeds Capac	0 - 00:02 hrs	6.56	16.12	1.67	1.00	-12.50	1.00	2.25	23.96	23.96	23.96	0.01	0.38	69

EXISTING CONDITIONS 5-YR 24-HR CONDUITS

		ID	Full Depth (ft)	Full Flow (cfs)	Percent Slope (%)	Maximum Flow (cfs)	Maximum Flow Class	Max.Flow Day-Time (day-time)	Velocity at Maximum Flow (ft/s)	Maximum Velocity (ft/s)	Max.Flow/Fu ll Flow	Max.Depth/F ull Depth	Reserve Capacity (cfs)	Total Flow Volume (MG)	Maximum Top Width (ft)	Both End Surcharge Time (hrs)	Upstream Surcharge Time (hrs)	Downstream Surcharge Time (hrs)	Above Full-Flow Time (hrs)	Capacity Limited Time (hrs)	Instability Index
785	☐	443	2.00	10.73	0.23	13.48	Backwater	0 - 00:04 hrs	4.59	6.49	1.26	1.00	-2.75	0.99	1.92	23.92	23.92	23.95	0.08	0.00	60
786	☐	444	4.00	95.28	0.44	25.55	Backwater	0 - 00:04 hrs	2.95	2.96	0.27	1.00	69.73	1.03	3.98	1.79	1.79	23.93	0.00	0.00	80
787	☐	445	4.00	100.14	0.49	51.01	Backwater	0 - 00:03 hrs	4.50	4.60	0.51	1.00	49.13	1.00	3.86	23.92	23.92	23.97	0.00	0.00	87
788	☐	446	2.00	22.65	1.00	14.19	Backwater	0 - 10:04 hrs	4.52	4.52	0.63	1.00	8.46	0.64	1.64	0.39	0.39	23.98	0.00	0.00	51
789	☐	447	2.00	22.23	0.97	28.61	Backwater	0 - 00:01 hrs	9.43	9.43	1.29	1.00	-6.38	0.63	0.78	23.98	23.98	23.98	0.00	0.00	60
790	☐	448	2.00	26.24	1.35	54.04	Backwater	0 - 00:00 hrs	17.20	17.20	2.06	1.00	-27.80	0.63	0.78	23.99	23.99	23.99	0.00	0.00	67
791	☐	449	5.00	57.62	0.05	361.82	ceeds Capac	0 - 00:00 hrs	18.43	18.43	6.28	1.00	-304.20	17.88	1.96	23.99	23.99	24.00	2.50	2.34	40
792	☐	45	1.75	9.69	0.50	8.26	Free Surface	0 - 09:59 hrs	4.79	4.79	0.85	0.75	1.43	0.33	1.75	0.00	0.00	0.00	0.00	0.00	0
793	☐	450	5.00	158.38	0.37	179.11	ceeds Capac	0 - 09:59 hrs	9.12	9.12	1.13	1.00	-20.72	17.26	1.96	23.96	23.96	23.99	0.46	0.46	13
794	☐	451	5.00	105.80	0.17	153.31	ceeds Capac	0 - 10:03 hrs	7.81	7.81	1.45	1.00	-47.50	14.88	4.94	23.91	23.91	23.93	0.83	0.83	77
795	☐	452	5.00	99.96	0.15	105.49	ceeds Capac	0 - 10:17 hrs	5.37	5.37	1.06	1.00	-5.53	11.28	4.98	1.71	1.71	2.31	0.21	0.30	10
796	☐	453	5.00	122.14	0.22	105.50	Backwater	0 - 10:17 hrs	5.37	5.37	0.86	1.00	16.64	11.32	5.00	1.33	1.33	1.71	0.00	0.01	11
797	☐	454	5.00	111.77	0.18	105.50	Backwater	0 - 10:17 hrs	5.37	5.37	0.94	1.00	6.27	11.19	4.97	2.93	2.93	23.84	0.00	0.01	30
798	☐	455	5.00	134.73	0.27	119.74	Backwater	0 - 10:17 hrs	6.10	6.10	0.89	1.00	14.99	12.52	4.95	23.81	23.81	23.91	0.00	0.00	75
799	☐	456	2.00	22.05	0.95	17.31	Backwater	0 - 09:55 hrs	5.51	5.51	0.78	1.00	4.74	1.41	1.91	23.82	23.82	23.92	0.00	0.00	79
800	☐	457	2.00	8.44	0.14	17.36	Backwater	0 - 09:55 hrs	5.53	5.53	2.06	1.00	-8.92	1.41	2.00	23.82	23.82	23.82	0.97	4.48	88
801	☐	458	2.00	12.96	0.33	17.36	ceeds Capac	0 - 09:55 hrs	5.53	5.53	1.34	1.00	-4.40	1.42	2.00	2.42	2.42	23.78	0.54	0.48	70
802	☐	459	2.00	16.25	0.52	17.35	ceeds Capac	0 - 09:55 hrs	5.52	5.52	1.07	1.00	-1.10	1.42	2.00	1.57	1.57	2.48	0.02	0.02	14
803	☐	46	1.50	1.02	0.01	8.05	Backwater	0 - 09:49 hrs	4.56	4.56	7.88	1.00	-7.03	0.94	1.50	1.89	1.89	2.08	11.67	0.00	15
804	☐	460	2.00	29.83	1.74	4.75	Backwater	0 - 09:52 hrs	1.76	1.78	0.16	1.00	25.08	0.00	2.00	0.60	0.60	1.49	0.00	0.00	10
805	☐	461	3.50	29.22	0.08	59.23	ceeds Capac	0 - 00:03 hrs	6.39	6.74	2.03	1.00	-30.01	8.68	1.37	23.93	23.93	24.00	1.63	1.53	69
806	☐	462	1.50	6.06	0.44	7.87	Free Surface	0 - 09:59 hrs	4.86	4.86	1.30	0.87	-1.81	0.30	1.50	0.00	0.12	0.00	0.17	0.00	0
807	☐	463	2.50	36.88	0.81	32.43	Backwater	0 - 10:04 hrs	6.61	6.61	0.88	1.00	4.45	5.43	0.98	2.66	2.66	24.00	0.00	0.00	2
808	☐	464	1.25	3.58	0.41	7.48	ceeds Capac	0 - 09:52 hrs	6.10	6.10	2.09	1.00	-3.91	0.67	1.25	1.03	1.03	1.21	1.08	1.01	2
809	☐	465	1.50	5.14	0.32	7.49	ceeds Capac	0 - 09:52 hrs	4.24	4.24	1.46	1.00	-2.36	0.67	1.50	0.90	0.90	1.27	0.70	0.69	5
810	☐	466	1.75	11.91	0.75	12.85	Backwater	0 - 00:01 hrs	7.62	7.78	1.08	1.00	-0.93	0.67	0.69	0.76	0.76	23.98	0.00	0.00	5
811	☐	467	5.00	135.22	0.27	148.73	Backwater	0 - 00:01 hrs	7.74	7.79	1.10	1.00	-13.51	9.82	1.96	23.96	23.96	24.00	0.01	0.00	0
812	☐	468	5.00	158.88	0.37	115.02	Backwater	0 - 10:08 hrs	5.86	5.86	0.72	1.00	43.86	9.21	4.94	0.07	0.07	23.96	0.00	0.00	0
813	☐	469	5.00	123.46	0.22	59.85	Free Surface	0 - 10:08 hrs	3.14	4.47	0.48	0.93	63.61	3.49	5.00	0.00	0.00	0.07	0.00	0.00	0
814	☐	47	1.50	5.97	0.43	8.05	ceeds Capac	0 - 09:49 hrs	4.56	4.56	1.35	1.00	-2.08	0.94	1.50	1.75	1.75	2.08	0.23	0.28	9
815	☐	470	5.00	124.54	0.23	59.33	Free Surface	0 - 10:08 hrs	3.53	3.55	0.48	0.80	65.21	3.52	5.00	0.00	0.00	0.00	0.00	0.00	0
816	☐	471	5.00	115.86	0.20	60.28	Free Surface	0 - 10:07 hrs	4.30	4.60	0.52	0.68	55.58	3.53	5.00	0.00	0.00	0.00	0.00	0.00	0
817	☐	472	5.00	123.91	0.23	61.68	Free Surface	0 - 10:06 hrs	5.27	5.71	0.50	0.58	62.23	3.53	5.00	0.00	0.00	0.00	0.00	0.00	0
818	☐	473	5.00	130.84	0.25	62.82	Free Surface	0 - 10:04 hrs	6.28	6.35	0.48	0.51	68.02	3.54	5.00	0.00	0.00	0.00	0.00	0.00	0
819	☐	474	5.00	170.10	0.43	63.02	Free Surface	0 - 10:04 hrs	7.43	7.44	0.37	0.45	107.08	3.54	4.99	0.00	0.00	0.00	0.00	0.00	0
820	☐	475	4.00	173.56	1.46	32.98	Free Surface	0 - 10:06 hrs	6.55	6.57	0.19	0.42	140.58	1.94	3.95	0.00	0.00	0.00	0.00	0.00	0
821	☐	476	1.50	5.57	0.37	3.54	Free Surface	0 - 09:59 hrs	3.69	3.69	0.64	0.53	2.03	0.13	1.50	0.00	0.00	0.00	0.00	0.00	0
822	☐	477	2.25	19.58	0.40	7.35	Free Surface	0 - 10:06 hrs	3.99	3.99	0.38	0.47	12.23	0.33	2.25	0.00	0.00	0.00	0.00	0.00	0
823	☐	478	2.25	14.15	0.21	7.36	Free Surface	0 - 10:04 hrs	3.98	3.98	0.52	0.47	6.79	0.33	2.25	0.00	0.00	0.00	0.00	0.00	0
824	☐	479	2.00	14.09	0.39	7.46	Free Surface	0 - 10:04 hrs	4.15	4.37	0.53	0.56	6.63	0.33	2.00	0.00	0.00	0.00	0.00	0.00	0
825	☐	48	1.50	6.12	0.45	8.05	ceeds Capac	0 - 09:49 hrs	4.56	4.56	1.32	1.00	-1.93	0.94	1.50	1.62	1.62	1.75	0.07	0.17	10
826	☐	480	2.50	81.05	3.90	89.28	Backwater	0 - 00:00 hrs	18.19	18.19	1.10	1.00	-8.23	0.43	0.98	23.99	23.99	24.00	0.00	0.01	0
827	☐	481	2.50	25.25	0.38	31.72	Backwater	0 - 00:01 hrs	6.46	6.46	1.26	1.00	-6.47	0.45	0.98	23.97	23.97	23.99	0.01	0.00	0
828	☐	482	2.50	17.00	0.17	10.37	Free Surface	0 - 10:04 hrs	4.24	4.24	0.61	0.50	6.63	0.46	2.50	0.00	0.00	0.00	0.00	0.00	0
829	☐	483	2.00	10.45	0.21	1.59	Free Surface	0 - 10:04 hrs	1.57	1.59	0.15	0.36	8.86	0.07	1.95	0.00	0.00	0.00	0.00	0.00	0
830	☐	484	2.00	8.30	0.13	1.66	Free Surface	0 - 09:59 hrs	2.36	2.37	0.20	0.28	6.63	0.06	1.79	0.00	0.00	0.00	0.00	0.00	0
831	☐	485	2.00	12.80	0.32	1.67	Free Surface	0 - 09:59 hrs	2.96	2.96	0.13	0.24	11.13	0.06	1.78	0.00	0.00	0.00	0.00	0.00	0
832	☐	486	2.50	14.24	0.12	12.92	Backwater	0 - 10:42 hrs	2.63	2.63	0.91	1.00	1.32	1.72	2.50	2.35	2.35	3.74	0.00	0.01	10
833	☐	487	2.50	16.70	0.17	12.92	Backwater	0 - 10:42 hrs	2.63	2.63	0.77	1.00	3.78	1.71	2.49	3.74	3.74	18.99	0.00	0.00	13

EXISTING CONDITIONS 5-YR 24-HR CONDUITS

		ID	Full Depth (ft)	Full Flow (cfs)	Percent Slope (%)	Maximum Flow (cfs)	Maximum Flow Class	Max.Flow Day-Time (day-time)	Velocity at Maximum Flow (ft/s)	Maximum Velocity (ft/s)	Max.Flow/Fu ll Flow	Max.Depth/F ull Depth	Reserve Capacity (cfs)	Total Flow Volume (MG)	Maximum Top Width (ft)	Both End Surcharge Time (hrs)	Upstream Surcharge Time (hrs)	Downstream Surcharge Time (hrs)	Above Full-Flow Time (hrs)	Capacity Limited Time (hrs)	Instability Index
834	☐	488	2.75	36.58	0.48	22.25	Backwater	0 - 10:42 hrs	3.75	3.75	0.61	1.00	14.33	5.18	2.74	2.03	2.03	23.84	0.00	0.00	44
835	☐	489	2.50	54.60	1.77	33.20	Backwater	0 - 10:03 hrs	6.76	6.76	0.61	1.00	21.40	2.11	2.50	0.25	0.25	1.37	0.00	0.00	2
836	☐	49	1.50	4.88	0.29	6.78	ceeds Capac	0 - 09:49 hrs	3.86	3.86	1.39	1.00	-1.90	0.83	1.50	0.96	0.99	0.96	1.24	0.96	2
837	☐	490	2.50	19.57	0.23	33.20	ceeds Capac	0 - 10:03 hrs	6.76	6.76	1.70	1.00	-13.63	2.11	2.50	1.42	1.42	1.82	0.53	0.53	7
838	☐	491	2.50	34.82	0.72	35.32	Backwater	0 - 09:57 hrs	7.51	8.10	1.01	1.00	-0.50	2.11	2.50	0.18	0.18	0.25	0.01	0.00	2
839	☐	492	2.75	20.10	0.14	17.66	Backwater	0 - 10:22 hrs	2.97	2.97	0.88	1.00	2.44	1.63	2.75	1.75	1.75	23.68	0.00	0.00	11
840	☐	493	2.50	15.14	0.14	17.66	ceeds Capac	0 - 10:22 hrs	3.60	3.60	1.17	1.00	-2.52	1.65	2.47	1.73	1.73	2.68	0.22	0.29	6
841	☐	494	2.50	29.34	0.51	19.31	Backwater	0 - 09:55 hrs	3.93	3.93	0.66	1.00	10.03	1.77	2.50	0.94	0.94	1.73	0.00	0.00	9
842	☐	495	2.50	15.51	0.14	19.32	ceeds Capac	0 - 09:53 hrs	3.94	3.94	1.25	1.00	-3.81	1.77	2.50	0.90	0.90	0.94	0.59	0.55	6
843	☐	496	2.50	16.43	0.16	19.31	ceeds Capac	0 - 10:12 hrs	3.93	3.93	1.18	1.00	-2.88	1.77	2.50	0.87	0.87	0.90	0.54	0.49	7
844	☐	497	2.00	8.96	0.16	19.30	ceeds Capac	0 - 09:57 hrs	6.14	6.14	2.15	1.00	-10.34	1.77	2.00	1.01	1.02	1.01	1.15	1.00	6
845	☐	498	2.00	10.99	0.24	19.30	ceeds Capac	0 - 09:55 hrs	6.14	6.14	1.76	1.00	-8.31	1.77	2.00	0.92	0.92	0.94	0.87	0.87	5
846	☐	499	2.00	3.76	0.03	19.40	ceeds Capac	0 - 09:57 hrs	6.17	6.17	5.16	1.00	-15.64	1.77	2.00	0.92	0.93	0.92	3.75	0.91	7
847	☐	5	3.50	25.27	0.06	74.06	ceeds Capac	0 - 00:00 hrs	10.43	10.43	2.93	1.00	-48.80	4.00	2.27	1.37	1.37	23.97	0.96	0.89	6
848	☐	50	1.25	2.68	0.23	6.79	ceeds Capac	0 - 09:49 hrs	5.53	5.53	2.53	1.00	-4.11	0.83	1.25	1.23	1.93	1.23	2.91	1.23	5
849	☐	500	2.00	18.66	0.68	23.24	ceeds Capac	0 - 10:11 hrs	7.40	7.40	1.25	1.00	-4.58	1.81	2.00	0.88	0.88	0.93	0.46	0.46	2
850	☐	501	2.00	8.89	0.15	10.79	ceeds Capac	0 - 10:22 hrs	3.43	3.43	1.21	1.00	-1.90	1.02	1.99	1.28	1.28	1.34	0.29	0.38	7
851	☐	502	2.00	5.55	0.06	10.79	ceeds Capac	0 - 10:22 hrs	3.43	3.43	1.95	1.00	-5.24	1.00	2.00	2.09	2.09	2.37	1.02	0.96	7
852	☐	503	2.00	6.16	0.07	10.80	ceeds Capac	0 - 10:22 hrs	3.44	3.44	1.75	1.00	-4.64	1.00	1.99	2.37	2.37	15.30	0.79	0.83	6
853	☐	504	3.00	26.24	0.15	19.23	Backwater	0 - 10:07 hrs	2.72	2.72	0.73	1.00	7.01	1.76	2.99	23.49	23.49	23.78	0.00	0.00	6
854	☐	505	5.00	97.00	0.14	88.31	Backwater	0 - 00:07 hrs	6.08	6.30	0.91	1.00	8.69	6.00	4.97	23.67	23.67	23.85	0.00	0.01	54
855	☐	506	5.00	80.21	0.09	95.84	ceeds Capac	0 - 00:05 hrs	5.32	5.39	1.19	1.00	-15.63	5.94	4.93	23.84	23.84	23.88	0.18	0.14	60
856	☐	507	5.00	115.08	0.20	122.65	Backwater	0 - 00:03 hrs	9.78	10.00	1.07	1.00	-7.58	5.83	4.61	23.88	23.88	23.93	0.02	0.00	68
857	☐	508	5.00	83.59	0.10	179.01	ceeds Capac	0 - 00:02 hrs	9.33	9.71	2.14	1.00	-95.42	5.81	4.91	23.93	23.93	23.95	0.11	0.41	73
858	☐	509	2.50	63.09	2.37	38.87	Backwater	0 - 00:00 hrs	8.13	8.13	0.62	1.00	24.22	2.23	0.98	23.99	23.99	24.00	0.00	0.00	4
859	☐	51	1.75	7.88	0.33	8.63	ceeds Capac	0 - 09:45 hrs	3.59	3.59	1.09	1.00	-0.75	1.65	1.75	1.75	1.75	1.81	0.75	0.58	12
860	☐	510	2.00	22.95	1.03	33.79	ceeds Capac	0 - 09:59 hrs	10.75	10.75	1.47	1.00	-10.84	2.23	0.78	1.16	1.16	23.99	0.46	0.46	4
861	☐	511	3.50	25.40	0.06	66.56	ceeds Capac	0 - 10:03 hrs	6.92	7.03	2.62	1.00	-41.16	4.03	3.19	0.97	0.97	1.00	0.93	0.85	6
862	☐	512	2.75	35.59	0.45	66.56	ceeds Capac	0 - 10:03 hrs	11.21	11.21	1.87	1.00	-30.97	4.05	2.61	1.59	1.59	23.96	0.59	0.60	4
863	☐	513	4.50	83.34	0.18	94.17	ceeds Capac	0 - 10:03 hrs	5.92	5.92	1.13	1.00	-10.83	8.53	4.50	1.06	1.06	1.17	0.20	0.21	5
864	☐	514	4.50	114.95	0.34	55.52	Backwater	0 - 10:06 hrs	3.49	5.05	0.48	1.00	59.44	6.52	4.50	0.78	0.78	0.98	0.00	0.00	5
865	☐	515	4.50	70.52	0.13	55.54	Backwater	0 - 10:06 hrs	3.49	3.74	0.79	1.00	14.98	6.51	4.50	0.98	0.98	1.06	0.00	0.01	5
866	☐	516	2.00	10.04	0.20	14.02	ceeds Capac	0 - 10:30 hrs	4.46	4.46	1.40	1.00	-3.98	1.94	2.00	1.30	1.30	1.31	1.25	1.13	11
867	☐	517	2.00	10.35	0.21	13.99	ceeds Capac	0 - 09:51 hrs	4.45	4.45	1.35	1.00	-3.64	1.94	2.00	1.31	1.31	1.40	1.21	1.16	11
868	☐	518	2.00	13.02	0.33	14.02	ceeds Capac	0 - 09:55 hrs	4.46	4.46	1.08	1.00	-0.99	1.94	2.00	1.40	1.40	1.78	0.91	0.67	13
869	☐	519	2.00	10.28	0.21	14.00	ceeds Capac	0 - 09:52 hrs	4.46	4.46	1.36	1.00	-3.72	1.94	1.86	1.78	1.78	3.58	1.22	1.19	12
870	☐	52	1.50	6.75	0.55	8.59	ceeds Capac	0 - 09:45 hrs	4.86	4.86	1.27	1.00	-1.85	1.65	1.50	1.92	1.93	1.92	1.52	1.38	14
871	☐	520	3.00	33.74	0.26	34.77	Backwater	0 - 00:04 hrs	5.61	5.61	1.03	1.00	-1.03	1.91	2.99	0.99	0.99	23.94	0.00	0.00	59
872	☐	521	4.00	56.80	0.16	31.79	Backwater	0 - 00:04 hrs	2.71	5.69	0.56	1.00	25.01	0.93	3.92	23.93	23.93	23.93	0.00	0.39	77
873	☐	522	4.00	54.87	0.15	71.39	Backwater	0 - 00:03 hrs	6.06	6.35	1.30	1.00	-16.52	1.81	3.13	23.93	23.93	24.00	0.05	0.00	49
874	☐	523	2.00	11.49	0.26	14.01	Free Surface	0 - 09:51 hrs	4.54	5.67	1.22	0.98	-2.52	1.93	2.00	0.00	0.00	4.42	1.02	0.00	10
875	☐	524	3.00	11.29	0.03	16.87	ceeds Capac	0 - 00:06 hrs	2.41	3.76	1.49	1.00	-5.58	1.93	2.81	0.98	1.03	0.99	1.06	0.96	1
876	☐	525	2.00	12.21	0.29	15.62	ceeds Capac	0 - 09:59 hrs	4.97	4.97	1.28	1.00	-3.41	0.69	2.00	0.16	0.16	0.16	0.18	0.12	0
877	☐	526	2.00	12.17	0.29	15.65	ceeds Capac	0 - 09:59 hrs	5.02	5.02	1.29	1.00	-3.48	0.69	2.00	0.14	0.16	0.17	0.17	0.11	0
878	☐	527	2.00	12.44	0.30	15.43	ceeds Capac	0 - 09:59 hrs	5.37	5.46	1.24	1.00	-2.98	0.70	2.00	0.17	0.17	0.20	0.16	0.11	0
879	☐	528	2.00	17.55	0.60	15.13	Backwater	0 - 10:03 hrs	4.82	6.12	0.86	1.00	2.42	0.70	2.00	0.20	0.20	0.28	0.00	0.00	1
880	☐	529	2.00	25.81	1.30	14.77	Backwater	0 - 10:03 hrs	4.70	4.70	0.57	1.00	11.04	0.70	2.00	1.02	1.02	3.52	0.00	0.00	7
881	☐	53	1.50	3.61	0.16	8.59	ceeds Capac	0 - 09:45 hrs	4.86	4.86	2.38	1.00	-4.98	1.66	1.50	1.93	3.46	1.93	4.94	1.93	11
882	☐	530	2.00	17.69	0.61	15.13	Backwater	0 - 10:03 hrs	4.82	6.14	0.86	1.00	2.55	0.70	2.00	0.28	0.28	0.35	0.00	0.00	1

EXISTING CONDITIONS 5-YR 24-HR CONDUITS

		ID	Full Depth (ft)	Full Flow (cfs)	Percent Slope (%)	Maximum Flow (cfs)	Maximum Flow Class	Max.Flow Day-Time (day-time)	Velocity at Maximum Flow (ft/s)	Maximum Velocity (ft/s)	Max.Flow/Fu ll Flow	Max.Depth/F ull Depth	Reserve Capacity (cfs)	Total Flow Volume (MG)	Maximum Top Width (ft)	Both End Surcharge Time (hrs)	Upstream Surcharge Time (hrs)	Downstream Surcharge Time (hrs)	Above Full-Flow Time (hrs)	Capacity Limited Time (hrs)	Instability Index
883	☐	531	2.00	19.03	0.71	15.13	Backwater	0 - 10:03 hrs	4.82	5.95	0.80	1.00	3.89	0.69	2.00	0.35	0.35	1.02	0.00	0.00	1
884	☐	532	3.50	40.15	0.16	47.75	Free Surface	0 - 10:04 hrs	5.67	5.69	1.19	0.82	-7.59	2.07	3.50	0.00	0.00	0.00	0.17	0.00	0
885	☐	533	2.00	24.99	1.22	29.94	ceeds Capac	0 - 10:03 hrs	9.53	9.53	1.20	1.00	-4.95	1.31	2.00	0.10	0.12	0.11	0.20	0.09	0
886	☐	534	2.00	12.33	0.30	8.88	Backwater	0 - 09:59 hrs	4.47	4.51	0.72	1.00	3.45	0.34	2.00	0.09	0.09	0.10	0.00	0.00	0
887	☐	535	3.25	21.11	0.07	49.15	Free Surface	0 - 10:03 hrs	6.02	6.03	2.33	0.98	-28.04	2.04	3.25	0.00	0.01	0.00	0.45	0.00	0
888	☐	536	2.00	23.91	1.12	29.94	ceeds Capac	0 - 10:03 hrs	9.53	9.53	1.25	1.00	-6.03	1.31	2.00	0.10	0.15	0.10	0.23	0.10	0
889	☐	537	2.00	23.37	1.07	29.93	ceeds Capac	0 - 10:03 hrs	9.53	9.53	1.28	1.00	-6.56	1.30	2.00	0.15	0.19	0.15	0.23	0.15	0
890	☐	538	2.00	11.87	0.28	8.82	Backwater	0 - 10:07 hrs	2.96	3.73	0.74	1.00	3.05	0.34	2.00	0.11	0.11	0.15	0.00	0.00	0
891	☐	539	3.50	66.50	0.44	57.22	Free Surface	0 - 10:04 hrs	7.17	7.28	0.86	0.77	9.28	2.50	3.50	0.00	0.00	0.00	0.00	0.00	0
892	☐	54	1.50	4.62	0.26	4.66	ceeds Capac	0 - 09:37 hrs	2.64	2.64	1.01	1.00	-0.04	0.93	1.50	2.76	2.76	3.46	0.00	0.03	16
893	☐	540	3.50	58.55	0.34	57.02	Free Surface	0 - 10:04 hrs	6.84	6.93	0.97	0.81	1.53	2.50	3.50	0.00	0.00	0.00	0.00	0.00	0
894	☐	541	2.75	18.57	0.12	29.03	Backwater	0 - 09:56 hrs	4.94	4.96	1.56	1.00	-10.47	1.62	2.75	2.09	2.09	2.40	0.01	0.03	18
895	☐	542	2.75	19.78	0.14	12.99	Backwater	0 - 10:23 hrs	2.19	2.19	0.66	1.00	6.79	1.50	2.75	9.76	9.76	13.27	0.00	0.00	46
896	☐	543	5.50	184.06	0.30	221.70	ceeds Capac	0 - 09:57 hrs	9.33	9.33	1.20	1.00	-37.65	31.51	5.50	1.25	1.25	1.25	1.39	1.18	8
897	☐	544	6.00	193.56	0.21	232.30	ceeds Capac	0 - 10:03 hrs	8.22	8.47	1.20	1.00	-38.74	32.54	6.00	1.13	1.13	1.13	1.00	0.74	10
898	☐	545	6.00	251.84	0.35	259.86	ceeds Capac	0 - 10:03 hrs	9.19	9.19	1.03	1.00	-8.03	33.93	6.00	1.13	1.13	1.36	0.11	0.11	7
899	☐	546	6.00	189.54	0.20	240.93	ceeds Capac	0 - 09:59 hrs	8.52	8.52	1.27	1.00	-51.40	33.60	6.00	1.33	1.36	1.33	1.38	1.19	9
900	☐	547	6.00	189.39	0.20	271.13	ceeds Capac	0 - 09:59 hrs	9.59	9.59	1.43	1.00	-81.74	36.28	6.00	1.20	1.33	1.20	1.55	1.19	9
901	☐	548	6.00	229.37	0.29	271.12	ceeds Capac	0 - 09:59 hrs	9.59	9.59	1.18	1.00	-41.75	36.26	6.00	1.20	1.20	1.40	0.03	0.13	9
902	☐	549	4.00	67.40	0.22	87.67	ceeds Capac	0 - 10:02 hrs	6.98	6.98	1.30	1.00	-20.28	5.17	4.00	3.30	3.31	3.91	0.28	0.27	21
903	☐	55	1.50	2.03	0.05	4.65	ceeds Capac	0 - 09:37 hrs	2.63	2.63	2.29	1.00	-2.62	0.93	1.50	2.76	2.82	2.76	4.93	1.90	22
904	☐	550	4.00	67.52	0.22	87.66	ceeds Capac	0 - 10:02 hrs	6.98	6.98	1.30	1.00	-20.14	5.17	4.00	3.04	3.04	3.15	0.30	0.36	22
905	☐	551	3.50	47.42	0.22	87.63	ceeds Capac	0 - 10:02 hrs	9.11	9.11	1.85	1.00	-40.21	5.16	3.50	2.78	2.79	3.39	0.51	0.47	16
906	☐	552	3.50	46.38	0.21	87.62	ceeds Capac	0 - 10:02 hrs	9.11	9.11	1.89	1.00	-41.24	5.16	3.50	2.73	2.73	2.79	0.54	0.81	19
907	☐	553	3.50	44.60	0.20	87.61	ceeds Capac	0 - 10:02 hrs	9.11	9.11	1.96	1.00	-43.01	5.16	3.50	2.51	2.51	2.73	0.57	0.54	18
908	☐	554	2.25	24.27	0.61	36.19	ceeds Capac	0 - 09:56 hrs	9.10	9.10	1.49	1.00	-11.92	2.70	2.25	2.02	2.02	5.25	0.59	0.59	23
909	☐	555	2.00	20.21	0.80	15.31	Backwater	0 - 09:53 hrs	4.87	4.87	0.76	1.00	4.90	1.08	2.00	1.10	1.10	1.64	0.00	0.00	5
910	☐	556	2.25	23.68	0.58	36.18	ceeds Capac	0 - 09:56 hrs	9.10	9.10	1.53	1.00	-12.50	2.70	2.25	1.75	1.75	2.02	0.61	0.59	16
911	☐	557	2.25	21.80	0.50	36.19	ceeds Capac	0 - 09:56 hrs	9.10	9.10	1.66	1.00	-14.39	2.70	2.25	1.59	1.59	1.75	0.69	0.69	11
912	☐	558	3.50	44.93	0.20	65.34	ceeds Capac	0 - 09:59 hrs	6.79	6.79	1.45	1.00	-20.41	3.95	3.50	2.28	2.28	2.51	0.37	0.37	17
913	☐	559	2.50	22.73	0.31	39.98	ceeds Capac	0 - 09:56 hrs	8.14	8.14	1.76	1.00	-17.25	2.57	2.50	2.71	2.71	2.92	0.58	0.59	19
914	☐	56	1.50	4.33	0.23	4.63	ceeds Capac	0 - 09:37 hrs	2.62	2.62	1.07	1.00	-0.30	0.93	1.50	2.65	2.65	2.82	0.04	0.44	24
915	☐	560	2.50	22.37	0.30	39.98	ceeds Capac	0 - 09:56 hrs	8.15	8.15	1.79	1.00	-17.62	2.57	2.50	2.59	2.59	2.71	0.59	0.65	19
916	☐	561	2.50	22.63	0.30	39.97	ceeds Capac	0 - 09:56 hrs	8.14	8.14	1.77	1.00	-17.35	2.57	2.50	2.46	2.46	2.59	0.58	0.64	18
917	☐	562	2.50	43.63	1.13	39.97	Backwater	0 - 09:56 hrs	8.14	8.14	0.92	1.00	3.65	2.57	2.50	1.99	1.99	2.46	0.00	0.01	15
918	☐	563	2.50	24.86	0.37	40.00	ceeds Capac	0 - 09:56 hrs	8.15	8.15	1.61	1.00	-15.14	2.57	2.50	0.86	0.86	0.88	0.51	0.48	5
919	☐	564	2.50	25.36	0.38	22.69	Backwater	0 - 09:56 hrs	4.62	4.75	0.89	1.00	2.67	1.59	2.50	0.60	0.60	0.86	0.00	0.01	2
920	☐	565	2.50	20.15	0.24	29.31	ceeds Capac	0 - 09:56 hrs	5.97	6.29	1.45	1.00	-9.16	1.61	2.50	0.56	0.57	0.60	0.13	0.11	3
921	☐	566	3.50	19.25	0.10	47.14	ceeds Capac	0 - 10:00 hrs	4.91	5.04	2.45	1.00	-27.88	6.13	3.50	0.65	1.39	0.65	3.13	0.65	5
922	☐	569	4.50	360.06	3.35	157.75	Backwater	0 - 09:59 hrs	12.65	12.65	0.44	1.00	202.31	29.94	4.50	0.61	0.61	1.68	0.00	0.00	9
923	☐	57	1.50	2.78	0.09	4.61	Backwater	0 - 09:36 hrs	2.61	2.61	1.66	1.00	-1.84	0.93	1.50	2.65	2.65	2.76	3.50	0.31	22
924	☐	571	4.50	92.80	0.22	166.40	ceeds Capac	0 - 09:59 hrs	10.46	10.46	1.79	1.00	-73.59	12.18	4.50	1.61	1.61	1.68	1.54	1.53	10
925	☐	572	4.50	150.56	0.59	166.17	ceeds Capac	0 - 09:59 hrs	10.45	10.45	1.10	1.00	-15.62	12.19	4.50	1.29	1.29	1.71	0.18	0.25	11
926	☐	573	4.50	191.84	0.95	166.13	Backwater	0 - 09:59 hrs	10.45	10.80	0.87	1.00	25.72	12.19	4.50	0.85	0.85	1.29	0.00	0.00	6
927	☐	574	4.50	35.32	0.03	166.23	Backwater	0 - 09:59 hrs	10.45	10.45	4.71	1.00	-130.91	12.18	4.50	1.61	1.61	1.71	3.34	0.00	13
928	☐	575	2.00	12.39	0.30	17.62	ceeds Capac	0 - 09:55 hrs	5.61	5.61	1.42	1.00	-5.23	1.21	2.00	0.51	0.52	0.53	0.31	0.26	0
929	☐	576	2.50	19.72	0.23	16.30	Backwater	0 - 09:55 hrs	3.32	3.32	0.83	1.00	3.42	1.21	2.50	0.44	0.44	0.49	0.00	0.00	2
930	☐	577	2.50	19.25	0.22	29.08	ceeds Capac	0 - 09:55 hrs	5.94	5.96	1.51	1.00	-9.83	2.06	2.50	0.46	0.49	0.46	0.61	0.45	2
931	☐	578	2.50	18.73	0.21	28.61	ceeds Capac	0 - 09:56 hrs	5.87	6.21	1.53	1.00	-9.88	2.06	2.50	0.38	0.46	0.38	0.62	0.38	1

EXISTING CONDITIONS 5-YR 24-HR CONDUITS

		ID	Full Depth (ft)	Full Flow (cfs)	Percent Slope (%)	Maximum Flow (cfs)	Maximum Flow Class	Max.Flow Day-Time (day-time)	Velocity at Maximum Flow (ft/s)	Maximum Velocity (ft/s)	Max.Flow/Fu ll Flow	Max.Depth/F ull Depth	Reserve Capacity (cfs)	Total Flow Volume (MG)	Maximum Top Width (ft)	Both End Surcharge Time (hrs)	Upstream Surcharge Time (hrs)	Downstream Surcharge Time (hrs)	Above Full-Flow Time (hrs)	Capacity Limited Time (hrs)	Instability Index
932	☐	579	2.00	10.15	0.20	16.58	ceeds Capac	0 - 09:52 hrs	5.28	5.28	1.63	1.00	-6.43	1.45	2.00	0.86	0.88	0.86	0.93	0.85	1
933	☐	58	1.50	4.98	0.30	4.60	Backwater	0 - 09:36 hrs	2.60	2.60	0.92	1.00	0.38	0.93	1.50	2.53	2.53	2.76	0.00	0.11	22
934	☐	580	2.00	10.28	0.21	16.57	ceeds Capac	0 - 09:52 hrs	5.28	5.28	1.61	1.00	-6.30	1.43	2.00	0.85	0.86	0.85	0.93	0.83	1
935	☐	581	2.00	10.12	0.20	16.58	ceeds Capac	0 - 09:52 hrs	5.28	5.30	1.64	1.00	-6.46	1.38	2.00	0.84	0.85	0.84	0.96	0.76	5
936	☐	582	2.25	13.85	0.20	12.18	Backwater	0 - 10:30 hrs	3.06	3.43	0.88	1.00	1.67	1.38	2.25	0.78	0.78	0.85	0.00	0.07	6
937	☐	583	2.25	13.85	0.20	12.18	Backwater	0 - 10:30 hrs	3.06	3.06	0.88	1.00	1.67	1.38	2.25	0.85	0.85	0.95	0.00	0.01	5
938	☐	584	2.00	7.92	0.35	39.28	ceeds Capac	0 - 00:00 hrs	13.14	13.14	4.96	1.00	-31.35	2.46	0.78	23.99	23.99	24.00	2.36	2.26	60
939	☐	585	2.50	12.17	0.09	13.04	ceeds Capac	0 - 09:55 hrs	2.66	2.66	1.07	1.00	-0.88	1.61	2.50	18.09	18.09	18.29	0.28	0.87	65
940	☐	586	2.00	10.68	0.19	7.16	Backwater	0 - 09:59 hrs	2.63	2.63	0.67	1.00	3.52	0.30	2.00	13.85	13.85	13.89	0.00	0.23	55
941	☐	587	4.00	189.57	1.74	48.13	Free Surface	0 - 09:59 hrs	5.36	5.36	0.25	0.67	141.43	3.03	4.00	0.00	0.00	0.75	0.00	0.00	0
942	☐	588	4.00	82.69	0.95	160.00	ceeds Capac	0 - 10:03 hrs	12.73	12.73	1.94	1.00	-77.32	9.18	1.94	0.74	0.74	24.00	0.59	0.73	1
943	☐	589	3.00	67.80	1.03	58.99	Free Surface	0 - 10:04 hrs	10.80	10.80	0.87	0.72	8.81	3.35	3.00	0.00	0.00	0.00	0.00	0.00	0
944	☐	59	1.50	4.20	0.21	4.59	ceeds Capac	0 - 09:36 hrs	2.60	2.67	1.09	1.00	-0.39	0.93	1.50	2.35	2.35	2.53	0.11	0.43	18
945	☐	590	3.00	31.49	0.22	50.70	Backwater	0 - 00:00 hrs	7.28	7.33	1.61	1.00	-19.21	1.13	1.18	23.99	23.99	24.00	0.01	0.00	0
946	☐	591	2.00	11.88	0.28	11.28	Backwater	0 - 00:02 hrs	4.04	4.63	0.95	1.00	0.61	0.22	1.75	23.94	23.94	23.99	0.00	0.00	0
947	☐	592	2.00	13.01	0.33	5.49	Free Surface	0 - 10:00 hrs	2.13	2.14	0.42	0.77	7.52	0.23	1.99	0.00	0.00	23.94	0.00	0.00	0
948	☐	593	2.00	12.11	0.29	5.79	Free Surface	0 - 09:59 hrs	3.63	3.64	0.48	0.51	6.32	0.23	2.00	0.00	0.00	0.00	0.00	0.00	0
949	☐	594	2.00	19.26	0.72	29.41	Backwater	0 - 00:00 hrs	9.49	9.49	1.53	1.00	-10.16	0.22	0.78	23.99	23.99	24.00	0.00	0.00	0
950	☐	595	4.00	76.30	0.28	109.96	Free Surface	0 - 10:02 hrs	9.58	9.58	1.44	0.86	-33.66	14.17	3.99	0.00	0.00	0.00	1.29	0.00	0
951	☐	596	4.00	150.18	1.09	109.97	Free Surface	0 - 10:02 hrs	10.45	10.45	0.73	0.78	40.21	14.17	4.00	0.00	0.00	0.00	0.00	0.00	0
952	☐	597	4.00	110.37	0.59	110.00	Free Surface	0 - 10:00 hrs	10.64	10.65	1.00	0.77	0.37	14.18	4.00	0.00	0.00	0.00	0.00	0.00	0
953	☐	598	4.00	118.18	0.68	110.18	Free Surface	0 - 10:00 hrs	9.88	10.27	0.93	0.83	8.00	14.18	4.00	0.00	0.00	0.00	0.00	0.00	0
954	☐	599	4.00	95.10	0.44	110.29	Free Surface	0 - 09:59 hrs	9.55	9.67	1.16	0.86	-15.19	14.19	4.00	0.00	0.00	0.00	0.88	0.00	0
955	☐	6	3.50	25.87	0.07	68.23	ceeds Capac	0 - 00:01 hrs	7.69	7.83	2.64	1.00	-42.36	4.01	3.22	1.15	1.16	1.37	0.93	0.80	8
956	☐	60	1.50	2.98	0.11	4.59	ceeds Capac	0 - 09:37 hrs	2.60	2.60	1.54	1.00	-1.61	0.93	1.50	2.35	2.40	2.35	3.26	1.99	17
957	☐	600	4.00	107.62	0.56	110.38	Free Surface	0 - 09:59 hrs	8.97	9.32	1.03	0.95	-2.76	14.19	4.00	0.00	0.00	0.00	0.21	0.00	0
958	☐	601	4.00	77.23	0.29	105.86	Free Surface	0 - 09:57 hrs	8.54	9.26	1.37	0.96	-28.63	14.00	4.00	0.00	0.89	0.00	1.21	0.00	1
959	☐	602	4.00	64.05	0.20	105.23	ceeds Capac	0 - 09:53 hrs	8.39	8.42	1.64	1.00	-41.18	13.89	4.00	0.89	1.07	0.89	1.58	0.89	7
960	☐	603	4.00	63.30	0.19	105.25	ceeds Capac	0 - 09:53 hrs	8.38	8.38	1.66	1.00	-41.94	13.89	4.00	1.07	1.14	1.07	1.70	1.07	8
961	☐	604	4.00	74.60	0.27	105.28	ceeds Capac	0 - 09:53 hrs	8.38	8.38	1.41	1.00	-30.68	13.90	4.00	1.14	1.16	1.14	1.32	1.14	7
962	☐	605	4.00	67.09	0.22	105.31	ceeds Capac	0 - 09:53 hrs	8.38	8.38	1.57	1.00	-38.22	13.90	4.00	1.16	1.20	1.16	1.48	1.16	8
963	☐	607	4.00	31.76	0.14	25.69	Free Surface	0 - 00:04 hrs	2.70	3.05	0.81	0.95	6.07	1.93	3.79	0.00	0.00	24.00	0.00	0.00	0
964	☐	608	6.00	207.61	0.24	20.52	Backwater	0 - 12:59 hrs	0.73	1.11	0.10	1.00	187.10	1.40	6.00	19.22	19.22	20.05	0.00	0.00	78
965	☐	609	2.00	15.12	0.45	17.17	Free Surface	0 - 09:59 hrs	6.11	6.11	1.14	0.84	-2.05	0.76	2.00	0.00	0.00	0.00	0.15	0.00	0
966	☐	61	1.50	3.05	0.11	4.59	ceeds Capac	0 - 09:37 hrs	2.60	2.60	1.50	1.00	-1.54	0.93	1.50	2.40	2.43	2.40	3.14	1.87	17
967	☐	610	2.00	16.74	0.55	16.71	Free Surface	0 - 10:04 hrs	6.27	6.27	1.00	0.79	0.03	0.76	2.00	0.00	0.00	0.00	0.00	0.00	0
968	☐	611	3.50	138.50	1.90	113.38	Free Surface	0 - 10:03 hrs	16.06	16.06	0.82	0.69	25.12	10.65	3.50	0.00	0.00	0.00	0.00	0.00	0
969	☐	612	3.50	49.38	0.24	97.56	Free Surface	0 - 09:59 hrs	10.44	10.44	1.98	0.93	-48.18	9.90	3.50	0.00	0.98	0.00	1.35	0.00	2
970	☐	613	2.50	99.90	5.93	70.73	Free Surface	0 - 09:59 hrs	19.32	19.34	0.71	0.70	29.17	4.04	2.50	0.00	0.00	0.00	0.00	0.00	0
971	☐	614	4.00	124.53	0.75	126.12	Free Surface	0 - 10:04 hrs	11.23	11.30	1.01	0.84	-1.59	11.19	4.00	0.00	0.00	0.00	0.12	0.00	0
972	☐	615	4.00	114.10	0.63	126.13	Free Surface	0 - 10:04 hrs	10.70	10.70	1.11	0.89	-12.03	11.19	4.00	0.00	0.00	0.00	0.22	0.00	0
973	☐	616	4.00	106.76	0.55	126.18	Free Surface	0 - 10:04 hrs	10.15	10.17	1.18	0.97	-19.43	11.19	4.00	0.00	0.15	0.00	0.30	0.00	0
974	☐	617	4.00	285.00	3.94	126.27	Free Surface	0 - 10:04 hrs	21.71	21.94	0.44	0.47	158.73	11.19	4.00	0.00	0.00	0.00	0.00	0.00	0
975	☐	618	3.50	200.07	3.95	123.68	Free Surface	0 - 10:04 hrs	21.88	21.88	0.62	0.57	76.39	11.07	3.50	0.00	0.00	0.00	0.00	0.00	0
976	☐	619	3.50	138.51	1.90	113.24	Free Surface	0 - 10:04 hrs	16.06	16.06	0.82	0.69	25.27	10.65	3.50	0.00	0.00	0.00	0.00	0.00	0
977	☐	62	1.50	4.97	0.30	4.60	Backwater	0 - 09:37 hrs	2.60	2.60	0.93	1.00	0.37	0.93	1.50	2.21	2.21	2.43	0.00	0.02	16
978	☐	620	2.25	28.98	0.88	3.70	Free Surface	0 - 09:59 hrs	5.00	5.00	0.13	0.24	25.28	0.13	2.25	0.00	0.00	0.00	0.00	0.00	0
979	☐	621	1.50	12.21	1.80	4.09	Free Surface	0 - 09:59 hrs	6.22	6.22	0.34	0.40	8.12	0.14	1.50	0.00	0.00	0.00	0.00	0.00	0
980	☐	622	2.25	42.28	1.86	3.76	Free Surface	0 - 09:59 hrs	6.42	6.42	0.09	0.20	38.52	0.13	1.87	0.00	0.00	0.00	0.00	0.00	0

EXISTING CONDITIONS 5-YR 24-HR CONDUITS

		ID	Full Depth (ft)	Full Flow (cfs)	Percent Slope (%)	Maximum Flow (cfs)	Maximum Flow Class	Max.Flow Day-Time (day-time)	Velocity at Maximum Flow (ft/s)	Maximum Velocity (ft/s)	Max.Flow/Fu ll Flow	Max.Depth/F ull Depth	Reserve Capacity (cfs)	Total Flow Volume (MG)	Maximum Top Width (ft)	Both End Surcharge Time (hrs)	Upstream Surcharge Time (hrs)	Downstream Surcharge Time (hrs)	Above Full-Flow Time (hrs)	Capacity Limited Time (hrs)	Instability Index
981	☐	623	4.00	89.45	0.39	93.30	ceeds Capac	0 - 10:14 hrs	7.42	7.42	1.04	1.00	-3.85	8.71	1.57	23.99	23.99	24.00	0.31	0.32	0
982	☐	624	3.00	137.89	4.27	119.53	Free Surface	0 - 10:03 hrs	18.49	18.49	0.87	0.86	18.36	8.88	2.29	0.00	0.00	23.81	0.00	0.00	0
983	☐	625	3.00	141.25	4.48	119.66	Free Surface	0 - 10:03 hrs	22.20	22.22	0.85	0.71	21.58	8.88	3.00	0.00	0.00	0.00	0.00	0.00	0
984	☐	626	3.50	100.61	1.00	107.73	Free Surface	0 - 10:00 hrs	12.30	12.30	1.07	0.91	-7.12	8.32	3.50	0.00	0.00	0.00	0.20	0.00	0
985	☐	627	3.00	102.39	2.36	110.16	ceeds Capac	0 - 10:03 hrs	15.72	15.79	1.08	1.00	-7.77	8.32	3.00	0.13	0.13	0.16	0.19	0.13	0
986	☐	628	3.00	101.29	2.31	104.45	ceeds Capac	0 - 10:03 hrs	15.31	15.83	1.03	1.00	-3.16	7.95	3.00	0.11	0.11	0.13	0.08	0.05	0
987	☐	629	4.00	124.63	0.75	96.62	Free Surface	0 - 10:04 hrs	9.43	10.93	0.78	0.91	28.01	7.55	4.00	0.00	0.00	0.06	0.00	0.00	0
988	☐	63	1.50	8.99	0.97	4.61	Backwater	0 - 09:37 hrs	2.61	4.60	0.51	1.00	4.38	0.93	1.50	1.95	1.95	2.08	0.00	0.00	16
989	☐	630	4.00	83.76	0.34	79.07	Free Surface	0 - 10:07 hrs	8.04	8.06	0.94	0.73	4.69	6.67	4.00	0.00	0.00	0.00	0.00	0.00	0
990	☐	631	4.00	83.86	0.34	79.48	Free Surface	0 - 10:04 hrs	7.58	7.63	0.95	0.78	4.38	6.67	4.00	0.00	0.00	0.00	0.00	0.00	0
991	☐	632	4.00	83.90	0.34	69.47	Free Surface	0 - 10:04 hrs	6.91	6.93	0.83	0.75	14.43	6.22	4.00	0.00	0.00	0.00	0.00	0.00	0
992	☐	633	4.00	74.64	0.27	69.56	Free Surface	0 - 10:04 hrs	7.02	7.03	0.93	0.74	5.08	6.22	4.00	0.00	0.00	0.00	0.00	0.00	0
993	☐	634	1.50	12.77	1.97	17.35	ceeds Capac	0 - 09:59 hrs	9.82	9.82	1.36	1.00	-4.59	0.77	1.50	0.31	0.31	0.34	0.21	0.21	1
994	☐	636	1.50	7.40	0.66	17.36	ceeds Capac	0 - 09:59 hrs	9.82	9.82	2.35	1.00	-9.96	0.77	1.50	0.11	0.45	0.11	0.52	0.11	0
995	☐	637	3.00	55.20	0.68	30.93	Free Surface	0 - 10:04 hrs	8.03	8.03	0.56	0.54	24.26	1.40	3.00	0.00	0.00	0.00	0.00	0.00	0
996	☐	638	2.25	22.09	0.51	36.79	ceeds Capac	0 - 09:56 hrs	9.37	9.40	1.67	1.00	-14.70	2.51	2.25	0.26	0.49	0.26	0.63	0.26	0
997	☐	639	2.25	18.97	0.38	36.75	ceeds Capac	0 - 09:56 hrs	9.24	9.24	1.94	1.00	-17.78	2.51	2.25	0.30	0.63	0.30	0.75	0.30	0
998	☐	64	2.50	56.73	1.91	17.78	Free Surface	0 - 09:55 hrs	10.22	10.22	0.31	0.38	38.95	2.44	2.50	0.00	0.00	0.00	0.00	0.00	1
999	☐	640	2.00	28.60	1.60	33.85	ceeds Capac	0 - 10:11 hrs	10.77	10.77	1.18	1.00	-5.25	2.39	2.00	0.58	0.58	0.67	0.27	0.27	1
1000	☐	641	2.00	35.66	2.48	41.57	ceeds Capac	0 - 09:59 hrs	13.23	13.23	1.17	1.00	-5.91	2.46	2.00	0.46	0.46	0.55	0.23	0.23	1
1001	☐	642	2.00	26.89	1.41	24.35	Backwater	0 - 09:56 hrs	7.75	9.07	0.91	1.00	2.54	1.65	2.00	0.37	0.37	0.42	0.00	0.00	1
1002	☐	643	2.00	19.70	0.76	22.35	ceeds Capac	0 - 09:55 hrs	7.13	7.38	1.13	1.00	-2.65	1.56	2.00	0.32	0.35	0.32	0.37	0.32	0
1003	☐	644	2.00	14.95	0.44	23.28	ceeds Capac	0 - 09:56 hrs	7.48	7.58	1.56	1.00	-8.33	1.29	2.00	0.31	0.35	0.31	0.32	0.21	0
1004	☐	645	2.00	10.88	0.23	17.37	ceeds Capac	0 - 09:56 hrs	5.53	5.53	1.60	1.00	-6.49	1.01	2.00	0.33	0.36	0.33	0.48	0.33	0
1005	☐	646	2.50	54.96	1.80	63.42	ceeds Capac	0 - 10:03 hrs	12.92	12.92	1.15	1.00	-8.46	4.14	2.50	0.15	0.26	0.15	0.35	0.15	0
1006	☐	647	2.50	58.23	2.02	63.42	ceeds Capac	0 - 10:03 hrs	12.92	13.46	1.09	1.00	-5.19	4.14	2.50	0.25	0.25	0.26	0.29	0.24	0
1007	☐	648	2.50	54.56	1.77	63.72	ceeds Capac	0 - 09:57 hrs	12.98	13.43	1.17	1.00	-9.16	4.14	2.50	0.21	0.28	0.21	0.35	0.21	0
1008	☐	649	1.50	13.20	2.10	6.75	Free Surface	0 - 10:04 hrs	4.73	5.64	0.51	0.75	6.45	0.30	1.50	0.00	0.00	0.26	0.00	0.00	0
1009	☐	65	1.33	3.96	0.35	5.89	Free Surface	0 - 10:12 hrs	4.60	4.60	1.49	0.86	-1.93	0.46	1.33	0.00	0.49	0.00	0.61	0.00	2
1010	☐	650	1.50	9.46	1.08	6.76	Free Surface	0 - 10:04 hrs	5.82	5.82	0.71	0.63	2.70	0.30	1.50	0.00	0.00	0.00	0.00	0.00	0
1011	☐	651	1.50	4.87	0.29	6.98	Free Surface	0 - 09:59 hrs	4.38	4.38	1.43	0.85	-2.11	0.30	1.50	0.00	0.22	0.00	0.26	0.00	0
1012	☐	652	1.50	4.94	0.29	3.22	Free Surface	0 - 09:59 hrs	2.15	2.36	0.65	0.92	1.73	0.12	1.50	0.00	0.00	0.15	0.00	0.00	0
1013	☐	653	6.50	254.90	0.24	311.55	ceeds Capac	0 - 10:00 hrs	9.39	9.39	1.22	1.00	-56.65	42.09	6.50	0.42	0.59	0.42	0.99	0.42	1
1014	☐	654	6.50	273.98	0.27	418.71	Free Surface	0 - 10:04 hrs	13.20	13.21	1.53	0.91	-144.73	49.42	6.50	0.00	0.42	0.00	1.15	0.00	0
1015	☐	655	7.00	264.17	0.17	453.45	Free Surface	0 - 00:01 hrs	12.17	12.25	1.72	1.00	-189.28	50.80	4.67	0.00	1.41	0.00	1.41	1.41	1
1016	☐	656	6.00	180.61	0.18	299.42	ceeds Capac	0 - 00:00 hrs	10.69	10.92	1.66	1.00	-118.80	26.35	3.26	0.82	0.82	24.00	0.81	0.82	1
1017	☐	657	6.00	272.89	0.42	266.53	Backwater	0 - 10:07 hrs	9.43	9.43	0.98	1.00	6.36	25.00	5.12	0.23	0.23	0.82	0.00	0.00	0
1018	☐	658	6.00	202.82	0.23	236.68	ceeds Capac	0 - 10:07 hrs	8.37	8.37	1.17	1.00	-33.86	23.31	5.98	0.23	0.25	0.23	0.35	0.22	1
1019	☐	659	1.00	7.51	5.91	8.91	ceeds Capac	0 - 00:00 hrs	11.77	11.77	1.19	1.00	-1.41	4.77	0.39	23.99	23.99	23.99	11.26	11.28	19
1020	☐	66	1.33	3.07	0.21	5.89	ceeds Capac	0 - 10:12 hrs	4.22	4.22	1.92	1.00	-2.81	0.46	1.33	0.49	0.60	0.49	0.88	0.49	3
1021	☐	660	1.75	39.78	8.39	9.05	Free Surface	0 - 11:04 hrs	13.36	13.36	0.23	0.57	30.74	0.55	1.64	0.00	0.00	0.29	0.00	0.00	0
1022	☐	661	6.50	299.04	0.33	231.11	Backwater	0 - 10:07 hrs	6.96	6.96	0.77	1.00	67.93	18.03	6.50	0.06	0.06	0.21	0.00	0.00	1
1023	☐	662	6.50	229.60	0.19	230.49	ceeds Capac	0 - 10:07 hrs	6.95	7.68	1.00	1.00	-0.89	18.05	6.50	0.03	0.03	0.06	0.00	0.01	0
1024	☐	663	4.00	318.76	4.92	109.35	Free Surface	0 - 10:06 hrs	11.60	11.60	0.34	0.70	209.40	7.35	4.00	0.00	0.00	2.30	0.00	0.00	0
1025	☐	664	2.00	16.58	0.54	26.81	ceeds Capac	0 - 10:00 hrs	8.53	8.53	1.62	1.00	-10.23	1.50	2.00	0.34	0.37	0.34	0.43	0.34	0
1026	☐	665	2.00	17.26	0.58	26.80	ceeds Capac	0 - 10:00 hrs	8.53	8.53	1.55	1.00	-9.54	1.50	2.00	0.37	0.38	0.37	0.42	0.37	1
1027	☐	666	2.00	16.92	0.56	26.80	ceeds Capac	0 - 10:00 hrs	8.53	8.53	1.58	1.00	-9.88	1.50	2.00	0.35	0.37	0.35	0.44	0.35	2
1028	☐	667	2.00	17.16	0.58	26.80	ceeds Capac	0 - 10:00 hrs	8.59	8.69	1.56	1.00	-9.65	1.50	2.00	0.15	0.33	0.15	0.43	0.15	0
1029	☐	668	2.50	29.99	0.53	27.84	Backwater	0 - 10:08 hrs	5.93	7.01	0.93	1.00	2.15	1.50	2.50	0.11	0.11	0.15	0.00	0.00	0

EXISTING CONDITIONS 5-YR 24-HR CONDUITS

		ID	Full Depth (ft)	Full Flow (cfs)	Percent Slope (%)	Maximum Flow (cfs)	Maximum Flow Class	Max.Flow Day-Time (day-time)	Velocity at Maximum Flow (ft/s)	Maximum Velocity (ft/s)	Max.Flow/Fu ll Flow	Max.Depth/F ull Depth	Reserve Capacity (cfs)	Total Flow Volume (MG)	Maximum Top Width (ft)	Both End Surcharge Time (hrs)	Upstream Surcharge Time (hrs)	Downstream Surcharge Time (hrs)	Above Full-Flow Time (hrs)	Capacity Limited Time (hrs)	Instability Index
1030	☐	669	2.50	41.34	1.02	39.11	Backwater	0 - 10:08 hrs	7.97	8.93	0.95	1.00	2.23	2.21	2.50	0.21	0.21	0.24	0.00	0.00	1
1031	☐	67	1.33	1.07	0.03	5.90	Backwater	0 - 09:59 hrs	4.23	4.23	5.53	1.00	-4.83	0.46	1.33	0.60	0.60	0.72	3.58	0.00	5
1032	☐	670	2.50	51.46	1.57	56.46	ceeds Capac	0 - 09:57 hrs	12.11	12.11	1.10	1.00	-5.00	2.92	2.50	0.24	0.24	0.28	0.09	0.10	1
1033	☐	671	2.50	55.04	1.80	53.92	Backwater	0 - 10:03 hrs	10.98	10.98	0.98	1.00	1.12	2.92	2.50	0.28	0.28	0.32	0.00	0.02	1
1034	☐	672	3.50	42.65	0.18	79.66	ceeds Capac	0 - 10:03 hrs	8.28	8.28	1.87	1.00	-37.01	4.11	3.50	0.30	0.32	0.30	0.46	0.30	0
1035	☐	673	3.50	51.58	0.26	79.66	ceeds Capac	0 - 10:03 hrs	8.28	8.28	1.54	1.00	-28.09	4.11	3.50	0.30	0.30	0.30	0.33	0.28	1
1036	☐	674	3.50	51.79	0.26	79.67	ceeds Capac	0 - 10:03 hrs	8.28	8.28	1.54	1.00	-27.88	4.12	3.50	0.29	0.30	0.47	0.32	0.28	2
1037	☐	675	3.50	56.33	0.31	79.67	ceeds Capac	0 - 10:03 hrs	8.28	8.28	1.41	1.00	-23.34	4.14	3.50	0.46	0.47	3.15	0.27	0.24	21
1038	☐	676	3.50	54.64	0.29	79.79	ceeds Capac	0 - 10:03 hrs	8.29	8.29	1.46	1.00	-25.15	4.15	3.50	4.84	4.85	7.25	0.29	0.27	39
1039	☐	677	3.50	48.75	0.23	79.73	ceeds Capac	0 - 10:03 hrs	8.29	8.29	1.64	1.00	-30.99	4.16	3.50	6.81	6.84	8.13	0.34	0.39	39
1040	☐	678	3.75	36.92	0.09	79.83	ceeds Capac	0 - 10:03 hrs	7.40	7.82	2.16	1.00	-42.91	4.17	3.33	6.57	6.66	7.42	0.53	0.41	38
1041	☐	679	5.50	109.82	0.31	236.66	Backwater	0 - 10:07 hrs	9.96	9.96	2.15	1.00	-126.84	23.34	5.49	0.36	0.36	0.57	1.26	0.00	1
1042	☐	68	1.33	6.09	0.84	5.90	Backwater	0 - 09:52 hrs	4.22	4.22	0.97	1.00	0.19	0.46	1.33	0.66	0.66	0.72	0.00	0.24	5
1043	☐	680	2.00	18.74	0.69	15.59	Backwater	0 - 09:57 hrs	4.96	5.01	0.83	1.00	3.15	1.04	2.00	0.83	0.83	1.52	0.00	0.00	4
1044	☐	681	2.00	15.07	0.44	18.81	ceeds Capac	0 - 09:56 hrs	6.02	6.05	1.25	1.00	-3.73	1.04	2.00	0.62	0.62	0.83	0.03	0.01	2
1045	☐	682	2.00	18.95	0.70	19.36	Backwater	0 - 09:56 hrs	6.40	6.41	1.02	1.00	-0.41	1.05	2.00	0.38	0.38	0.62	0.00	0.00	0
1046	☐	683	1.50	3.56	0.15	0.96	Backwater	0 - 09:57 hrs	0.54	0.54	0.27	1.00	2.60	0.00	1.50	0.41	0.41	0.47	0.00	0.00	5
1047	☐	684	3.00	39.66	0.35	36.43	Backwater	0 - 09:56 hrs	7.36	7.46	0.92	1.00	3.22	3.54	3.00	0.83	0.84	0.85	0.00	0.13	5
1048	☐	685	3.00	47.60	0.51	33.37	Backwater	0 - 09:56 hrs	5.53	6.91	0.70	1.00	14.24	3.54	3.00	0.72	0.72	0.83	0.00	0.00	5
1049	☐	686	3.00	39.04	0.34	37.13	Backwater	0 - 09:56 hrs	6.66	6.74	0.95	1.00	1.91	3.54	3.00	0.65	0.65	0.72	0.00	0.01	4
1050	☐	687	3.00	48.57	0.53	38.15	Backwater	0 - 09:57 hrs	6.08	7.00	0.79	1.00	10.42	3.54	3.00	0.54	0.54	0.65	0.00	0.00	3
1051	☐	688	3.00	33.51	0.25	40.63	Backwater	0 - 09:57 hrs	7.10	7.14	1.21	1.00	-7.12	3.54	3.00	0.54	0.54	0.54	0.04	0.21	4
1052	☐	689	3.00	35.02	0.28	24.82	Backwater	0 - 09:59 hrs	4.27	5.00	0.71	1.00	10.20	2.79	3.00	0.48	0.48	0.51	0.00	0.00	4
1053	☐	69	1.33	1.33	0.04	5.89	ceeds Capac	0 - 10:12 hrs	4.22	4.22	4.41	1.00	-4.55	0.46	1.33	0.66	0.92	0.66	2.51	0.66	3
1054	☐	690	3.00	51.69	0.60	24.91	Backwater	0 - 09:59 hrs	5.10	6.36	0.48	1.00	26.78	2.79	3.00	0.34	0.34	0.46	0.00	0.00	3
1055	☐	691	3.00	17.98	0.07	27.74	ceeds Capac	0 - 09:59 hrs	5.64	5.78	1.54	1.00	-9.75	2.79	3.00	0.33	0.34	0.34	0.53	0.19	2
1056	☐	692	3.00	33.31	0.25	25.73	Backwater	0 - 09:59 hrs	5.03	5.13	0.77	1.00	7.59	2.79	3.00	0.33	0.34	0.34	0.00	0.06	2
1057	☐	693	4.00	136.73	0.91	128.55	Backwater	0 - 11:06 hrs	10.45	11.17	0.94	1.00	8.17	17.53	4.00	0.86	0.86	1.06	0.00	0.00	4
1058	☐	694	1.50	7.90	0.75	17.01	ceeds Capac	0 - 11:55 hrs	9.63	9.63	2.15	1.00	-9.11	0.99	1.50	2.86	2.86	4.32	2.14	2.15	13
1059	☐	697	4.00	83.60	0.34	121.42	ceeds Capac	0 - 09:57 hrs	9.70	9.78	1.45	1.00	-37.82	16.56	4.00	0.88	1.51	0.88	1.57	0.60	4
1060	☐	699	5.00	142.19	0.30	132.25	Backwater	0 - 09:59 hrs	6.83	6.88	0.93	1.00	9.95	17.11	5.00	0.64	0.64	0.88	0.00	0.00	1
1061	☐	7	3.50	25.57	0.06	66.59	ceeds Capac	0 - 10:03 hrs	6.92	8.84	2.60	1.00	-41.01	4.04	2.94	1.00	1.00	1.16	0.93	0.81	7
1062	☐	700	5.00	131.58	0.26	112.34	Backwater	0 - 10:23 hrs	5.72	7.40	0.85	1.00	19.24	15.48	5.00	0.48	0.48	0.64	0.00	0.00	1
1063	☐	701	5.00	163.16	0.39	113.33	Free Surface	0 - 09:59 hrs	7.79	8.84	0.69	0.90	49.83	15.48	5.00	0.00	0.00	0.19	0.00	0.00	0
1064	☐	702	2.00	32.51	2.06	22.83	Backwater	0 - 09:53 hrs	7.27	7.27	0.70	1.00	9.68	1.64	2.00	1.25	1.25	1.51	0.00	0.00	6
1065	☐	703	2.00	17.78	0.62	22.84	ceeds Capac	0 - 09:53 hrs	7.27	7.27	1.28	1.00	-5.06	1.64	2.00	1.07	1.07	1.25	0.45	0.45	7
1066	☐	704	2.00	20.42	0.82	22.83	ceeds Capac	0 - 09:53 hrs	7.27	7.27	1.12	1.00	-2.41	1.64	2.00	0.65	0.65	1.07	0.14	0.15	2
1067	☐	706	2.00	16.79	0.55	23.25	ceeds Capac	0 - 09:53 hrs	7.41	7.50	1.38	1.00	-6.46	1.64	2.00	0.56	0.57	0.65	0.50	0.47	2
1068	☐	707	2.00	8.80	0.15	18.03	ceeds Capac	0 - 10:04 hrs	5.74	5.74	2.05	1.00	-9.24	0.95	2.00	0.59	0.59	0.61	0.53	0.50	0
1069	☐	708	4.50	99.12	0.25	97.76	Backwater	0 - 09:53 hrs	6.93	7.93	0.99	1.00	1.36	21.49	4.50	1.16	1.16	1.28	0.00	0.03	8
1070	☐	709	4.50	135.51	0.47	113.11	Backwater	0 - 13:36 hrs	15.61	15.61	0.83	1.00	22.40	21.49	4.50	1.28	1.28	1.31	0.00	0.44	6
1071	☐	71	1.75	9.03	0.43	11.90	Free Surface	0 - 10:51 hrs	5.37	5.37	1.32	0.87	-2.87	1.98	1.75	0.00	1.50	0.00	1.77	0.00	11
1072	☐	710	4.50	69.52	0.36	165.15	ceeds Capac	0 - 10:00 hrs	10.50	10.81	2.38	1.00	-95.63	29.94	4.50	0.61	2.55	0.61	4.28	0.61	18
1073	☐	711	4.50	114.46	0.34	165.14	ceeds Capac	0 - 10:00 hrs	10.38	10.38	1.44	1.00	-50.67	29.95	4.50	2.30	2.30	2.32	2.20	1.95	18
1074	☐	712	4.50	129.64	0.43	137.35	ceeds Capac	0 - 10:00 hrs	8.64	8.86	1.06	1.00	-7.71	28.54	4.50	1.89	1.89	2.11	0.65	0.66	9
1075	☐	713	4.50	129.54	0.43	165.19	ceeds Capac	0 - 10:00 hrs	10.39	10.39	1.28	1.00	-35.64	29.96	4.50	2.11	2.11	2.30	1.14	1.15	13
1076	☐	715	2.00	6.65	0.09	25.80	ceeds Capac	0 - 09:56 hrs	8.21	8.21	3.88	1.00	-19.16	1.91	2.00	1.01	1.07	1.01	2.16	1.01	3
1077	☐	716	2.00	14.88	0.43	25.81	ceeds Capac	0 - 09:56 hrs	8.21	8.21	1.73	1.00	-10.93	1.87	2.00	1.07	1.07	1.19	0.37	0.41	6
1078	☐	717	2.00	9.99	0.20	25.81	ceeds Capac	0 - 09:56 hrs	8.22	8.62	2.58	1.00	-15.81	1.87	2.00	0.81	1.09	0.81	1.26	0.81	3

EXISTING CONDITIONS 5-YR 24-HR CONDUITS

		ID	Full Depth (ft)	Full Flow (cfs)	Percent Slope (%)	Maximum Flow (cfs)	Maximum Flow Class	Max.Flow Day-Time (day-time)	Velocity at Maximum Flow (ft/s)	Maximum Velocity (ft/s)	Max.Flow/Fu ll Flow	Max.Depth/F ull Depth	Reserve Capacity (cfs)	Total Flow Volume (MG)	Maximum Top Width (ft)	Both End Surcharge Time (hrs)	Upstream Surcharge Time (hrs)	Downstream Surcharge Time (hrs)	Above Full-Flow Time (hrs)	Capacity Limited Time (hrs)	Instability Index
1079	☐	718	2.00	44.74	3.91	21.56	Backwater	0 - 09:55 hrs	8.59	8.61	0.48	1.00	23.18	1.87	2.00	0.81	0.81	1.01	0.00	0.00	4
1080	☐	719	2.50	16.66	0.22	36.88	ceeds Capac	0 - 10:00 hrs	7.60	7.65	2.21	1.00	-20.22	1.88	2.50	0.24	0.42	0.24	0.59	0.24	1
1081	☐	72	1.75	9.44	0.47	11.91	ceeds Capac	0 - 09:52 hrs	4.95	4.95	1.26	1.00	-2.47	1.98	1.75	1.50	1.54	1.50	1.63	1.50	14
1082	☐	720	2.50	49.92	1.48	35.48	Backwater	0 - 10:00 hrs	8.32	8.89	0.71	1.00	14.44	1.88	2.50	0.24	0.24	0.31	0.00	0.00	2
1083	☐	721	3.00	37.09	0.31	36.71	Backwater	0 - 09:59 hrs	6.59	6.83	0.99	1.00	0.38	1.88	3.00	0.23	0.23	0.27	0.00	0.01	2
1084	☐	722	3.00	46.46	0.49	35.31	Backwater	0 - 09:59 hrs	5.69	7.23	0.76	1.00	11.15	1.87	3.00	0.27	0.27	0.51	0.00	0.00	3
1085	☐	723	3.00	47.12	0.50	33.69	Backwater	0 - 09:57 hrs	5.49	6.93	0.71	1.00	13.43	1.87	3.00	0.52	0.52	0.65	0.00	0.00	3
1086	☐	724	3.00	42.01	0.40	27.67	Backwater	0 - 10:08 hrs	3.91	4.58	0.66	1.00	14.33	1.87	3.00	0.65	0.65	0.82	0.00	0.00	4
1087	☐	725	3.00	43.12	0.42	39.89	Backwater	0 - 10:08 hrs	5.64	5.64	0.92	1.00	3.24	3.74	3.00	0.93	0.93	2.02	0.00	0.00	4
1088	☐	726	3.00	29.83	0.20	30.82	ceeds Capac	0 - 10:04 hrs	4.36	5.53	1.03	1.00	-0.99	1.56	3.00	0.06	0.06	0.10	0.02	0.02	0
1089	☐	727	3.00	37.20	0.31	30.76	Backwater	0 - 10:04 hrs	4.35	5.36	0.83	1.00	6.44	1.55	3.00	0.10	0.10	0.33	0.00	0.00	0
1090	☐	728	3.50	64.80	0.41	45.78	Backwater	0 - 10:06 hrs	4.76	6.41	0.71	1.00	19.02	2.44	3.50	0.28	0.28	0.37	0.00	0.00	0
1091	☐	729	3.50	43.26	0.18	45.79	ceeds Capac	0 - 10:06 hrs	4.76	5.00	1.06	1.00	-2.53	2.43	3.50	0.37	0.37	0.56	0.04	0.06	0
1092	☐	73	1.75	7.88	0.33	11.90	ceeds Capac	0 - 10:51 hrs	4.95	4.95	1.51	1.00	-4.03	1.98	1.75	1.47	1.61	1.47	2.10	1.47	9
1093	☐	730	3.50	64.83	0.42	42.49	Backwater	0 - 10:07 hrs	4.42	4.42	0.66	1.00	22.34	2.44	3.50	0.96	0.96	1.79	0.00	0.00	6
1094	☐	731	3.50	73.33	0.53	42.47	Backwater	0 - 10:07 hrs	4.41	5.66	0.58	1.00	30.86	2.43	3.50	0.73	0.73	0.96	0.00	0.00	3
1095	☐	733	2.50	21.90	0.29	35.99	ceeds Capac	0 - 09:59 hrs	7.33	7.33	1.64	1.00	-14.09	2.26	2.50	0.82	0.82	1.01	0.51	0.51	1
1096	☐	734	2.50	42.25	1.06	36.00	Backwater	0 - 09:59 hrs	7.33	7.33	0.85	1.00	6.26	2.27	2.50	0.60	0.60	0.82	0.00	0.00	2
1097	☐	735	2.25	35.17	1.29	14.14	Backwater	0 - 10:07 hrs	3.56	3.95	0.40	1.00	21.03	0.75	2.25	0.49	0.49	0.62	0.00	0.00	3
1098	☐	736	2.25	14.84	0.23	14.14	Backwater	0 - 10:07 hrs	3.56	4.81	0.95	1.00	0.71	0.75	2.25	0.46	0.46	0.50	0.00	0.04	2
1099	☐	737	2.25	14.70	0.23	14.14	Backwater	0 - 10:03 hrs	3.56	4.69	0.96	1.00	0.56	0.75	2.25	0.42	0.42	0.44	0.00	0.05	2
1100	☐	738	2.00	14.60	0.42	15.09	Backwater	0 - 09:57 hrs	5.44	5.46	1.03	1.00	-0.49	0.75	2.00	0.36	0.36	0.43	0.00	0.03	1
1101	☐	739	2.00	15.27	0.46	15.64	Backwater	0 - 09:59 hrs	5.10	5.12	1.02	1.00	-0.37	0.76	2.00	0.29	0.29	0.39	0.01	0.00	1
1102	☐	74	2.00	32.06	2.01	22.84	Free Surface	0 - 10:03 hrs	11.08	11.08	0.71	0.62	9.22	1.09	2.00	0.00	0.00	0.00	0.00	0.00	0
1103	☐	740	2.50	21.23	0.27	43.13	ceeds Capac	0 - 10:00 hrs	8.79	8.79	2.03	1.00	-21.89	2.97	2.50	0.98	1.00	1.00	0.81	0.76	1
1104	☐	741	2.00	10.76	0.23	16.09	ceeds Capac	0 - 09:59 hrs	5.59	5.59	1.50	1.00	-5.33	0.70	2.00	0.26	0.30	0.31	0.22	0.15	0
1105	☐	742	1.75	7.45	0.29	14.19	ceeds Capac	0 - 09:49 hrs	5.90	5.90	1.91	1.00	-6.74	1.84	1.75	1.17	1.78	1.17	2.07	1.17	2
1106	☐	743	1.75	9.28	0.46	14.20	ceeds Capac	0 - 10:42 hrs	5.90	5.90	1.53	1.00	-4.92	1.84	1.75	0.93	1.17	0.93	1.50	0.93	7
1107	☐	744	2.00	12.45	0.30	18.00	ceeds Capac	0 - 10:03 hrs	5.73	5.73	1.45	1.00	-5.54	1.65	2.00	0.66	0.67	0.66	0.69	0.20	2
1108	☐	745	2.50	28.13	0.47	36.81	ceeds Capac	0 - 09:56 hrs	7.50	7.50	1.31	1.00	-8.69	3.08	2.50	0.57	0.58	0.61	0.09	0.04	1
1109	☐	746	2.50	26.79	0.43	36.86	ceeds Capac	0 - 09:56 hrs	7.59	7.72	1.38	1.00	-10.07	3.09	2.50	0.57	0.61	0.58	0.12	0.03	2
1110	☐	747	3.00	36.75	0.30	35.64	Backwater	0 - 09:56 hrs	5.70	5.82	0.97	1.00	1.11	3.09	3.00	0.61	0.61	0.67	0.00	0.00	3
1111	☐	748	1.50	7.56	0.69	13.68	ceeds Capac	0 - 09:57 hrs	7.74	7.74	1.81	1.00	-6.13	0.56	1.50	0.51	0.56	0.63	0.33	0.26	1
1112	☐	749	3.00	47.87	0.52	46.45	Backwater	0 - 09:56 hrs	7.11	7.48	0.97	1.00	1.42	3.65	3.00	0.66	0.66	0.69	0.00	0.00	4
1113	☐	75	1.75	7.08	0.27	6.02	Free Surface	0 - 10:00 hrs	3.38	3.38	0.85	0.71	1.06	0.25	1.75	0.00	0.00	0.00	0.00	0.00	0
1114	☐	750	3.00	38.79	0.34	44.82	ceeds Capac	0 - 09:57 hrs	6.34	6.53	1.16	1.00	-6.03	3.65	3.00	0.72	0.72	0.77	0.02	0.01	3
1115	☐	751	3.00	41.80	0.39	44.82	ceeds Capac	0 - 09:56 hrs	6.34	6.34	1.07	1.00	-3.02	3.65	3.00	0.77	0.77	0.86	0.01	0.01	3
1116	☐	752	2.25	17.46	0.32	8.04	Backwater	0 - 09:57 hrs	2.02	2.38	0.46	1.00	9.41	0.01	2.25	0.42	0.42	0.57	0.00	0.00	4
1117	☐	753	3.00	44.96	0.45	54.54	ceeds Capac	0 - 09:57 hrs	7.72	7.72	1.21	1.00	-9.57	5.02	3.00	0.83	0.83	0.89	0.19	0.19	2
1118	☐	754	3.00	49.40	0.55	72.10	ceeds Capac	0 - 09:57 hrs	10.20	10.20	1.46	1.00	-22.70	5.77	3.00	0.89	0.89	0.98	0.59	0.60	3
1119	☐	755	3.00	45.05	0.46	67.49	ceeds Capac	0 - 09:57 hrs	9.55	9.55	1.50	1.00	-22.44	5.60	3.00	0.89	0.89	0.89	0.94	0.85	4
1120	☐	756	3.50	64.49	0.41	106.69	ceeds Capac	0 - 10:00 hrs	11.14	11.20	1.65	1.00	-42.20	8.73	3.50	0.39	0.81	0.39	0.97	0.39	1
1121	☐	757	1.50	6.91	0.58	7.91	Backwater	0 - 10:00 hrs	4.51	4.85	1.14	1.00	-1.00	0.00	1.50	0.32	0.32	0.42	0.00	0.00	2
1122	☐	758	2.25	40.80	1.74	16.16	Free Surface	0 - 09:59 hrs	5.28	5.28	0.40	0.94	24.64	0.73	2.25	0.00	0.00	0.58	0.00	0.00	0
1123	☐	759	3.50	121.98	1.47	122.54	ceeds Capac	0 - 10:00 hrs	12.74	13.71	1.00	1.00	-0.57	9.76	3.50	0.37	0.37	0.55	0.01	0.01	1
1124	☐	76	1.75	8.43	0.38	5.99	Free Surface	0 - 10:00 hrs	3.52	3.52	0.71	0.67	2.44	0.25	1.75	0.00	0.00	0.00	0.00	0.00	0
1125	☐	760	5.00	113.45	0.54	166.26	Free Surface	0 - 10:07 hrs	9.89	9.90	1.47	0.80	-52.80	13.19	5.00	0.00	0.65	0.00	0.75	0.00	0
1126	☐	761	5.00	106.67	0.48	39.58	Backwater	0 - 10:15 hrs	2.02	2.02	0.37	1.00	67.09	2.15	5.00	0.33	0.33	0.67	0.00	0.00	1
1127	☐	763	5.00	101.80	0.44	41.48	Free Surface	0 - 10:02 hrs	2.77	4.72	0.41	0.92	60.32	2.15	5.00	0.00	0.00	0.30	0.00	0.00	0

EXISTING CONDITIONS 5-YR 24-HR CONDUITS

		ID	Full Depth (ft)	Full Flow (cfs)	Percent Slope (%)	Maximum Flow (cfs)	Maximum Flow Class	Max.Flow Day-Time (day-time)	Velocity at Maximum Flow (ft/s)	Maximum Velocity (ft/s)	Max.Flow/Fu ll Flow	Max.Depth/F ull Depth	Reserve Capacity (cfs)	Total Flow Volume (MG)	Maximum Top Width (ft)	Both End Surcharge Time (hrs)	Upstream Surcharge Time (hrs)	Downstream Surcharge Time (hrs)	Above Full-Flow Time (hrs)	Capacity Limited Time (hrs)	Instability Index
1128	☐	764	5.00	147.01	0.91	11.99	Free Surface	0 - 10:04 hrs	1.50	2.15	0.08	0.50	135.02	0.48	5.00	0.00	0.00	0.00	0.00	0.00	0
1129	☐	767	5.00	488.15	3.51	16.17	Free Surface	0 - 10:36 hrs	28.12	28.12	0.03	0.16	471.98	0.48	4.00	0.00	0.00	0.00	0.00	0.00	0
1130	☐	768	4.50	142.84	0.53	165.00	ceeds Capac	0 - 09:57 hrs	10.44	10.53	1.16	1.00	-22.16	11.26	4.50	0.70	0.70	0.83	0.02	0.05	6
1131	☐	769	4.50	123.82	0.40	141.85	ceeds Capac	0 - 09:57 hrs	8.92	8.92	1.15	1.00	-18.03	9.66	4.50	0.76	0.76	0.76	0.37	0.27	4
1132	☐	77	1.75	9.39	0.47	6.20	Free Surface	0 - 09:59 hrs	4.05	4.06	0.66	0.61	3.20	0.25	1.75	0.00	0.00	0.00	0.00	0.00	0
1133	☐	770	4.50	124.55	0.40	173.62	ceeds Capac	0 - 09:57 hrs	11.11	11.12	1.39	1.00	-49.07	11.27	4.50	0.70	0.75	0.70	0.90	0.69	6
1134	☐	771	5.50	225.47	0.45	223.04	Backwater	0 - 10:03 hrs	9.39	10.29	0.99	1.00	2.43	31.75	5.50	0.71	0.71	0.82	0.00	0.04	3
1135	☐	772	2.50	36.97	0.81	37.40	ceeds Capac	0 - 10:03 hrs	7.62	7.62	1.01	1.00	-0.43	2.15	2.50	0.61	0.61	0.86	0.06	0.05	1
1136	☐	774	3.50	32.50	0.10	25.65	Backwater	0 - 10:03 hrs	2.67	3.90	0.79	1.00	6.85	1.24	3.50	0.26	0.26	0.29	0.00	0.01	0
1137	☐	775	3.50	47.83	0.23	31.01	Backwater	0 - 10:03 hrs	3.22	3.22	0.65	1.00	16.82	1.65	3.50	0.29	0.29	0.36	0.00	0.01	1
1138	☐	776	3.50	51.61	0.26	30.99	Backwater	0 - 10:03 hrs	3.22	4.60	0.60	1.00	20.62	1.65	3.50	0.18	0.18	0.29	0.00	0.01	0
1139	☐	777	1.75	5.06	0.14	7.62	ceeds Capac	0 - 09:59 hrs	3.18	3.18	1.51	1.00	-2.56	0.31	1.75	0.40	0.42	0.43	0.21	0.13	3
1140	☐	778	3.50	27.37	0.07	19.95	Backwater	0 - 10:00 hrs	3.05	3.20	0.73	1.00	7.42	0.92	3.50	0.22	0.22	0.23	0.00	0.01	0
1141	☐	779	3.50	51.12	0.26	28.18	Backwater	0 - 10:03 hrs	2.93	3.35	0.55	1.00	22.94	0.66	3.50	0.16	0.16	0.20	0.00	0.00	1
1142	☐	78	1.75	22.54	2.70	6.47	Free Surface	0 - 09:59 hrs	5.71	5.71	0.29	0.48	16.07	0.25	1.75	0.00	0.00	0.00	0.00	0.00	0
1143	☐	780	2.50	11.91	0.08	13.02	ceeds Capac	0 - 09:55 hrs	2.65	2.65	1.09	1.00	-1.11	1.67	2.50	16.28	16.28	16.70	0.31	0.37	43
1144	☐	781	2.00	10.69	0.22	13.02	ceeds Capac	0 - 09:55 hrs	4.14	4.14	1.22	1.00	-2.32	1.68	2.00	16.45	16.45	16.74	0.55	0.65	62
1145	☐	782	2.00	11.20	0.25	13.02	ceeds Capac	0 - 09:52 hrs	4.14	4.14	1.16	1.00	-1.82	1.68	2.00	16.20	16.20	16.45	0.42	0.50	59
1146	☐	783	2.00	12.29	0.29	13.02	ceeds Capac	0 - 09:53 hrs	4.15	4.15	1.06	1.00	-0.74	1.71	2.00	15.45	15.45	16.20	0.26	0.30	44
1147	☐	784	2.00	14.52	0.41	13.04	Backwater	0 - 09:52 hrs	4.15	4.15	0.90	1.00	1.49	1.72	2.00	15.20	15.20	15.46	0.00	0.04	58
1148	☐	785	2.00	12.74	0.32	13.89	ceeds Capac	0 - 10:22 hrs	4.42	4.42	1.09	1.00	-1.15	1.75	2.00	14.99	14.99	15.15	0.74	0.77	57
1149	☐	786	2.00	12.21	0.29	14.61	ceeds Capac	0 - 10:14 hrs	4.65	4.65	1.20	1.00	-2.40	1.77	2.00	14.74	14.74	14.93	0.79	0.81	51
1150	☐	787	2.00	4.64	0.04	21.29	ceeds Capac	0 - 09:59 hrs	7.00	7.00	4.59	1.00	-16.65	0.98	2.00	13.93	14.05	13.93	1.06	2.93	48
1151	☐	788	2.25	6.50	0.04	21.31	Backwater	0 - 09:59 hrs	5.36	5.36	3.28	1.00	-14.80	0.98	2.25	13.96	13.96	14.07	0.68	3.02	49
1152	☐	789	2.00	12.89	0.32	21.30	ceeds Capac	0 - 09:59 hrs	6.78	6.78	1.65	1.00	-8.41	0.99	2.00	14.09	14.09	14.09	0.30	1.59	53
1153	☐	79	3.00	41.33	0.38	28.51	Backwater	0 - 10:03 hrs	4.03	5.06	0.69	1.00	12.82	4.58	3.00	0.68	0.68	1.43	0.00	0.01	3
1154	☐	790	2.00	10.12	0.20	21.29	ceeds Capac	0 - 09:59 hrs	6.78	6.78	2.10	1.00	-11.17	0.99	2.00	13.72	13.75	14.06	0.43	0.36	47
1155	☐	792	2.00	15.66	0.48	4.81	Backwater	0 - 09:59 hrs	1.93	1.93	0.31	1.00	10.85	0.19	2.00	13.76	13.76	13.87	0.00	0.00	85
1156	☐	793	2.00	20.76	0.84	1.62	Backwater	0 - 09:59 hrs	0.68	1.45	0.08	1.00	19.14	0.05	2.00	13.68	13.68	13.87	0.00	0.00	50
1157	☐	794	2.00	19.50	0.74	1.88	Backwater	0 - 09:57 hrs	1.12	1.62	0.10	1.00	17.62	0.06	2.00	13.51	13.51	13.68	0.00	0.04	51
1158	☐	796	2.25	10.77	0.12	11.45	Backwater	0 - 10:00 hrs	3.62	3.62	1.06	1.00	-0.67	0.50	2.25	13.72	13.72	13.77	0.11	0.11	56
1159	☐	797	2.00	8.51	0.14	11.44	Backwater	0 - 10:04 hrs	3.74	3.98	1.34	1.00	-2.93	0.50	2.00	13.71	13.71	13.80	0.21	0.02	44
1160	☐	799	2.00	10.90	0.23	11.49	Backwater	0 - 10:03 hrs	3.68	3.82	1.05	1.00	-0.60	0.51	2.00	13.32	13.32	13.71	0.12	0.00	47
1161	☐	8	4.50	136.95	0.49	59.57	Backwater	0 - 12:59 hrs	3.75	3.75	0.43	1.00	77.38	12.59	4.50	17.52	17.52	20.79	0.00	0.00	51
1162	☐	80	2.50	23.79	0.34	13.03	Backwater	0 - 10:45 hrs	3.07	4.92	0.55	1.00	10.76	3.76	2.50	0.53	0.53	0.79	0.00	0.00	4
1163	☐	800	2.00	7.79	0.12	11.88	Backwater	0 - 09:59 hrs	3.87	3.87	1.53	1.00	-4.09	0.51	2.00	13.05	13.10	13.32	0.26	0.08	47
1164	☐	801	2.25	9.77	0.10	23.02	ceeds Capac	0 - 09:59 hrs	5.79	5.79	2.36	1.00	-13.25	1.22	2.25	13.19	13.20	13.70	0.58	0.99	45
1165	☐	802	2.50	12.93	0.10	22.92	ceeds Capac	0 - 09:59 hrs	4.67	4.67	1.77	1.00	-9.99	1.22	2.50	12.48	12.48	12.97	0.41	0.74	47
1166	☐	803	2.50	13.04	0.10	22.90	ceeds Capac	0 - 10:00 hrs	4.67	4.67	1.76	1.00	-9.87	1.22	2.50	12.96	12.97	13.33	0.40	0.70	47
1167	☐	804	2.50	15.22	0.14	22.90	ceeds Capac	0 - 09:59 hrs	4.66	4.66	1.50	1.00	-7.68	1.20	2.50	13.32	13.33	14.04	0.30	0.26	41
1168	☐	805	2.50	23.48	0.33	22.98	Backwater	0 - 09:59 hrs	4.68	4.68	0.98	1.00	0.51	1.19	2.50	14.04	14.04	14.05	0.00	0.03	47
1169	☐	806	2.50	13.53	0.09	22.92	Backwater	0 - 09:59 hrs	4.80	4.81	1.69	1.00	-9.39	1.19	2.50	13.91	13.91	14.05	0.34	0.00	49
1170	☐	807	2.00	15.95	0.50	7.46	Free Surface	0 - 09:59 hrs	4.86	4.88	0.47	0.49	8.49	0.30	2.00	0.00	0.00	0.00	0.00	0.00	0
1171	☐	808	2.00	11.29	0.25	7.09	Free Surface	0 - 10:00 hrs	4.37	4.37	0.63	0.51	4.21	0.30	1.98	0.00	0.00	0.00	0.00	0.00	0
1172	☐	809	2.00	34.93	2.38	7.08	Free Surface	0 - 10:00 hrs	5.79	5.83	0.20	0.41	27.84	0.30	1.97	0.00	0.00	0.00	0.00	0.00	0
1173	☐	81	2.00	32.34	2.04	3.73	Free Surface	0 - 10:00 hrs	1.85	1.85	0.12	0.63	28.61	0.00	2.00	0.00	0.00	0.56	0.00	0.00	0
1174	☐	810	2.00	31.70	1.96	17.71	Free Surface	0 - 09:59 hrs	9.11	9.13	0.56	0.60	13.98	0.78	2.00	0.00	0.00	0.00	0.00	0.00	0
1175	☐	811	2.00	25.50	1.27	17.59	Free Surface	0 - 10:04 hrs	8.92	8.92	0.69	0.60	7.92	0.78	2.00	0.00	0.00	0.00	0.00	0.00	0
1176	☐	812	2.00	30.66	1.84	17.58	Free Surface	0 - 10:04 hrs	9.76	9.80	0.57	0.56	13.08	0.78	2.00	0.00	0.00	0.00	0.00	0.00	0

EXISTING CONDITIONS 5-YR 24-HR CONDUITS

		ID	Full Depth (ft)	Full Flow (cfs)	Percent Slope (%)	Maximum Flow (cfs)	Maximum Flow Class	Max.Flow Day-Time (day-time)	Velocity at Maximum Flow (ft/s)	Maximum Velocity (ft/s)	Max.Flow/Fu ll Flow	Max.Depth/F ull Depth	Reserve Capacity (cfs)	Total Flow Volume (MG)	Maximum Top Width (ft)	Both End Surcharge Time (hrs)	Upstream Surcharge Time (hrs)	Downstream Surcharge Time (hrs)	Above Full-Flow Time (hrs)	Capacity Limited Time (hrs)	Instability Index
1177	☐	813	2.00	28.14	1.55	17.57	Free Surface	0 - 10:04 hrs	9.45	9.45	0.62	0.57	10.57	0.77	2.00	0.00	0.00	0.00	0.00	0.00	0
1178	☐	814	2.00	22.76	1.01	17.57	Free Surface	0 - 10:04 hrs	7.99	7.99	0.77	0.66	5.19	0.77	2.00	0.00	0.00	0.00	0.00	0.00	0
1179	☐	815	2.00	37.43	2.74	17.57	Free Surface	0 - 10:04 hrs	11.72	11.72	0.47	0.48	19.86	0.77	2.00	0.00	0.00	0.00	0.00	0.00	0
1180	☐	816	2.75	8.74	0.03	56.14	Free Surface	0 - 09:59 hrs	9.68	9.68	6.42	0.94	-47.40	2.98	2.75	0.00	0.00	0.40	2.31	0.00	1
1181	☐	817	2.75	47.71	0.81	52.05	ceeds Capac	0 - 10:07 hrs	8.76	8.76	1.09	1.00	-4.33	2.82	2.75	0.27	0.27	0.40	0.19	0.18	1
1182	☐	818	2.50	42.45	1.07	52.05	ceeds Capac	0 - 10:07 hrs	10.60	10.60	1.23	1.00	-9.60	2.82	2.50	0.24	0.24	0.29	0.22	0.22	1
1183	☐	819	2.50	69.89	2.90	57.60	Free Surface	0 - 10:04 hrs	12.73	12.73	0.82	0.87	12.29	2.84	2.50	0.00	0.00	0.23	0.00	0.00	0
1184	☐	82	2.50	20.80	0.26	11.83	Backwater	0 - 09:59 hrs	4.59	4.70	0.57	1.00	8.97	3.76	2.50	0.23	0.23	0.46	0.00	0.00	2
1185	☐	820	2.50	68.99	2.83	28.02	Free Surface	0 - 10:04 hrs	9.39	9.91	0.41	0.59	40.97	1.36	2.50	0.00	0.00	0.00	0.00	0.00	0
1186	☐	821	2.50	33.24	0.66	28.04	Free Surface	0 - 10:04 hrs	7.59	7.59	0.84	0.70	5.20	1.36	2.50	0.00	0.00	0.00	0.00	0.00	0
1187	☐	822	2.50	31.67	0.60	28.32	Free Surface	0 - 10:04 hrs	7.34	7.34	0.89	0.73	3.34	1.37	2.50	0.00	0.00	0.00	0.00	0.00	0
1188	☐	823	2.50	29.61	0.52	28.49	Free Surface	0 - 10:03 hrs	7.12	7.12	0.96	0.76	1.12	1.37	2.50	0.00	0.00	0.00	0.00	0.00	0
1189	☐	824	4.50	563.18	8.20	88.56	Free Surface	0 - 10:19 hrs	17.17	19.16	0.16	0.36	474.63	16.57	4.32	0.00	0.00	0.00	0.00	0.00	0
1190	☐	825	4.50	137.74	0.49	88.56	Free Surface	0 - 10:19 hrs	9.02	9.02	0.64	0.59	49.18	16.57	4.50	0.00	0.00	0.00	0.00	0.00	0
1191	☐	826	4.50	155.55	0.63	88.55	Free Surface	0 - 10:19 hrs	10.09	10.09	0.57	0.54	66.99	16.57	4.50	0.00	0.00	0.00	0.00	0.00	0
1192	☐	827	4.00	430.88	9.00	88.56	Free Surface	0 - 10:19 hrs	15.79	15.79	0.21	0.46	342.33	16.58	3.99	0.00	0.00	0.00	0.00	0.00	0
1193	☐	828	4.00	67.05	0.22	88.56	Free Surface	0 - 10:19 hrs	8.77	8.77	1.32	0.75	-21.50	16.58	4.00	0.00	0.00	0.00	2.09	0.00	0
1194	☐	829	4.00	125.82	0.77	88.56	Free Surface	0 - 10:19 hrs	9.40	9.40	0.70	0.70	37.26	16.58	4.00	0.00	0.00	0.00	0.00	0.00	0
1195	☐	83	1.50	5.69	0.39	11.75	ceeds Capac	0 - 10:41 hrs	6.84	6.84	2.07	1.00	-6.06	3.76	1.50	0.55	10.22	0.55	10.57	0.54	6
1196	☐	830	4.00	90.18	0.39	88.56	Free Surface	0 - 10:19 hrs	8.67	8.67	0.98	0.76	1.63	16.58	4.00	0.00	0.00	0.00	0.00	0.00	0
1197	☐	831	2.25	29.96	0.94	25.62	Backwater	0 - 10:06 hrs	6.44	6.44	0.86	1.00	4.34	5.65	2.25	0.78	0.78	3.25	0.00	0.00	0
1198	☐	832	2.25	19.21	0.38	25.63	ceeds Capac	0 - 10:04 hrs	6.51	6.67	1.33	1.00	-6.42	5.65	2.25	0.00	1.90	0.00	3.45	0.00	2
1199	☐	833	2.25	19.56	0.40	25.63	ceeds Capac	0 - 10:06 hrs	6.45	6.45	1.31	1.00	-6.07	5.65	2.25	2.06	2.23	2.06	2.59	2.06	13
1200	☐	834	2.25	32.05	1.07	25.63	Backwater	0 - 10:06 hrs	6.44	6.70	0.80	1.00	6.43	5.65	2.25	1.93	1.93	2.23	0.00	0.03	19
1201	☐	835	2.25	21.68	0.49	25.62	ceeds Capac	0 - 10:06 hrs	6.44	6.44	1.18	1.00	-3.94	5.65	2.25	1.66	1.66	1.93	1.68	1.44	6
1202	☐	837	3.50	51.11	0.26	85.51	ceeds Capac	0 - 09:59 hrs	8.89	8.89	1.67	1.00	-34.40	9.42	3.50	1.04	1.10	1.04	1.27	1.04	5
1203	☐	838	3.50	55.38	0.30	78.07	ceeds Capac	0 - 10:11 hrs	8.11	8.11	1.41	1.00	-22.70	8.95	3.50	1.09	1.09	1.19	1.07	1.04	3
1204	☐	839	3.00	34.02	0.26	34.92	ceeds Capac	0 - 10:22 hrs	4.94	4.94	1.03	1.00	-0.91	3.70	3.00	1.06	1.06	1.17	0.10	0.12	4
1205	☐	84	2.50	51.72	1.59	33.28	Backwater	0 - 09:59 hrs	6.78	6.78	0.64	1.00	18.43	1.80	2.50	0.26	0.26	8.29	0.00	0.00	7
1206	☐	840	2.00	16.40	0.53	22.33	ceeds Capac	0 - 09:52 hrs	7.11	7.11	1.36	1.00	-5.93	1.74	2.00	0.61	0.61	0.70	0.41	0.40	1
1207	☐	841	2.00	17.27	0.58	25.23	ceeds Capac	0 - 10:03 hrs	8.03	8.03	1.46	1.00	-7.96	1.41	2.00	0.53	0.53	0.61	0.35	0.35	0
1208	☐	842	2.00	6.49	0.08	22.33	ceeds Capac	0 - 09:52 hrs	7.11	7.29	3.44	1.00	-15.84	1.73	2.00	0.51	0.84	0.51	1.98	0.51	2
1209	☐	843	2.00	19.63	0.75	21.43	ceeds Capac	0 - 10:17 hrs	6.82	6.82	1.09	1.00	-1.80	1.73	2.00	0.62	0.62	0.66	0.19	0.20	2
1210	☐	844	2.00	20.30	0.81	21.43	ceeds Capac	0 - 10:15 hrs	6.82	7.25	1.06	1.00	-1.13	1.73	2.00	0.58	0.58	0.60	0.13	0.13	2
1211	☐	845	2.00	17.26	0.58	29.08	ceeds Capac	0 - 09:53 hrs	9.26	9.26	1.68	1.00	-11.82	2.26	2.00	0.54	0.69	0.54	0.77	0.54	2
1212	☐	846	1.25	9.56	2.91	6.00	Free Surface	0 - 09:59 hrs	8.22	8.22	0.63	0.57	3.55	0.22	1.25	0.00	0.00	0.00	0.00	0.00	0
1213	☐	847	2.50	30.25	0.54	49.80	ceeds Capac	0 - 09:59 hrs	10.15	10.15	1.65	1.00	-19.55	3.17	2.50	0.20	0.46	0.20	0.55	0.20	1
1214	☐	848	1.25	9.98	3.18	6.02	Free Surface	0 - 09:59 hrs	5.82	5.83	0.60	0.79	3.96	0.22	1.25	0.00	0.00	0.70	0.00	0.00	0
1215	☐	849	2.25	23.60	0.58	40.32	ceeds Capac	0 - 09:59 hrs	10.14	10.14	1.71	1.00	-16.72	2.82	2.25	0.25	0.49	0.25	0.67	0.25	2
1216	☐	85	3.50	27.09	0.07	48.45	Backwater	0 - 10:00 hrs	5.04	5.04	1.79	1.00	-21.36	0.01	3.50	6.80	6.80	7.79	0.51	0.17	22
1217	☐	850	2.25	31.57	1.04	40.32	ceeds Capac	0 - 09:59 hrs	10.14	10.14	1.28	1.00	-8.75	2.82	2.25	0.45	0.45	0.49	0.44	0.43	3
1218	☐	851	2.25	35.65	1.32	40.32	ceeds Capac	0 - 09:59 hrs	10.14	10.14	1.13	1.00	-4.67	2.82	2.25	0.40	0.40	0.45	0.26	0.25	2
1219	☐	852	2.25	32.15	1.08	36.28	ceeds Capac	0 - 09:59 hrs	9.13	9.53	1.13	1.00	-4.13	2.69	2.25	0.38	0.38	0.40	0.38	0.36	3
1220	☐	853	2.25	36.89	1.42	36.90	Backwater	0 - 09:55 hrs	9.83	10.70	1.00	1.00	-0.01	2.69	2.25	0.30	0.30	0.35	0.00	0.04	2
1221	☐	854	2.25	26.62	0.74	33.79	ceeds Capac	0 - 09:56 hrs	8.56	8.63	1.27	1.00	-7.17	2.51	2.25	0.30	0.42	0.30	0.48	0.30	2
1222	☐	855	2.25	19.68	0.40	29.08	ceeds Capac	0 - 09:53 hrs	7.36	7.66	1.48	1.00	-9.40	2.26	2.25	0.42	0.49	0.42	0.65	0.41	2
1223	☐	856	2.50	13.58	0.11	49.91	Free Surface	0 - 09:59 hrs	10.31	10.31	3.67	0.96	-36.33	3.17	2.50	0.00	0.49	0.00	1.55	0.00	0
1224	☐	857	1.25	8.07	2.08	4.34	Free Surface	0 - 09:59 hrs	6.69	6.69	0.54	0.52	3.73	0.15	1.25	0.00	0.00	0.00	0.00	0.00	0
1225	☐	858	1.25	7.04	1.58	4.30	Free Surface	0 - 09:59 hrs	6.02	6.02	0.61	0.56	2.74	0.15	1.25	0.00	0.00	0.00	0.00	0.00	0

EXISTING CONDITIONS 5-YR 24-HR CONDUITS

		ID	Full Depth (ft)	Full Flow (cfs)	Percent Slope (%)	Maximum Flow (cfs)	Maximum Flow Class	Max.Flow Day-Time (day-time)	Velocity at Maximum Flow (ft/s)	Maximum Velocity (ft/s)	Max.Flow/Fu ll Flow	Max.Depth/F ull Depth	Reserve Capacity (cfs)	Total Flow Volume (MG)	Maximum Top Width (ft)	Both End Surcharge Time (hrs)	Upstream Surcharge Time (hrs)	Downstream Surcharge Time (hrs)	Above Full-Flow Time (hrs)	Capacity Limited Time (hrs)	Instability Index
1226	☐	859	2.50	50.38	1.51	49.48	Free Surface	0 - 09:59 hrs	11.71	11.71	0.98	0.80	0.90	3.17	2.50	0.00	0.00	0.00	0.00	0.00	0
1227	☐	86	3.00	82.34	1.52	30.95	Backwater	0 - 10:15 hrs	4.38	8.93	0.38	1.00	51.40	3.49	3.00	0.85	0.85	1.44	0.00	0.00	4
1228	☐	860	1.25	7.00	1.56	0.00	Free Surface	0 - 00:00 hrs	0.00	0.00	0.00	0.22	7.00	0.00	1.25	0.00	0.00	0.00	0.00	0.00	0
1229	☐	862	1.75	41.79	9.26	24.84	Free Surface	0 - 10:03 hrs	12.38	12.38	0.59	0.78	16.96	1.13	1.04	0.00	0.00	23.81	0.00	0.00	0
1230	☐	863	2.00	14.57	0.41	23.21	Free Surface	0 - 10:03 hrs	7.64	7.64	1.59	0.93	-8.64	1.05	2.00	0.00	0.22	0.00	0.29	0.00	0
1231	☐	864	2.00	18.73	0.69	16.80	Backwater	0 - 10:04 hrs	5.35	5.40	0.90	1.00	1.94	0.77	2.00	0.10	0.10	0.19	0.00	0.00	0
1232	☐	865	2.00	22.19	0.96	31.09	Free Surface	0 - 10:03 hrs	10.00	10.00	1.40	0.97	-8.90	1.40	2.00	0.00	0.20	0.00	0.24	0.00	1
1233	☐	866	3.00	54.58	0.67	30.97	Free Surface	0 - 10:03 hrs	7.74	7.80	0.57	0.55	23.61	1.40	3.00	0.00	0.00	0.00	0.00	0.00	0
1234	☐	867	2.00	26.37	1.36	11.47	Free Surface	0 - 09:59 hrs	4.66	4.66	0.44	0.73	14.90	0.48	2.00	0.00	0.00	0.35	0.00	0.00	0
1235	☐	868	2.00	39.17	3.00	11.57	Free Surface	0 - 09:59 hrs	9.35	9.35	0.30	0.42	27.59	0.48	1.97	0.00	0.00	0.00	0.00	0.00	0
1236	☐	869	1.50	6.41	0.50	11.65	Free Surface	0 - 09:59 hrs	6.79	6.79	1.82	0.93	-5.24	0.48	1.50	0.00	0.26	0.00	0.33	0.00	0
1237	☐	87	5.00	153.19	0.35	169.54	ceeds Capac	0 - 10:45 hrs	8.63	8.63	1.11	1.00	-16.35	27.27	5.00	1.34	1.41	1.35	1.25	0.95	5
1238	☐	870	2.00	18.90	0.70	15.21	Free Surface	0 - 10:04 hrs	6.71	6.71	0.80	0.68	3.69	0.68	2.00	0.00	0.00	0.00	0.00	0.00	0
1239	☐	871	2.00	22.96	1.03	15.26	Free Surface	0 - 10:04 hrs	7.21	7.28	0.66	0.64	7.70	0.68	2.00	0.00	0.00	0.00	0.00	0.00	0
1240	☐	872	2.00	16.23	0.51	15.57	Free Surface	0 - 09:59 hrs	6.55	6.55	0.96	0.71	0.66	0.68	2.00	0.00	0.00	0.00	0.00	0.00	0
1241	☐	873	2.75	27.27	0.27	41.45	ceeds Capac	0 - 10:08 hrs	6.98	6.98	1.52	1.00	-14.18	2.72	2.75	0.47	0.47	0.59	0.45	0.43	0
1242	☐	875	1.75	48.34	12.39	0.58	Free Surface	0 - 09:55 hrs	0.48	0.48	0.01	0.51	47.76	0.00	1.75	0.00	0.00	0.53	0.00	0.00	0
1243	☐	876	2.75	33.75	0.41	41.45	ceeds Capac	0 - 10:08 hrs	6.98	6.98	1.23	1.00	-7.70	2.73	2.75	0.66	0.66	1.59	0.32	0.32	3
1244	☐	877	2.00	21.57	0.91	14.19	Free Surface	0 - 10:04 hrs	4.76	5.37	0.66	0.90	7.38	0.64	2.00	0.00	0.00	0.34	0.00	0.00	0
1245	☐	878	1.50	7.58	0.69	0.32	Free Surface	0 - 09:59 hrs	0.67	0.69	0.04	0.45	7.26	0.00	1.50	0.00	0.00	0.00	0.00	0.00	0
1246	☐	879	1.50	9.69	1.13	16.79	ceeds Capac	0 - 10:14 hrs	9.50	9.50	1.73	1.00	-7.10	1.26	1.50	0.47	0.64	0.47	0.70	0.47	0
1247	☐	88	5.00	169.92	0.43	150.53	Backwater	0 - 11:06 hrs	7.67	8.48	0.89	1.00	19.39	23.80	5.00	1.24	1.24	1.41	0.00	0.00	7
1248	☐	880	2.00	40.67	3.23	14.00	Free Surface	0 - 10:03 hrs	5.84	8.41	0.34	0.71	26.67	0.64	2.00	0.00	0.00	0.58	0.00	0.00	0
1249	☐	881	2.00	15.98	0.50	33.79	ceeds Capac	0 - 09:59 hrs	10.75	10.75	2.11	1.00	-17.81	2.24	2.00	0.87	0.87	0.92	0.78	0.77	3
1250	☐	882	2.00	15.03	1.26	16.80	ceeds Capac	0 - 10:14 hrs	5.35	5.35	1.12	1.00	-1.77	1.25	2.00	0.70	0.70	0.86	0.19	0.18	2
1251	☐	884	2.00	21.37	0.89	15.31	Backwater	0 - 09:53 hrs	4.87	6.58	0.72	1.00	6.06	1.08	2.00	1.07	1.07	1.10	0.00	0.01	7
1252	☐	885	2.50	18.34	0.20	23.70	ceeds Capac	0 - 09:53 hrs	4.83	4.83	1.29	1.00	-5.36	2.51	2.50	0.83	0.85	0.83	0.66	0.49	3
1253	☐	886	2.50	20.40	0.25	32.13	ceeds Capac	0 - 09:53 hrs	6.55	6.55	1.57	1.00	-11.73	3.15	2.50	0.79	0.83	0.79	1.08	0.77	6
1254	☐	887	2.50	19.23	0.22	32.18	ceeds Capac	0 - 09:53 hrs	6.55	6.55	1.67	1.00	-12.95	3.15	2.50	0.76	0.79	0.76	1.15	0.76	6
1255	☐	888	2.50	21.68	0.28	32.21	ceeds Capac	0 - 09:53 hrs	6.56	6.56	1.49	1.00	-10.54	3.15	2.50	0.75	0.76	0.75	1.01	0.66	7
1256	☐	889	2.50	18.97	0.21	32.26	ceeds Capac	0 - 09:53 hrs	6.57	6.57	1.70	1.00	-13.29	3.15	2.50	0.75	0.77	0.75	1.16	0.62	7
1257	☐	89	5.00	142.01	0.30	150.74	ceeds Capac	0 - 09:56 hrs	8.74	8.99	1.06	1.00	-8.73	23.80	5.00	1.24	1.29	1.24	0.70	0.51	7
1258	☐	890	2.50	22.04	0.29	32.21	ceeds Capac	0 - 09:53 hrs	6.57	6.58	1.46	1.00	-10.17	3.14	2.50	0.73	0.75	0.73	0.99	0.69	6
1259	☐	891	2.50	20.83	0.26	31.80	ceeds Capac	0 - 09:53 hrs	6.60	6.86	1.53	1.00	-10.97	3.14	2.50	0.69	0.75	0.69	1.07	0.69	5
1260	☐	892	2.50	47.16	1.32	66.25	Free Surface	0 - 10:03 hrs	13.89	13.89	1.40	0.94	-19.08	5.39	2.50	0.00	0.73	0.00	0.54	0.00	1
1261	☐	893	2.50	31.25	0.58	37.51	ceeds Capac	0 - 10:08 hrs	7.64	7.64	1.20	1.00	-6.27	3.97	2.50	0.72	0.74	0.73	0.80	0.70	4
1262	☐	894	2.50	14.51	0.13	13.44	Backwater	0 - 10:08 hrs	2.74	2.74	0.93	1.00	1.06	0.82	2.50	0.64	0.64	0.72	0.00	0.03	3
1263	☐	895	2.75	35.15	0.44	13.91	Backwater	0 - 09:55 hrs	2.35	3.83	0.40	1.00	21.25	0.82	2.75	0.51	0.51	0.55	0.00	0.10	5
1264	☐	896	3.50	68.19	0.46	66.48	Backwater	0 - 10:00 hrs	6.91	7.08	0.97	1.00	1.72	5.89	3.50	0.16	0.16	0.41	0.00	0.01	0
1265	☐	897	3.50	85.65	0.72	69.72	Backwater	0 - 10:00 hrs	7.39	8.93	0.81	1.00	15.93	5.89	3.50	0.13	0.13	0.16	0.00	0.01	0
1266	☐	898	3.50	42.25	0.18	70.41	ceeds Capac	0 - 09:59 hrs	7.65	8.09	1.67	1.00	-28.16	5.89	3.50	0.13	0.30	0.13	0.92	0.13	1
1267	☐	899	3.50	126.05	1.57	70.37	Backwater	0 - 09:59 hrs	7.33	8.36	0.56	1.00	55.68	5.89	3.50	0.20	0.20	0.30	0.00	0.00	1
1268	☐	9	4.00	62.38	0.54	33.35	Free Surface	0 - 10:04 hrs	5.50	5.50	0.53	0.49	29.03	1.94	4.00	0.00	0.00	0.00	0.00	0.00	0
1269	☐	90	5.00	143.61	0.30	146.01	ceeds Capac	0 - 11:07 hrs	7.44	8.20	1.02	1.00	-2.41	22.77	5.00	1.28	1.29	1.29	0.43	0.44	7
1270	☐	900	2.75	12.44	0.16	28.35	Backwater	0 - 09:56 hrs	5.79	6.09	2.28	1.00	-15.91	2.99	2.75	0.28	0.28	0.30	1.94	0.02	3
1271	☐	901	2.75	19.13	0.37	28.35	ceeds Capac	0 - 09:56 hrs	4.83	4.97	1.48	1.00	-9.22	2.99	2.75	0.30	0.96	0.30	1.12	0.30	3
1272	☐	902	3.75	31.13	0.07	66.95	ceeds Capac	0 - 10:00 hrs	6.06	6.06	2.15	1.00	-35.82	5.88	3.75	0.13	0.16	0.13	1.27	0.11	1
1273	☐	903	3.50	45.38	0.20	67.07	ceeds Capac	0 - 10:00 hrs	6.99	6.99	1.48	1.00	-21.69	5.88	3.50	0.05	0.38	0.05	0.82	0.05	0
1274	☐	904	3.50	48.13	0.23	65.25	Free Surface	0 - 10:04 hrs	8.21	8.31	1.36	0.77	-17.12	5.88	3.50	0.00	0.00	0.00	0.71	0.00	0

EXISTING CONDITIONS 5-YR 24-HR CONDUITS

		ID	Full Depth (ft)	Full Flow (cfs)	Percent Slope (%)	Maximum Flow (cfs)	Maximum Flow Class	Max.Flow Day-Time (day-time)	Velocity at Maximum Flow (ft/s)	Maximum Velocity (ft/s)	Max.Flow/Fu ll Flow	Max.Depth/F ull Depth	Reserve Capacity (cfs)	Total Flow Volume (MG)	Maximum Top Width (ft)	Both End Surcharge Time (hrs)	Upstream Surcharge Time (hrs)	Downstream Surcharge Time (hrs)	Above Full-Flow Time (hrs)	Capacity Limited Time (hrs)	Instability Index
1275	☐	905	3.50	58.96	0.34	66.38	Free Surface	0 - 10:00 hrs	6.93	6.93	1.13	0.99	-7.42	5.88	3.50	0.00	0.05	0.00	0.44	0.00	0
1276	☐	906	3.00	105.81	2.52	80.64	Free Surface	0 - 10:03 hrs	12.90	12.90	0.76	0.83	25.17	6.59	3.00	0.00	0.00	0.57	0.00	0.00	0
1277	☐	907	2.25	31.09	1.01	49.22	ceeds Capac	0 - 09:59 hrs	12.38	12.38	1.58	1.00	-18.13	3.34	2.25	0.61	0.62	0.64	0.65	0.59	2
1278	☐	908	2.50	35.72	0.76	26.88	Backwater	0 - 10:26 hrs	5.57	7.05	0.75	1.00	8.84	2.17	2.50	0.47	0.47	0.57	0.00	0.00	2
1279	☐	909	2.25	27.23	0.77	28.06	Backwater	0 - 09:56 hrs	7.31	7.83	1.03	1.00	-0.84	2.17	2.25	0.48	0.48	0.50	0.00	0.02	3
1280	☐	91	5.00	169.83	0.43	143.30	Backwater	0 - 11:06 hrs	7.38	8.64	0.84	1.00	26.53	22.09	5.00	0.85	0.85	1.29	0.00	0.00	6
1281	☐	910	2.25	25.74	0.69	30.76	ceeds Capac	0 - 09:56 hrs	7.88	7.88	1.20	1.00	-5.02	2.17	2.25	0.43	0.44	0.43	0.22	0.17	3
1282	☐	911	2.25	25.50	0.68	34.51	ceeds Capac	0 - 09:56 hrs	8.68	8.68	1.35	1.00	-9.01	2.17	2.25	0.41	0.44	0.44	0.28	0.19	2
1283	☐	912	2.25	18.80	0.37	14.75	Backwater	0 - 09:56 hrs	3.71	3.76	0.78	1.00	4.05	0.67	2.25	0.37	0.37	0.44	0.00	0.00	0
1284	☐	913	1.75	6.51	0.22	7.28	Backwater	0 - 09:56 hrs	3.03	3.03	1.12	1.00	-0.77	0.00	1.75	0.41	0.41	0.46	0.00	0.00	3
1285	☐	914	1.75	6.85	0.25	7.29	Backwater	0 - 09:56 hrs	3.03	3.03	1.06	1.00	-0.43	0.00	1.75	0.40	0.40	0.41	0.00	0.05	3
1286	☐	916	1.75	6.91	0.25	7.29	Backwater	0 - 09:56 hrs	3.07	3.20	1.06	1.00	-0.38	0.00	1.75	0.36	0.36	0.40	0.00	0.01	3
1287	☐	918	1.50	7.10	0.61	4.20	Backwater	0 - 09:52 hrs	2.40	2.40	0.59	1.00	2.89	0.00	1.50	0.76	0.76	1.07	0.00	0.00	6
1288	☐	919	2.50	15.09	0.14	28.32	ceeds Capac	0 - 09:56 hrs	5.77	5.77	1.88	1.00	-13.23	3.00	2.50	1.05	1.15	1.05	1.48	1.05	4
1289	☐	92	5.00	140.45	0.29	155.71	Backwater	0 - 09:57 hrs	8.80	8.91	1.11	1.00	-15.26	22.10	5.00	0.79	0.79	0.85	0.34	0.00	4
1290	☐	922	2.50	23.40	0.33	36.23	ceeds Capac	0 - 09:59 hrs	7.38	7.38	1.55	1.00	-12.83	3.10	2.50	1.10	1.10	1.15	0.88	0.85	5
1291	☐	923	2.50	25.34	0.38	19.30	Backwater	0 - 09:55 hrs	3.93	5.61	0.76	1.00	6.03	2.14	2.50	0.87	0.87	0.93	0.00	0.00	7
1292	☐	924	2.50	13.00	0.10	21.94	ceeds Capac	0 - 09:52 hrs	5.25	5.46	1.69	1.00	-8.94	2.14	2.50	0.81	0.83	0.81	1.16	0.64	7
1293	☐	925	2.25	17.46	0.32	13.74	Backwater	0 - 09:52 hrs	3.71	3.78	0.79	1.00	3.73	1.39	2.25	0.81	0.81	0.89	0.00	0.00	7
1294	☐	926	1.75	5.85	0.18	15.44	ceeds Capac	0 - 09:52 hrs	6.42	6.52	2.64	1.00	-9.59	1.39	1.75	0.77	1.24	0.77	2.01	0.77	7
1295	☐	927	2.25	16.48	0.28	14.84	Backwater	0 - 09:52 hrs	4.13	4.60	0.90	1.00	1.64	1.40	2.25	0.71	0.71	0.81	0.00	0.00	5
1296	☐	929	2.00	14.81	0.43	10.46	Backwater	0 - 09:55 hrs	3.33	3.71	0.71	1.00	4.35	0.59	2.00	0.98	0.98	1.09	0.00	0.01	6
1297	☐	93	5.00	152.21	0.34	186.05	ceeds Capac	0 - 09:56 hrs	9.48	9.49	1.22	1.00	-33.84	29.11	5.00	0.82	1.35	0.82	1.67	0.82	6
1298	☐	930	2.00	23.39	1.07	15.19	Free Surface	0 - 10:04 hrs	7.27	7.27	0.65	0.63	8.20	0.68	2.00	0.00	0.00	0.00	0.00	0.00	0
1299	☐	931	3.50	62.28	0.38	42.84	Free Surface	0 - 10:06 hrs	6.60	6.63	0.69	0.64	19.44	5.00	3.50	0.00	0.00	0.00	0.00	0.00	0
1300	☐	932	3.00	23.09	0.12	27.83	Free Surface	0 - 10:08 hrs	4.94	5.47	1.21	0.76	-4.74	4.32	3.00	0.00	0.00	0.00	1.32	0.00	0
1301	☐	933	3.00	16.13	0.06	27.84	Free Surface	0 - 09:52 hrs	4.32	4.34	1.73	0.88	-11.70	4.32	3.00	0.00	0.00	0.00	2.25	0.00	0
1302	☐	934	3.00	16.58	0.06	28.72	Free Surface	0 - 09:49 hrs	4.09	4.09	1.73	0.99	-12.14	4.33	3.00	0.00	1.13	0.00	2.18	0.00	1
1303	☐	935	2.50	20.73	0.26	28.36	ceeds Capac	0 - 09:49 hrs	5.78	5.78	1.37	1.00	-7.62	4.33	2.50	1.56	1.56	1.61	1.61	1.55	11
1304	☐	936	2.50	17.31	0.18	28.35	ceeds Capac	0 - 09:49 hrs	5.78	5.78	1.64	1.00	-11.04	4.33	2.50	1.56	1.59	1.56	2.08	1.52	16
1305	☐	937	2.50	12.31	0.09	20.32	ceeds Capac	0 - 10:15 hrs	4.14	4.14	1.65	1.00	-8.01	1.70	2.50	1.64	1.64	1.91	0.86	0.84	7
1306	☐	938	2.50	11.35	0.08	28.36	ceeds Capac	0 - 09:49 hrs	5.78	5.78	2.50	1.00	-17.01	4.34	2.50	1.59	1.81	1.59	3.80	1.59	14
1307	☐	939	2.50	23.33	0.32	15.25	Backwater	0 - 10:03 hrs	3.11	3.11	0.65	1.00	8.08	1.44	2.50	1.55	1.55	1.61	0.00	0.01	9
1308	☐	94	1.50	10.30	0.82	13.49	ceeds Capac	0 - 09:45 hrs	7.64	7.64	1.31	1.00	-3.20	2.34	1.50	2.05	2.05	2.11	2.12	2.00	9
1309	☐	940	2.25	18.85	0.37	30.42	ceeds Capac	0 - 10:04 hrs	7.65	7.65	1.61	1.00	-11.57	2.07	2.25	1.24	1.24	1.62	0.56	0.56	4
1310	☐	941	2.25	18.54	0.36	32.18	ceeds Capac	0 - 10:06 hrs	8.09	8.09	1.74	1.00	-13.64	1.79	2.25	1.10	1.10	1.24	0.47	0.47	3
1311	☐	942	2.00	27.56	1.48	31.09	ceeds Capac	0 - 10:03 hrs	9.90	9.90	1.13	1.00	-3.53	1.40	2.00	0.16	0.16	0.19	0.16	0.13	1
1312	☐	943	2.00	29.52	1.70	31.09	ceeds Capac	0 - 10:03 hrs	9.90	10.43	1.05	1.00	-1.57	1.40	2.00	0.13	0.13	0.16	0.12	0.10	0
1313	☐	945	2.00	23.72	1.10	19.03	Backwater	0 - 10:03 hrs	6.06	7.25	0.80	1.00	4.69	0.87	2.00	0.02	0.02	0.13	0.00	0.00	0
1314	☐	946	2.00	12.30	0.39	10.47	Backwater	0 - 09:55 hrs	3.33	4.44	0.85	1.00	1.83	0.59	2.00	0.81	0.81	0.98	0.00	0.01	4
1315	☐	948	2.00	11.52	0.26	13.67	ceeds Capac	0 - 10:38 hrs	4.50	4.94	1.19	1.00	-2.15	2.29	2.00	0.77	0.79	0.77	1.20	0.26	2
1316	☐	949	2.00	3.10	0.02	13.58	ceeds Capac	0 - 09:45 hrs	4.40	4.49	4.38	1.00	-10.48	2.31	2.00	0.79	1.36	0.79	8.34	0.77	4
1317	☐	95	1.50	10.70	0.88	13.50	ceeds Capac	0 - 09:45 hrs	7.64	7.64	1.26	1.00	-2.79	2.34	1.50	2.01	2.01	2.05	1.55	1.57	10
1318	☐	950	2.00	10.70	0.22	27.72	ceeds Capac	0 - 09:55 hrs	8.82	8.82	2.59	1.00	-17.02	2.38	2.00	0.84	1.04	0.84	1.58	0.83	4
1319	☐	951	2.00	24.42	1.16	27.72	ceeds Capac	0 - 09:55 hrs	8.82	8.82	1.14	1.00	-3.31	2.48	2.00	0.77	0.77	1.04	0.04	0.03	2
1320	☐	952	2.00	21.69	0.92	19.01	Backwater	0 - 09:59 hrs	6.05	7.55	0.88	1.00	2.67	1.93	2.00	0.70	0.70	0.75	0.00	0.00	4
1321	☐	953	2.00	21.86	0.93	19.76	Backwater	0 - 09:52 hrs	6.86	7.83	0.90	1.00	2.10	1.93	2.00	0.63	0.63	0.67	0.00	0.00	3
1322	☐	955	2.00	21.66	0.92	20.90	Backwater	0 - 09:53 hrs	7.06	7.85	0.96	1.00	0.77	1.93	2.00	0.57	0.57	0.61	0.00	0.00	4
1323	☐	956	1.50	11.13	0.96	8.66	Backwater	0 - 09:59 hrs	4.90	4.90	0.78	1.00	2.47	0.34	1.50	0.31	0.31	0.59	0.00	0.00	1

EXISTING CONDITIONS 5-YR 24-HR CONDUITS

		ID	Full Depth (ft)	Full Flow (cfs)	Percent Slope (%)	Maximum Flow (cfs)	Maximum Flow Class	Max.Flow Day-Time (day-time)	Velocity at Maximum Flow (ft/s)	Maximum Velocity (ft/s)	Max.Flow/Fu ll Flow	Max.Depth/F ull Depth	Reserve Capacity (cfs)	Total Flow Volume (MG)	Maximum Top Width (ft)	Both End Surcharge Time (hrs)	Upstream Surcharge Time (hrs)	Downstream Surcharge Time (hrs)	Above Full-Flow Time (hrs)	Capacity Limited Time (hrs)	Instability Index
1324	☐	957	1.75	5.29	0.15	16.16	ceeds Capac	0 - 09:55 hrs	6.76	6.82	3.06	1.00	-10.87	1.59	1.75	0.54	1.70	0.54	2.55	0.54	6
1325	☐	958	2.50	60.69	2.19	36.26	Backwater	0 - 09:52 hrs	7.39	7.39	0.60	1.00	24.44	5.48	2.50	1.63	1.63	3.31	0.00	0.00	7
1326	☐	959	2.50	23.76	0.34	38.04	ceeds Capac	0 - 09:59 hrs	7.75	7.75	1.60	1.00	-14.28	5.66	2.50	1.63	1.86	1.63	2.08	1.63	11
1327	☐	96	1.50	10.67	0.88	13.49	ceeds Capac	0 - 09:45 hrs	7.63	7.63	1.26	1.00	-2.82	2.33	1.50	1.98	1.99	2.01	1.55	1.60	11
1328	☐	960	2.50	23.28	0.32	38.03	ceeds Capac	0 - 09:59 hrs	7.75	7.75	1.63	1.00	-14.75	5.67	2.50	1.86	1.94	1.86	2.11	1.86	12
1329	☐	961	2.50	23.50	0.33	38.04	ceeds Capac	0 - 09:59 hrs	7.75	7.75	1.62	1.00	-14.54	5.67	2.50	1.94	1.96	1.94	2.09	1.81	17
1330	☐	962	2.50	23.29	0.32	31.12	ceeds Capac	0 - 10:51 hrs	6.34	6.34	1.34	1.00	-7.83	4.72	2.50	1.93	1.93	1.96	1.28	1.31	15
1331	☐	963	2.50	23.21	0.32	31.11	ceeds Capac	0 - 10:52 hrs	6.34	6.34	1.34	1.00	-7.90	4.72	2.50	1.91	1.91	1.93	1.28	1.31	13
1332	☐	964	2.50	27.64	0.45	37.40	ceeds Capac	0 - 10:29 hrs	7.62	7.62	1.35	1.00	-9.76	5.04	2.50	1.77	1.77	1.90	1.31	1.30	14
1333	☐	965	2.50	21.21	0.27	37.42	ceeds Capac	0 - 10:29 hrs	7.62	7.62	1.76	1.00	-16.21	5.04	2.50	1.64	1.72	1.64	1.95	1.63	13
1334	☐	966	2.50	22.21	0.29	37.44	ceeds Capac	0 - 10:32 hrs	7.63	7.63	1.69	1.00	-15.23	5.04	2.50	1.65	1.66	1.65	1.88	1.48	15
1335	☐	967	3.00	79.91	1.44	17.79	Backwater	0 - 09:57 hrs	2.52	3.15	0.22	1.00	62.12	0.04	3.00	0.22	0.22	0.29	0.00	0.00	0
1336	☐	968	2.50	23.39	0.33	37.47	ceeds Capac	0 - 10:29 hrs	7.63	7.63	1.60	1.00	-14.08	5.04	2.50	1.63	1.63	1.63	1.62	1.39	14
1337	☐	969	3.00	64.95	0.95	63.78	Backwater	0 - 10:03 hrs	9.02	9.02	0.98	1.00	1.16	4.35	3.00	1.08	1.08	1.45	0.00	0.00	5
1338	☐	97	1.50	11.10	0.95	13.49	ceeds Capac	0 - 09:45 hrs	7.63	7.63	1.22	1.00	-2.39	2.34	1.50	1.89	1.90	1.93	1.40	1.34	10
1339	☐	970	3.00	64.44	0.93	63.78	Backwater	0 - 10:03 hrs	9.02	9.02	0.99	1.00	0.66	4.34	3.00	0.63	0.63	1.08	0.00	0.02	3
1340	☐	971	3.00	64.42	0.93	63.78	Backwater	0 - 10:03 hrs	9.02	9.25	0.99	1.00	0.63	4.34	3.00	0.41	0.41	0.63	0.00	0.02	2
1341	☐	972	3.00	64.46	0.93	58.51	Backwater	0 - 10:08 hrs	8.28	9.48	0.91	1.00	5.96	4.05	3.00	0.33	0.33	0.41	0.00	0.00	2
1342	☐	973	4.00	56.80	0.16	31.79	Backwater	0 - 00:04 hrs	2.71	5.69	0.56	1.00	25.01	0.93	3.92	23.93	23.93	23.93	0.00	0.39	77
1343	☐	974	5.00	95.60	0.13	105.46	ceeds Capac	0 - 10:17 hrs	5.37	5.37	1.10	1.00	-9.86	11.35	5.00	1.27	1.27	1.33	0.53	0.46	11
1344	☐	975	5.00	176.59	0.46	94.16	Backwater	0 - 10:03 hrs	4.80	4.80	0.53	1.00	82.43	8.51	5.00	1.10	1.10	1.24	0.00	0.00	11
1345	☐	976	3.50	55.62	0.31	30.89	Free Surface	0 - 10:00 hrs	4.92	4.92	0.56	0.62	24.72	1.33	3.50	0.00	0.00	0.00	0.00	0.00	0
1346	☐	977	3.50	33.76	0.11	34.99	Free Surface	0 - 09:59 hrs	3.94	3.95	1.04	0.92	-1.23	1.51	3.50	0.00	0.00	0.15	0.01	0.00	0
1347	☐	978	2.00	20.03	0.78	22.55	ceeds Capac	0 - 10:03 hrs	7.18	7.18	1.13	1.00	-2.52	1.00	2.00	0.18	0.18	0.19	0.10	0.11	0
1348	☐	979	3.75	101.61	0.71	74.00	Backwater	0 - 10:03 hrs	6.70	6.70	0.73	1.00	27.61	3.76	3.75	0.20	0.20	19.45	0.00	0.00	3
1349	☐	980	2.50	50.40	1.51	15.39	Backwater	0 - 09:59 hrs	8.13	8.59	0.31	1.00	35.02	0.70	2.50	0.79	0.79	0.84	0.00	0.01	4
1350	☐	981	2.50	28.35	0.48	28.68	Backwater	0 - 09:59 hrs	5.84	5.91	1.01	1.00	-0.33	0.71	2.50	0.89	0.89	0.92	0.00	0.01	5
1351	☐	982	4.50	194.49	0.98	268.99	ceeds Capac	0 - 09:57 hrs	16.92	16.92	1.38	1.00	-74.49	36.96	4.50	1.48	1.54	1.48	1.56	1.48	12
1352	☐	983	2.50	14.73	0.13	12.15	Free Surface	0 - 10:04 hrs	4.08	4.08	0.82	0.58	2.58	0.57	2.50	0.00	0.00	0.00	0.00	0.00	0
1353	☐	985	2.50	28.85	0.49	12.10	Free Surface	0 - 10:04 hrs	4.99	5.05	0.42	0.50	16.75	0.57	2.50	0.00	0.00	0.00	0.00	0.00	0
1354	☐	989	2.75	50.67	0.92	14.86	Backwater	0 - 09:45 hrs	3.89	3.97	0.29	1.00	35.80	1.14	2.75	0.56	0.56	0.71	0.00	0.00	11
1355	☐	99	4.50	204.78	1.08	235.11	Free Surface	0 - 10:00 hrs	14.94	14.94	1.15	0.97	-30.34	37.03	4.50	0.00	1.50	0.00	1.56	0.00	10
1356	☐	990	2.75	29.92	0.32	13.81	Backwater	0 - 10:18 hrs	2.32	3.78	0.46	1.00	16.12	1.14	2.75	0.71	0.71	0.74	0.00	0.16	12
1357	☐	991	2.25	18.28	0.46	27.27	ceeds Capac	0 - 10:03 hrs	6.86	6.86	1.49	1.00	-8.99	1.30	2.25	0.42	0.42	0.53	0.28	0.28	1
1358	☐	992	2.75	30.92	0.46	13.80	Backwater	0 - 10:18 hrs	2.32	4.23	0.45	1.00	17.11	1.14	2.75	0.45	0.45	0.56	0.00	0.00	4
1359	☐	993	3.50	28.05	0.08	56.83	ceeds Capac	0 - 09:56 hrs	5.93	5.98	2.03	1.00	-28.78	6.61	3.50	2.72	2.74	2.93	2.02	1.72	16
1360	☐	994	3.50	53.46	0.28	67.81	ceeds Capac	0 - 10:03 hrs	7.05	7.05	1.27	1.00	-14.34	7.00	3.50	2.08	2.08	2.74	0.36	0.35	16
1361	☐	995	2.75	22.88	0.19	26.16	ceeds Capac	0 - 10:03 hrs	4.40	4.40	1.14	1.00	-3.28	2.30	2.75	3.87	3.87	8.16	0.33	0.33	26
1362	☐	996	2.75	42.09	0.63	26.45	Backwater	0 - 09:59 hrs	4.45	4.83	0.63	1.00	15.65	2.31	2.75	1.20	1.20	3.87	0.00	0.00	18
1363	☐	997	3.50	68.80	0.47	42.68	Backwater	0 - 09:56 hrs	4.44	4.44	0.62	1.00	26.12	5.38	3.50	9.81	9.81	14.38	0.00	0.00	50
1364	☐	998	2.00	19.92	0.78	16.59	Backwater	0 - 09:52 hrs	5.28	5.53	0.83	1.00	3.33	2.33	2.00	2.41	2.41	2.60	0.00	0.05	19
1365	☐	999	3.50	48.01	0.23	33.95	Backwater	0 - 10:03 hrs	3.53	3.86	0.71	1.00	14.05	4.57	3.50	3.56	3.56	5.24	0.00	0.00	32
1366	☐	CDT_13	4.00	254.25	3.13	184.08	Backwater	0 - 00:01 hrs	16.06	16.06	0.72	1.00	70.17	2.19	1.57	23.98	23.98	23.99	0.00	0.01	32
1367	☐	CDT_15	2.50	11.95	0.08	13.01	ceeds Capac	0 - 09:55 hrs	2.65	2.65	1.09	1.00	-1.06	1.64	2.50	16.70	16.70	18.09	0.31	0.35	32
1368	☐	CDT_17	4.50	88.03	0.20	193.01	Backwater	0 - 00:00 hrs	12.38	14.78	2.19	1.00	-104.99	5.85	1.76	23.98	23.98	23.99	0.07	0.03	68
1369	☐	CDT_19	4.50	74.23	0.14	264.14	ceeds Capac	0 - 00:00 hrs	16.68	16.68	3.56	1.00	-189.90	5.85	1.76	23.99	23.99	24.00	0.26	0.18	70
1370	☐	CDT_21	1.75	15.61	1.29	5.51	Free Surface	0 - 17:21 hrs	5.92	5.92	0.35	0.41	10.10	2.44	1.72	0.00	0.00	0.00	0.00	0.00	0
1371	☐	CDT_23	4.50	19.66	0.01	53.81	Free Surface	0 - 10:07 hrs	7.99	8.23	2.74	0.47	-34.14	0.80	4.49	0.00	0.00	0.00	0.84	0.00	0
1372	☐	CDT_25	6.50	386.70	0.54	411.28	Free Surface	0 - 10:11 hrs	13.39	13.42	1.06	0.87	-24.58	49.32	6.50	0.00	0.00	0.00	0.36	0.00	0

EXISTING CONDITIONS 5-YR 24-HR CONDUITS

		ID	Full Depth (ft)	Full Flow (cfs)	Percent Slope (%)	Maximum Flow (cfs)	Maximum Flow Class	Max.Flow Day-Time (day-time)	Velocity at Maximum Flow (ft/s)	Maximum Velocity (ft/s)	Max.Flow/Fu ll Flow	Max.Depth/F ull Depth	Reserve Capacity (cfs)	Total Flow Volume (MG)	Maximum Top Width (ft)	Both End Surcharge Time (hrs)	Upstream Surcharge Time (hrs)	Downstream Surcharge Time (hrs)	Above Full-Flow Time (hrs)	Capacity Limited Time (hrs)	Instability Index
1373	☐	CDT_27	6.50	528.52	1.02	232.41	Free Surface	0 - 10:04 hrs	9.81	10.63	0.44	0.73	296.10	18.07	6.50	0.00	0.00	0.02	0.00	0.00	0
1374	☐	CDT_29	6.00	362.31	0.73	219.63	Free Surface	0 - 10:04 hrs	5.29	5.29	0.30	0.69	142.68	15.62	6.00	0.00	0.00	15.22	0.00	0.00	0
1375	☐	CDT_31	3.00	29.64	0.20	17.29	Free Surface	0 - 10:21 hrs	2.92	4.52	0.58	0.97	12.34	2.22	3.00	0.00	0.00	0.08	0.00	0.00	0
1376	☐	CDT_33	3.00	42.15	0.40	16.60	Free Surface	0 - 10:19 hrs	3.38	4.56	0.39	0.83	25.54	2.22	3.00	0.00	0.00	0.00	0.00	0.00	0
1377	☐	CDT_35	8.00	9,581.12	110.35	18.33	Free Surface	0 - 10:00 hrs	0.66	0.66	0.00	0.67	9,562.79	1.20	8.00	0.00	0.00	13.92	0.00	0.00	21
1378	☐	CDT_37	1.25	3.72	0.44	0.38	Backwater	0 - 09:41 hrs	0.35	0.40	0.10	1.00	3.34	0.00	1.25	1.29	1.29	1.93	0.00	0.00	18
1379	☐	WG_DI_COND_01	5.00	2,736.86	65.34	27.72	Backwater	0 - 09:52 hrs	4.48	4.48	0.01	1.00	2,709.14	3.15	5.00	0.44	0.44	1.74	0.00	0.00	1
1380	☐	WG_DI_COND_02	5.00	2,015.45	35.43	17.97	Backwater	0 - 09:26 hrs	4.63	4.63	0.01	1.00	1,997.48	5.03	5.00	0.36	3.33	0.36	0.00	0.00	0
1381	☐	WG_DI_COND_03	5.00	2,373.32	49.14	63.58	Free Surface	0 - 09:48 hrs	10.64	10.65	0.03	0.82	2,309.74	10.95	5.00	0.00	1.09	0.00	0.00	0.00	0
1382	☐	WG_DI_COND_04	5.00	2,673.17	62.34	12.00	Free Surface	0 - 09:47 hrs	8.36	8.36	0.00	0.72	2,661.17	2.23	5.00	0.00	1.56	0.00	0.00	0.00	0
1383	☐	WG_DI_COND_05	5.00	2,726.16	64.83	108.00	Free Surface	0 - 09:51 hrs	18.34	18.34	0.04	0.90	2,618.16	15.28	5.00	0.00	0.82	0.00	0.00	0.00	1
1384	☐	WG_DI_COND_06	3.50	429.07	10.76	26.35	Backwater	0 - 09:56 hrs	8.91	8.98	0.06	1.00	402.72	1.66	3.50	0.30	0.30	0.47	0.00	0.14	0

EXISTING CONDITIONS 20-YR 24-HR SUBCATCHMENTS

		ID	Peak Runoff (cfs)	Peak Runoff Day Count (Elapsed Days)	Peak Runoff Time (hrs)	Total Precipitation (in)	Total Runon (in)	Total Evaporation (in)	Total Infiltration (in)	Impervious Runoff (in)	Pervious Runoff (in)	Total Runoff Depth (in)	Total Runoff Volume (MG)	Runoff Coefficient
1	☐	0	48.44	0	09:53 hrs	3.06	0.00	0.00	1.01	1.97	0.04	2.01	2.05	0.66
2	☐	1	25.37	0	09:53 hrs	3.06	0.00	0.00	0.91	1.70	0.43	2.13	0.97	0.70
3	☐	10	180.08	0	09:59 hrs	3.06	0.00	0.00	1.21	1.31	0.47	1.77	12.57	0.58
4	☐	100	30.91	0	09:53 hrs	2.76	0.00	0.00	0.83	1.58	0.32	1.90	1.43	0.69
5	☐	101	8.97	0	09:53 hrs	2.76	0.00	0.00	0.90	1.47	0.37	1.84	0.34	0.67
6	☐	102	21.59	0	09:53 hrs	2.76	0.00	0.00	0.89	1.50	0.35	1.85	0.95	0.67
7	☐	103	45.26	0	09:59 hrs	2.76	0.00	0.00	0.98	1.38	0.37	1.75	2.30	0.63
8	☐	104	23.33	0	09:53 hrs	2.76	0.00	0.00	0.88	1.51	0.34	1.85	1.05	0.67
9	☐	105	29.03	0	09:53 hrs	2.76	0.00	0.00	0.77	1.65	0.30	1.95	1.35	0.71
10	☐	106	33.81	0	09:53 hrs	2.76	0.00	0.00	0.78	1.64	0.31	1.95	1.55	0.71
11	☐	107	5.62	0	09:53 hrs	2.76	0.00	0.00	0.14	2.45	0.13	2.58	0.21	0.93
12	☐	108	7.04	0	09:59 hrs	2.76	0.00	0.00	1.88	0.14	0.74	0.88	0.29	0.32
13	☐	109	22.75	0	09:53 hrs	2.76	0.00	0.00	0.91	1.44	0.38	1.82	1.02	0.66
14	☐	11	39.55	0	09:53 hrs	3.06	0.00	0.00	0.99	1.62	0.43	2.04	1.72	0.67
15	☐	110	3.95	0	09:53 hrs	2.76	0.00	0.00	0.19	2.45	0.09	2.54	0.14	0.92
16	☐	111	12.79	0	09:53 hrs	2.76	0.00	0.00	0.70	1.74	0.29	2.03	0.51	0.73
17	☐	112	10.07	0	09:53 hrs	2.76	0.00	0.00	0.96	1.40	0.38	1.78	0.40	0.64
18	☐	113	4.72	0	09:53 hrs	2.76	0.00	0.00	0.21	2.43	0.09	2.53	0.17	0.91
19	☐	114	25.02	0	09:53 hrs	2.76	0.00	0.00	0.83	1.57	0.33	1.90	1.12	0.69
20	☐	115	10.34	0	09:53 hrs	2.76	0.00	0.00	0.90	1.48	0.36	1.84	0.40	0.67
21	☐	116	2.29	0	09:53 hrs	2.76	0.00	0.00	0.20	2.46	0.09	2.54	0.08	0.92
22	☐	117	16.58	0	09:53 hrs	2.76	0.00	0.00	0.56	1.94	0.23	2.17	0.66	0.78
23	☐	118	22.37	0	09:53 hrs	2.76	0.00	0.00	0.42	2.12	0.17	2.29	1.00	0.83
24	☐	119	28.20	0	09:59 hrs	2.76	0.00	0.00	0.56	1.93	0.22	2.15	1.35	0.78
25	☐	12	17.18	0	09:53 hrs	3.06	0.00	0.00	0.80	1.86	0.38	2.24	0.62	0.73
26	☐	120	16.27	0	09:53 hrs	2.76	0.00	0.00	0.87	1.52	0.35	1.86	0.68	0.67
27	☐	121	7.00	0	09:53 hrs	2.76	0.00	0.00	0.22	2.39	0.09	2.49	0.30	0.90
28	☐	122	13.63	0	09:53 hrs	2.76	0.00	0.00	0.20	2.42	0.09	2.51	0.58	0.91
29	☐	123	36.04	0	09:59 hrs	2.76	0.00	0.00	0.95	1.42	0.36	1.78	1.75	0.64
30	☐	124	14.81	0	09:53 hrs	2.76	0.00	0.00	0.90	1.47	0.36	1.83	0.60	0.66
31	☐	125	3.78	0	09:53 hrs	2.76	0.00	0.00	0.20	2.45	0.09	2.54	0.13	0.92
32	☐	126	33.08	0	09:59 hrs	2.76	0.00	0.00	0.73	1.71	0.28	1.99	1.57	0.72
33	☐	127	0.30	0	09:53 hrs	2.76	0.00	0.00	0.20	2.47	0.09	2.56	0.01	0.93
34	☐	128	32.03	0	09:53 hrs	2.76	0.00	0.00	0.53	1.98	0.21	2.19	1.46	0.79

EXISTING CONDITIONS 20-YR 24-HR SUBCATCHMENTS

		ID	Peak Runoff (cfs)	Peak Runoff Day Count (Elapsed Days)	Peak Runoff Time (hrs)	Total Precipitation (in)	Total Runon (in)	Total Evaporation (in)	Total Infiltration (in)	Impervious Runoff (in)	Pervious Runoff (in)	Total Runoff Depth (in)	Total Runoff Volume (MG)	Runoff Coefficient
35	☐	129	19.87	0	09:53 hrs	2.76	0.00	0.00	0.69	1.75	0.28	2.03	0.88	0.74
36	☐	13	1.43	0	09:53 hrs	3.06	0.00	0.00	0.21	2.75	0.10	2.85	0.05	0.93
37	☐	130	4.22	0	09:53 hrs	2.76	0.00	0.00	0.60	1.89	0.25	2.14	0.14	0.78
38	☐	131	5.40	0	09:53 hrs	2.76	0.00	0.00	0.72	1.73	0.30	2.03	0.19	0.73
39	☐	132	5.08	0	09:53 hrs	2.76	0.00	0.00	0.54	1.97	0.23	2.20	0.17	0.80
40	☐	133	18.87	0	09:53 hrs	2.76	0.00	0.00	0.84	1.55	0.33	1.89	0.80	0.68
41	☐	134	50.89	0	09:59 hrs	2.76	0.00	0.00	0.76	1.67	0.29	1.96	2.48	0.71
42	☐	135	13.27	0	09:53 hrs	2.76	0.00	0.00	0.91	1.47	0.36	1.83	0.54	0.66
43	☐	136	13.39	0	09:53 hrs	2.76	0.00	0.00	0.92	1.45	0.37	1.82	0.54	0.66
44	☐	137	15.12	0	09:53 hrs	2.76	0.00	0.00	0.64	1.83	0.26	2.09	0.59	0.76
45	☐	138	36.34	0	09:53 hrs	2.76	0.00	0.00	0.87	1.52	0.34	1.86	1.74	0.67
46	☐	139	7.45	0	09:53 hrs	2.76	0.00	0.00	0.92	1.45	0.38	1.82	0.27	0.66
47	☐	14	18.69	0	09:53 hrs	3.06	0.00	0.00	1.22	1.59	0.23	1.82	0.72	0.60
48	☐	140	43.10	0	09:59 hrs	2.76	0.00	0.00	0.37	2.18	0.15	2.33	2.10	0.84
49	☐	141	20.93	0	09:53 hrs	2.76	0.00	0.00	0.56	1.93	0.23	2.16	0.93	0.78
50	☐	142	31.72	0	09:53 hrs	2.76	0.00	0.00	0.90	1.48	0.35	1.83	1.51	0.66
51	☐	143	17.96	0	09:53 hrs	2.76	0.00	0.00	0.71	1.73	0.29	2.02	0.72	0.73
52	☐	144	24.62	0	09:53 hrs	2.76	0.00	0.00	0.93	1.44	0.36	1.80	1.18	0.65
53	☐	145	34.28	0	09:53 hrs	2.76	0.00	0.00	0.70	1.74	0.28	2.02	1.53	0.73
54	☐	146	13.63	0	09:53 hrs	2.76	0.00	0.00	0.73	1.71	0.29	2.00	0.55	0.73
55	☐	147	17.40	0	09:53 hrs	2.76	0.00	0.00	0.92	1.45	0.36	1.82	0.75	0.66
56	☐	148	16.83	0	09:53 hrs	2.76	0.00	0.00	0.59	1.90	0.24	2.14	0.69	0.77
57	☐	149	25.38	0	09:53 hrs	2.76	0.00	0.00	0.89	1.50	0.34	1.84	1.18	0.67
58	☐	15	12.09	0	09:53 hrs	3.06	0.00	0.00	0.42	2.40	0.21	2.61	0.41	0.85
59	☐	150	17.80	0	09:53 hrs	2.76	0.00	0.00	0.75	1.69	0.30	1.99	0.72	0.72
60	☐	151	18.82	0	09:53 hrs	2.76	0.00	0.00	0.81	1.60	0.33	1.92	0.77	0.70
61	☐	152	21.15	0	09:53 hrs	2.76	0.00	0.00	0.92	1.46	0.36	1.82	0.93	0.66
62	☐	153	17.76	0	09:53 hrs	2.76	0.00	0.00	0.90	1.47	0.36	1.83	0.75	0.66
63	☐	154	19.33	0	09:53 hrs	2.76	0.00	0.00	0.86	1.54	0.34	1.88	0.84	0.68
64	☐	155	30.18	0	09:53 hrs	2.76	0.00	0.00	0.59	1.89	0.24	2.12	1.40	0.77
65	☐	156	17.73	0	09:53 hrs	2.76	0.00	0.00	0.88	1.50	0.35	1.85	0.76	0.67
66	☐	157	30.53	0	09:59 hrs	2.76	0.00	0.00	0.91	1.47	0.35	1.82	1.48	0.66
67	☐	158	19.02	0	09:53 hrs	2.76	0.00	0.00	0.95	1.42	0.37	1.79	0.83	0.65
68	☐	159	28.20	0	09:59 hrs	2.76	0.00	0.00	0.93	1.45	0.35	1.80	1.38	0.65

EXISTING CONDITIONS 20-YR 24-HR SUBCATCHMENTS

		ID	Peak Runoff (cfs)	Peak Runoff Day Count (Elapsed Days)	Peak Runoff Time (hrs)	Total Precipitation (in)	Total Runon (in)	Total Evaporation (in)	Total Infiltration (in)	Impervious Runoff (in)	Pervious Runoff (in)	Total Runoff Depth (in)	Total Runoff Volume (MG)	Runoff Coefficient
69	☐	16	21.13	0	09:53 hrs	3.06	0.00	0.00	1.02	1.54	0.48	2.02	0.81	0.66
70	☐	160	33.78	0	09:59 hrs	2.76	0.00	0.00	0.21	2.40	0.09	2.48	1.66	0.90
71	☐	161	26.05	0	09:53 hrs	2.76	0.00	0.00	0.81	1.59	0.32	1.91	1.21	0.69
72	☐	162	35.21	0	09:59 hrs	2.76	0.00	0.00	0.89	1.50	0.34	1.84	1.72	0.67
73	☐	163	54.39	0	09:59 hrs	2.76	0.00	0.00	0.79	1.63	0.30	1.93	2.76	0.70
74	☐	164	23.66	0	09:53 hrs	2.76	0.00	0.00	0.76	1.67	0.30	1.97	1.03	0.71
75	☐	165	19.32	0	09:53 hrs	2.76	0.00	0.00	0.69	1.76	0.28	2.04	0.82	0.74
76	☐	166	51.39	0	09:59 hrs	2.76	0.00	0.00	0.49	2.02	0.20	2.22	2.49	0.80
77	☐	167	27.85	0	09:53 hrs	2.76	0.00	0.00	0.58	1.85	0.30	2.14	1.20	0.78
78	☐	168	13.69	0	09:53 hrs	2.76	0.00	0.00	0.32	2.25	0.15	2.41	0.53	0.87
79	☐	169	48.14	0	09:53 hrs	2.76	0.00	0.00	0.73	1.50	0.46	1.96	2.26	0.71
80	☐	17	41.63	0	09:53 hrs	3.06	0.00	0.00	1.01	1.56	0.46	2.02	1.80	0.66
81	☐	170	13.30	0	09:53 hrs	2.76	0.00	0.00	0.70	1.74	0.29	2.04	0.50	0.74
82	☐	171	33.40	0	09:53 hrs	2.76	0.00	0.00	0.72	1.45	0.51	1.96	1.44	0.71
83	☐	172	33.80	0	09:53 hrs	2.76	0.00	0.00	0.68	1.45	0.54	1.99	1.53	0.72
84	☐	173	23.59	0	09:53 hrs	2.76	0.00	0.00	0.77	1.48	0.46	1.94	1.00	0.70
85	☐	174	26.63	0	09:53 hrs	2.76	0.00	0.00	0.63	1.55	0.49	2.05	1.16	0.74
86	☐	175	24.03	0	09:53 hrs	2.76	0.00	0.00	0.50	1.75	0.43	2.18	0.99	0.79
87	☐	176	6.81	0	09:53 hrs	2.76	0.00	0.00	0.56	1.86	0.32	2.18	0.23	0.79
88	☐	177	25.26	0	09:53 hrs	2.76	0.00	0.00	0.60	1.69	0.41	2.09	1.04	0.76
89	☐	178	41.77	0	09:53 hrs	2.76	0.00	0.00	0.50	1.74	0.43	2.17	1.97	0.79
90	☐	179	14.11	0	09:53 hrs	2.76	0.00	0.00	0.10	2.53	0.08	2.61	0.57	0.95
91	☐	18	27.95	0	09:53 hrs	3.06	0.00	0.00	0.99	1.59	0.46	2.05	1.12	0.67
92	☐	180	32.95	0	09:53 hrs	3.06	0.00	0.00	0.75	1.93	0.35	2.28	1.31	0.74
93	☐	181	57.59	0	09:53 hrs	3.06	0.00	0.00	0.37	2.46	0.18	2.63	2.60	0.86
94	☐	182	25.69	0	09:53 hrs	3.06	0.00	0.00	0.83	1.82	0.39	2.21	0.98	0.72
95	☐	183	16.47	0	09:53 hrs	3.06	0.00	0.00	0.88	1.74	0.42	2.16	0.58	0.71
96	☐	184	23.15	0	09:53 hrs	3.06	0.00	0.00	0.82	1.83	0.39	2.21	0.88	0.72
97	☐	185	17.19	0	09:53 hrs	3.06	0.00	0.00	0.75	1.93	0.36	2.29	0.60	0.75
98	☐	186	28.41	0	09:53 hrs	3.06	0.00	0.00	0.91	1.70	0.43	2.12	1.10	0.69
99	☐	187	21.87	0	09:53 hrs	3.06	0.00	0.00	0.51	2.27	0.25	2.52	0.80	0.82
100	☐	188	38.05	0	09:53 hrs	3.06	0.00	0.00	0.80	1.86	0.37	2.23	1.56	0.73
101	☐	189	8.66	0	09:53 hrs	3.06	0.00	0.00	0.25	2.65	0.13	2.78	0.30	0.91
102	☐	19	23.70	0	09:53 hrs	3.06	0.00	0.00	1.38	1.65	0.00	1.66	0.94	0.54

EXISTING CONDITIONS 20-YR 24-HR SUBCATCHMENTS

		ID	Peak Runoff (cfs)	Peak Runoff Day Count (Elapsed Days)	Peak Runoff Time (hrs)	Total Precipitation (in)	Total Runon (in)	Total Evaporation (in)	Total Infiltration (in)	Impervious Runoff (in)	Pervious Runoff (in)	Total Runoff Depth (in)	Total Runoff Volume (MG)	Runoff Coefficient
103	☐	190	34.97	0	09:53 hrs	3.06	0.00	0.00	1.21	1.31	0.51	1.82	1.97	0.59
104	☐	191	29.40	0	09:53 hrs	3.06	0.00	0.00	0.88	1.75	0.41	2.16	1.14	0.71
105	☐	192	34.58	0	09:53 hrs	3.06	0.00	0.00	0.90	1.72	0.42	2.13	1.39	0.70
106	☐	193	25.29	0	09:53 hrs	3.06	0.00	0.00	0.76	1.91	0.36	2.27	0.97	0.74
107	☐	194	87.27	0	09:59 hrs	3.06	0.00	0.00	0.27	2.58	0.13	2.71	4.75	0.89
108	☐	195	42.77	0	09:53 hrs	3.06	0.00	0.00	0.60	1.84	0.53	2.37	1.87	0.77
109	☐	196	54.73	0	09:53 hrs	3.06	0.00	0.00	0.97	1.56	0.50	2.05	2.48	0.67
110	☐	197	18.92	0	09:53 hrs	3.06	0.00	0.00	0.75	1.93	0.36	2.29	0.69	0.75
111	☐	198	47.49	0	09:53 hrs	3.06	0.00	0.00	0.65	2.07	0.30	2.37	2.04	0.78
112	☐	199	14.80	0	09:53 hrs	3.06	0.00	0.00	0.52	2.26	0.25	2.51	0.54	0.82
113	☐	2	44.84	0	09:53 hrs	3.06	0.00	0.00	0.70	1.99	0.33	2.32	1.95	0.76
114	☐	20	16.36	0	09:53 hrs	3.06	0.00	0.00	1.43	1.61	0.00	1.61	0.62	0.53
115	☐	200	49.11	0	09:53 hrs	3.06	0.00	0.00	0.90	1.72	0.41	2.13	2.27	0.70
116	☐	201	19.70	0	09:53 hrs	3.06	0.00	0.00	0.74	1.95	0.35	2.30	0.74	0.75
117	☐	202	44.93	0	09:53 hrs	3.06	0.00	0.00	0.96	1.63	0.44	2.08	1.93	0.68
118	☐	203	61.56	0	09:53 hrs	3.06	0.00	0.00	0.82	1.83	0.37	2.20	3.00	0.72
119	☐	204	12.65	0	09:53 hrs	3.06	0.00	0.00	0.80	1.61	0.59	2.19	0.45	0.72
120	☐	205	7.87	0	09:53 hrs	3.06	0.00	0.00	0.98	1.61	0.47	2.08	0.26	0.68
121	☐	206	22.17	0	09:53 hrs	3.06	0.00	0.00	1.00	1.58	0.46	2.04	0.88	0.67
122	☐	207	45.17	0	09:53 hrs	3.06	0.00	0.00	0.58	2.16	0.28	2.43	1.94	0.80
123	☐	208	24.86	0	09:53 hrs	3.06	0.00	0.00	0.93	1.67	0.45	2.11	0.85	0.69
124	☐	209	36.54	0	09:53 hrs	2.76	0.00	0.00	0.26	2.19	0.23	2.42	1.62	0.88
125	☐	21	27.77	0	09:53 hrs	3.06	0.00	0.00	0.78	1.88	0.37	2.25	1.10	0.73
126	☐	210	28.91	0	09:53 hrs	2.76	0.00	0.00	0.43	1.86	0.37	2.24	1.35	0.81
127	☐	211	34.80	0	09:53 hrs	2.76	0.00	0.00	0.46	1.97	0.27	2.24	1.62	0.81
128	☐	212	24.12	0	09:53 hrs	2.76	0.00	0.00	0.12	2.53	0.05	2.58	1.11	0.93
129	☐	213	21.16	0	09:53 hrs	2.76	0.00	0.00	0.70	1.75	0.28	2.03	0.89	0.73
130	☐	214	59.25	0	09:59 hrs	2.76	0.00	0.00	1.06	1.08	0.53	1.62	3.58	0.59
131	☐	215	46.38	0	09:59 hrs	2.76	0.00	0.00	0.80	1.62	0.31	1.92	2.29	0.70
132	☐	216	51.81	0	09:59 hrs	2.76	0.00	0.00	1.34	0.91	0.49	1.40	3.06	0.51
133	☐	217	80.80	0	09:59 hrs	2.76	0.00	0.00	1.33	0.98	0.43	1.40	5.00	0.51
134	☐	218	26.00	0	09:59 hrs	2.76	0.00	0.00	0.69	1.41	0.56	1.97	1.30	0.71
135	☐	219	93.37	0	09:59 hrs	2.76	0.00	0.00	1.14	0.98	0.55	1.52	6.01	0.55
136	☐	22	28.27	0	09:53 hrs	3.06	0.00	0.00	1.12	1.59	0.33	1.92	1.16	0.63

EXISTING CONDITIONS 20-YR 24-HR SUBCATCHMENTS

		ID	Peak Runoff (cfs)	Peak Runoff Day Count (Elapsed Days)	Peak Runoff Time (hrs)	Total Precipitation (in)	Total Runon (in)	Total Evaporation (in)	Total Infiltration (in)	Impervious Runoff (in)	Pervious Runoff (in)	Total Runoff Depth (in)	Total Runoff Volume (MG)	Runoff Coefficient
137	☐	220	17.71	0	09:53 hrs	3.06	0.00	0.00	0.62	1.90	0.47	2.37	0.66	0.78
138	☐	221	34.55	0	09:53 hrs	3.06	0.00	0.00	0.97	1.59	0.47	2.06	1.54	0.67
139	☐	222	22.55	0	09:53 hrs	3.06	0.00	0.00	0.66	2.06	0.31	2.37	0.86	0.77
140	☐	223	10.83	0	09:53 hrs	2.76	0.00	0.00	0.85	1.55	0.34	1.89	0.41	0.69
141	☐	224	24.06	0	09:53 hrs	3.06	0.00	0.00	0.50	1.96	0.51	2.47	0.95	0.81
142	☐	225	32.18	0	09:53 hrs	3.06	0.00	0.00	0.50	1.94	0.52	2.46	1.36	0.81
143	☐	226	41.15	0	09:53 hrs	3.06	0.00	0.00	0.53	2.08	0.37	2.46	1.77	0.80
144	☐	227	43.77	0	09:53 hrs	3.06	0.00	0.00	0.72	1.57	0.66	2.23	2.08	0.73
145	☐	228	15.04	0	09:53 hrs	2.76	0.00	0.00	1.31	1.18	0.25	1.43	0.63	0.52
146	☐	229	37.86	0	09:53 hrs	2.76	0.00	0.00	0.65	1.64	0.41	2.05	1.57	0.74
147	☐	23	35.73	0	09:53 hrs	3.06	0.00	0.00	0.92	1.69	0.43	2.11	1.50	0.69
148	☐	230	20.12	0	09:53 hrs	3.06	0.00	0.00	0.77	1.83	0.44	2.27	0.65	0.74
149	☐	231	81.10	0	09:53 hrs	3.06	0.00	0.00	0.57	1.82	0.55	2.38	3.93	0.78
150	☐	232	39.90	0	09:53 hrs	3.06	0.00	0.00	0.52	1.91	0.54	2.45	1.71	0.80
151	☐	233	46.75	0	09:53 hrs	3.06	0.00	0.00	0.57	1.85	0.54	2.39	2.17	0.78
152	☐	234	27.80	0	09:53 hrs	3.06	0.00	0.00	0.61	1.88	0.49	2.37	1.14	0.78
153	☐	235	25.47	0	09:53 hrs	3.06	0.00	0.00	0.67	1.65	0.64	2.29	1.05	0.75
154	☐	236	28.83	0	09:53 hrs	3.06	0.00	0.00	0.63	1.66	0.66	2.32	1.23	0.76
155	☐	237	32.40	0	09:53 hrs	3.06	0.00	0.00	0.66	1.61	0.68	2.30	1.42	0.75
156	☐	238	27.10	0	09:53 hrs	3.06	0.00	0.00	0.76	1.62	0.59	2.22	1.14	0.72
157	☐	239	29.22	0	09:53 hrs	3.06	0.00	0.00	0.65	1.62	0.68	2.30	1.27	0.75
158	☐	24	9.21	0	09:53 hrs	3.06	0.00	0.00	0.81	1.84	0.39	2.23	0.30	0.73
159	☐	240	42.05	0	09:53 hrs	3.06	0.00	0.00	0.55	1.84	0.57	2.41	1.90	0.79
160	☐	241	21.30	0	09:53 hrs	3.06	0.00	0.00	1.25	1.79	0.00	1.79	0.78	0.59
161	☐	242	14.95	0	09:53 hrs	3.06	0.00	0.00	1.38	1.61	0.06	1.67	0.53	0.55
162	☐	243	16.31	0	09:53 hrs	3.06	0.00	0.00	0.97	1.57	0.51	2.08	0.58	0.68
163	☐	244	31.10	0	09:53 hrs	3.06	0.00	0.00	0.68	1.57	0.71	2.28	1.31	0.74
164	☐	245	18.02	0	09:53 hrs	3.06	0.00	0.00	0.86	1.60	0.55	2.15	0.67	0.70
165	☐	246	27.27	0	09:53 hrs	3.06	0.00	0.00	0.96	1.63	0.44	2.08	1.10	0.68
166	☐	247	37.88	0	09:53 hrs	3.06	0.00	0.00	1.00	1.58	0.45	2.03	1.76	0.66
167	☐	248	55.05	0	09:53 hrs	3.06	0.00	0.00	1.04	1.52	0.47	1.99	2.64	0.65
168	☐	249	25.14	0	09:53 hrs	3.06	0.00	0.00	0.64	2.09	0.30	2.39	0.97	0.78
169	☐	25	20.43	0	09:53 hrs	3.06	0.00	0.00	0.99	1.59	0.46	2.06	0.76	0.67
170	☐	250	14.34	0	09:53 hrs	3.06	0.00	0.00	0.65	2.08	0.31	2.39	0.49	0.78

EXISTING CONDITIONS 20-YR 24-HR SUBCATCHMENTS

		ID	Peak Runoff (cfs)	Peak Runoff Day Count (Elapsed Days)	Peak Runoff Time (hrs)	Total Precipitation (in)	Total Runon (in)	Total Evaporation (in)	Total Infiltration (in)	Impervious Runoff (in)	Pervious Runoff (in)	Total Runoff Depth (in)	Total Runoff Volume (MG)	Runoff Coefficient
171	☐	251	49.02	0	09:53 hrs	3.06	0.00	0.00	0.73	1.96	0.34	2.29	2.12	0.75
172	☐	252	3.11	0	09:53 hrs	3.06	0.00	0.00	1.23	1.83	0.00	1.83	0.11	0.60
173	☐	253	11.56	0	09:53 hrs	3.06	0.00	0.00	1.32	1.57	0.16	1.73	0.41	0.57
174	☐	254	28.07	0	09:53 hrs	3.06	0.00	0.00	0.82	1.83	0.38	2.22	1.11	0.72
175	☐	255	6.60	0	09:53 hrs	3.06	0.00	0.00	0.74	1.95	0.36	2.31	0.20	0.75
176	☐	256	6.46	0	09:53 hrs	3.06	0.00	0.00	0.27	2.64	0.13	2.77	0.21	0.91
177	☐	257	19.30	0	09:53 hrs	3.06	0.00	0.00	0.71	1.99	0.34	2.33	0.70	0.76
178	☐	258	18.65	0	09:53 hrs	3.06	0.00	0.00	0.63	2.10	0.30	2.40	0.67	0.79
179	☐	259	11.23	0	09:53 hrs	3.06	0.00	0.00	0.21	2.71	0.11	2.82	0.39	0.92
180	☐	26	45.37	0	09:53 hrs	3.06	0.00	0.00	0.91	1.70	0.42	2.12	1.96	0.69
181	☐	260	18.56	0	09:53 hrs	3.06	0.00	0.00	0.75	1.92	0.36	2.28	0.66	0.75
182	☐	261	22.52	0	09:53 hrs	3.06	0.00	0.00	0.85	1.78	0.40	2.19	0.85	0.71
183	☐	262	30.69	0	09:53 hrs	3.06	0.00	0.00	0.43	2.38	0.21	2.59	1.22	0.85
184	☐	263	20.50	0	09:53 hrs	3.06	0.00	0.00	1.17	1.71	0.16	1.87	0.78	0.61
185	☐	264	31.17	0	09:53 hrs	3.06	0.00	0.00	0.82	1.82	0.39	2.21	1.25	0.72
186	☐	265	28.41	0	09:53 hrs	3.06	0.00	0.00	1.06	1.77	0.21	1.98	1.12	0.65
187	☐	266	5.96	0	09:53 hrs	3.06	0.00	0.00	0.97	1.62	0.47	2.09	0.18	0.68
188	☐	267	6.51	0	09:53 hrs	3.06	0.00	0.00	0.89	1.58	0.56	2.14	0.20	0.70
189	☐	268	8.20	0	09:53 hrs	3.06	0.00	0.00	0.90	1.71	0.44	2.15	0.26	0.70
190	☐	269	10.83	0	09:53 hrs	3.06	0.00	0.00	0.70	1.90	0.42	2.33	0.36	0.76
191	☐	27	34.89	0	09:53 hrs	3.06	0.00	0.00	0.72	2.09	0.21	2.30	1.44	0.75
192	☐	270	20.21	0	09:53 hrs	3.06	0.00	0.00	0.83	1.64	0.54	2.18	0.78	0.71
193	☐	271	18.60	0	09:53 hrs	3.06	0.00	0.00	0.85	1.66	0.51	2.17	0.69	0.71
194	☐	272	47.70	0	09:53 hrs	3.06	0.00	0.00	0.87	1.76	0.40	2.16	2.06	0.71
195	☐	273	26.96	0	09:53 hrs	3.06	0.00	0.00	1.31	1.68	0.06	1.74	0.96	0.57
196	☐	274	12.42	0	09:53 hrs	3.06	0.00	0.00	1.59	1.41	0.05	1.46	0.43	0.48
197	☐	275	10.11	0	09:53 hrs	3.06	0.00	0.00	1.83	1.22	0.00	1.22	0.35	0.40
198	☐	276	35.44	0	09:53 hrs	3.06	0.00	0.00	1.26	1.77	0.01	1.78	1.41	0.58
199	☐	277	12.25	0	09:53 hrs	3.06	0.00	0.00	1.82	1.23	0.01	1.24	0.42	0.41
200	☐	278	23.35	0	09:53 hrs	3.06	0.00	0.00	0.69	2.06	0.28	2.34	0.89	0.76
201	☐	279	28.35	0	09:53 hrs	3.06	0.00	0.00	0.96	1.63	0.45	2.08	1.14	0.68
202	☐	28	33.85	0	09:53 hrs	3.06	0.00	0.00	0.99	1.59	0.45	2.05	1.43	0.67
203	☐	280	47.14	0	09:53 hrs	3.06	0.00	0.00	1.02	1.66	0.36	2.02	1.95	0.66
204	☐	281	7.26	0	09:53 hrs	3.06	0.00	0.00	1.01	1.55	0.49	2.04	0.23	0.67

EXISTING CONDITIONS 20-YR 24-HR SUBCATCHMENTS

		ID	Peak Runoff (cfs)	Peak Runoff Day Count (Elapsed Days)	Peak Runoff Time (hrs)	Total Precipitation (in)	Total Runon (in)	Total Evaporation (in)	Total Infiltration (in)	Impervious Runoff (in)	Pervious Runoff (in)	Total Runoff Depth (in)	Total Runoff Volume (MG)	Runoff Coefficient
205	☐	282	5.37	0	09:53 hrs	3.06	0.00	0.00	0.63	2.12	0.31	2.43	0.16	0.79
206	☐	283	13.18	0	09:53 hrs	3.06	0.00	0.00	0.97	1.61	0.46	2.07	0.45	0.68
207	☐	284	38.28	0	09:53 hrs	3.06	0.00	0.00	0.83	1.81	0.39	2.20	1.53	0.72
208	☐	285	26.91	0	09:53 hrs	3.06	0.00	0.00	0.74	1.72	0.53	2.25	1.07	0.73
209	☐	286	6.06	0	09:53 hrs	3.06	0.00	0.00	0.28	2.45	0.30	2.75	0.19	0.90
210	☐	287	40.24	0	09:53 hrs	3.06	0.00	0.00	0.38	2.23	0.38	2.60	1.68	0.85
211	☐	288	44.42	0	09:53 hrs	3.06	0.00	0.00	1.22	1.21	0.61	1.83	1.65	0.60
212	☐	289	23.54	0	09:53 hrs	3.06	0.00	0.00	0.09	2.82	0.09	2.91	0.98	0.95
213	☐	29	37.75	0	09:53 hrs	3.06	0.00	0.00	0.95	1.65	0.43	2.09	1.65	0.68
214	☐	290	22.89	0	09:53 hrs	3.06	0.00	0.00	0.09	2.82	0.09	2.91	0.99	0.95
215	☐	291	48.36	0	09:53 hrs	3.06	0.00	0.00	1.23	1.21	0.61	1.81	2.08	0.59
216	☐	292	48.59	0	09:53 hrs	3.06	0.00	0.00	0.59	2.06	0.35	2.41	2.16	0.79
217	☐	293	5.16	0	09:53 hrs	2.76	0.00	0.00	0.63	1.85	0.26	2.11	0.17	0.76
218	☐	294	1.69	0	09:53 hrs	3.06	0.00	0.00	0.21	2.75	0.11	2.86	0.05	0.93
219	☐	295	17.29	0	09:53 hrs	3.06	0.00	0.00	0.60	2.36	0.07	2.42	0.64	0.79
220	☐	296	51.60	0	09:59 hrs	2.76	0.00	0.00	0.38	1.98	0.32	2.29	2.48	0.83
221	☐	297	7.46	0	09:53 hrs	3.06	0.00	0.00	0.27	2.56	0.20	2.77	0.24	0.90
222	☐	298	79.46	0	09:59 hrs	2.76	0.00	0.00	0.22	2.30	0.16	2.46	4.07	0.89
223	☐	299	58.80	0	09:53 hrs	3.06	0.00	0.00	1.03	1.55	0.45	2.00	3.09	0.65
224	☐	3	17.94	0	09:53 hrs	3.06	0.00	0.00	0.43	2.53	0.07	2.60	0.66	0.85
225	☐	30	33.18	0	09:53 hrs	2.76	0.00	0.00	1.28	0.60	0.76	1.36	2.17	0.49
226	☐	300	50.90	0	09:53 hrs	3.06	0.00	0.00	0.97	1.62	0.44	2.06	2.38	0.67
227	☐	301	14.36	0	09:53 hrs	2.76	0.00	0.00	0.88	1.43	0.42	1.85	0.59	0.67
228	☐	302	36.33	0	09:59 hrs	2.76	0.00	0.00	0.97	1.39	0.36	1.76	1.81	0.64
229	☐	303	28.23	0	09:59 hrs	2.76	0.00	0.00	0.74	1.70	0.29	1.98	1.33	0.72
230	☐	304	9.30	0	09:53 hrs	2.76	0.00	0.00	0.33	2.26	0.14	2.40	0.36	0.87
231	☐	305	22.95	0	09:53 hrs	2.76	0.00	0.00	0.90	1.48	0.35	1.83	1.01	0.66
232	☐	306	20.43	0	09:53 hrs	2.76	0.00	0.00	0.77	1.66	0.31	1.97	0.82	0.71
233	☐	307	33.99	0	09:53 hrs	3.06	0.00	0.00	0.73	1.90	0.40	2.29	1.39	0.75
234	☐	308	50.34	0	09:53 hrs	3.06	0.00	0.00	0.30	2.55	0.15	2.70	2.33	0.88
235	☐	309	14.35	0	09:53 hrs	3.06	0.00	0.00	1.12	1.53	0.41	1.93	0.50	0.63
236	☐	31	46.85	0	09:53 hrs	2.76	0.00	0.00	0.76	1.58	0.38	1.96	2.17	0.71
237	☐	310	32.00	0	09:53 hrs	3.06	0.00	0.00	0.60	2.14	0.28	2.43	1.27	0.79
238	☐	311	21.13	0	09:53 hrs	2.76	0.00	0.00	0.77	1.65	0.31	1.96	0.90	0.71

EXISTING CONDITIONS 20-YR 24-HR SUBCATCHMENTS

		ID	Peak Runoff (cfs)	Peak Runoff Day Count (Elapsed Days)	Peak Runoff Time (hrs)	Total Precipitation (in)	Total Runon (in)	Total Evaporation (in)	Total Infiltration (in)	Impervious Runoff (in)	Pervious Runoff (in)	Total Runoff Depth (in)	Total Runoff Volume (MG)	Runoff Coefficient
239	☐	312	33.33	0	09:53 hrs	2.76	0.00	0.00	0.29	2.15	0.25	2.40	1.36	0.87
240	☐	313	9.73	0	09:53 hrs	3.06	0.00	0.00	0.25	2.58	0.19	2.77	0.35	0.90
241	☐	314	9.65	0	09:53 hrs	2.76	0.00	0.00	0.24	2.35	0.13	2.48	0.37	0.90
242	☐	315	23.48	0	09:53 hrs	2.76	0.00	0.00	0.66	1.44	0.57	2.01	0.96	0.73
243	☐	316	57.79	0	09:59 hrs	2.76	0.00	0.00	0.49	1.74	0.42	2.16	3.02	0.78
244	☐	317	21.95	0	09:53 hrs	2.76	0.00	0.00	0.45	1.84	0.39	2.23	0.89	0.81
245	☐	318	10.40	0	09:53 hrs	2.76	0.00	0.00	0.69	1.76	0.28	2.04	0.41	0.74
246	☐	319	29.69	0	09:53 hrs	2.76	0.00	0.00	0.63	1.84	0.25	2.09	1.32	0.76
247	☐	32	16.80	0	09:53 hrs	2.76	0.00	0.00	0.79	1.45	0.47	1.92	0.68	0.70
248	☐	320	34.72	0	09:53 hrs	2.76	0.00	0.00	0.45	2.02	0.24	2.26	1.51	0.82
249	☐	321	11.40	0	09:53 hrs	2.76	0.00	0.00	0.38	2.18	0.16	2.34	0.46	0.85
250	☐	322	18.02	0	09:53 hrs	2.76	0.00	0.00	0.28	2.31	0.12	2.42	0.81	0.88
251	☐	323	29.30	0	09:53 hrs	3.06	0.00	0.00	0.56	1.81	0.59	2.40	1.24	0.78
252	☐	324	20.20	0	09:53 hrs	2.76	0.00	0.00	0.82	1.59	0.32	1.91	0.90	0.69
253	☐	325	22.24	0	09:53 hrs	2.76	0.00	0.00	0.92	1.46	0.35	1.81	1.04	0.66
254	☐	326	45.53	0	09:59 hrs	2.76	0.00	0.00	0.61	1.86	0.24	2.10	2.18	0.76
255	☐	327	12.40	0	09:53 hrs	2.76	0.00	0.00	0.86	1.53	0.35	1.88	0.47	0.68
256	☐	328	15.18	0	09:53 hrs	2.76	0.00	0.00	0.72	1.72	0.29	2.01	0.63	0.73
257	☐	329	24.21	0	09:53 hrs	2.76	0.00	0.00	0.76	1.66	0.30	1.97	1.02	0.71
258	☐	33	33.07	0	09:53 hrs	2.76	0.00	0.00	0.67	1.54	0.47	2.00	1.54	0.73
259	☐	330	11.72	0	09:53 hrs	2.76	0.00	0.00	0.33	2.25	0.14	2.39	0.46	0.86
260	☐	331	46.74	0	09:53 hrs	3.06	0.00	0.00	0.83	1.82	0.38	2.20	2.07	0.72
261	☐	332	23.11	0	09:53 hrs	2.76	0.00	0.00	0.62	1.52	0.53	2.05	1.04	0.74
262	☐	333	50.69	0	09:53 hrs	3.06	0.00	0.00	0.68	1.60	0.67	2.26	2.44	0.74
263	☐	334	39.48	0	09:53 hrs	3.06	0.00	0.00	0.36	2.24	0.37	2.61	1.76	0.85
264	☐	335	51.55	0	09:59 hrs	2.76	0.00	0.00	0.31	2.26	0.13	2.39	2.58	0.87
265	☐	336	34.95	0	09:53 hrs	2.76	0.00	0.00	0.50	2.01	0.20	2.21	1.59	0.80
266	☐	337	21.13	0	09:53 hrs	2.76	0.00	0.00	0.66	1.80	0.27	2.07	0.88	0.75
267	☐	338	20.44	0	09:53 hrs	2.76	0.00	0.00	0.42	2.12	0.17	2.30	0.85	0.83
268	☐	339	14.14	0	09:53 hrs	2.76	0.00	0.00	0.56	1.93	0.23	2.16	0.58	0.78
269	☐	34	16.79	0	09:53 hrs	3.06	0.00	0.00	1.05	1.50	0.49	1.99	0.66	0.65
270	☐	340	32.79	0	09:53 hrs	3.06	0.00	0.00	0.25	2.63	0.12	2.76	1.38	0.90
271	☐	341	7.96	0	09:53 hrs	3.06	0.00	0.00	0.91	1.70	0.43	2.14	0.27	0.70
272	☐	342	54.41	0	09:53 hrs	3.06	0.00	0.00	0.11	2.82	0.06	2.87	2.68	0.94

EXISTING CONDITIONS 20-YR 24-HR SUBCATCHMENTS

		ID	Peak Runoff (cfs)	Peak Runoff Day Count (Elapsed Days)	Peak Runoff Time (hrs)	Total Precipitation (in)	Total Runon (in)	Total Evaporation (in)	Total Infiltration (in)	Impervious Runoff (in)	Pervious Runoff (in)	Total Runoff Depth (in)	Total Runoff Volume (MG)	Runoff Coefficient
273	☐	343	37.52	0	09:53 hrs	3.06	0.00	0.00	0.16	2.75	0.08	2.83	1.69	0.93
274	☐	344	2.47	0	09:53 hrs	3.06	0.00	0.00	0.17	2.78	0.09	2.87	0.08	0.94
275	☐	345	4.84	0	09:53 hrs	3.06	0.00	0.00	0.51	2.30	0.26	2.55	0.14	0.83
276	☐	346	41.41	0	09:53 hrs	3.06	0.00	0.00	0.68	2.02	0.32	2.34	1.71	0.76
277	☐	347	19.60	0	09:53 hrs	3.06	0.00	0.00	0.61	2.13	0.29	2.43	0.71	0.79
278	☐	348	32.91	0	09:53 hrs	3.06	0.00	0.00	0.97	1.61	0.44	2.06	1.44	0.67
279	☐	349	25.00	0	09:53 hrs	3.06	0.00	0.00	1.19	1.64	0.20	1.84	1.01	0.60
280	☐	35	36.73	0	09:53 hrs	3.06	0.00	0.00	1.02	1.55	0.46	2.01	1.68	0.66
281	☐	350	46.20	0	09:53 hrs	3.06	0.00	0.00	0.78	1.88	0.36	2.24	1.99	0.73
282	☐	351	39.92	0	09:53 hrs	3.06	0.00	0.00	1.35	1.68	0.00	1.68	1.61	0.55
283	☐	352	2.48	0	09:53 hrs	2.76	0.00	0.00	0.71	2.05	0.00	2.05	0.09	0.74
284	☐	353	13.08	0	09:53 hrs	3.06	0.00	0.00	0.49	2.55	0.00	2.55	0.48	0.83
285	☐	354	351.38	0	09:59 hrs	3.06	0.00	0.00	1.71	1.30	0.00	1.30	22.68	0.43
286	☐	355	7.20	0	09:53 hrs	2.76	0.00	0.00	0.80	1.65	0.29	1.94	0.26	0.70
287	☐	356	6.90	0	09:53 hrs	3.06	0.00	0.00	0.24	2.68	0.12	2.80	0.23	0.92
288	☐	357	102.12	0	09:53 hrs	3.06	0.00	0.00	1.16	1.38	0.49	1.87	5.93	0.61
289	☐	358	11.56	0	09:53 hrs	3.06	0.00	0.00	0.26	2.64	0.13	2.77	0.41	0.90
290	☐	359	19.97	0	09:53 hrs	3.06	0.00	0.00	0.88	1.75	0.42	2.16	0.74	0.71
291	☐	36	31.07	0	09:53 hrs	2.76	0.00	0.00	0.58	1.87	0.28	2.15	1.32	0.78
292	☐	360	9.36	0	09:53 hrs	2.76	0.00	0.00	0.76	1.67	0.31	1.98	0.36	0.72
293	☐	361	10.46	0	09:53 hrs	2.76	0.00	0.00	0.97	1.38	0.39	1.77	0.40	0.64
294	☐	362	21.34	0	09:53 hrs	2.76	0.00	0.00	0.79	1.62	0.31	1.94	0.96	0.70
295	☐	363	12.17	0	09:53 hrs	2.76	0.00	0.00	0.65	1.82	0.26	2.09	0.47	0.76
296	☐	364	19.12	0	09:53 hrs	2.76	0.00	0.00	0.96	1.40	0.38	1.78	0.80	0.64
297	☐	365	28.88	0	09:53 hrs	2.76	0.00	0.00	0.89	1.49	0.35	1.84	1.35	0.67
298	☐	366	21.55	0	09:53 hrs	2.76	0.00	0.00	0.47	2.06	0.19	2.25	0.87	0.82
299	☐	367	49.44	0	09:53 hrs	3.06	0.00	0.00	0.72	1.62	0.62	2.24	2.38	0.73
300	☐	368	26.26	0	09:53 hrs	3.06	0.00	0.00	0.94	1.66	0.44	2.10	1.03	0.69
301	☐	369	53.21	0	09:53 hrs	3.06	0.00	0.00	0.48	2.30	0.23	2.53	2.26	0.83
302	☐	37	24.62	0	09:53 hrs	2.76	0.00	0.00	0.82	1.51	0.40	1.92	1.03	0.69
303	☐	370	10.45	0	09:53 hrs	3.06	0.00	0.00	0.39	2.45	0.19	2.64	0.37	0.86
304	☐	371	63.89	0	09:53 hrs	3.06	0.00	0.00	0.31	2.53	0.15	2.68	3.19	0.88
305	☐	372	11.28	0	09:53 hrs	3.06	0.00	0.00	0.11	2.85	0.05	2.91	0.43	0.95
306	☐	373	26.76	0	09:53 hrs	3.06	0.00	0.00	0.97	1.58	0.48	2.07	1.08	0.68

EXISTING CONDITIONS 20-YR 24-HR SUBCATCHMENTS

		ID	Peak Runoff (cfs)	Peak Runoff Day Count (Elapsed Days)	Peak Runoff Time (hrs)	Total Precipitation (in)	Total Runon (in)	Total Evaporation (in)	Total Infiltration (in)	Impervious Runoff (in)	Pervious Runoff (in)	Total Runoff Depth (in)	Total Runoff Volume (MG)	Runoff Coefficient
307	☐	374	13.31	0	09:53 hrs	3.06	0.00	0.00	0.31	2.54	0.18	2.72	0.47	0.89
308	☐	375	17.86	0	09:53 hrs	2.76	0.00	0.00	0.62	1.70	0.39	2.09	0.68	0.76
309	☐	376	18.78	0	09:53 hrs	3.06	0.00	0.00	0.77	1.89	0.37	2.26	0.69	0.74
310	☐	377	5.10	0	09:53 hrs	3.06	0.00	0.00	0.27	2.64	0.14	2.77	0.16	0.91
311	☐	378	7.54	0	09:53 hrs	3.06	0.00	0.00	0.21	2.72	0.11	2.82	0.26	0.92
312	☐	379	28.36	0	09:53 hrs	3.06	0.00	0.00	0.78	1.89	0.37	2.26	1.09	0.74
313	☐	38	57.75	0	09:53 hrs	3.06	0.00	0.00	0.92	1.61	0.48	2.09	2.71	0.68
314	☐	380	22.02	0	09:53 hrs	3.06	0.00	0.00	0.61	2.12	0.29	2.42	0.81	0.79
315	☐	381	13.07	0	09:53 hrs	3.06	0.00	0.00	0.60	2.14	0.29	2.43	0.46	0.79
316	☐	382	6.40	0	09:53 hrs	3.06	0.00	0.00	1.00	1.79	0.27	2.06	0.19	0.67
317	☐	383	25.76	0	09:53 hrs	3.06	0.00	0.00	0.93	1.68	0.43	2.11	1.00	0.69
318	☐	384	29.14	0	09:53 hrs	3.06	0.00	0.00	0.80	1.85	0.38	2.23	1.14	0.73
319	☐	385	22.77	0	09:53 hrs	3.06	0.00	0.00	0.19	2.72	0.09	2.82	0.92	0.92
320	☐	386	28.33	0	09:53 hrs	3.06	0.00	0.00	0.97	1.62	0.45	2.07	1.06	0.68
321	☐	387	7.47	0	09:53 hrs	3.06	0.00	0.00	1.02	1.54	0.50	2.04	0.21	0.67
322	☐	388	9.72	0	09:53 hrs	3.06	0.00	0.00	0.73	1.69	0.58	2.27	0.33	0.74
323	☐	389	4.62	0	09:53 hrs	3.06	0.00	0.00	0.93	2.12	0.00	2.12	0.16	0.69
324	☐	39	20.61	0	09:53 hrs	3.06	0.00	0.00	0.95	1.64	0.45	2.09	0.78	0.68
325	☐	390	5.37	0	09:53 hrs	3.06	0.00	0.00	1.46	1.59	0.00	1.59	0.18	0.52
326	☐	391	12.90	0	09:53 hrs	3.06	0.00	0.00	0.88	1.74	0.42	2.16	0.44	0.71
327	☐	392	13.08	0	09:53 hrs	3.06	0.00	0.00	0.95	1.65	0.45	2.10	0.45	0.69
328	☐	393	14.65	0	09:53 hrs	3.06	0.00	0.00	0.91	1.69	0.44	2.13	0.51	0.70
329	☐	394	14.07	0	09:53 hrs	3.06	0.00	0.00	0.70	2.00	0.34	2.34	0.48	0.76
330	☐	395	16.48	0	09:53 hrs	3.06	0.00	0.00	1.04	1.51	0.49	2.00	0.63	0.65
331	☐	396	15.62	0	09:53 hrs	3.06	0.00	0.00	0.65	2.08	0.31	2.39	0.55	0.78
332	☐	397	35.20	0	09:53 hrs	3.06	0.00	0.00	0.98	1.61	0.45	2.06	1.46	0.67
333	☐	398	16.55	0	09:53 hrs	3.06	0.00	0.00	0.81	1.84	0.39	2.23	0.60	0.73
334	☐	399	31.02	0	09:53 hrs	3.06	0.00	0.00	0.41	2.40	0.20	2.60	1.24	0.85
335	☐	4	11.88	0	09:53 hrs	3.06	0.00	0.00	0.30	2.58	0.15	2.73	0.42	0.89
336	☐	40	20.78	0	09:53 hrs	3.06	0.00	0.00	1.00	1.57	0.47	2.03	0.84	0.66
337	☐	400	56.02	0	09:53 hrs	3.06	0.00	0.00	0.95	1.64	0.43	2.07	2.62	0.68
338	☐	401	13.90	0	09:53 hrs	3.06	0.00	0.00	0.75	1.93	0.36	2.29	0.49	0.75
339	☐	402	19.90	0	09:53 hrs	2.76	0.00	0.00	0.82	1.51	0.41	1.92	0.74	0.69
340	☐	403	11.56	0	09:53 hrs	2.76	0.00	0.00	0.57	1.61	0.49	2.11	0.46	0.76

EXISTING CONDITIONS 20-YR 24-HR SUBCATCHMENTS

		ID	Peak Runoff (cfs)	Peak Runoff Day Count (Elapsed Days)	Peak Runoff Time (hrs)	Total Precipitation (in)	Total Runon (in)	Total Evaporation (in)	Total Infiltration (in)	Impervious Runoff (in)	Pervious Runoff (in)	Total Runoff Depth (in)	Total Runoff Volume (MG)	Runoff Coefficient
341	☐	404	31.00	0	09:53 hrs	2.76	0.00	0.00	0.68	1.38	0.59	1.97	1.54	0.71
342	☐	405	20.64	0	09:53 hrs	2.76	0.00	0.00	0.60	1.55	0.52	2.07	0.90	0.75
343	☐	406	58.13	0	09:59 hrs	2.76	0.00	0.00	0.34	2.23	0.14	2.37	2.83	0.86
344	☐	407	30.43	0	09:53 hrs	3.06	0.00	0.00	1.00	1.57	0.47	2.04	1.19	0.67
345	☐	408	5.16	0	09:53 hrs	3.06	0.00	0.00	0.21	2.73	0.10	2.83	0.17	0.93
346	☐	409	4.19	0	09:53 hrs	3.06	0.00	0.00	0.27	2.65	0.13	2.78	0.13	0.91
347	☐	41	41.92	0	09:53 hrs	3.06	0.00	0.00	0.98	1.60	0.45	2.05	1.86	0.67
348	☐	410	26.46	0	09:53 hrs	3.06	0.00	0.00	0.99	2.01	0.03	2.04	1.04	0.67
349	☐	411	13.48	0	09:53 hrs	3.06	0.00	0.00	0.87	2.12	0.05	2.17	0.50	0.71
350	☐	412	11.91	0	09:53 hrs	3.06	0.00	0.00	1.13	1.91	0.00	1.91	0.44	0.62
351	☐	413	8.80	0	09:53 hrs	3.06	0.00	0.00	0.66	2.38	0.00	2.38	0.31	0.78
352	☐	414	27.31	0	09:53 hrs	3.06	0.00	0.00	0.86	1.76	0.41	2.17	1.05	0.71
353	☐	415	16.05	0	09:53 hrs	3.06	0.00	0.00	0.96	1.63	0.45	2.09	0.57	0.68
354	☐	416	27.09	0	09:53 hrs	3.06	0.00	0.00	0.80	1.86	0.38	2.24	1.04	0.73
355	☐	417	9.46	0	09:53 hrs	3.06	0.00	0.00	1.02	1.54	0.49	2.03	0.30	0.66
356	☐	418	19.11	0	09:53 hrs	3.06	0.00	0.00	0.58	2.16	0.28	2.44	0.73	0.80
357	☐	419	11.03	0	09:53 hrs	3.06	0.00	0.00	0.22	2.69	0.11	2.80	0.42	0.92
358	☐	42	26.87	0	09:53 hrs	3.06	0.00	0.00	0.59	2.40	0.04	2.43	1.01	0.80
359	☐	420	4.83	0	09:53 hrs	3.06	0.00	0.00	0.31	2.73	0.00	2.73	0.17	0.89
360	☐	421	46.08	0	09:53 hrs	3.06	0.00	0.00	1.21	1.31	0.52	1.82	2.50	0.60
361	☐	422	41.27	0	09:53 hrs	3.06	0.00	0.00	0.82	1.83	0.38	2.21	1.77	0.72
362	☐	423	3.50	0	09:53 hrs	2.76	0.00	0.00	0.51	1.74	0.45	2.18	0.12	0.79
363	☐	424	13.84	0	09:53 hrs	2.76	0.00	0.00	0.42	1.90	0.37	2.26	0.56	0.82
364	☐	425	33.90	0	09:53 hrs	2.76	0.00	0.00	0.55	1.65	0.47	2.12	1.61	0.77
365	☐	426	47.28	0	09:59 hrs	2.76	0.00	0.00	0.83	1.17	0.64	1.81	2.66	0.66
366	☐	427	12.28	0	09:53 hrs	2.76	0.00	0.00	0.82	1.13	0.71	1.85	0.46	0.67
367	☐	428	22.42	0	09:53 hrs	2.76	0.00	0.00	0.42	1.91	0.36	2.27	0.91	0.82
368	☐	429	39.10	0	09:53 hrs	2.76	0.00	0.00	0.65	1.81	0.26	2.07	1.73	0.75
369	☐	43	35.91	0	09:53 hrs	3.06	0.00	0.00	0.92	1.67	0.44	2.11	1.50	0.69
370	☐	430	9.68	0	09:53 hrs	2.76	0.00	0.00	0.95	1.42	0.38	1.80	0.38	0.65
371	☐	431	34.47	0	09:53 hrs	2.76	0.00	0.00	0.82	1.59	0.32	1.91	1.63	0.69
372	☐	432	31.20	0	09:53 hrs	2.76	0.00	0.00	0.92	1.46	0.36	1.82	1.41	0.66
373	☐	433	34.63	0	09:59 hrs	2.76	0.00	0.00	0.85	1.55	0.33	1.87	1.66	0.68
374	☐	434	39.38	0	09:53 hrs	2.76	0.00	0.00	0.61	1.87	0.24	2.11	1.76	0.76

EXISTING CONDITIONS 20-YR 24-HR SUBCATCHMENTS

		ID	Peak Runoff (cfs)	Peak Runoff Day Count (Elapsed Days)	Peak Runoff Time (hrs)	Total Precipitation (in)	Total Runon (in)	Total Evaporation (in)	Total Infiltration (in)	Impervious Runoff (in)	Pervious Runoff (in)	Total Runoff Depth (in)	Total Runoff Volume (MG)	Runoff Coefficient
375	☐	435	18.22	0	09:53 hrs	2.76	0.00	0.00	0.80	1.61	0.32	1.93	0.77	0.70
376	☐	436	13.50	0	09:53 hrs	2.76	0.00	0.00	0.43	1.89	0.37	2.27	0.50	0.82
377	☐	437	21.46	0	09:53 hrs	2.76	0.00	0.00	0.49	1.76	0.42	2.19	0.92	0.79
378	☐	438	40.51	0	09:53 hrs	2.76	0.00	0.00	0.33	2.05	0.29	2.34	1.86	0.85
379	☐	439	32.92	0	09:53 hrs	2.76	0.00	0.00	0.67	1.47	0.52	1.99	1.55	0.72
380	☐	44	45.77	0	09:53 hrs	3.06	0.00	0.00	0.98	1.61	0.45	2.05	2.08	0.67
381	☐	440	30.45	0	09:53 hrs	2.76	0.00	0.00	0.64	1.83	0.26	2.08	1.37	0.75
382	☐	441	6.63	0	09:53 hrs	2.76	0.00	0.00	0.84	1.74	0.17	1.91	0.23	0.69
383	☐	442	72.26	0	09:59 hrs	2.76	0.00	0.00	0.80	1.62	0.30	1.92	3.90	0.69
384	☐	443	2.92	0	09:53 hrs	2.76	0.00	0.00	0.66	1.81	0.28	2.09	0.09	0.76
385	☐	444	18.37	0	09:53 hrs	2.76	0.00	0.00	0.36	2.20	0.15	2.35	0.80	0.85
386	☐	445	25.47	0	09:53 hrs	2.76	0.00	0.00	0.92	1.46	0.35	1.81	1.21	0.66
387	☐	446	12.56	0	09:53 hrs	2.76	0.00	0.00	0.89	1.45	0.40	1.85	0.51	0.67
388	☐	447	18.45	0	09:53 hrs	3.06	0.00	0.00	0.94	1.65	0.45	2.10	0.67	0.69
389	☐	448	18.19	0	09:53 hrs	3.06	0.00	0.00	1.06	1.49	0.50	1.99	0.65	0.65
390	☐	449	17.68	0	09:53 hrs	3.06	0.00	0.00	0.21	2.70	0.10	2.80	0.70	0.92
391	☐	45	62.23	0	09:59 hrs	2.76	0.00	0.00	0.60	1.58	0.48	2.06	3.12	0.75
392	☐	450	10.45	0	09:53 hrs	3.06	0.00	0.00	0.70	2.00	0.34	2.34	0.35	0.76
393	☐	451	9.24	0	09:53 hrs	3.06	0.00	0.00	1.03	1.54	0.49	2.03	0.28	0.66
394	☐	452	17.62	0	09:53 hrs	2.76	0.00	0.00	0.43	1.92	0.34	2.26	0.70	0.82
395	☐	453	65.21	0	09:53 hrs	3.06	0.00	0.00	0.63	1.88	0.46	2.33	3.39	0.76
396	☐	454	68.27	0	09:59 hrs	2.76	0.00	0.00	0.78	1.35	0.53	1.88	3.56	0.68
397	☐	455	6.91	0	09:53 hrs	2.76	0.00	0.00	0.40	2.10	0.23	2.33	0.24	0.84
398	☐	456	47.38	0	09:53 hrs	3.06	0.00	0.00	1.01	1.56	0.45	2.02	2.26	0.66
399	☐	457	18.36	0	09:53 hrs	2.76	0.00	0.00	0.37	2.08	0.26	2.34	0.71	0.85
400	☐	458	23.24	0	09:53 hrs	2.76	0.00	0.00	0.63	1.77	0.32	2.09	0.99	0.76
401	☐	459	33.87	0	09:53 hrs	3.06	0.00	0.00	0.71	1.98	0.33	2.32	1.42	0.76
402	☐	46	22.19	0	09:53 hrs	2.76	0.00	0.00	0.38	1.99	0.33	2.32	0.84	0.84
403	☐	460	10.44	0	09:53 hrs	2.76	0.00	0.00	0.24	2.38	0.10	2.48	0.40	0.90
404	☐	461	41.94	0	09:59 hrs	2.76	0.00	0.00	0.28	2.30	0.12	2.41	2.10	0.87
405	☐	462	58.57	0	09:59 hrs	2.76	0.00	0.00	0.23	2.36	0.10	2.46	3.01	0.89
406	☐	463	26.43	0	09:53 hrs	3.06	0.00	0.00	0.34	2.51	0.16	2.68	1.06	0.88
407	☐	464	5.42	0	09:53 hrs	2.76	0.00	0.00	0.68	1.78	0.28	2.06	0.18	0.75
408	☐	465	9.80	0	09:53 hrs	2.76	0.00	0.00	1.03	1.30	0.41	1.71	0.39	0.62

EXISTING CONDITIONS 20-YR 24-HR SUBCATCHMENTS

		ID	Peak Runoff (cfs)	Peak Runoff Day Count (Elapsed Days)	Peak Runoff Time (hrs)	Total Precipitation (in)	Total Runon (in)	Total Evaporation (in)	Total Infiltration (in)	Impervious Runoff (in)	Pervious Runoff (in)	Total Runoff Depth (in)	Total Runoff Volume (MG)	Runoff Coefficient
409	☐	466	2.88	0	09:53 hrs	2.76	0.00	0.00	1.33	0.89	0.54	1.43	0.10	0.52
410	☐	467	23.83	0	09:53 hrs	2.76	0.00	0.00	0.59	1.87	0.26	2.13	1.02	0.77
411	☐	468	6.49	0	09:53 hrs	3.06	0.00	0.00	0.85	2.15	0.04	2.19	0.23	0.72
412	☐	469	23.80	0	09:53 hrs	3.06	0.00	0.00	0.95	2.08	0.00	2.08	0.94	0.68
413	☐	47	22.92	0	09:53 hrs	2.76	0.00	0.00	0.29	2.15	0.25	2.39	0.98	0.87
414	☐	470	7.98	0	09:53 hrs	2.76	0.00	0.00	0.76	1.66	0.31	1.98	0.29	0.72
415	☐	471	2.57	0	09:53 hrs	3.06	0.00	0.00	0.53	2.29	0.26	2.56	0.07	0.84
416	☐	472	2.43	0	09:53 hrs	3.06	0.00	0.00	0.51	2.31	0.26	2.56	0.07	0.84
417	☐	473	2.49	0	09:53 hrs	3.06	0.00	0.00	0.21	2.74	0.10	2.84	0.08	0.93
418	☐	474	11.60	0	09:53 hrs	3.06	0.00	0.00	0.90	2.14	0.00	2.14	0.44	0.70
419	☐	475	193.34	0	09:59 hrs	3.06	0.00	0.00	1.16	1.31	0.51	1.82	13.10	0.59
420	☐	476	170.51	0	09:53 hrs	3.06	0.00	0.00	1.22	1.19	0.58	1.77	10.62	0.58
421	☐	477	50.73	0	09:59 hrs	2.76	0.00	0.00	1.15	1.20	0.37	1.57	3.16	0.57
422	☐	478	45.27	0	09:53 hrs	3.06	0.00	0.00	0.39	2.17	0.41	2.58	1.84	0.84
423	☐	479	31.46	0	09:53 hrs	3.06	0.00	0.00	1.20	1.31	0.52	1.83	1.60	0.60
424	☐	48	45.29	0	09:53 hrs	2.76	0.00	0.00	0.49	1.82	0.37	2.19	2.04	0.79
425	☐	480	16.42	0	09:53 hrs	3.06	0.00	0.00	1.06	1.49	0.49	1.98	0.67	0.65
426	☐	481	20.19	0	09:53 hrs	3.06	0.00	0.00	1.82	0.46	0.78	1.24	1.15	0.40
427	☐	489	93.61	0	09:59 hrs	3.06	0.00	0.00	1.20	1.33	0.49	1.81	5.85	0.59
428	☐	49	19.49	0	09:53 hrs	2.76	0.00	0.00	0.17	2.47	0.07	2.54	0.80	0.92
429	☐	490	20.90	0	09:53 hrs	3.06	0.00	0.00	1.19	1.32	0.53	1.85	0.95	0.60
430	☐	491	21.14	0	09:53 hrs	3.06	0.00	0.00	1.19	1.32	0.53	1.85	0.99	0.60
431	☐	492	2.70	0	09:53 hrs	3.06	0.00	0.00	1.17	1.33	0.55	1.88	0.09	0.61
432	☐	493	24.95	0	09:53 hrs	3.06	0.00	0.00	1.19	1.32	0.53	1.85	1.16	0.60
433	☐	494	132.58	0	09:59 hrs	3.06	0.00	0.00	1.22	1.30	0.49	1.79	8.44	0.59
434	☐	496	31.64	0	09:59 hrs	2.76	0.00	0.00	1.12	1.21	0.39	1.60	1.79	0.58
435	☐	5	18.43	0	09:53 hrs	3.06	0.00	0.00	0.81	1.84	0.38	2.22	0.70	0.73
436	☐	50	23.08	0	09:53 hrs	2.76	0.00	0.00	0.61	1.87	0.25	2.12	0.91	0.77
437	☐	51	24.73	0	09:53 hrs	2.76	0.00	0.00	0.53	1.98	0.22	2.20	0.97	0.80
438	☐	52	44.96	0	09:53 hrs	2.76	0.00	0.00	0.68	1.74	0.31	2.04	2.10	0.74
439	☐	53	39.73	0	09:59 hrs	2.76	0.00	0.00	0.48	1.90	0.31	2.20	1.89	0.80
440	☐	54	37.89	0	09:53 hrs	2.76	0.00	0.00	0.32	2.25	0.13	2.38	1.74	0.86
441	☐	55	44.50	0	09:59 hrs	2.76	0.00	0.00	0.39	2.16	0.16	2.31	2.12	0.84
442	☐	56	38.83	0	09:53 hrs	2.76	0.00	0.00	0.41	2.13	0.17	2.30	1.84	0.83

EXISTING CONDITIONS 20-YR 24-HR SUBCATCHMENTS

		ID	Peak Runoff (cfs)	Peak Runoff Day Count (Elapsed Days)	Peak Runoff Time (hrs)	Total Precipitation (in)	Total Runon (in)	Total Evaporation (in)	Total Infiltration (in)	Impervious Runoff (in)	Pervious Runoff (in)	Total Runoff Depth (in)	Total Runoff Volume (MG)	Runoff Coefficient
443	☐	57	26.81	0	09:53 hrs	2.76	0.00	0.00	0.53	1.97	0.22	2.19	1.15	0.79
444	☐	58	27.33	0	09:53 hrs	2.76	0.00	0.00	0.76	1.56	0.41	1.96	1.19	0.71
445	☐	59	28.72	0	09:53 hrs	2.76	0.00	0.00	0.52	1.74	0.42	2.16	1.26	0.78
446	☐	6	7.80	0	09:53 hrs	3.06	0.00	0.00	0.65	2.35	0.04	2.39	0.27	0.78
447	☐	60	6.38	0	09:53 hrs	2.76	0.00	0.00	0.64	1.84	0.27	2.11	0.21	0.76
448	☐	61	33.40	0	09:53 hrs	2.76	0.00	0.00	0.44	1.86	0.37	2.23	1.53	0.81
449	☐	62	18.99	0	09:53 hrs	2.76	0.00	0.00	0.50	1.75	0.43	2.18	0.83	0.79
450	☐	63	36.46	0	09:53 hrs	2.76	0.00	0.00	0.71	1.44	0.51	1.96	1.76	0.71
451	☐	64	40.97	0	09:53 hrs	2.76	0.00	0.00	0.88	1.47	0.39	1.86	1.61	0.67
452	☐	65	31.82	0	09:53 hrs	2.76	0.00	0.00	1.22	0.96	0.57	1.53	1.27	0.55
453	☐	66	16.52	0	09:53 hrs	2.76	0.00	0.00	0.68	1.55	0.47	2.02	0.61	0.73
454	☐	67	31.33	0	09:53 hrs	2.76	0.00	0.00	0.84	1.37	0.50	1.87	1.19	0.68
455	☐	68	35.62	0	09:53 hrs	2.76	0.00	0.00	1.15	1.10	0.49	1.60	1.37	0.58
456	☐	69	44.97	0	09:53 hrs	2.76	0.00	0.00	0.56	1.70	0.42	2.12	2.05	0.77
457	☐	7	5.04	0	09:53 hrs	3.06	0.00	0.00	0.20	2.73	0.10	2.83	0.17	0.93
458	☐	70	20.92	0	09:53 hrs	2.76	0.00	0.00	0.42	1.90	0.36	2.26	0.91	0.82
459	☐	71	40.77	0	09:53 hrs	3.06	0.00	0.00	0.59	1.74	0.61	2.36	1.96	0.77
460	☐	72	45.95	0	09:53 hrs	3.06	0.00	0.00	0.64	1.64	0.66	2.30	2.26	0.75
461	☐	73	5.14	0	09:53 hrs	2.76	0.00	0.00	0.59	1.58	0.52	2.10	0.18	0.76
462	☐	74	12.43	0	09:53 hrs	2.76	0.00	0.00	0.70	1.37	0.60	1.97	0.53	0.71
463	☐	75	42.81	0	09:53 hrs	3.06	0.00	0.00	0.64	1.65	0.66	2.31	2.03	0.75
464	☐	76	11.19	0	09:53 hrs	2.76	0.00	0.00	0.62	1.52	0.54	2.05	0.44	0.74
465	☐	77	54.51	0	09:59 hrs	2.76	0.00	0.00	0.30	2.27	0.12	2.40	2.67	0.87
466	☐	78	23.43	0	09:53 hrs	2.76	0.00	0.00	0.10	2.56	0.04	2.60	1.10	0.94
467	☐	79	25.31	0	09:53 hrs	2.76	0.00	0.00	0.61	1.86	0.25	2.11	1.04	0.77
468	☐	8	275.77	0	09:59 hrs	3.06	0.00	0.00	1.22	1.29	0.43	1.72	22.25	0.56
469	☐	80	38.65	0	09:53 hrs	2.76	0.00	0.00	0.32	2.25	0.13	2.39	1.79	0.86
470	☐	81	39.98	0	09:53 hrs	2.76	0.00	0.00	0.34	2.23	0.14	2.37	1.80	0.86
471	☐	82	65.67	0	09:59 hrs	2.76	0.00	0.00	0.30	2.23	0.16	2.39	3.33	0.87
472	☐	83	82.48	0	09:59 hrs	2.76	0.00	0.00	0.70	1.73	0.27	2.01	4.50	0.73
473	☐	84	58.08	0	09:59 hrs	2.76	0.00	0.00	0.58	1.91	0.23	2.13	2.84	0.77
474	☐	85	53.98	0	09:59 hrs	2.76	0.00	0.00	0.45	2.07	0.18	2.25	2.79	0.81
475	☐	86	55.02	0	09:59 hrs	2.76	0.00	0.00	0.16	2.42	0.10	2.52	2.88	0.91
476	☐	87	75.60	0	09:59 hrs	2.76	0.00	0.00	0.17	2.43	0.07	2.51	4.19	0.91

EXISTING CONDITIONS 20-YR 24-HR SUBCATCHMENTS

		ID	Peak Runoff (cfs)	Peak Runoff Day Count (Elapsed Days)	Peak Runoff Time (hrs)	Total Precipitation (in)	Total Runon (in)	Total Evaporation (in)	Total Infiltration (in)	Impervious Runoff (in)	Pervious Runoff (in)	Total Runoff Depth (in)	Total Runoff Volume (MG)	Runoff Coefficient
477	☐	88	38.01	0	09:59 hrs	2.76	0.00	0.00	0.23	2.24	0.20	2.44	1.85	0.89
478	☐	89	73.33	0	09:59 hrs	2.76	0.00	0.00	0.26	2.19	0.22	2.41	3.83	0.87
479	☐	9	9.81	0	09:53 hrs	3.06	0.00	0.00	0.22	2.70	0.11	2.81	0.34	0.92
480	☐	90	95.35	0	09:59 hrs	2.76	0.00	0.00	0.11	2.47	0.09	2.56	5.21	0.93
481	☐	91	60.81	0	09:59 hrs	2.76	0.00	0.00	0.25	2.21	0.21	2.43	2.98	0.88
482	☐	92	23.28	0	09:53 hrs	2.76	0.00	0.00	0.11	2.47	0.10	2.58	1.07	0.93
483	☐	93	53.29	0	09:59 hrs	2.76	0.00	0.00	0.27	2.30	0.12	2.43	2.59	0.88
484	☐	94	2.01	0	09:53 hrs	2.76	0.00	0.00	0.14	2.47	0.13	2.60	0.07	0.94
485	☐	95	2.79	0	09:53 hrs	2.76	0.00	0.00	0.16	2.46	0.11	2.57	0.10	0.93
486	☐	96	49.69	0	09:59 hrs	2.76	0.00	0.00	0.86	1.54	0.32	1.86	2.54	0.67
487	☐	97	22.84	0	09:53 hrs	2.76	0.00	0.00	0.95	1.42	0.37	1.79	1.01	0.65
488	☐	98	3.12	0	09:53 hrs	2.76	0.00	0.00	0.19	2.46	0.08	2.54	0.11	0.92
489	☐	99	21.63	0	09:53 hrs	2.76	0.00	0.00	0.84	1.56	0.33	1.89	0.94	0.69

EXISTING CONDITIONS 20-YR 24-HR JUNCTIONS

		ID	Maximum Depth (ft)	Maximum HGL (ft)	Maximum HGL Head Class	Freeboard (ft)	Max.Depth Day-Time (day-time)	Maximum Lateral Inflow (cfs)	Maximum Total Inflow (cfs)	Lateral Inflow Volume (MG)	Total Inflow Volume (MG)	Flow Volume Difference (MG)	Total Surcharge Time (hrs)	Max.Surchar ge Height Above Ground (ft)	Min.Surchar ge Depth Below Rim (ft)	Total Flood Volume (MG)	Total Flood Time (hrs)	Maximum Flood Rate (cfs)	Max.Flood Day-Time (day-time)
1	☐	AC3_OTL	0.74	82.13	low Link Cro	1.01	0 - 12:30 hrs	0.00	5.76	0.00	2.69	107.16	0.00	0.00	0.00	0.00	0.00	0.00	0 - 00:00 hrs
2	☐	CP_OV_OTL_1	6.94	42.12	low Link Cro	-4.94	0 - 14:30 hrs	0.00	2.33	0.00	0.01	1,140.44	0.00	0.00	0.00	0.00	0.00	0.00	0 - 00:00 hrs
3	☐	ELD_OTL	19.05	116.47	Surcharged	-15.55	0 - 10:59 hrs	0.00	79.39	0.00	4.10	60,741.34	21.43	15.55	0.00	0.00	0.00	0.00	0 - 00:00 hrs
4	☐	ID_1	7.34	42.91	w Maximum C	1.06	0 - 09:47 hrs	25.02	44.19	1.12	3.91	1,113.95	15.94	4.43	1.06	0.00	0.00	0.00	0 - 00:00 hrs
5	☐	ID_10	7.17	35.47	Surcharged	-2.97	0 - 14:55 hrs	0.00	8.77	0.00	4.06	550.68	39.76	5.17	0.00	0.00	0.00	0.00	0 - 00:00 hrs
6	☐	ID_11	11.07	51.00	w Maximum C	0.00	0 - 00:00 hrs	0.00	179.37	0.00	4.44	3,178.31	0.01	6.07	0.00	0.01	0.00	139.53	0 - 00:00 hrs
7	☐	ID_12	12.63	98.50	w Maximum C	0.00	0 - 09:55 hrs	0.00	65.10	0.00	4.69	-8.99	0.81	8.95	0.00	0.00	0.00	13.56	0 - 09:55 hrs
8	☐	ID_13	6.05	38.81	w Maximum C	2.19	0 - 09:59 hrs	0.00	280.40	0.00	29.51	5,697.25	0.19	0.55	2.19	0.00	0.00	0.00	0 - 00:00 hrs
9	☐	ID_14	4.41	52.05	low Link Cro	5.79	0 - 10:03 hrs	0.00	429.40	0.00	66.54	1,167.15	0.00	0.00	0.00	0.00	0.00	0.00	0 - 00:00 hrs
10	☐	ID_2	15.01	82.68	Surcharged	0.00	0 - 09:51 hrs	0.00	161.13	0.00	18.13	277.45	4.15	10.51	0.00	0.00	0.00	15.56	0 - 09:51 hrs
11	☐	ID_3	5.37	84.29	Surcharged	0.00	0 - 09:48 hrs	0.00	23.36	0.00	2.52	206.85	2.15	3.12	0.00	0.07	0.61	7.33	0 - 09:48 hrs
12	☐	ID_4	11.92	41.78	Surcharged	-9.28	0 - 16:36 hrs	0.00	9.49	0.00	4.08	218.92	28.12	5.42	0.00	0.00	0.00	0.00	0 - 00:00 hrs
13	☐	ID_5	11.40	41.05	Surcharged	-8.55	0 - 14:14 hrs	0.00	8.81	0.00	4.09	566.95	39.96	9.40	0.00	0.00	0.00	0.00	0 - 00:00 hrs
14	☐	ID_6	10.91	40.34	Surcharged	-7.84	0 - 13:48 hrs	0.00	8.79	0.00	4.08	638.45	39.93	8.91	0.00	0.00	0.00	0.00	0 - 00:00 hrs
15	☐	ID_7	10.29	39.47	Surcharged	-6.97	0 - 13:48 hrs	0.00	8.78	0.00	4.08	1,268.32	39.90	8.29	0.00	0.00	0.00	0.00	0 - 00:00 hrs
16	☐	ID_8	8.68	37.26	Surcharged	-4.76	0 - 16:44 hrs	0.00	8.77	0.00	4.07	697.98	39.76	6.68	0.00	0.00	0.00	0.00	0 - 00:00 hrs
17	☐	ID_9	8.13	36.48	Surcharged	-3.98	0 - 15:59 hrs	0.00	8.77	0.00	4.06	550.14	39.76	6.13	0.00	0.00	0.00	0.00	0 - 00:00 hrs
18	☐	JCT_12	2.91	98.91	low Link Cro	1.59	0 - 10:00 hrs	0.00	65.72	0.00	2.01	-18.90	0.00	0.00	0.00	0.00	0.00	0.00	0 - 00:00 hrs
19	☐	JCT_14	10.66	86.52	Surcharged	-2.66	0 - 11:48 hrs	0.00	12.49	0.00	1.84	53,919.45	28.57	2.66	0.00	0.00	0.00	0.00	0 - 00:00 hrs
20	☐	JCT_CL512	2.48	54.02	low Link Cro	54.06	0 - 10:04 hrs	63.15	266.13	2.44	21.56	3,361.25	0.00	0.00	0.00	0.00	0.00	0.00	0 - 00:00 hrs
21	☐	MB_OTL	7.09	98.95	Surcharged	-5.09	0 - 10:32 hrs	0.00	44.45	0.00	8.62	-1,936.22	2.28	1.23	0.00	0.00	0.00	0.00	0 - 00:00 hrs
22	☐	MKP_OTL	5.85	98.24	Surcharged	-4.35	0 - 10:38 hrs	0.00	17.26	0.00	1.50	-172.91	7.75	2.98	0.00	0.00	0.00	0.00	0 - 00:00 hrs
23	☐	MONTEBELLA_DITCH_OVF	10.30	100.13	w Maximum C	0.00	0 - 09:51 hrs	0.00	170.27	0.00	1.62	0.00	2.99	5.80	0.00	1.59	0.67	170.25	0 - 10:03 hrs
24	☐	MONTEBELLA_DITCH_OVF2	9.20	98.18	w Maximum C	0.00	0 - 09:51 hrs	0.00	63.49	0.00	1.22	0.00	3.47	6.05	0.00	1.19	1.03	63.48	0 - 10:11 hrs
25	☐	MS_200_221	3.45	50.61	low Link Cro	6.93	0 - 09:59 hrs	92.78	285.19	3.70	24.29	1,895.91	0.00	0.00	0.00	0.00	0.00	0.00	0 - 00:00 hrs
26	☐	SWCB-D3-010	4.62	86.64	w Maximum C	3.80	0 - 12:26 hrs	0.00	27.18	0.00	1.35	0.00	28.29	2.37	3.80	0.00	0.00	0.00	0 - 00:00 hrs
27	☐	SWCB-E3-003	4.39	86.64	w Maximum C	2.51	0 - 12:33 hrs	7.96	7.96	0.27	0.27	0.00	28.15	2.39	2.51	0.00	0.00	0.00	0 - 00:00 hrs
28	☐	SWCB-E3-005	4.24	86.62	w Maximum C	0.98	0 - 12:56 hrs	0.00	2.61	0.00	0.08	527.42	28.06	2.24	0.98	0.00	0.00	0.00	0 - 00:00 hrs
29	☐	SWCB-E3-007	4.55	86.61	w Maximum C	1.05	0 - 12:56 hrs	0.00	11.06	0.00	0.41	406.38	28.28	2.55	1.05	0.00	0.00	0.00	0 - 00:00 hrs
30	☐	SWCB-E3-008	4.22	86.57	w Maximum C	0.58	0 - 13:07 hrs	11.03	11.03	0.41	0.41	0.00	28.17	2.22	0.58	0.00	0.00	0.00	0 - 00:00 hrs
31	☐	SWCB-E4-009	4.81	99.03	w Maximum C	3.59	0 - 10:07 hrs	0.00	24.34	0.00	2.97	173.27	0.85	1.81	3.59	0.00	0.00	0.00	0 - 00:00 hrs
32	☐	SWCB-E4-010	6.45	99.52	w Maximum C	0.00	0 - 09:56 hrs	0.00	27.00	0.00	3.72	154.47	1.34	3.45	0.00	0.00	0.00	13.29	0 - 09:56 hrs
33	☐	SWCB-E4-025	7.08	98.46	Surcharged	0.00	0 - 09:53 hrs	0.00	45.90	0.00	4.80	2.92	1.75	4.08	0.00	0.00	0.00	14.47	0 - 09:53 hrs
34	☐	SWCB-F4-009	7.00	94.48	Surcharged	0.00	0 - 09:52 hrs	0.00	41.62	0.00	4.78	66.62	2.41	3.95	0.00	0.11	0.57	15.99	0 - 09:52 hrs
35	☐	SWCB-F4-034	7.05	94.40	Surcharged	0.00	0 - 09:52 hrs	0.00	32.29	0.00	4.68	82.60	2.49	4.05	0.00	0.14	0.56	13.37	0 - 10:14 hrs
36	☐	SWCB-G6-027	9.50	101.57	Surcharged	0.00	0 - 09:57 hrs	0.00	28.17	0.00	2.30	383.61	2.05	7.00	0.00	0.00	0.00	0.16	0 - 09:57 hrs
37	☐	SWCB-G6-037	4.10	104.35	Surcharged	0.00	0 - 09:57 hrs	27.95	27.95	1.11	1.11	0.00	0.32	2.10	0.00	0.00	0.01	1.38	0 - 09:57 hrs
38	☐	SWCB-G6-056	8.45	95.46	Surcharged	0.00	0 - 09:51 hrs	0.00	31.24	0.00	2.73	222.08	1.49	5.95	0.00	0.00	0.00	4.71	0 - 09:51 hrs
39	☐	SWCB-G6-065	9.55	101.95	w Maximum C	0.25	0 - 09:57 hrs	0.00	28.17	0.00	2.29	0.00	1.48	7.05	0.25	0.00	0.00	0.00	0 - 00:00 hrs
40	☐	SWCB-H4-019	0.80	73.20	low Link Cro	3.25	0 - 09:59 hrs	9.73	9.73	0.34	0.34	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0 - 00:00 hrs
41	☐	SWCB-H4-021	1.40	71.04	low Link Cro	4.45	0 - 09:59 hrs	0.00	9.66	0.00	0.34	37.02	0.00	0.00	0.00	0.00	0.00	0.00	0 - 00:00 hrs
42	☐	SWCB-H5-002	5.80	87.33	Surcharged	0.00	0 - 09:49 hrs	41.92	41.92	1.85	1.85	0.00	2.55	3.80	0.00	0.34	0.74	35.17	0 - 09:59 hrs
43	☐	SWCB-H5-003	6.10	87.50	Surcharged	0.00	0 - 09:51 hrs	0.00	16.16	0.00	1.51	83.27	2.65	4.10	0.00	0.00	0.00	0.03	0 - 09:51 hrs
44	☐	SWCB-H5-007	5.80	86.54	Surcharged	0.00	0 - 09:51 hrs	0.00	23.17	0.00	1.94	37.38	1.73	3.55	0.00	0.00	0.00	5.25	0 - 09:51 hrs
45	☐	SWCB-H5-009	6.80	88.30	w Maximum C	0.10	0 - 09:52 hrs	0.00	23.17	0.00	1.94	81.13	1.81	4.80	0.10	0.00	0.00	0.00	0 - 00:00 hrs
46	☐	SWCB-H5-010	6.50	88.48	Surcharged	0.00	0 - 09:51 hrs	45.77	45.77	2.06	2.06	0.00	1.71	4.50	0.00	0.13	0.45	22.58	0 - 09:59 hrs
47	☐	SWCB-H6-011	11.70	96.85	w Maximum C	0.00	0 - 09:52 hrs	34.89	53.01	1.43	4.16	351.89	1.38	9.20	0.00	0.00	0.00	0.89	0 - 09:52 hrs
48	☐	SWCB-H6-013	1.44	80.55	low Link Cro	12.51	0 - 09:59 hrs	0.00	53.00	0.00	4.16	152.86	0.00	0.00	0.00	0.00	0.00	0.00	0 - 00:00 hrs
49	☐	SWCB-H7-067	6.55	67.88	w Maximum C	1.10	0 - 10:02 hrs	0.00	80.32	0.00	3.45	751.89	0.35	2.55	1.10	0.00	0.00	0.00	0 - 00:00 hrs

EXISTING CONDITIONS 20-YR 24-HR JUNCTIONS

		ID	Maximum Depth (ft)	Maximum HGL (ft)	Maximum HGL Head Class	Freeboard (ft)	Max.Depth Day-Time (day-time)	Maximum Lateral Inflow (cfs)	Maximum Total Inflow (cfs)	Lateral Inflow Volume (MG)	Total Inflow Volume (MG)	Flow Volume Difference (MG)	Total Surcharge Time (hrs)	Max.Surchar ge Height Above Crown	Min.Surchar ge Depth Below Rim (ft)	Total Flood Volume (MG)	Total Flood Time (hrs)	Maximum Flood Rate (cfs)	Max.Flood Day-Time (day-time)
50	☐	SWCB-H7-099	3.78	68.57	w Maximum	5.32	0 - 00:02 hrs	0.00	36.47	0.00	2.32	640.74	0.51	1.28	5.32	0.00	0.00	0.00	0 - 00:00 hrs
51	☐	SWCB-H7-115	0.88	59.07	low Link Cro	6.22	0 - 09:59 hrs	0.00	18.60	0.00	0.70	223.29	0.00	0.00	0.00	0.00	0.00	0.00	0 - 00:00 hrs
52	☐	SWCB-I8-070	10.30	105.76	w Maximum	0.00	0 - 10:00 hrs	0.00	21.37	0.00	0.66	-34.92	0.45	8.30	0.00	0.00	0.00	16.44	0 - 10:00 hrs
53	☐	SWCB-J2-017	5.27	40.61	w Maximum	0.13	0 - 10:00 hrs	0.00	15.02	0.00	1.11	0.00	41.36	3.26	0.13	0.00	0.00	0.00	0 - 00:00 hrs
54	☐	SWCB-J4-002	8.12	41.07	w Maximum	0.61	0 - 09:59 hrs	0.00	280.40	0.00	15.38	7,983.36	0.66	2.62	0.61	0.00	0.00	0.00	0 - 00:00 hrs
55	☐	SWCB-J4-003	11.04	62.35	w Maximum	0.28	0 - 09:57 hrs	45.29	45.29	2.03	2.03	0.00	0.30	9.04	0.28	0.00	0.00	0.00	0 - 00:00 hrs
56	☐	SWCB-J8-026	7.30	105.79	Surcharged	0.00	0 - 10:00 hrs	0.00	24.15	0.00	0.96	64.32	0.19	5.30	0.00	0.00	0.00	9.55	0 - 10:00 hrs
57	☐	SWCB-J8-027	5.98	105.21	w Maximum	0.92	0 - 10:00 hrs	0.00	23.71	0.00	0.96	35.99	0.30	3.98	0.92	0.00	0.00	0.00	0 - 00:00 hrs
58	☐	SWCB-J8-043	4.40	102.58	Surcharged	0.00	0 - 09:42 hrs	0.00	30.39	0.00	5.72	209.42	5.39	1.90	0.00	0.02	0.72	2.70	0 - 10:03 hrs
59	☐	SWCB-K6-019	8.42	71.63	Surcharged	0.00	0 - 09:59 hrs	0.00	32.54	0.00	1.54	-59.40	0.34	5.75	0.00	0.00	0.00	9.12	0 - 09:59 hrs
60	☐	SWCB-K7-003	5.55	90.92	w Maximum	0.00	0 - 09:52 hrs	0.00	28.24	0.00	4.01	242.66	1.19	2.80	0.00	0.00	0.00	7.05	0 - 09:52 hrs
61	☐	SWCB-K7-004	6.03	90.54	w Maximum	0.19	0 - 09:56 hrs	0.00	72.16	0.00	8.02	375.98	1.21	2.52	0.19	0.00	0.00	0.00	0 - 00:00 hrs
62	☐	SWCB-K7-005	5.40	89.18	Surcharged	0.00	0 - 09:56 hrs	0.00	72.15	0.00	8.01	166.01	0.86	1.90	0.00	0.00	0.00	1.82	0 - 09:56 hrs
63	☐	SWCB-K7-031	5.22	89.24	w Maximum	0.00	0 - 09:56 hrs	0.00	72.10	0.00	8.02	172.01	0.72	1.72	0.00	0.00	0.00	0.52	0 - 09:56 hrs
64	☐	SWCB-K7-032	5.80	88.07	Surcharged	0.00	0 - 09:56 hrs	0.00	69.85	0.00	8.01	213.25	0.73	2.05	0.00	0.00	0.00	3.74	0 - 09:56 hrs
65	☐	SWCB-K7-033	5.74	88.03	w Maximum	0.16	0 - 09:56 hrs	0.00	69.81	0.00	8.01	325.20	0.84	1.99	0.16	0.00	0.00	0.00	0 - 00:00 hrs
66	☐	SWCB-K7-036	8.48	70.38	w Maximum	0.00	0 - 09:56 hrs	0.00	68.52	0.00	7.31	151.40	0.98	5.48	0.00	0.07	0.31	10.54	0 - 10:00 hrs
67	☐	SWCB-K7-037	8.84	67.87	Surcharged	0.00	0 - 09:56 hrs	0.00	63.51	0.00	7.23	297.97	1.10	5.84	0.00	0.04	0.25	11.02	0 - 10:03 hrs
68	☐	SWCB-L2-009	8.46	44.48	w Maximum	2.39	0 - 10:00 hrs	0.00	27.55	0.00	2.79	5,088.86	4.21	4.96	2.39	0.00	0.00	0.00	0 - 00:00 hrs
69	☐	SWCB-L2-010	8.96	44.22	w Maximum	1.54	0 - 09:57 hrs	0.00	30.88	0.00	2.82	3,324.22	47.18	5.46	1.54	0.00	0.00	0.00	0 - 00:00 hrs
70	☐	SWCB-L4-089	6.70	48.09	w Maximum	0.00	0 - 09:52 hrs	19.49	58.37	0.79	5.88	1,202.30	4.27	3.20	0.00	0.03	0.25	8.48	0 - 09:59 hrs
71	☐	SWCB-L5-015	6.15	47.67	w Maximum	0.20	0 - 10:00 hrs	0.00	57.48	0.00	5.52	1,466.82	3.10	2.65	0.20	0.00	0.00	0.00	0 - 00:00 hrs
72	☐	SWCB-L5-021	6.75	53.41	Surcharged	0.00	0 - 09:52 hrs	0.00	47.53	0.00	3.73	146.88	1.28	3.75	0.00	0.00	0.00	10.66	0 - 09:52 hrs
73	☐	SWCB-L6-018	4.52	74.70	w Maximum	0.00	0 - 09:55 hrs	36.46	81.63	1.75	6.91	442.53	0.72	1.52	0.00	0.05	0.24	11.93	0 - 09:59 hrs
74	☐	SWCB-L8-032	8.61	95.89	Surcharged	0.00	0 - 09:55 hrs	0.00	60.93	0.00	2.44	-242.34	2.51	4.61	0.00	0.00	0.00	37.13	0 - 09:55 hrs
75	☐	SWCB-M2-018	6.15	41.63	Surcharged	0.00	0 - 09:42 hrs	0.00	34.03	0.00	5.96	2,084.10	10.14	2.65	0.00	0.00	0.00	3.99	0 - 09:42 hrs
76	☐	SWCB-M2-019	6.30	41.29	Surcharged	0.00	0 - 09:42 hrs	0.00	34.03	0.00	5.94	1,561.67	15.51	2.80	0.00	0.00	0.02	0.55	0 - 09:42 hrs
77	☐	SWCB-M2-023	6.15	41.10	w Maximum	0.00	0 - 09:42 hrs	0.00	34.03	0.00	5.93	1,015.22	16.07	2.65	0.00	0.00	0.00	0.14	0 - 09:42 hrs
78	☐	SWCB-M2-025	6.00	40.78	Surcharged	0.00	0 - 09:42 hrs	30.18	64.08	1.39	7.31	2,445.73	17.91	2.50	0.00	0.26	0.82	25.59	0 - 09:59 hrs
79	☐	SWCB-M2-027	6.35	40.23	w Maximum	0.20	0 - 10:00 hrs	0.00	38.49	0.00	7.03	4,350.48	27.14	2.85	0.20	0.00	0.00	0.00	0 - 00:00 hrs
80	☐	SWCB-M2-046	6.72	42.87	w Maximum	0.00	0 - 09:47 hrs	0.00	30.19	0.00	3.10	930.76	11.27	3.97	0.00	0.02	0.32	4.02	0 - 09:59 hrs
81	☐	SWCB-M2-050	5.10	44.01	w Maximum	0.00	0 - 09:38 hrs	19.02	29.38	0.83	3.29	-446.94	7.60	3.10	0.00	0.31	2.17	18.62	0 - 09:59 hrs
82	☐	SWCB-M3-038	6.25	52.12	w Maximum	0.00	0 - 09:41 hrs	31.20	31.20	1.40	1.40	0.00	5.78	5.00	0.00	0.33	1.54	26.38	0 - 09:59 hrs
83	☐	SWCB-M6-014	4.35	67.70	w Maximum	0.00	0 - 09:55 hrs	33.90	33.90	1.60	1.60	0.00	0.72	2.35	0.00	0.05	0.28	11.39	0 - 09:59 hrs
84	☐	SWCB-M6-015	4.20	66.53	w Maximum	0.00	0 - 09:55 hrs	0.00	24.46	0.00	1.55	16.31	0.64	2.20	0.00	0.00	0.00	3.46	0 - 09:55 hrs
85	☐	SWCB-M6-016	6.15	66.14	w Maximum	0.39	0 - 09:55 hrs	0.00	22.72	0.00	1.55	74.99	0.79	4.15	0.39	0.00	0.00	0.00	0 - 00:00 hrs
86	☐	SWCB-M6-033	4.75	65.40	Surcharged	0.00	0 - 09:55 hrs	0.00	22.75	0.00	1.55	37.15	0.80	2.75	0.00	0.00	0.00	0.19	0 - 09:55 hrs
87	☐	SWCB-N2-003	5.65	39.62	Surcharged	0.00	0 - 09:42 hrs	0.00	38.51	0.00	6.99	0.00	26.19	2.15	0.00	0.34	2.05	13.79	0 - 10:03 hrs
88	☐	SWCB-N3-015	4.95	45.84	Surcharged	0.00	0 - 09:42 hrs	0.00	12.02	0.00	2.47	857.93	6.51	2.95	0.00	0.00	0.69	0.01	0 - 11:34 hrs
89	☐	SWCB-N3-016	4.32	46.33	Surcharged	0.00	0 - 09:41 hrs	0.00	22.21	0.00	2.81	90.31	6.01	2.32	0.00	0.34	2.14	11.86	0 - 10:02 hrs
90	☐	SWCB-N3-089	6.75	42.85	Surcharged	0.00	0 - 09:45 hrs	0.00	86.17	0.00	9.34	1,895.45	8.53	3.25	0.00	1.06	1.07	86.16	0 - 10:03 hrs
91	☐	SWCB-N5-016	3.92	53.09	w Maximum	2.18	0 - 09:48 hrs	0.00	2.85	0.00	0.01	0.00	0.23	1.67	2.18	0.00	0.00	0.00	0 - 00:00 hrs
92	☐	SWCB-N6-002	8.29	54.06	w Maximum	2.94	0 - 00:01 hrs	0.00	99.34	0.00	8.04	1,090.16	47.97	4.79	2.94	0.00	0.00	0.00	0 - 00:00 hrs
93	☐	SWCB-N6-003	9.74	55.57	w Maximum	3.43	0 - 00:01 hrs	0.00	123.58	0.00	8.04	1,142.54	47.95	6.24	3.43	0.00	0.00	0.00	0 - 00:00 hrs
94	☐	SWCB-N6-039	10.35	56.00	w Maximum	0.00	0 - 00:00 hrs	0.00	147.21	0.00	8.04	1,380.28	47.99	6.85	0.00	0.00	0.00	89.07	0 - 00:00 hrs
95	☐	SWCB-N6-040	11.09	56.99	Surcharged	0.00	0 - 00:01 hrs	0.00	95.12	0.00	8.04	1,651.33	47.95	7.59	0.00	0.00	0.00	12.63	0 - 00:01 hrs
96	☐	SWCB-N7-011	1.88	58.46	low Link Cro	4.97	0 - 10:10 hrs	0.00	11.38	0.00	0.46	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0 - 00:00 hrs
97	☐	SWCB-O2-011	6.80	42.51	Surcharged	0.00	0 - 09:47 hrs	18.22	42.02	0.76	3.93	3,831.79	10.11	3.30	0.00	0.05	0.36	12.04	0 - 09:59 hrs
98	☐	SWCB-O2-020	6.20	38.92	w Maximum	0.00	0 - 09:45 hrs	0.00	26.54	0.00	3.41	525.05	31.37	4.20	0.00	2.64	5.63	26.54	0 - 11:33 hrs

EXISTING CONDITIONS 20-YR 24-HR JUNCTIONS

		ID	Maximum Depth (ft)	Maximum HGL (ft)	Maximum HGL Head Class	Freeboard (ft)	Max.Depth Day-Time (day-time)	Maximum Lateral Inflow (cfs)	Maximum Total Inflow (cfs)	Lateral Inflow Volume (MG)	Total Inflow Volume (MG)	Flow Volume Difference (MG)	Total Surcharge Time (hrs)	Max.Surchar ge Height Above Ground	Min.Surchar ge Depth Below Rim (ft)	Total Flood Volume (MG)	Total Flood Time (hrs)	Maximum Flood Rate (cfs)	Max.Flood Day-Time (day-time)
99	☐	SWCB-O2-021	6.10	38.96	Surcharged	0.00	0 - 09:45 hrs	0.00	9.86	0.00	1.50	605.94	30.46	3.40	0.00	0.05	2.83	1.51	0 - 09:59 hrs
100	☐	SWCB-O2-031	7.10	42.50	Surcharged	0.00	0 - 09:47 hrs	0.00	30.06	0.00	3.52	1,299.91	13.20	3.60	0.00	0.00	0.00	0.03	0 - 09:47 hrs
101	☐	SWCB-O3-001	6.80	46.20	Surcharged	0.00	0 - 09:51 hrs	0.00	23.12	0.00	2.12	0.00	3.99	4.05	0.00	0.00	0.00	2.97	0 - 09:51 hrs
102	☐	SWCB-O3-032	7.00	45.12	Surcharged	0.00	0 - 09:48 hrs	0.00	23.06	0.00	2.12	99.21	4.89	4.25	0.00	0.00	0.01	6.80	0 - 09:48 hrs
103	☐	SWCB-O3-035	6.70	45.64	Surcharged	0.00	0 - 09:51 hrs	0.00	23.06	0.00	2.12	-43.00	4.18	3.95	0.00	0.00	0.00	10.24	0 - 09:51 hrs
104	☐	SWCB-O3-040	6.75	46.12	Surcharged	0.00	0 - 09:51 hrs	0.00	32.64	0.00	2.19	275.51	4.05	4.00	0.00	0.08	0.49	10.63	0 - 09:59 hrs
105	☐	SWCB-O4-026	6.10	54.71	Surcharged	0.00	0 - 09:51 hrs	0.00	12.58	0.00	1.08	55.89	3.86	4.10	0.00	0.00	0.10	7.90	0 - 09:51 hrs
106	☐	SWCB-O4-027	5.90	54.76	Surcharged	0.00	0 - 09:52 hrs	17.76	20.62	0.74	1.14	24.76	3.55	3.90	0.00	0.06	0.43	12.49	0 - 09:52 hrs
107	☐	SWCB-O4-029	6.60	55.91	w Maximum	0.00	0 - 09:52 hrs	0.00	15.02	0.00	0.39	-36.30	3.21	4.60	0.00	0.00	0.01	14.35	0 - 09:52 hrs
108	☐	SWCB-O4-032	4.90	55.92	w Maximum	0.00	0 - 09:52 hrs	0.00	6.18	0.00	0.39	0.00	2.62	3.65	0.00	0.00	0.01	0.76	0 - 09:52 hrs
109	☐	SWCB-O4-033	5.40	55.81	w Maximum	0.00	0 - 09:52 hrs	0.00	6.17	0.00	0.40	95.57	4.02	4.15	0.00	0.00	0.34	0.50	0 - 09:52 hrs
110	☐	SWMH-B4-001	2.48	111.86	low Link Cro	5.76	0 - 10:25 hrs	0.00	88.56	0.00	22.16	261.03	0.00	0.00	0.00	0.00	0.00	0.00	0 - 00:00 hrs
111	☐	SWMH-B4-002	3.21	113.80	low Link Cro	3.09	0 - 10:25 hrs	0.00	89.20	0.00	22.18	2,539.52	0.00	0.00	0.00	0.00	0.00	0.00	0 - 00:00 hrs
112	☐	SWMH-C4-001	4.01	116.77	w Maximum	3.29	0 - 09:59 hrs	0.00	25.64	0.00	7.24	96.07	0.00	1.45	3.29	0.00	0.00	0.00	0 - 00:00 hrs
113	☐	SWMH-C4-002	4.72	119.74	w Maximum	1.88	0 - 09:45 hrs	0.00	25.64	0.00	7.24	858.88	5.25	2.37	1.88	0.00	0.00	0.00	0 - 00:00 hrs
114	☐	SWMH-C4-003	4.93	121.71	w Maximum	0.00	0 - 09:57 hrs	0.00	25.64	0.00	7.25	327.56	6.17	2.68	0.00	0.00	0.04	0.18	0 - 09:59 hrs
115	☐	SWMH-C4-004	4.84	122.29	w Maximum	0.24	0 - 10:10 hrs	0.00	25.63	0.00	7.24	-142.20	5.30	2.59	0.24	0.00	0.00	0.00	0 - 00:00 hrs
116	☐	SWMH-C4-005	1.69	101.84	low Link Cro	6.46	0 - 09:59 hrs	0.00	44.85	0.00	1.94	52.50	0.00	0.00	0.00	0.00	0.00	0.00	0 - 00:00 hrs
117	☐	SWMH-C4-006	8.14	111.59	Surcharged	0.00	0 - 09:57 hrs	0.00	44.86	0.00	1.94	92.55	0.29	5.55	0.00	0.00	0.00	5.29	0 - 09:57 hrs
118	☐	SWMH-C4-007	7.65	112.74	w Maximum	0.00	0 - 09:57 hrs	44.84	44.84	1.94	1.94	0.00	0.39	5.15	0.00	0.00	0.00	1.41	0 - 09:57 hrs
119	☐	SWMH-C4-017	3.14	110.49	low Link Cro	3.56	0 - 10:26 hrs	0.00	88.56	0.00	22.16	818.25	0.00	0.00	0.00	0.00	0.00	0.00	0 - 00:00 hrs
120	☐	SWMH-D4-001	4.17	78.00	w Maximum	2.43	0 - 09:59 hrs	6.63	57.93	0.23	4.02	512.72	1.30	1.42	2.43	0.00	0.00	0.00	0 - 00:00 hrs
121	☐	SWMH-D4-002	5.26	80.80	w Maximum	0.00	0 - 09:52 hrs	0.00	52.13	0.00	3.79	113.70	0.96	2.38	0.00	0.00	0.00	2.56	0 - 09:52 hrs
122	☐	SWMH-D4-003	5.65	83.93	w Maximum	0.00	0 - 09:52 hrs	0.00	73.63	0.00	3.93	101.17	0.87	3.10	0.00	0.14	0.34	22.31	0 - 09:59 hrs
123	☐	SWMH-D4-004	6.65	93.98	Surcharged	0.00	0 - 09:56 hrs	48.44	92.41	2.04	3.97	-43.39	0.51	4.10	0.00	0.04	0.17	18.71	0 - 09:59 hrs
124	☐	SWMH-D4-005	2.13	78.05	low Link Cro	2.32	0 - 10:00 hrs	0.00	26.70	0.00	1.07	-10.26	0.00	0.00	0.00	0.00	0.00	0.00	0 - 00:00 hrs
125	☐	SWMH-D4-006	1.56	79.22	low Link Cro	2.89	0 - 10:00 hrs	0.00	26.86	0.00	1.07	105.79	0.00	0.00	0.00	0.00	0.00	0.00	0 - 00:00 hrs
126	☐	SWMH-D4-007	1.45	81.76	low Link Cro	4.20	0 - 10:00 hrs	0.00	27.42	0.00	1.07	28.64	0.00	0.00	0.00	0.00	0.00	0.00	0 - 00:00 hrs
127	☐	SWMH-D4-021	1.25	76.39	low Link Cro	4.40	0 - 10:00 hrs	0.00	26.70	0.00	1.07	18.55	0.00	0.00	0.00	0.00	0.00	0.00	0 - 00:00 hrs
128	☐	SWMH-E3-001	4.74	86.71	w Maximum	3.26	0 - 12:36 hrs	0.00	27.18	0.00	1.35	405.19	28.35	2.49	3.26	0.00	0.00	0.00	0 - 00:00 hrs
129	☐	SWMH-E3-002	5.02	87.10	w Maximum	2.68	0 - 10:04 hrs	0.00	27.18	0.00	1.35	564.88	28.32	2.62	2.68	0.00	0.00	0.00	0 - 00:00 hrs
130	☐	SWMH-E3-003	7.95	91.06	w Maximum	0.00	0 - 09:56 hrs	32.79	32.79	1.37	1.37	0.00	28.33	5.95	0.00	0.01	0.16	5.86	0 - 09:59 hrs
131	☐	SWMH-E3-016	8.35	89.47	w Maximum	0.00	0 - 09:42 hrs	54.41	54.41	2.67	2.67	0.00	31.57	6.35	0.00	0.37	0.93	39.72	0 - 09:59 hrs
132	☐	SWMH-E3-017	8.18	88.31	w Maximum	0.00	0 - 09:41 hrs	0.00	14.61	0.00	2.30	617.01	32.16	6.00	0.00	0.02	1.00	0.72	0 - 10:10 hrs
133	☐	SWMH-E3-018	8.40	86.49	Surcharged	0.00	0 - 09:40 hrs	0.00	12.49	0.00	2.21	776.81	35.11	6.40	0.00	0.30	5.61	6.09	0 - 10:48 hrs
134	☐	SWMH-E3-019	8.90	86.68	w Maximum	0.35	0 - 11:45 hrs	0.00	12.49	0.00	1.91	444.91	35.62	6.90	0.35	0.00	0.00	0.00	0 - 00:00 hrs
135	☐	SWMH-E3-020	9.58	86.59	w Maximum	0.02	0 - 15:14 hrs	0.00	12.48	0.00	1.89	4,162.90	36.09	7.08	0.02	0.00	0.00	0.00	0 - 00:00 hrs
136	☐	SWMH-E3-021	4.60	87.73	w Maximum	0.00	0 - 09:52 hrs	37.52	37.52	1.68	1.68	0.00	28.31	2.35	0.00	0.06	0.30	14.50	0 - 09:59 hrs
137	☐	SWMH-E3-023	4.10	87.12	Surcharged	0.00	0 - 09:52 hrs	0.00	22.97	0.00	1.62	387.69	28.27	1.60	0.00	0.04	0.44	5.42	0 - 10:11 hrs
138	☐	SWMH-E3-026	5.11	86.53	w Maximum	0.77	0 - 12:15 hrs	0.00	20.92	0.00	1.56	1,027.36	28.59	2.61	0.77	0.00	0.00	0.00	0 - 00:00 hrs
139	☐	SWMH-E3-027	4.57	86.72	w Maximum	1.73	0 - 12:26 hrs	0.00	20.92	0.00	1.57	1,635.33	28.27	2.07	1.73	0.00	0.00	0.00	0 - 00:00 hrs
140	☐	SWMH-E3-028	4.60	87.38	Surcharged	0.00	0 - 09:52 hrs	0.00	20.92	0.00	1.58	1,388.49	28.27	2.10	0.00	0.00	0.00	3.48	0 - 09:52 hrs
141	☐	SWMH-E3-029	4.30	87.20	w Maximum	0.60	0 - 09:52 hrs	0.00	20.94	0.00	1.58	268.49	28.27	1.80	0.60	0.00	0.00	0.00	0 - 00:00 hrs
142	☐	SWMH-E3-031	4.14	87.05	w Maximum	1.71	0 - 10:03 hrs	0.00	17.05	0.00	0.72	544.02	28.22	2.14	1.71	0.00	0.00	0.00	0 - 00:00 hrs
143	☐	SWMH-E3-032	4.14	86.62	w Maximum	0.71	0 - 13:22 hrs	0.00	17.04	0.00	0.71	632.80	28.22	2.14	0.71	0.00	0.00	0.00	0 - 00:00 hrs
144	☐	SWMH-E3-033	4.52	86.62	w Maximum	1.58	0 - 12:26 hrs	0.00	17.04	0.00	0.71	520.16	28.15	2.26	1.58	0.00	0.00	0.00	0 - 00:00 hrs
145	☐	SWMH-E3-034	3.93	86.58	w Maximum	1.27	0 - 12:14 hrs	2.47	2.47	0.08	0.08	0.00	27.92	1.93	1.27	0.00	0.00	0.00	0 - 00:00 hrs
146	☐	SWMH-E3-037	4.60	87.70	w Maximum	0.00	0 - 09:56 hrs	19.11	19.11	0.72	0.72	0.00	28.22	2.60	0.00	0.00	0.13	2.18	0 - 09:59 hrs
147	☐	SWMH-E3-038	10.57	86.53	w Maximum	1.47	0 - 12:03 hrs	0.00	12.48	0.00	1.86	3,310.77	38.45	8.06	1.47	0.00	0.00	0.00	0 - 00:00 hrs

EXISTING CONDITIONS 20-YR 24-HR JUNCTIONS

		ID	Maximum Depth (ft)	Maximum HGL (ft)	Maximum HGL Head Class	Freeboard (ft)	Max.Depth Day-Time (day-time)	Maximum Lateral Inflow (cfs)	Maximum Total Inflow (cfs)	Lateral Inflow Volume (MG)	Total Inflow Volume (MG)	Flow Volume Difference (MG)	Total Surcharge Time (hrs)	Max.Surchar ge Height Above Crown	Min.Surchar ge Depth Below Rim (ft)	Total Flood Volume (MG)	Total Flood Time (hrs)	Maximum Flood Rate (cfs)	Max.Flood Day-Time (day-time)
148	☐	SWMH-E4-001	1.44	91.80	Flow Link Cro	9.08	0 - 09:59 hrs	17.94	27.98	0.65	1.07	44.34	0.00	0.00	0.00	0.00	0.00	0.00	0 - 00:00 hrs
149	☐	SWMH-E4-002	0.76	93.41	Flow Link Cro	6.79	0 - 10:00 hrs	0.00	10.74	0.00	0.41	7.44	0.00	0.00	0.00	0.00	0.00	0.00	0 - 00:00 hrs
150	☐	SWMH-E4-003	1.41	94.28	Flow Link Cro	6.87	0 - 10:00 hrs	0.00	11.29	0.00	0.41	-141.81	0.00	0.00	0.00	0.00	0.00	0.00	0 - 00:00 hrs
151	☐	SWMH-E4-005	1.25	97.55	Flow Link Cro	5.75	0 - 09:59 hrs	11.88	11.88	0.41	0.41	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0 - 00:00 hrs
152	☐	SWMH-E4-006	7.78	99.25	Surcharged	0.00	0 - 09:53 hrs	28.41	45.90	1.09	4.80	219.66	1.68	4.50	0.00	0.00	0.00	18.04	0 - 09:53 hrs
153	☐	SWMH-E4-007	10.20	102.38	w Maximum C	0.00	0 - 09:53 hrs	0.00	26.99	0.00	3.71	5.50	1.58	7.08	0.00	0.00	0.00	11.50	0 - 09:53 hrs
154	☐	SWMH-E4-008	7.10	100.25	w Maximum C	0.00	0 - 09:55 hrs	21.87	32.85	0.79	3.74	65.64	1.08	3.60	0.00	0.00	0.00	12.19	0 - 09:55 hrs
155	☐	SWMH-E4-009	4.24	98.95	Flow Link Cro	4.05	0 - 10:07 hrs	0.00	29.46	0.00	2.95	468.63	0.00	0.00	0.00	0.00	0.00	0.00	0 - 00:00 hrs
156	☐	SWMH-E4-010	11.10	95.52	w Maximum C	0.00	0 - 09:56 hrs	63.89	67.63	3.18	3.18	0.00	0.83	7.40	0.00	0.01	0.01	63.43	0 - 09:56 hrs
157	☐	SWMH-E5-001	4.69	102.25	Flow Link Cro	4.81	0 - 10:04 hrs	8.66	116.66	0.29	21.50	2,875.52	0.00	0.00	0.00	0.00	0.00	0.00	0 - 00:00 hrs
158	☐	SWMH-E5-002	5.10	101.42	w Maximum C	0.00	0 - 09:52 hrs	0.00	2.05	0.00	0.00	0.00	1.38	3.55	0.00	0.00	0.00	1.93	0 - 09:52 hrs
159	☐	SWMH-F3-001	10.25	83.20	Surcharged	0.00	0 - 09:52 hrs	32.95	169.04	1.30	18.13	-367.18	2.45	5.62	0.00	0.00	0.00	26.79	0 - 09:52 hrs
160	☐	SWMH-F3-002	3.41	76.75	Flow Link Cro	3.99	0 - 10:07 hrs	0.00	101.04	0.00	9.13	622.44	0.00	0.00	0.00	0.00	0.00	0.00	0 - 00:00 hrs
161	☐	SWMH-F3-003	6.10	82.31	w Maximum C	0.00	0 - 09:56 hrs	0.00	101.29	0.00	9.14	580.84	0.90	2.60	0.00	0.00	0.00	4.57	0 - 09:56 hrs
162	☐	SWMH-F3-005	6.40	86.46	w Maximum C	0.00	0 - 09:55 hrs	25.29	121.92	0.96	9.26	574.31	1.04	2.90	0.00	0.12	0.37	20.93	0 - 09:59 hrs
163	☐	SWMH-F3-006	8.85	89.83	Surcharged	0.00	0 - 09:56 hrs	87.27	120.80	4.73	8.39	403.92	1.54	5.35	0.00	0.10	0.27	24.11	0 - 10:03 hrs
164	☐	SWMH-F3-007	8.20	87.80	w Maximum C	0.00	0 - 09:40 hrs	0.00	13.89	0.00	2.27	375.19	32.84	6.10	0.00	0.05	1.13	1.99	0 - 10:03 hrs
165	☐	SWMH-F3-008	8.54	87.66	w Maximum C	0.26	0 - 10:17 hrs	0.00	12.49	0.00	2.22	738.87	33.61	6.52	0.26	0.00	0.00	0.00	0 - 00:00 hrs
166	☐	SWMH-F3-009	9.21	86.64	w Maximum C	0.19	0 - 13:34 hrs	0.00	12.50	0.00	1.90	1,439.13	35.31	6.71	0.19	0.00	0.00	0.00	0 - 00:00 hrs
167	☐	SWMH-F3-010	10.62	93.00	w Maximum C	0.00	0 - 09:56 hrs	0.00	74.51	0.00	3.94	341.84	1.22	7.12	0.00	0.00	0.00	1.39	0 - 09:56 hrs
168	☐	SWMH-F3-011	11.50	94.42	w Maximum C	0.00	0 - 09:56 hrs	0.00	42.13	0.00	2.20	215.93	1.11	8.00	0.00	0.00	0.00	5.43	0 - 09:56 hrs
169	☐	SWMH-F3-012	11.10	93.96	w Maximum C	0.00	0 - 09:56 hrs	0.00	33.17	0.00	1.74	143.33	1.11	7.60	0.00	0.00	0.00	22.82	0 - 09:56 hrs
170	☐	SWMH-F4-001	9.40	84.43	Surcharged	0.00	0 - 09:52 hrs	0.00	160.65	0.00	16.83	358.26	2.14	4.90	0.00	0.00	0.00	28.45	0 - 09:52 hrs
171	☐	SWMH-F4-002	8.90	86.48	w Maximum C	0.00	0 - 09:52 hrs	0.00	137.94	0.00	14.59	-6.65	2.20	4.30	0.00	0.00	0.00	1.77	0 - 09:52 hrs
172	☐	SWMH-F4-005	10.03	91.84	Surcharged	-0.20	0 - 09:52 hrs	0.00	187.34	0.00	39.28	999.69	2.39	5.03	0.00	0.00	0.00	0.00	0 - 00:00 hrs
173	☐	SWMH-F4-006	9.85	93.34	w Maximum C	0.00	0 - 09:52 hrs	57.59	202.66	2.59	39.45	1,672.21	4.83	4.85	0.00	0.16	0.35	31.57	0 - 09:59 hrs
174	☐	SWMH-F4-007	9.73	94.36	w Maximum C	0.00	0 - 09:52 hrs	0.00	170.63	0.00	36.94	1,079.47	5.08	4.73	0.00	0.07	0.38	13.64	0 - 09:59 hrs
175	☐	SWMH-F4-008	9.52	96.30	Surcharged	0.00	0 - 09:52 hrs	0.00	155.92	0.00	32.41	1,368.18	4.79	4.52	0.00	0.00	0.00	1.04	0 - 09:52 hrs
176	☐	SWMH-F4-009	9.49	97.00	w Maximum C	0.00	0 - 09:52 hrs	25.69	154.77	0.97	31.05	798.10	4.81	4.49	0.00	0.00	0.00	17.90	0 - 09:52 hrs
177	☐	SWMH-F4-010	6.90	95.57	w Maximum C	0.00	0 - 09:52 hrs	0.00	41.61	0.00	4.78	160.36	2.17	3.90	0.00	0.00	0.00	14.69	0 - 09:52 hrs
178	☐	SWMH-F4-011	6.80	96.34	Surcharged	0.00	0 - 09:52 hrs	0.00	45.88	0.00	4.80	171.64	2.00	3.80	0.00	0.01	0.18	24.67	0 - 09:52 hrs
179	☐	SWMH-F4-012	6.30	96.83	Surcharged	0.00	0 - 09:52 hrs	0.00	16.76	0.00	1.39	103.25	2.44	4.30	0.00	0.01	0.31	8.94	0 - 09:52 hrs
180	☐	SWMH-F4-014	10.64	87.06	w Maximum C	0.06	0 - 09:55 hrs	34.49	554.45	1.27	32.95	2,222.49	4.19	5.78	0.06	0.00	0.00	0.00	0 - 00:00 hrs
181	☐	SWMH-F4-017	10.25	90.64	w Maximum C	0.00	0 - 09:51 hrs	0.00	39.93	0.00	4.99	221.31	2.72	7.25	0.00	0.00	0.00	4.79	0 - 09:51 hrs
182	☐	SWMH-F4-018	9.59	90.93	Surcharged	0.00	0 - 09:52 hrs	0.00	41.63	0.00	4.99	678.33	2.45	6.59	0.00	0.00	0.00	13.52	0 - 09:52 hrs
183	☐	SWMH-F4-019	8.15	91.83	Surcharged	0.00	0 - 09:52 hrs	0.00	25.64	0.00	2.53	35.49	3.23	6.00	0.00	0.08	0.87	4.88	0 - 09:57 hrs
184	☐	SWMH-F4-020	8.52	92.45	w Maximum C	0.00	0 - 09:48 hrs	61.56	61.56	2.99	2.99	0.00	3.38	6.52	0.00	0.46	0.96	44.96	0 - 09:59 hrs
185	☐	SWMH-F4-021	8.38	93.31	Surcharged	0.00	0 - 09:53 hrs	18.43	44.78	0.70	2.89	308.20	1.58	4.88	0.00	0.01	0.07	29.57	0 - 09:53 hrs
186	☐	SWMH-F4-027	9.20	85.37	Surcharged	0.00	0 - 09:52 hrs	53.21	160.09	2.25	16.83	687.71	2.23	4.65	0.00	0.00	0.02	3.57	0 - 09:52 hrs
187	☐	SWMH-F4-030	11.30	95.16	Surcharged	0.00	0 - 09:56 hrs	10.45	48.87	0.37	1.34	-1.18	0.93	7.70	0.00	0.00	0.00	31.60	0 - 09:56 hrs
188	☐	SWMH-F4-031	10.86	94.25	Surcharged	0.00	0 - 09:56 hrs	0.00	33.20	0.00	1.74	-520.02	0.99	7.22	0.00	0.00	0.00	20.24	0 - 09:56 hrs
189	☐	SWMH-F4-032	8.93	93.20	w Maximum C	0.00	0 - 09:56 hrs	11.28	12.85	0.43	0.43	0.00	1.31	7.18	0.00	0.03	0.17	12.82	0 - 09:57 hrs
190	☐	SWMH-F4-034	9.60	95.44	Surcharged	0.00	0 - 09:52 hrs	0.00	151.54	0.00	32.41	493.57	4.40	4.60	0.00	0.00	0.00	7.84	0 - 09:52 hrs
191	☐	SWMH-F4-035	10.35	90.08	Surcharged	0.00	0 - 09:52 hrs	17.68	231.30	0.70	42.85	2,086.69	2.13	4.60	0.00	0.00	0.00	23.93	0 - 09:52 hrs
192	☐	SWMH-F4-036	9.25	86.52	w Maximum C	0.70	0 - 09:53 hrs	0.00	95.56	0.00	26.70	669.91	3.53	4.75	0.70	0.00	0.00	0.00	0 - 00:00 hrs
193	☐	SWMH-F5-001	9.27	98.07	w Maximum C	0.00	0 - 09:52 hrs	0.00	153.94	0.00	30.07	449.83	2.55	4.27	0.00	0.00	0.00	43.26	0 - 09:52 hrs
194	☐	SWMH-F5-002	9.38	99.93	Surcharged	0.00	0 - 09:53 hrs	0.00	152.19	0.00	30.10	2,054.06	2.39	4.38	0.00	0.00	0.00	37.83	0 - 09:53 hrs
195	☐	SWMH-F5-003	8.10	101.41	Surcharged	0.00	0 - 09:53 hrs	33.67	40.91	1.17	6.12	503.39	2.17	5.10	0.00	0.00	0.00	22.16	0 - 09:53 hrs
196	☐	SWMH-F5-004	8.26	103.86	Surcharged	0.00	0 - 09:55 hrs	0.00	21.85	0.00	4.96	174.17	1.20	5.76	0.00	0.00	0.00	19.71	0 - 09:55 hrs

EXISTING CONDITIONS 20-YR 24-HR JUNCTIONS

		ID	Maximum Depth (ft)	Maximum HGL (ft)	Maximum HGL Head Class	Freeboard (ft)	Max.Depth Day-Time (day-time)	Maximum Lateral Inflow (cfs)	Maximum Total Inflow (cfs)	Lateral Inflow Volume (MG)	Total Inflow Volume (MG)	Flow Volume Difference (MG)	Total Surcharge Time (hrs)	Max.Surchar ge Height Above Crown	Min.Surchar ge Depth Below Rim (ft)	Total Flood Volume (MG)	Total Flood Time (hrs)	Maximum Flood Rate (cfs)	Max.Flood Day-Time (day-time)
197	☐	SWMH-F5-005	2.35	103.99	Flow Link Cro	5.09	0 - 10:18 hrs	0.00	26.02	0.00	2.64	761.61	0.00	0.00	0.00	0.00	0.00	0.00	0 - 00:00 hrs
198	☐	SWMH-F5-006	5.90	98.55	Surcharged	0.00	0 - 09:52 hrs	0.00	19.27	0.00	1.42	138.15	1.96	3.90	0.00	0.03	0.52	7.51	0 - 09:52 hrs
199	☐	SWMH-F5-007	4.95	101.00	w Maximum	0.00	0 - 09:52 hrs	38.05	38.05	1.55	1.55	86.09	1.32	2.95	0.00	0.13	0.45	21.91	0 - 09:59 hrs
200	☐	SWMH-F5-008	6.81	101.55	w Maximum	1.79	0 - 09:57 hrs	0.00	134.56	0.00	23.67	1,076.27	2.23	1.81	1.79	0.00	0.00	0.00	0 - 00:00 hrs
201	☐	SWMH-F5-009	7.32	102.86	w Maximum	2.08	0 - 09:57 hrs	0.00	115.46	0.00	21.48	47.22	1.11	1.92	2.08	0.00	0.00	0.00	0 - 00:00 hrs
202	☐	SWMH-F5-010	5.45	101.67	w Maximum	1.60	0 - 09:57 hrs	0.00	22.49	0.00	2.19	-37.94	4.95	3.35	1.60	0.00	0.00	0.00	0 - 00:00 hrs
203	☐	SWMH-F5-011	5.72	102.84	w Maximum	0.71	0 - 09:57 hrs	0.00	22.49	0.00	2.19	128.66	4.17	3.71	0.71	0.00	0.00	0.00	0 - 00:00 hrs
204	☐	SWMH-F5-012	5.30	104.95	w Maximum	0.00	0 - 09:49 hrs	0.00	22.88	0.00	2.19	-48.98	2.09	3.30	0.00	0.00	0.00	3.94	0 - 09:49 hrs
205	☐	SWMH-F5-013	5.06	105.70	w Maximum	0.00	0 - 09:49 hrs	29.40	47.44	1.13	2.43	321.31	1.83	2.90	0.00	0.24	0.66	27.80	0 - 09:59 hrs
206	☐	SWMH-F5-014	6.95	108.18	Surcharged	0.00	0 - 09:52 hrs	34.58	34.58	1.38	1.38	0.00	1.88	4.95	0.00	0.08	0.36	16.49	0 - 09:59 hrs
207	☐	SWMH-F5-016	2.54	105.78	w Maximum	3.74	0 - 09:57 hrs	0.00	25.97	0.00	2.64	99.57	1.03	0.54	3.74	0.00	0.00	0.00	0 - 00:00 hrs
208	☐	SWMH-F5-023	6.15	112.04	Surcharged	0.00	0 - 09:51 hrs	27.31	27.31	1.04	1.04	0.00	1.16	4.00	0.00	0.04	0.29	10.84	0 - 09:59 hrs
209	☐	SWMH-F5-025	6.15	110.92	Surcharged	0.00	0 - 09:51 hrs	16.05	32.48	0.56	1.57	88.60	1.34	4.15	0.00	0.13	0.46	20.20	0 - 09:59 hrs
210	☐	SWMH-F5-026	6.52	110.50	Surcharged	0.00	0 - 10:17 hrs	0.00	17.89	0.00	1.44	-316.42	1.33	4.52	0.00	0.00	0.00	0.02	0 - 10:17 hrs
211	☐	SWMH-F5-027	7.16	108.87	Surcharged	0.00	0 - 09:51 hrs	27.09	39.33	1.03	2.47	137.59	1.24	4.66	0.00	0.00	0.00	2.39	0 - 09:51 hrs
212	☐	SWMH-F5-028	6.50	107.64	w Maximum	0.65	0 - 10:17 hrs	0.00	39.33	0.00	2.47	41.00	1.16	4.00	0.65	0.00	0.00	0.00	0 - 00:00 hrs
213	☐	SWMH-F5-029	5.90	106.95	Surcharged	0.00	0 - 10:17 hrs	0.00	39.31	0.00	2.47	243.52	0.93	3.30	0.00	0.00	0.00	0.81	0 - 10:17 hrs
214	☐	SWMH-F5-030	8.32	105.36	Surcharged	0.00	0 - 10:17 hrs	0.00	63.17	0.00	6.46	1,606.67	17.85	4.00	0.00	0.00	0.02	8.14	0 - 13:26 hrs
215	☐	SWMH-F5-031	7.10	106.99	w Maximum	0.00	0 - 09:52 hrs	0.00	39.33	0.00	2.46	-137.94	5.62	4.50	0.00	0.00	0.00	5.86	0 - 09:52 hrs
216	☐	SWMH-F5-032	8.25	102.91	w Maximum	0.00	0 - 09:55 hrs	0.00	22.48	0.00	4.96	0.54	1.68	5.52	0.00	0.00	0.00	16.52	0 - 09:55 hrs
217	☐	SWMH-F5-033	1.05	101.02	Flow Link Cro	4.55	0 - 09:55 hrs	0.00	5.28	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0 - 00:00 hrs
218	☐	SWMH-F5-041	6.58	99.82	w Maximum	1.32	0 - 10:03 hrs	10.45	140.91	0.34	24.31	1,122.42	0.70	0.58	1.32	0.00	0.00	0.00	0 - 00:00 hrs
219	☐	SWMH-F5-042	7.60	99.28	w Maximum	0.00	0 - 09:53 hrs	0.00	133.04	0.00	24.04	969.57	2.69	3.50	0.00	0.00	0.00	41.83	0 - 09:53 hrs
220	☐	SWMH-F6-001	11.59	120.40	w Maximum	0.51	0 - 09:48 hrs	5.04	106.01	0.17	19.98	1,111.48	3.44	7.59	0.51	0.00	0.00	0.00	0 - 00:00 hrs
221	☐	SWMH-F6-002	11.51	121.11	w Maximum	1.31	0 - 09:48 hrs	0.00	103.43	0.00	19.82	1,054.22	4.14	7.51	1.31	0.00	0.00	0.00	0 - 00:00 hrs
222	☐	SWMH-F6-003	10.95	121.32	w Maximum	0.00	0 - 09:48 hrs	0.00	103.42	0.00	19.83	1,200.70	4.85	6.95	0.00	0.00	0.00	0.42	0 - 09:48 hrs
223	☐	SWMH-F6-004	10.51	122.26	w Maximum	0.47	0 - 09:48 hrs	0.00	103.43	0.00	19.84	1,208.53	4.90	6.51	0.47	0.00	0.00	0.00	0 - 00:00 hrs
224	☐	SWMH-F6-005	9.91	122.73	Surcharged	0.00	0 - 09:47 hrs	283.04	283.04	22.53	22.53	0.00	4.99	5.91	0.00	2.69	1.49	181.31	0 - 10:03 hrs
225	☐	SWMH-F6-006	15.10	111.78	w Maximum	0.00	0 - 09:57 hrs	1.43	59.83	0.04	2.88	257.81	0.43	11.60	0.00	0.00	0.00	1.73	0 - 09:57 hrs
226	☐	SWMH-F6-007	11.15	117.76	Surcharged	0.00	0 - 09:56 hrs	22.77	23.58	0.91	1.33	34.70	0.62	8.80	0.00	0.00	0.00	0.09	0 - 09:56 hrs
227	☐	SWMH-F6-008	9.10	116.86	Surcharged	0.00	0 - 09:55 hrs	0.00	9.49	0.00	0.43	-13.51	0.54	7.00	0.00	0.00	0.04	3.03	0 - 09:59 hrs
228	☐	SWMH-F6-009	11.50	116.79	w Maximum	0.00	0 - 09:56 hrs	12.90	33.57	0.44	1.77	432.22	0.70	9.50	0.00	0.00	0.01	2.67	0 - 09:57 hrs
229	☐	SWMH-F6-010	11.97	115.15	Surcharged	0.00	0 - 09:57 hrs	0.00	33.56	0.00	1.76	-231.17	0.64	9.97	0.00	0.00	0.00	0.23	0 - 09:57 hrs
230	☐	SWMH-F6-011	13.20	112.92	w Maximum	0.00	0 - 09:57 hrs	0.00	33.56	0.00	1.76	49.64	0.55	11.10	0.00	0.00	0.00	0.36	0 - 09:57 hrs
231	☐	SWMH-F6-012	15.15	111.84	w Maximum	0.00	0 - 09:57 hrs	29.56	58.52	1.07	2.84	29.58	0.50	11.90	0.00	0.00	0.00	0.98	0 - 09:57 hrs
232	☐	SWMH-F6-020	6.10	114.04	Surcharged	0.00	0 - 09:47 hrs	14.65	37.60	0.51	1.87	42.32	2.40	4.00	0.00	0.35	0.89	37.58	0 - 09:59 hrs
233	☐	SWMH-F6-022	8.65	116.76	Surcharged	0.00	0 - 09:55 hrs	14.07	19.44	0.48	0.48	0.00	0.52	6.65	0.00	0.06	0.21	19.41	0 - 09:59 hrs
234	☐	SWMH-F6-025	7.90	114.72	w Maximum	2.30	0 - 09:56 hrs	15.62	15.91	0.55	2.07	215.04	2.50	5.70	2.30	0.00	0.00	0.00	0 - 00:00 hrs
235	☐	SWMH-F6-026	6.40	115.51	Surcharged	0.00	0 - 09:48 hrs	35.20	35.20	1.45	1.45	0.00	2.10	4.40	0.00	0.09	0.41	17.75	0 - 09:59 hrs
236	☐	SWMH-F6-029	8.21	113.76	w Maximum	1.24	0 - 09:57 hrs	0.00	15.91	0.00	2.05	209.34	2.68	6.11	1.24	0.00	0.00	0.00	0 - 00:00 hrs
237	☐	SWMH-F6-030	8.24	114.39	w Maximum	1.94	0 - 09:56 hrs	0.00	15.91	0.00	2.05	131.55	2.70	6.02	1.94	0.00	0.00	0.00	0 - 00:00 hrs
238	☐	SWMH-F6-031	8.10	113.01	Surcharged	0.00	0 - 09:57 hrs	16.55	26.58	0.59	2.64	190.67	2.56	6.00	0.00	0.00	0.02	0.60	0 - 09:59 hrs
239	☐	SWMH-F6-032	5.37	109.17	w Maximum	1.93	0 - 09:59 hrs	0.00	25.98	0.00	2.64	42.89	2.41	3.25	1.93	0.00	0.00	0.00	0 - 00:00 hrs
240	☐	SWMH-F6-037	6.40	107.78	w Maximum	0.00	0 - 09:53 hrs	0.00	13.02	0.00	0.61	-37.75	0.86	4.10	0.00	0.00	0.01	12.24	0 - 09:53 hrs
241	☐	SWMH-F6-038	4.78	107.81	w Maximum	0.00	0 - 09:53 hrs	18.45	18.45	0.67	0.67	0.00	0.80	3.28	0.00	0.05	0.29	12.51	0 - 09:59 hrs
242	☐	SWMH-F7-001	4.00	110.29	Flow Link Cro	13.25	0 - 09:59 hrs	0.00	112.87	0.00	20.23	497.25	0.00	0.00	0.00	0.00	0.00	0.00	0 - 00:00 hrs
243	☐	SWMH-F7-002	4.12	111.36	w Maximum	12.68	0 - 09:59 hrs	7.80	112.56	0.26	20.24	693.09	0.02	0.12	12.68	0.00	0.00	0.00	0 - 00:00 hrs
244	☐	SWMH-F7-003	11.92	104.24	w Maximum	10.23	0 - 09:57 hrs	39.55	114.93	1.71	5.20	354.69	0.34	8.17	10.23	0.00	0.00	0.00	0 - 00:00 hrs
245	☐	SWMH-F7-004	14.98	109.32	w Maximum	2.17	0 - 09:57 hrs	0.00	75.71	0.00	3.49	-95.14	0.40	11.23	2.17	0.00	0.00	0.00	0 - 00:00 hrs

EXISTING CONDITIONS 20-YR 24-HR JUNCTIONS

		ID	Maximum Depth (ft)	Maximum HGL (ft)	Maximum HGL Head Class	Freeboard (ft)	Max.Depth Day-Time (day-time)	Maximum Lateral Inflow (cfs)	Maximum Total Inflow (cfs)	Lateral Inflow Volume (MG)	Total Inflow Volume (MG)	Flow Volume Difference (MG)	Total Surcharge Time (hrs)	Max.Surchar ge Height Above Crown	Min.Surchar ge Depth Below Rim (ft)	Total Flood Volume (MG)	Total Flood Time (hrs)	Maximum Flood Rate (cfs)	Max.Flood Day-Time (day-time)
246	☐	SWMH-F7-005	15.86	111.25	w Maximum	1.19	0 - 09:57 hrs	0.00	75.67	0.00	3.49	306.43	0.40	12.36	1.19	0.00	0.00	0.00	0 - 00:00 hrs
247	☐	SWMH-F7-006	15.95	111.82	w Maximum	2.95	0 - 09:57 hrs	17.18	75.67	0.61	3.49	198.05	0.39	12.45	2.95	0.00	0.00	0.00	0 - 00:00 hrs
248	☐	SWMH-F7-019	8.18	96.51	w Maximum	4.52	0 - 09:57 hrs	0.00	120.29	0.00	5.40	550.99	0.71	4.64	4.52	0.00	0.00	0.00	0 - 00:00 hrs
249	☐	SWMH-F7-020	5.59	93.83	w Maximum	3.56	0 - 09:57 hrs	0.00	120.24	0.00	5.42	628.04	0.53	1.89	3.56	0.00	0.00	0.00	0 - 00:00 hrs
250	☐	SWMH-F7-021	10.83	101.01	w Maximum	8.57	0 - 09:57 hrs	5.37	120.32	0.18	5.38	-51.84	0.38	7.26	8.57	0.00	0.00	0.00	0 - 00:00 hrs
251	☐	SWMH-F7-023	3.10	108.19	low Link Cro	14.38	0 - 09:59 hrs	0.00	111.83	0.00	20.23	682.54	0.00	0.00	0.00	0.00	0.00	0.00	0 - 00:00 hrs
252	☐	SWMH-F7-024	3.66	105.38	low Link Cro	14.59	0 - 10:00 hrs	0.00	111.74	0.00	20.22	962.36	0.00	0.00	0.00	0.00	0.00	0.00	0 - 00:00 hrs
253	☐	SWMH-F7-025	2.57	101.35	low Link Cro	7.05	0 - 10:00 hrs	0.00	111.61	0.00	20.21	906.42	0.00	0.00	0.00	0.00	0.00	0.00	0 - 00:00 hrs
254	☐	SWMH-F7-026	9.82	103.43	w Maximum	0.98	0 - 00:01 hrs	0.00	111.58	0.00	20.28	2,571.74	0.01	5.82	0.98	0.00	0.00	0.00	0 - 00:00 hrs
255	☐	SWMH-F7-027	10.76	103.93	Surcharged	0.00	0 - 00:00 hrs	0.00	31.87	0.00	0.34	640.49	47.98	8.76	0.00	0.00	0.00	15.98	0 - 00:00 hrs
256	☐	SWMH-F7-028	9.03	102.96	w Maximum	0.00	0 - 00:02 hrs	0.00	13.74	0.00	0.34	1,193.72	47.93	7.03	0.00	0.00	0.00	7.14	0 - 00:02 hrs
257	☐	SWMH-F7-029	1.96	97.33	low Link Cro	4.26	0 - 10:00 hrs	0.00	8.44	0.00	0.32	753.52	0.00	0.00	0.00	0.00	0.00	0.00	0 - 00:00 hrs
258	☐	SWMH-F8-011	1.23	97.91	low Link Cro	12.13	0 - 09:59 hrs	8.80	8.80	0.31	0.31	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0 - 00:00 hrs
259	☐	SWMH-G3-001	10.22	69.60	w Maximum	4.66	0 - 10:00 hrs	0.00	445.94	0.00	66.63	17,346.67	0.73	3.72	4.66	0.00	0.00	0.00	0 - 00:00 hrs
260	☐	SWMH-G3-002	9.76	71.96	w Maximum	7.02	0 - 10:00 hrs	0.00	451.72	0.00	66.67	3,644.31	0.66	3.26	7.02	0.00	0.00	0.00	0 - 00:00 hrs
261	☐	SWMH-G3-003	17.90	80.83	Surcharged	0.00	0 - 09:55 hrs	0.00	451.37	0.00	66.71	5,063.28	1.48	11.40	0.00	0.00	0.00	15.68	0 - 09:55 hrs
262	☐	SWMH-G3-004	11.17	77.08	Surcharged	0.00	0 - 09:52 hrs	0.00	161.04	0.00	18.12	0.00	5.54	6.67	0.00	0.00	0.05	6.61	0 - 09:52 hrs
263	☐	SWMH-G3-005	13.62	79.48	Surcharged	0.00	0 - 09:51 hrs	0.00	161.13	0.00	18.12	573.29	5.83	9.12	0.00	0.00	0.00	2.39	0 - 09:51 hrs
264	☐	SWMH-G3-007	11.20	65.01	Surcharged	0.00	0 - 09:57 hrs	0.00	61.16	0.00	2.48	-460.78	1.06	6.00	0.00	0.00	0.00	47.80	0 - 09:57 hrs
265	☐	SWMH-G3-008	11.10	68.19	w Maximum	0.00	0 - 10:00 hrs	54.73	55.83	2.46	2.47	984.33	0.34	6.05	0.00	0.00	0.00	25.52	0 - 10:00 hrs
266	☐	SWMH-G3-009	0.10	65.23	low Link Cro	10.65	0 - 10:00 hrs	0.00	7.59	0.00	0.00	19.12	0.00	0.00	0.00	0.00	0.00	0.00	0 - 00:00 hrs
267	☐	SWMH-G3-010	0.00	65.40	low Link Inve	10.54	0 - 00:00 hrs	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0 - 00:00 hrs
268	☐	SWMH-G3-011	10.04	77.60	w Maximum	0.00	0 - 09:53 hrs	0.00	161.47	0.00	38.17	208.55	1.95	5.54	0.00	0.00	0.00	33.37	0 - 09:53 hrs
269	☐	SWMH-G3-012	13.00	81.44	w Maximum	1.25	0 - 09:53 hrs	0.00	161.42	0.00	38.19	1,853.02	7.69	8.16	1.25	0.00	0.00	0.00	0 - 00:00 hrs
270	☐	SWMH-G3-013	12.40	81.53	Surcharged	0.00	0 - 09:53 hrs	0.00	161.35	0.00	38.20	1,648.02	7.63	7.90	0.00	0.00	0.00	0.11	0 - 09:53 hrs
271	☐	SWMH-G3-014	12.50	76.18	Surcharged	0.00	0 - 09:51 hrs	7.87	73.70	0.25	7.66	189.68	2.54	9.50	0.00	0.00	0.00	6.81	0 - 09:51 hrs
272	☐	SWMH-G3-015	11.95	76.94	Surcharged	0.00	0 - 09:51 hrs	22.17	70.41	0.88	7.55	713.43	2.53	8.95	0.00	0.13	0.35	22.22	0 - 09:59 hrs
273	☐	SWMH-G3-016	13.20	68.87	w Maximum	0.00	0 - 09:55 hrs	22.89	42.64	0.98	2.97	34.22	0.73	8.85	0.00	0.00	0.05	10.56	0 - 09:55 hrs
274	☐	SWMH-G3-017	11.30	70.39	w Maximum	0.00	0 - 09:55 hrs	0.00	26.81	0.00	1.98	193.75	0.63	8.80	0.00	0.00	0.00	9.54	0 - 09:55 hrs
275	☐	SWMH-G3-018	11.30	72.93	w Maximum	0.00	0 - 09:52 hrs	0.00	26.79	0.00	1.98	90.24	1.20	9.26	0.00	0.00	0.00	3.01	0 - 09:52 hrs
276	☐	SWMH-G3-019	11.26	73.70	w Maximum	0.00	0 - 09:55 hrs	0.00	26.82	0.00	1.99	55.70	1.26	9.26	0.00	0.00	0.00	0.21	0 - 09:56 hrs
277	☐	SWMH-G3-020	11.23	75.68	w Maximum	0.15	0 - 09:55 hrs	0.00	26.83	0.00	1.99	103.11	1.22	9.03	0.15	0.00	0.00	0.00	0 - 00:00 hrs
278	☐	SWMH-G3-021	11.10	77.05	Surcharged	0.00	0 - 09:52 hrs	48.59	48.59	2.15	2.15	0.00	1.27	9.10	0.00	0.16	0.37	30.35	0 - 09:59 hrs
279	☐	SWMH-G3-023	7.20	76.71	w Maximum	0.00	0 - 09:53 hrs	26.26	26.26	1.02	1.02	0.00	1.18	5.20	0.00	0.03	0.22	9.04	0 - 09:59 hrs
280	☐	SWMH-G3-027	1.68	72.45	low Link Cro	8.37	0 - 09:59 hrs	18.19	117.42	0.64	9.77	129.63	0.00	0.00	0.00	0.00	0.00	0.00	0 - 00:00 hrs
281	☐	SWMH-G3-028	10.80	75.81	w Maximum	0.00	0 - 09:52 hrs	18.92	334.24	0.68	56.97	4,171.74	1.90	4.00	0.00	0.00	0.00	23.39	0 - 09:52 hrs
282	☐	SWMH-G4-002	12.00	83.70	w Maximum	0.00	0 - 09:53 hrs	47.49	161.31	2.03	38.22	1,884.46	7.09	7.50	0.00	0.00	0.08	5.85	0 - 09:53 hrs
283	☐	SWMH-G4-004	11.32	85.75	w Maximum	1.48	0 - 09:56 hrs	0.00	137.17	0.00	36.20	984.59	6.01	6.61	1.48	0.00	0.00	0.00	0 - 00:00 hrs
284	☐	SWMH-G4-005	7.78	86.10	w Maximum	0.00	0 - 09:53 hrs	0.00	45.93	0.00	3.35	-574.70	1.81	2.67	0.00	0.09	0.34	35.25	0 - 09:53 hrs
285	☐	SWMH-G4-009	12.85	81.77	Surcharged	0.00	0 - 09:53 hrs	45.17	72.02	1.93	6.77	726.10	1.80	7.95	0.00	0.08	0.30	30.57	0 - 09:53 hrs
286	☐	SWMH-G4-010	11.80	83.81	w Maximum	1.06	0 - 09:53 hrs	0.00	49.52	0.00	4.83	108.52	1.95	8.53	1.06	0.00	0.00	0.00	0 - 00:00 hrs
287	☐	SWMH-G4-011	11.30	84.14	Surcharged	0.00	0 - 09:52 hrs	0.00	37.04	0.00	4.07	-20.93	1.83	8.20	0.00	0.00	0.00	9.50	0 - 09:52 hrs
288	☐	SWMH-G4-012	9.03	83.91	w Maximum	0.81	0 - 09:53 hrs	0.00	36.93	0.00	4.07	-76.57	1.91	6.53	0.81	0.00	0.00	0.00	0 - 00:00 hrs
289	☐	SWMH-G4-013	10.10	86.08	Surcharged	0.00	0 - 09:52 hrs	24.86	24.86	0.84	0.84	0.00	1.77	8.60	0.00	0.07	0.35	15.25	0 - 09:59 hrs
290	☐	SWMH-G4-014	5.90	88.76	Surcharged	0.00	0 - 09:56 hrs	32.00	66.90	1.26	3.46	154.58	1.13	2.40	0.00	0.10	0.29	35.92	0 - 09:56 hrs
291	☐	SWMH-G4-015	6.15	83.29	Surcharged	0.00	0 - 09:52 hrs	46.74	46.74	2.06	4.33	258.87	1.83	3.65	0.00	0.07	0.29	16.98	0 - 09:59 hrs
292	☐	SWMH-G4-016	9.00	82.99	w Maximum	0.00	0 - 09:53 hrs	0.00	17.41	0.00	0.00	0.00	1.36	6.75	0.00	0.00	0.01	16.53	0 - 09:53 hrs
293	☐	SWMH-G4-018	12.59	84.05	w Maximum	1.01	0 - 09:53 hrs	0.00	46.88	0.00	4.83	511.95	2.09	9.37	1.01	0.00	0.00	0.00	0 - 00:00 hrs
294	☐	SWMH-G4-019	7.10	93.00	w Maximum	0.00	0 - 09:55 hrs	0.00	35.18	0.00	2.54	-307.42	1.72	4.00	0.00	0.00	0.00	21.39	0 - 09:55 hrs

EXISTING CONDITIONS 20-YR 24-HR JUNCTIONS

		ID	Maximum Depth (ft)	Maximum HGL (ft)	Maximum HGL Head Class	Freeboard (ft)	Max.Depth Day-Time (day-time)	Maximum Lateral Inflow (cfs)	Maximum Total Inflow (cfs)	Lateral Inflow Volume (MG)	Total Inflow Volume (MG)	Flow Volume Difference (MG)	Total Surcharge Time (hrs)	Max.Surchar ge Height Above Ground	Min.Surchar ge Depth Below Rim (ft)	Total Flood Volume (MG)	Total Flood Time (hrs)	Maximum Flood Rate (cfs)	Max.Flood Day-Time (day-time)
295	☐	SWMH-G4-020	9.34	93.01	w Maximum	0.00	0 - 09:53 hrs	0.00	32.48	0.00	2.54	-357.08	2.06	6.34	0.00	0.00	0.00	25.53	0 - 09:53 hrs
296	☐	SWMH-G5-001	6.95	94.84	Surcharged	0.00	0 - 09:52 hrs	37.75	53.46	1.64	1.68	0.00	1.31	4.25	0.00	0.33	0.50	53.35	0 - 09:59 hrs
297	☐	SWMH-G5-002	5.65	91.57	Surcharged	0.00	0 - 09:56 hrs	0.00	42.25	0.00	2.21	257.78	0.78	2.65	0.00	0.01	0.14	26.27	0 - 09:56 hrs
298	☐	SWMH-G5-003	6.20	93.11	w Maximum	0.00	0 - 09:56 hrs	49.11	49.11	2.26	2.26	0.00	0.70	3.10	0.00	0.04	0.20	13.35	0 - 09:59 hrs
299	☐	SWMH-G5-005	5.10	93.34	Surcharged	0.00	0 - 09:55 hrs	0.00	35.48	0.00	2.54	57.88	1.11	2.00	0.00	0.00	0.00	11.08	0 - 09:55 hrs
300	☐	SWMH-G5-006	5.95	95.83	Surcharged	0.00	0 - 09:49 hrs	68.08	68.08	2.78	2.78	0.00	1.42	3.45	0.00	0.24	0.50	40.69	0 - 09:59 hrs
301	☐	SWMH-G5-009	4.76	92.63	Surcharged	0.00	0 - 09:55 hrs	0.00	36.82	0.00	2.54	601.28	1.18	1.76	0.00	0.00	0.02	11.54	0 - 09:55 hrs
302	☐	SWMH-G6-001	8.44	98.68	w Maximum	5.21	0 - 09:57 hrs	18.69	68.50	0.71	4.51	719.55	1.39	5.29	5.21	0.00	0.00	0.00	0 - 00:00 hrs
303	☐	SWMH-G6-002	10.46	101.19	w Maximum	2.64	0 - 09:57 hrs	0.00	51.01	0.00	3.80	243.21	0.04	1.57	2.64	0.00	0.00	0.00	0 - 00:00 hrs
304	☐	SWMH-G6-003	10.86	102.17	w Maximum	2.64	0 - 09:57 hrs	12.09	35.33	0.40	2.70	246.87	0.44	2.42	2.64	0.00	0.00	0.00	0 - 00:00 hrs
305	☐	SWMH-G6-004	8.10	101.49	Surcharged	0.00	0 - 09:51 hrs	21.13	36.83	0.80	2.42	-13.67	1.50	5.50	0.00	0.12	0.37	26.04	0 - 09:59 hrs
306	☐	SWMH-G6-005	6.10	104.45	w Maximum	0.00	0 - 09:52 hrs	0.00	20.72	0.00	1.62	209.26	1.29	4.10	0.00	0.00	0.00	6.69	0 - 09:52 hrs
307	☐	SWMH-G6-006	5.02	104.32	w Maximum	0.00	0 - 09:52 hrs	41.63	41.63	1.79	1.79	0.00	1.18	3.02	0.00	0.17	0.50	25.87	0 - 09:59 hrs
308	☐	SWMH-G6-007	5.30	103.63	Surcharged	0.00	0 - 09:57 hrs	0.00	27.21	0.00	1.11	34.13	0.04	3.30	0.00	0.00	0.00	3.44	0 - 09:57 hrs
309	☐	SWMH-G6-009	13.75	97.23	Surcharged	0.00	0 - 09:56 hrs	56.03	98.34	2.24	6.92	191.16	1.16	10.00	0.00	0.00	0.00	0.78	0 - 09:56 hrs
310	☐	SWMH-G6-010	12.89	97.31	w Maximum	1.31	0 - 09:56 hrs	0.00	58.90	0.00	4.69	125.85	1.05	9.38	1.31	0.00	0.00	0.00	0 - 00:00 hrs
311	☐	SWMH-G6-011	9.54	97.63	w Maximum	5.94	0 - 09:55 hrs	0.00	66.85	0.00	4.69	294.73	0.89	6.54	5.94	0.00	0.00	0.00	0 - 00:00 hrs
312	☐	SWMH-G6-012	8.40	96.94	Surcharged	0.00	0 - 09:55 hrs	0.00	66.82	0.00	4.69	50.42	1.00	5.20	0.00	0.00	0.03	5.37	0 - 09:55 hrs
313	☐	SWMH-G6-013	7.62	97.34	Surcharged	0.00	0 - 09:53 hrs	0.00	67.10	0.00	4.76	249.82	0.94	4.60	0.00	0.07	0.23	20.22	0 - 09:59 hrs
314	☐	SWMH-G6-014	10.05	101.35	w Maximum	0.00	0 - 09:52 hrs	35.73	67.09	1.49	4.77	532.86	1.40	6.95	0.00	0.00	0.06	5.99	0 - 09:52 hrs
315	☐	SWMH-G6-015	8.42	102.18	w Maximum	0.00	0 - 09:52 hrs	45.37	67.41	1.95	3.55	47.60	1.17	5.35	0.00	0.27	0.40	44.05	0 - 09:59 hrs
316	☐	SWMH-G6-016	7.52	104.84	w Maximum	0.00	0 - 09:52 hrs	9.21	30.52	0.30	1.65	199.14	1.08	5.23	0.00	0.05	0.33	10.83	0 - 09:52 hrs
317	☐	SWMH-G6-017	8.25	108.12	Surcharged	0.00	0 - 09:53 hrs	20.43	26.32	0.76	1.37	196.24	0.94	5.95	0.00	0.00	0.00	9.00	0 - 09:53 hrs
318	☐	SWMH-G6-022	7.78	95.29	Surcharged	0.00	0 - 09:52 hrs	33.85	33.85	1.42	2.78	-35.72	1.39	5.28	0.00	0.00	0.00	6.28	0 - 09:52 hrs
319	☐	SWMH-G6-023	10.27	101.96	w Maximum	2.98	0 - 09:57 hrs	0.00	32.70	0.00	2.69	0.00	1.70	7.77	2.98	0.00	0.00	0.00	0 - 00:00 hrs
320	☐	SWMH-G6-024	3.60	102.21	w Maximum	2.55	0 - 09:57 hrs	0.00	1.92	0.00	0.00	0.00	0.35	2.10	2.55	0.00	0.00	0.00	0 - 00:00 hrs
321	☐	SWMH-G7-001	11.61	104.70	w Maximum	8.59	0 - 09:57 hrs	0.00	75.95	0.00	3.49	156.98	0.36	8.11	8.59	0.00	0.00	0.00	0 - 00:00 hrs
322	☐	SWMH-G7-004	4.57	94.01	w Maximum	11.91	0 - 09:57 hrs	0.00	68.52	0.00	4.51	82.57	0.80	1.29	11.91	0.00	0.00	0.00	0 - 00:00 hrs
323	☐	SWMH-G7-005	4.55	70.65	w Maximum	3.30	0 - 10:04 hrs	33.46	68.10	1.22	3.03	77.42	0.28	0.94	3.30	0.00	0.00	0.00	0 - 00:00 hrs
324	☐	SWMH-G7-006	3.79	70.87	w Maximum	3.19	0 - 10:00 hrs	0.00	42.12	0.00	1.81	0.00	0.01	0.29	3.19	0.00	0.00	0.00	0 - 00:00 hrs
325	☐	SWMH-G7-007	4.79	71.75	w Maximum	2.51	0 - 09:59 hrs	0.00	42.99	0.00	1.81	130.27	0.17	1.29	2.51	0.00	0.00	0.00	0 - 00:00 hrs
326	☐	SWMH-G7-008	3.44	70.94	low Link Cro	3.86	0 - 10:00 hrs	0.00	47.16	0.00	1.81	87.64	0.00	0.00	0.00	0.00	0.00	0.00	0 - 00:00 hrs
327	☐	SWMH-G7-009	3.64	73.50	w Maximum	4.06	0 - 09:59 hrs	47.69	47.69	1.81	1.81	0.00	0.24	1.14	4.06	0.00	0.00	0.00	0 - 00:00 hrs
328	☐	SWMH-G7-034	8.69	76.22	w Maximum	0.00	0 - 09:55 hrs	0.00	35.71	0.00	2.29	-176.59	0.72	6.19	0.00	0.00	0.00	2.17	0 - 09:55 hrs
329	☐	SWMH-G7-035	4.28	78.81	low Link Cro	7.20	0 - 09:59 hrs	4.62	71.86	0.15	4.66	99.70	0.00	0.00	0.00	0.00	0.00	0.00	0 - 00:00 hrs
330	☐	SWMH-G7-036	4.36	76.82	w Maximum	5.64	0 - 09:59 hrs	0.00	72.04	0.00	4.66	138.27	0.49	1.11	5.64	0.00	0.00	0.00	0 - 00:00 hrs
331	☐	SWMH-G7-037	3.95	76.08	w Maximum	6.25	0 - 09:59 hrs	0.00	72.06	0.00	4.66	74.19	0.50	0.75	6.25	0.00	0.00	0.00	0 - 00:00 hrs
332	☐	SWMH-G7-038	1.88	82.93	low Link Cro	7.86	0 - 09:59 hrs	0.00	68.02	0.00	4.51	85.23	0.00	0.00	0.00	0.00	0.00	0.00	0 - 00:00 hrs
333	☐	SWMH-G7-039	2.61	89.98	low Link Cro	9.94	0 - 09:59 hrs	0.00	68.53	0.00	4.51	83.97	0.00	0.00	0.00	0.00	0.00	0.00	0 - 00:00 hrs
334	☐	SWMH-G7-040	2.67	73.73	low Link Cro	6.58	0 - 10:00 hrs	0.00	72.06	0.00	4.66	51.01	0.00	0.00	0.00	0.00	0.00	0.00	0 - 00:00 hrs
335	☐	SWMH-G7-046	8.26	90.55	w Maximum	1.49	0 - 09:59 hrs	0.00	20.25	0.00	1.43	349.32	0.27	6.00	1.49	0.00	0.00	0.00	0 - 00:00 hrs
336	☐	SWMH-G7-047	8.43	84.88	w Maximum	0.00	0 - 09:56 hrs	0.00	21.93	0.00	1.43	-101.72	0.51	5.87	0.00	0.00	0.00	5.62	0 - 09:56 hrs
337	☐	SWMH-G7-048	9.45	81.42	Surcharged	0.00	0 - 09:53 hrs	11.60	30.27	0.43	1.86	-18.41	0.73	6.95	0.00	0.01	0.14	5.03	0 - 09:53 hrs
338	☐	SWMH-G7-049	7.74	90.60	w Maximum	0.01	0 - 09:59 hrs	0.00	20.12	0.00	1.43	51.26	0.67	5.59	0.01	0.00	0.00	0.00	0 - 00:00 hrs
339	☐	SWMH-G7-050	7.10	90.78	w Maximum	0.03	0 - 09:59 hrs	0.00	20.12	0.00	1.43	116.21	0.74	4.89	0.03	0.00	0.00	0.00	0 - 00:00 hrs
340	☐	SWMH-G7-051	6.30	91.10	w Maximum	0.00	0 - 09:51 hrs	0.00	20.12	0.00	1.44	211.80	0.78	4.25	0.00	0.00	0.00	1.95	0 - 09:51 hrs
341	☐	SWMH-G7-052	6.80	92.06	Surcharged	0.00	0 - 09:51 hrs	0.00	20.12	0.00	1.44	-36.99	0.87	4.58	0.00	0.00	0.00	0.33	0 - 09:59 hrs
342	☐	SWMH-G7-053	7.22	93.72	Surcharged	0.00	0 - 09:51 hrs	39.94	39.94	1.52	1.52	0.00	0.89	5.22	0.00	0.08	0.31	20.74	0 - 09:59 hrs
343	☐	SWMH-G7-054	9.20	80.08	Surcharged	0.00	0 - 09:56 hrs	11.91	38.31	0.44	2.30	523.13	0.83	6.95	0.00	0.00	0.11	2.63	0 - 09:59 hrs

EXISTING CONDITIONS 20-YR 24-HR JUNCTIONS

		ID	Maximum Depth (ft)	Maximum HGL (ft)	Maximum HGL Head Class	Freeboard (ft)	Max.Depth Day-Time (day-time)	Maximum Lateral Inflow (cfs)	Maximum Total Inflow (cfs)	Lateral Inflow Volume (MG)	Total Inflow Volume (MG)	Flow Volume Difference (MG)	Total Surcharge Time (hrs)	Max.Surchar ge Height Above Crown	Min.Surchar ge Depth Below Rim (ft)	Total Flood Volume (MG)	Total Flood Time (hrs)	Maximum Flood Rate (cfs)	Max.Flood Day-Time (day-time)
344	☐	SWMH-G7-055	2.65	71.11	Flow Link Croy	4.95	0 - 10:00 hrs	0.00	47.66	0.00	1.81	38.64	0.00	0.00	0.00	0.00	0.00	0.00	0 - 00:00 hrs
345	☐	SWMH-G7-056	4.21	70.94	w Maximum	5.29	0 - 09:55 hrs	0.00	35.72	0.00	2.29	49.40	0.70	1.71	5.29	0.00	0.00	0.00	0 - 00:00 hrs
346	☐	SWMH-G8-001	8.52	108.14	w Maximum	0.00	0 - 09:48 hrs	0.00	21.63	0.00	2.32	55.89	2.24	6.30	0.00	0.01	0.35	1.49	0 - 10:03 hrs
347	☐	SWMH-G8-002	8.25	109.63	w Maximum	0.00	0 - 09:48 hrs	18.60	43.83	0.68	2.61	200.92	1.96	6.20	0.00	0.29	0.69	27.96	0 - 09:59 hrs
348	☐	SWMH-G8-003	9.82	112.68	w Maximum	0.00	0 - 09:48 hrs	47.70	47.70	2.04	2.04	0.00	1.80	7.82	0.00	0.11	0.37	22.39	0 - 09:59 hrs
349	☐	SWMH-G8-007	9.20	114.76	Surcharged	0.00	0 - 09:52 hrs	12.63	30.68	0.39	2.11	159.48	1.15	6.70	0.00	0.00	0.07	11.31	0 - 09:52 hrs
350	☐	SWMH-G8-008	7.97	116.55	Surcharged	0.00	0 - 09:51 hrs	13.18	26.06	0.45	1.80	288.82	1.22	5.85	0.00	0.08	0.43	13.44	0 - 09:59 hrs
351	☐	SWMH-G8-009	8.12	117.47	Surcharged	0.00	0 - 09:51 hrs	38.28	38.28	1.52	1.52	0.00	1.29	6.12	0.00	0.17	0.52	25.34	0 - 09:59 hrs
352	☐	SWMH-G8-033	8.25	119.48	Surcharged	0.00	0 - 09:56 hrs	5.10	5.10	0.16	0.16	0.00	0.35	6.75	0.00	0.00	0.01	2.61	0 - 09:56 hrs
353	☐	SWMH-G8-034	8.30	117.53	w Maximum	0.00	0 - 09:55 hrs	7.54	12.63	0.25	0.42	66.64	0.52	6.55	0.00	0.00	0.04	3.06	0 - 09:55 hrs
354	☐	SWMH-G8-035	1.64	108.87	Flow Link Croy	6.66	0 - 10:03 hrs	0.00	11.21	0.00	0.42	229.00	0.00	0.00	0.00	0.00	0.00	0.00	0 - 00:00 hrs
355	☐	SWMH-G8-036	5.67	106.13	w Maximum	2.73	0 - 10:00 hrs	0.00	10.17	0.00	0.41	-88.88	0.18	3.87	2.73	0.00	0.00	0.00	0 - 00:00 hrs
356	☐	SWMH-G8-062	7.95	109.58	w Maximum	0.00	0 - 09:52 hrs	4.19	27.57	0.13	2.24	16.75	1.23	5.70	0.00	0.02	0.29	6.03	0 - 09:52 hrs
357	☐	SWMH-H2-001	12.23	46.67	w Maximum	1.85	0 - 09:57 hrs	0.00	293.23	0.00	30.96	0.00	1.85	6.23	1.85	0.00	0.00	0.00	0 - 00:00 hrs
358	☐	SWMH-H2-002	11.18	47.64	w Maximum	6.36	0 - 10:03 hrs	45.27	465.73	1.82	68.65	6,292.08	0.26	4.18	6.36	0.00	0.00	0.00	0 - 00:00 hrs
359	☐	SWMH-H2-003	2.53	44.21	Flow Link Croy	16.29	0 - 10:03 hrs	0.00	425.85	0.00	66.54	782.49	0.00	0.00	0.00	0.00	0.00	0.00	0 - 00:00 hrs
360	☐	SWMH-H2-004	13.80	48.08	Surcharged	0.00	0 - 09:57 hrs	0.00	293.19	0.00	30.98	3,290.69	1.69	6.87	0.00	0.00	0.00	11.00	0 - 09:57 hrs
361	☐	SWMH-H3-001	8.16	61.95	w Maximum	4.46	0 - 10:03 hrs	0.00	440.14	0.00	66.51	-4,937.30	0.39	1.66	4.46	0.00	0.00	0.00	0 - 00:00 hrs
362	☐	SWMH-H3-002	11.50	62.36	Surcharged	0.00	0 - 09:57 hrs	42.77	208.83	1.85	17.45	1,771.22	1.66	5.75	0.00	0.05	0.13	23.63	0 - 10:00 hrs
363	☐	SWMH-H3-003	12.30	69.71	w Maximum	0.00	0 - 09:56 hrs	12.65	137.39	0.44	13.13	666.51	1.27	8.70	0.00	0.00	0.00	12.47	0 - 09:56 hrs
364	☐	SWMH-H3-004	13.30	73.96	Surcharged	0.00	0 - 09:55 hrs	0.00	117.80	0.00	11.62	1,086.00	1.37	7.25	0.00	0.00	0.00	24.11	0 - 09:55 hrs
365	☐	SWMH-H3-005	12.90	74.59	w Maximum	0.00	0 - 09:56 hrs	0.00	53.16	0.00	3.96	71.16	1.17	4.35	0.00	0.00	0.00	16.47	0 - 09:56 hrs
366	☐	SWMH-H3-007	17.00	53.26	w Maximum	0.00	0 - 09:57 hrs	0.00	285.20	0.00	24.40	1,714.56	1.19	10.50	0.00	0.00	0.00	35.69	0 - 09:57 hrs
367	☐	SWMH-H3-008	17.03	53.52	Surcharged	0.00	0 - 09:57 hrs	0.00	285.07	0.00	24.33	3,016.24	1.12	10.53	0.00	0.00	0.00	56.37	0 - 09:57 hrs
368	☐	SWMH-H3-009	5.95	49.01	w Maximum	5.55	0 - 10:30 hrs	0.00	99.54	0.00	5.64	-440.53	18.97	2.19	5.55	0.00	0.00	0.00	0 - 00:00 hrs
369	☐	SWMH-H3-010	6.53	49.79	w Maximum	4.17	0 - 09:52 hrs	0.00	99.51	0.00	5.63	-599.39	19.18	2.98	4.17	0.00	0.00	0.00	0 - 00:00 hrs
370	☐	SWMH-H3-011	7.41	51.00	w Maximum	3.39	0 - 09:52 hrs	0.00	99.48	0.00	5.63	-652.23	9.17	3.62	3.39	0.00	0.00	0.00	0 - 00:00 hrs
371	☐	SWMH-H3-012	7.51	51.96	w Maximum	3.99	0 - 09:52 hrs	0.00	99.48	0.00	5.61	-1,705.42	4.82	4.01	3.99	0.00	0.00	0.00	0 - 00:00 hrs
372	☐	SWMH-H3-013	13.52	59.10	w Maximum	0.00	0 - 09:52 hrs	0.00	99.50	0.00	5.60	-1,498.49	2.07	10.02	0.00	0.00	0.00	8.17	0 - 09:52 hrs
373	☐	SWMH-H3-014	12.11	58.14	w Maximum	2.31	0 - 09:52 hrs	0.00	99.49	0.00	5.59	-398.78	1.73	8.61	2.31	0.00	0.00	0.00	0 - 00:00 hrs
374	☐	SWMH-H3-015	14.97	61.69	w Maximum	1.81	0 - 09:57 hrs	40.24	99.48	1.66	5.60	131.20	1.55	11.47	1.81	0.00	0.00	0.00	0 - 00:00 hrs
375	☐	SWMH-H3-016	14.70	64.43	Surcharged	0.00	0 - 09:53 hrs	0.00	60.39	0.00	3.94	-46.80	1.17	12.20	0.00	0.00	0.00	11.22	0 - 09:53 hrs
376	☐	SWMH-H3-017	14.25	65.02	Surcharged	0.00	0 - 09:53 hrs	23.54	60.40	0.97	3.94	310.38	0.95	11.75	0.00	0.00	0.01	7.74	0 - 09:53 hrs
377	☐	SWMH-H3-018	11.10	74.34	Surcharged	0.00	0 - 09:49 hrs	0.00	35.77	0.00	3.03	246.56	2.45	8.60	0.00	0.05	0.37	8.26	0 - 10:03 hrs
378	☐	SWMH-H3-020	9.05	75.16	w Maximum	0.00	0 - 09:52 hrs	50.90	65.02	2.37	3.36	91.45	1.88	6.55	0.00	0.34	0.56	42.42	0 - 09:59 hrs
379	☐	SWMH-H3-025	7.64	70.32	w Maximum	0.00	0 - 09:57 hrs	26.76	26.76	1.07	1.07	0.00	0.58	5.39	0.00	0.00	0.00	6.21	0 - 09:57 hrs
380	☐	SWMH-H3-026	0.96	59.07	Flow Link Croy	8.14	0 - 09:55 hrs	0.00	17.79	0.00	3.22	68.09	0.00	0.00	0.00	0.00	0.00	0.00	0 - 00:00 hrs
381	☐	SWMH-H3-028	3.29	63.56	w Maximum	2.13	0 - 09:33 hrs	0.00	11.91	0.00	2.61	293.77	4.92	1.54	2.13	0.00	0.00	0.00	0 - 00:00 hrs
382	☐	SWMH-H3-029	3.98	65.68	w Maximum	1.12	0 - 11:22 hrs	0.00	11.90	0.00	2.61	84.15	4.71	2.01	1.12	0.00	0.00	0.00	0 - 00:00 hrs
383	☐	SWMH-H3-030	5.52	66.94	Surcharged	0.00	0 - 09:47 hrs	17.62	17.62	0.70	0.70	0.00	2.64	4.19	0.00	0.08	0.59	11.73	0 - 09:59 hrs
384	☐	SWMH-H3-031?	4.60	65.93	Surcharged	0.00	0 - 09:47 hrs	0.00	5.89	0.00	0.62	13.91	1.94	3.26	0.00	0.00	0.00	0.04	0 - 09:47 hrs
385	☐	SWMH-H3-032	4.07	64.91	w Maximum	0.03	0 - 09:47 hrs	0.00	5.89	0.00	0.62	75.35	1.53	2.74	0.03	0.00	0.00	0.00	0 - 00:00 hrs
386	☐	SWMH-H3-033	4.80	67.67	w Maximum	0.00	0 - 09:38 hrs	65.21	65.21	3.38	3.38	0.00	5.42	3.05	0.00	0.76	1.85	53.22	0 - 09:59 hrs
387	☐	SWMH-H4-001	5.00	77.95	Surcharged	0.00	0 - 09:51 hrs	0.00	25.53	0.00	0.76	13.81	2.14	2.75	0.00	0.28	0.72	25.53	0 - 09:59 hrs
388	☐	SWMH-H4-002	5.16	78.99	Surcharged	0.00	0 - 09:51 hrs	0.00	15.95	0.00	0.65	-25.76	1.60	1.55	0.00	0.00	0.00	13.94	0 - 09:51 hrs
389	☐	SWMH-H4-003	1.76	79.71	Flow Link Croy	1.80	0 - 09:59 hrs	16.79	16.79	0.65	0.65	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0 - 00:00 hrs
390	☐	SWMH-H4-004	5.04	78.12	Surcharged	0.00	0 - 09:51 hrs	36.73	42.85	1.67	1.70	0.00	2.31	3.04	0.00	0.35	0.71	42.79	0 - 09:59 hrs
391	☐	SWMH-H4-005	2.81	70.16	w Maximum	1.34	0 - 10:03 hrs	0.00	57.67	0.00	3.08	135.90	0.07	0.80	1.34	0.00	0.00	0.00	0 - 00:00 hrs
392	☐	SWMH-H4-006	4.47	75.80	w Maximum	1.07	0 - 10:00 hrs	9.65	24.06	0.37	1.34	120.47	0.27	2.47	1.07	0.00	0.00	0.00	0 - 00:00 hrs

EXISTING CONDITIONS 20-YR 24-HR JUNCTIONS

		ID	Maximum Depth (ft)	Maximum HGL (ft)	Maximum HGL Head Class	Freeboard (ft)	Max.Depth Day-Time (day-time)	Maximum Lateral Inflow (cfs)	Maximum Total Inflow (cfs)	Lateral Inflow Volume (MG)	Total Inflow Volume (MG)	Flow Volume Difference (MG)	Total Surcharge Time (hrs)	Max.Surchar ge Height Above Ground	Min.Surchar ge Depth Below Rim (ft)	Total Flood Volume (MG)	Total Flood Time (hrs)	Maximum Flood Rate (cfs)	Max.Flood Day-Time (day-time)
393	☐	SWMH-H4-007	4.54	76.03	w Maximum	1.10	0 - 10:00 hrs	0.00	14.45	0.00	0.97	2.74	0.21	2.54	1.10	0.00	0.00	0.00	0 - 00:00 hrs
394	☐	SWMH-H4-010	8.90	79.62	Surcharged	0.00	0 - 09:53 hrs	0.00	15.15	0.00	1.00	50.08	1.38	6.65	0.00	0.00	0.00	10.72	0 - 09:53 hrs
395	☐	SWMH-H4-012	5.25	78.18	w Maximum	0.00	0 - 09:51 hrs	47.38	47.38	2.25	4.07	591.16	2.10	3.00	0.00	0.02	0.21	14.19	0 - 09:51 hrs
396	☐	SWMH-H4-013	5.40	76.79	w Maximum	0.00	0 - 09:56 hrs	0.00	28.11	0.00	1.40	0.00	0.54	3.40	0.00	0.00	0.17	3.85	0 - 09:56 hrs
397	☐	SWMH-H4-014	5.73	77.10	w Maximum	0.00	0 - 09:56 hrs	33.87	33.87	1.41	1.41	26.69	0.66	3.73	0.00	0.01	0.17	5.77	0 - 09:59 hrs
398	☐	SWMH-H4-015	2.44	70.41	w Maximum	1.41	0 - 10:03 hrs	0.00	9.18	0.00	0.34	12.96	0.12	0.68	1.41	0.00	0.00	0.00	0 - 00:00 hrs
399	☐	SWMH-H4-016	2.67	70.21	w Maximum	1.01	0 - 10:03 hrs	0.00	8.88	0.00	0.34	10.99	0.18	0.92	1.01	0.00	0.00	0.00	0 - 00:00 hrs
400	☐	SWMH-H4-017	6.00	79.43	w Maximum	0.00	0 - 09:55 hrs	26.43	26.43	1.05	1.05	0.00	1.15	4.00	0.00	0.05	0.29	12.26	0 - 09:59 hrs
401	☐	SWMH-H4-018	8.30	80.25	w Maximum	0.00	0 - 09:53 hrs	0.00	15.85	0.00	1.00	270.37	1.25	6.00	0.00	0.00	0.00	9.63	0 - 09:53 hrs
402	☐	SWMH-H5-002	5.10	78.52	Surcharged	0.00	0 - 09:48 hrs	0.00	37.21	0.00	5.30	233.29	3.39	2.60	0.00	0.19	0.99	8.61	0 - 10:08 hrs
403	☐	SWMH-H5-003	5.55	80.20	w Maximum	0.00	0 - 09:48 hrs	57.75	85.64	2.70	5.86	229.21	2.97	3.05	0.00	0.55	0.93	49.56	0 - 09:59 hrs
404	☐	SWMH-H5-004	5.90	82.34	w Maximum	0.00	0 - 09:48 hrs	20.61	39.19	0.77	3.22	78.25	2.63	3.22	0.00	0.06	0.42	11.28	0 - 09:59 hrs
405	☐	SWMH-H5-005	6.30	87.07	Surcharged	0.00	0 - 09:51 hrs	20.78	27.47	0.83	2.34	279.85	2.78	4.20	0.00	0.06	0.47	11.48	0 - 09:59 hrs
406	☐	SWMH-H5-007	12.30	84.37	Surcharged	0.00	0 - 09:52 hrs	0.00	32.88	0.00	2.96	271.12	2.12	9.68	0.00	0.00	0.00	7.65	0 - 09:52 hrs
407	☐	SWMH-H5-008	8.48	82.36	w Maximum	0.00	0 - 09:52 hrs	35.91	49.93	1.48	3.15	105.95	1.75	4.20	0.00	0.20	0.48	35.23	0 - 09:59 hrs
408	☐	SWMH-H5-009	5.55	84.52	w Maximum	0.00	0 - 09:52 hrs	0.00	27.08	0.00	1.69	320.64	1.85	3.55	0.00	0.02	0.51	8.38	0 - 09:52 hrs
409	☐	SWMH-H5-010	6.29	86.56	w Maximum	0.01	0 - 09:51 hrs	0.00	27.02	0.00	1.97	45.34	1.75	3.64	0.01	0.00	0.00	0.00	0 - 00:00 hrs
410	☐	SWMH-H5-012	9.96	91.10	Surcharged	-5.00	0 - 09:41 hrs	58.80	58.80	3.08	3.08	0.00	5.98	8.21	0.00	0.61	1.40	46.38	0 - 09:59 hrs
411	☐	SWMH-H6-001	7.84	83.62	w Maximum	4.51	0 - 09:56 hrs	23.70	130.77	0.93	8.51	1,047.55	1.04	4.21	4.51	0.00	0.00	0.00	0 - 00:00 hrs
412	☐	SWMH-H6-002	10.90	89.56	Surcharged	0.00	0 - 09:56 hrs	0.00	110.36	0.00	7.53	295.32	0.94	7.33	0.00	0.00	0.00	24.57	0 - 09:56 hrs
413	☐	SWMH-H6-003	11.44	92.65	w Maximum	0.00	0 - 09:56 hrs	0.00	110.52	0.00	7.53	347.39	0.80	7.75	0.00	0.00	0.00	1.02	0 - 09:56 hrs
414	☐	SWMH-H6-004	13.30	95.35	w Maximum	0.00	0 - 09:56 hrs	16.36	110.55	0.61	7.54	571.45	1.08	9.50	0.00	0.00	0.00	0.17	0 - 09:56 hrs
415	☐	SWMH-H6-006	3.77	86.01	w Maximum	6.93	0 - 09:59 hrs	0.00	52.99	0.00	4.15	24.50	0.77	1.27	6.93	0.00	0.00	0.00	0 - 00:00 hrs
416	☐	SWMH-H6-009	9.31	90.43	w Maximum	0.00	0 - 09:56 hrs	13.31	13.31	0.46	0.46	0.00	0.36	7.56	0.00	0.00	0.04	1.76	0 - 09:59 hrs
417	☐	SWMH-H6-010	9.48	88.79	Surcharged	0.00	0 - 09:56 hrs	0.00	11.86	0.00	0.46	226.44	0.43	7.50	0.00	0.00	0.00	3.61	0 - 09:56 hrs
418	☐	SWMH-H7-001	8.23	67.94	Surcharged	0.00	0 - 09:59 hrs	26.96	87.78	0.95	4.40	658.28	0.54	4.23	0.00	0.00	0.00	4.43	0 - 09:59 hrs
419	☐	SWMH-H7-002	8.80	68.28	Surcharged	0.00	0 - 10:00 hrs	0.00	82.19	0.00	3.43	-112.55	0.42	3.48	0.00	0.00	0.00	18.91	0 - 10:00 hrs
420	☐	SWMH-H7-003	5.99	68.22	w Maximum	2.81	0 - 10:04 hrs	12.42	79.72	0.42	3.45	152.92	0.25	1.99	2.81	0.00	0.00	0.00	0 - 00:00 hrs
421	☐	SWMH-H7-004	5.97	68.75	w Maximum	1.67	0 - 10:04 hrs	0.00	69.05	0.00	3.02	71.13	0.12	1.97	1.67	0.00	0.00	0.00	0 - 00:00 hrs
422	☐	SWMH-H7-005	4.49	67.87	w Maximum	3.21	0 - 10:03 hrs	0.00	68.00	0.00	3.02	77.18	0.03	0.49	3.21	0.00	0.00	0.00	0 - 00:00 hrs
423	☐	SWMH-H7-006	3.94	67.71	low Link Cro	3.86	0 - 10:06 hrs	0.00	67.93	0.00	3.03	138.43	0.00	0.00	0.00	0.00	0.00	0.00	0 - 00:00 hrs
424	☐	SWMH-H7-007	4.62	68.68	w Maximum	3.28	0 - 10:04 hrs	0.00	68.09	0.00	3.03	107.90	0.14	1.12	3.28	0.00	0.00	0.00	0 - 00:00 hrs
425	☐	SWMH-H7-008	4.68	69.71	w Maximum	3.32	0 - 10:04 hrs	0.00	68.52	0.00	3.03	-22.54	0.00	1.17	3.32	0.00	0.00	0.00	0 - 00:00 hrs
426	☐	SWMH-H7-009	4.80	70.14	w Maximum	3.53	0 - 10:04 hrs	0.00	68.20	0.00	3.03	389.82	0.26	1.17	3.53	0.00	0.00	0.00	0 - 00:00 hrs
427	☐	SWMH-H7-011	3.14	68.22	w Maximum	5.51	0 - 00:02 hrs	0.00	36.24	0.00	2.31	422.82	0.02	0.49	5.51	0.00	0.00	0.00	0 - 00:00 hrs
428	☐	SWMH-H7-012	2.74	68.30	low Link Cro	5.76	0 - 09:57 hrs	0.00	35.71	0.00	2.30	604.06	0.00	0.00	0.00	0.00	0.00	0.00	0 - 00:00 hrs
429	☐	SWMH-H7-013	10.55	72.59	Surcharged	0.00	0 - 09:51 hrs	28.35	28.35	1.13	1.13	0.00	1.37	8.45	0.00	0.05	0.31	11.57	0 - 09:59 hrs
430	☐	SWMH-H7-014	8.40	69.85	w Maximum	0.00	0 - 09:51 hrs	0.00	23.94	0.00	1.54	34.16	1.25	6.25	0.00	0.00	0.03	2.72	0 - 09:51 hrs
431	☐	SWMH-H7-015	7.97	67.16	w Maximum	0.24	0 - 10:02 hrs	0.00	23.94	0.00	1.55	490.57	2.08	5.97	0.24	0.00	0.00	0.00	0 - 00:00 hrs
432	☐	SWMH-H7-016	0.61	59.47	low Link Cro	5.59	0 - 09:59 hrs	1.69	1.69	0.05	0.05	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0 - 00:00 hrs
433	☐	SWMH-H7-017	1.58	60.31	low Link Cro	6.12	0 - 09:59 hrs	17.29	17.29	0.64	0.64	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0 - 00:00 hrs
434	☐	SWMH-H7-020	6.06	64.38	w Maximum	1.94	0 - 10:02 hrs	0.00	109.63	0.00	6.05	1,204.46	0.59	2.06	1.94	0.00	0.00	0.00	0 - 00:00 hrs
435	☐	SWMH-H7-021	10.20	72.29	w Maximum	0.00	0 - 09:52 hrs	14.35	31.09	0.50	1.58	175.18	1.36	8.20	0.00	0.04	0.33	8.26	0 - 09:59 hrs
436	☐	SWMH-H7-069	5.87	61.83	w Maximum	3.83	0 - 00:00 hrs	0.00	41.93	0.00	1.20	1,068.05	0.01	2.81	3.83	0.00	0.00	0.00	0 - 00:00 hrs
437	☐	SWMH-H7-070	7.20	66.17	w Maximum	1.05	0 - 10:02 hrs	0.00	87.72	0.00	4.42	689.26	0.59	3.19	1.05	0.00	0.00	0.00	0 - 00:00 hrs
438	☐	SWMH-H7-071	7.15	65.65	w Maximum	1.31	0 - 09:59 hrs	0.00	87.82	0.00	4.46	1,628.57	0.67	3.15	1.31	0.00	0.00	0.00	0 - 00:00 hrs
439	☐	SWMH-H7-072	5.58	63.44	w Maximum	2.12	0 - 10:02 hrs	0.00	109.70	0.00	6.07	1,706.99	0.46	1.58	2.12	0.00	0.00	0.00	0 - 00:00 hrs
440	☐	SWMH-H7-073	6.01	65.78	w Maximum	4.14	0 - 09:57 hrs	0.00	23.81	0.00	0.93	82.56	0.35	3.76	4.14	0.00	0.00	0.00	0 - 00:00 hrs
441	☐	SWMH-H7-074	3.78	62.41	w Maximum	3.52	0 - 09:57 hrs	0.00	23.82	0.00	0.93	51.39	0.25	1.68	3.52	0.00	0.00	0.00	0 - 00:00 hrs

EXISTING CONDITIONS 20-YR 24-HR JUNCTIONS

		ID	Maximum Depth (ft)	Maximum HGL (ft)	Maximum HGL Head Class	Freeboard (ft)	Max.Depth Day-Time (day-time)	Maximum Lateral Inflow (cfs)	Maximum Total Inflow (cfs)	Lateral Inflow Volume (MG)	Total Inflow Volume (MG)	Flow Volume Difference (MG)	Total Surcharge Time (hrs)	Max.Surchar ge Height Above Ground (ft)	Min.Surchar ge Depth Below Rim (ft)	Total Flood Volume (MG)	Total Flood Time (hrs)	Maximum Flood Rate (cfs)	Max.Flood Day-Time (day-time)
442	☐	SWMH-H7-075	2.52	59.50	Flow Link Cross	4.98	0 - 09:59 hrs	0.00	30.33	0.00	1.20	1,188.85	0.00	0.00	0.00	0.00	0.00	0.00	0 - 00:00 hrs
443	☐	SWMH-H7-076	3.13	60.69	w Maximum	2.44	0 - 09:59 hrs	0.00	23.84	0.00	0.94	196.35	0.34	1.12	2.44	0.00	0.00	0.00	0 - 00:00 hrs
444	☐	SWMH-H7-077	2.21	60.50	w Maximum	3.24	0 - 09:59 hrs	6.49	6.49	0.23	0.23	0.00	0.32	0.96	3.24	0.00	0.00	0.00	0 - 00:00 hrs
445	☐	SWMH-H7-083	6.43	67.03	w Maximum	3.47	0 - 09:57 hrs	0.00	23.81	0.00	0.93	2.15	0.30	4.13	3.47	0.00	0.00	0.00	0 - 00:00 hrs
446	☐	SWMH-H7-084	7.78	68.75	w Maximum	2.67	0 - 09:57 hrs	23.80	23.80	0.93	0.93	0.00	0.52	5.78	2.67	0.00	0.00	0.00	0 - 00:00 hrs
447	☐	SWMH-H8-001	8.42	72.16	w Maximum	9.84	0 - 09:56 hrs	28.41	116.18	1.11	6.69	92.92	0.41	5.92	9.84	0.00	0.00	0.00	0 - 00:00 hrs
448	☐	SWMH-H8-002	9.13	88.73	w Maximum	3.29	0 - 09:57 hrs	0.00	58.55	0.00	4.32	103.24	0.21	6.36	3.29	0.00	0.00	0.00	0 - 00:00 hrs
449	☐	SWMH-H8-003	9.15	89.08	w Maximum	2.65	0 - 09:57 hrs	0.00	58.52	0.00	4.32	32.29	0.74	6.31	2.65	0.00	0.00	0.00	0 - 00:00 hrs
450	☐	SWMH-H8-004	10.55	91.93	w Maximum	1.87	0 - 09:57 hrs	5.96	58.51	0.18	4.32	143.05	0.91	7.32	1.87	0.00	0.00	0.00	0 - 00:00 hrs
451	☐	SWMH-H8-005	11.60	99.20	w Maximum	0.80	0 - 09:57 hrs	6.51	43.47	0.20	3.83	3.32	1.35	9.30	0.80	0.00	0.00	0.00	0 - 00:00 hrs
452	☐	SWMH-H8-006	10.70	102.01	Surcharged	0.00	0 - 09:52 hrs	8.20	37.74	0.26	3.63	91.25	1.08	8.45	0.00	0.00	0.00	3.66	0 - 09:52 hrs
453	☐	SWMH-H8-007	10.25	103.82	w Maximum	0.00	0 - 09:57 hrs	10.83	33.88	0.36	3.37	165.29	1.39	8.00	0.00	0.00	0.01	0.73	0 - 09:57 hrs
454	☐	SWMH-H8-008	10.28	104.83	w Maximum	0.17	0 - 09:57 hrs	0.00	28.94	0.00	3.01	57.54	1.70	8.03	0.17	0.00	0.00	0.00	0 - 00:00 hrs
455	☐	SWMH-H8-009	10.30	107.04	w Maximum	0.00	0 - 09:52 hrs	20.21	28.93	0.77	3.01	201.79	2.10	8.15	0.00	0.00	0.00	0.58	0 - 09:52 hrs
456	☐	SWMH-H8-010	9.00	107.56	w Maximum	0.00	0 - 09:48 hrs	0.00	21.61	0.00	2.31	33.18	1.75	6.10	0.00	0.00	0.00	3.01	0 - 09:48 hrs
457	☐	SWMH-H8-011	10.00	96.91	w Maximum	0.00	0 - 09:53 hrs	47.14	67.91	1.93	5.64	168.86	1.02	7.40	0.00	0.00	0.01	7.72	0 - 09:53 hrs
458	☐	SWMH-H8-013	10.06	100.11	w Maximum	0.24	0 - 09:53 hrs	5.16	36.76	0.17	3.31	267.81	2.01	7.81	0.24	0.00	0.00	0.00	0 - 00:00 hrs
459	☐	SWMH-H8-014	8.25	99.93	Surcharged	0.00	0 - 09:48 hrs	0.00	41.65	0.00	3.35	68.19	1.83	6.10	0.00	0.21	0.53	25.49	0 - 09:59 hrs
460	☐	SWMH-H8-015	9.65	105.73	Surcharged	0.00	0 - 09:51 hrs	30.43	53.38	1.18	3.39	34.78	1.40	7.38	0.00	0.04	0.27	11.68	0 - 09:59 hrs
461	☐	SWMH-H8-023	4.76	80.20	w Maximum	5.29	0 - 10:00 hrs	28.33	93.79	1.05	5.59	60.00	0.14	2.01	5.29	0.00	0.00	0.00	0 - 00:00 hrs
462	☐	SWMH-H8-024	0.92	85.93	Flow Link Cross	7.98	0 - 09:59 hrs	7.47	7.47	0.21	0.21	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0 - 00:00 hrs
463	☐	SWMH-H8-026	9.30	105.02	Surcharged	0.00	0 - 09:57 hrs	9.72	9.72	0.32	0.32	0.00	0.11	8.05	0.00	0.00	0.00	0.63	0 - 09:57 hrs
464	☐	SWMH-H8-027	9.40	98.63	w Maximum	0.00	0 - 09:57 hrs	0.00	9.72	0.00	0.32	0.44	0.24	7.75	0.00	0.00	0.00	0.04	0 - 09:57 hrs
465	☐	SWMH-H8-028	10.78	95.31	w Maximum	2.42	0 - 09:57 hrs	0.00	43.46	0.00	3.83	72.56	1.44	8.53	2.42	0.00	0.00	0.00	0 - 00:00 hrs
466	☐	SWMH-H8-035	7.90	85.08	Surcharged	0.00	0 - 09:59 hrs	0.00	2.15	0.00	0.00	0.00	0.10	6.65	0.00	0.00	0.00	1.36	0 - 09:59 hrs
467	☐	SWMH-H8-062	6.48	64.27	w Maximum	5.12	0 - 09:59 hrs	0.00	154.45	0.00	14.98	191.11	0.27	2.47	5.12	0.00	0.00	0.00	0 - 00:00 hrs
468	☐	SWMH-H8-063	11.20	71.47	Surcharged	0.00	0 - 09:59 hrs	0.00	153.42	0.00	14.97	219.00	0.06	4.90	0.00	0.00	0.00	2.49	0 - 09:59 hrs
469	☐	SWMH-H8-064	8.30	67.12	Surcharged	0.00	0 - 09:59 hrs	0.00	154.46	0.00	14.97	440.46	0.40	4.30	0.00	0.00	0.00	2.18	0 - 09:59 hrs
470	☐	SWMH-H8-065	7.90	85.31	w Maximum	0.00	0 - 10:00 hrs	0.00	7.20	0.00	0.21	-47.25	0.15	6.55	0.00	0.00	0.00	1.23	0 - 10:00 hrs
471	☐	SWMH-H8-067	9.30	96.92	w Maximum	0.00	0 - 09:53 hrs	0.00	36.76	0.00	3.31	57.17	1.10	6.63	0.00	0.02	0.16	9.44	0 - 09:59 hrs
472	☐	SWMH-H9-001	1.96	93.95	Flow Link Cross	14.24	0 - 09:56 hrs	0.00	38.59	0.00	1.98	783.86	0.00	0.00	0.00	0.00	0.00	0.00	0 - 00:00 hrs
473	☐	SWMH-H9-002	1.86	93.61	Flow Link Cross	15.00	0 - 10:07 hrs	0.00	38.75	0.00	1.97	-555.24	0.00	0.00	0.00	0.00	0.00	0.00	0 - 00:00 hrs
474	☐	SWMH-H9-003	8.25	86.49	w Maximum	0.00	0 - 09:53 hrs	0.00	67.73	0.00	5.63	44.63	0.84	5.35	0.00	0.00	0.00	3.27	0 - 09:53 hrs
475	☐	SWMH-H9-005	6.01	111.37	w Maximum	2.01	0 - 10:06 hrs	0.00	38.59	0.00	1.98	92.19	0.68	4.01	2.01	0.00	0.00	0.00	0 - 00:00 hrs
476	☐	SWMH-H9-006	5.24	109.38	w Maximum	2.66	0 - 10:03 hrs	0.00	38.61	0.00	1.98	16.49	0.74	3.04	2.66	0.00	0.00	0.00	0 - 00:00 hrs
477	☐	SWMH-H9-007	5.01	77.48	w Maximum	4.29	0 - 09:53 hrs	0.00	67.73	0.00	5.63	94.17	1.01	2.51	4.29	0.00	0.00	0.00	0 - 00:00 hrs
478	☐	SWMH-I2-001	11.00	42.94	Surcharged	0.00	0 - 00:00 hrs	41.77	386.12	1.95	35.50	9,193.85	8.58	5.00	0.00	0.01	0.00	189.75	0 - 00:00 hrs
479	☐	SWMH-I2-002	10.62	44.26	w Maximum	2.88	0 - 09:57 hrs	51.60	344.71	2.46	33.50	8,204.15	1.88	4.62	2.88	0.00	0.00	0.00	0 - 00:00 hrs
480	☐	SWMH-I2-003	10.85	42.24	Surcharged	0.00	0 - 00:01 hrs	14.11	488.44	0.57	69.70	19,878.41	12.85	3.85	0.00	0.03	0.00	422.03	0 - 00:01 hrs
481	☐	SWMH-I3-002	6.87	43.25	w Maximum	0.49	0 - 09:56 hrs	0.00	12.12	0.00	0.03	-78.74	0.80	4.37	0.49	0.00	0.00	0.00	0 - 00:00 hrs
482	☐	SWMH-I3-003	7.50	45.44	w Maximum	0.00	0 - 09:56 hrs	0.00	12.11	0.00	0.01	-29.65	0.40	5.00	0.00	0.00	0.00	7.74	0 - 09:56 hrs
483	☐	SWMH-I3-004	0.00	48.44	Flow Link Invert	11.56	0 - 00:00 hrs	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0 - 00:00 hrs
484	☐	SWMH-I3-010	12.81	46.40	w Maximum	3.87	0 - 09:59 hrs	33.33	122.79	1.35	6.25	1,713.41	0.99	7.20	3.87	0.00	0.00	0.00	0 - 00:00 hrs
485	☐	SWMH-I4-001	1.35	70.00	Flow Link Cross	4.85	0 - 09:59 hrs	0.00	35.74	0.00	4.42	147.07	0.00	0.00	0.00	0.00	0.00	0.00	0 - 00:00 hrs
486	☐	SWMH-I4-002	5.72	75.74	w Maximum	1.30	0 - 09:47 hrs	0.00	35.76	0.00	4.42	565.63	2.91	3.22	1.30	0.00	0.00	0.00	0 - 00:00 hrs
487	☐	SWMH-I4-003	7.05	77.95	w Maximum	0.00	0 - 09:55 hrs	33.07	42.15	1.53	4.46	385.93	3.01	4.55	0.00	0.00	0.06	0.63	0 - 09:59 hrs
488	☐	SWMH-I4-004	6.35	77.71	w Maximum	0.00	0 - 09:51 hrs	0.00	5.91	0.00	0.04	0.00	3.05	4.35	0.00	0.03	0.27	5.91	0 - 10:03 hrs
489	☐	SWMH-I4-005	9.33	42.89	w Maximum	0.93	0 - 09:59 hrs	62.23	236.13	3.10	13.29	4,232.99	0.70	3.67	0.93	0.00	0.00	0.00	0 - 00:00 hrs
490	☐	SWMH-I4-007	12.63	51.82	w Maximum	3.09	0 - 09:59 hrs	0.00	93.75	0.00	4.87	159.64	0.75	8.80	3.09	0.00	0.00	0.00	0 - 00:00 hrs

EXISTING CONDITIONS 20-YR 24-HR JUNCTIONS

		ID	Maximum Depth (ft)	Maximum HGL (ft)	Maximum HGL Head Class	Freeboard (ft)	Max.Depth Day-Time (day-time)	Maximum Lateral Inflow (cfs)	Maximum Total Inflow (cfs)	Lateral Inflow Volume (MG)	Total Inflow Volume (MG)	Flow Volume Difference (MG)	Total Surcharge Time (hrs)	Max.Surchar ge Height Above Crown	Min.Surchar ge Depth Below Rim (ft)	Total Flood Volume (MG)	Total Flood Time (hrs)	Maximum Flood Rate (cfs)	Max.Flood Day-Time (day-time)
491	☐	SWMH-I4-008	11.32	53.49	Surcharged	0.00	0 - 09:56 hrs	0.00	95.87	0.00	4.87	-367.20	0.54	7.50	0.00	0.01	0.10	22.81	0 - 09:56 hrs
492	☐	SWMH-I4-010	15.40	66.16	w Maximum	0.00	0 - 09:59 hrs	22.19	98.58	0.84	4.89	854.07	0.37	11.39	0.00	0.00	0.00	16.07	0 - 09:59 hrs
493	☐	SWMH-I4-011	7.67	67.00	w Maximum	0.00	0 - 09:59 hrs	22.92	50.81	0.97	2.50	-37.16	0.31	5.17	0.00	0.00	0.00	10.46	0 - 09:59 hrs
494	☐	SWMH-I4-012	11.18	45.42	w Maximum	4.02	0 - 09:59 hrs	0.00	174.23	0.00	10.12	3,406.88	0.94	6.18	4.02	0.00	0.00	0.00	0 - 00:00 hrs
495	☐	SWMH-I4-013	11.47	45.80	w Maximum	4.88	0 - 09:59 hrs	0.00	122.82	0.00	6.29	1,813.34	0.94	6.47	4.88	0.00	0.00	0.00	0 - 00:00 hrs
496	☐	SWMH-I4-014	13.60	50.07	Surcharged	0.00	0 - 09:53 hrs	23.48	53.14	0.96	3.80	117.14	1.39	11.40	0.00	0.00	0.00	12.42	0 - 09:53 hrs
497	☐	SWMH-I4-015	12.95	63.49	w Maximum	0.00	0 - 09:52 hrs	57.79	57.79	3.01	3.01	0.00	1.19	10.95	0.00	0.16	0.40	28.09	0 - 10:03 hrs
498	☐	SWMH-I4-019	14.05	61.40	w Maximum	0.50	0 - 09:53 hrs	0.00	34.79	0.00	2.84	233.26	1.24	12.04	0.50	0.00	0.00	0.00	0 - 00:00 hrs
499	☐	SWMH-I4-023	7.91	67.54	w Maximum	0.46	0 - 10:00 hrs	0.00	32.72	0.00	1.55	-12.31	0.19	5.40	0.46	0.00	0.00	0.00	0 - 00:00 hrs
500	☐	SWMH-I5-001	6.45	58.56	w Maximum	0.00	0 - 09:52 hrs	0.00	77.77	0.00	11.01	256.28	2.10	3.30	0.00	0.00	0.00	10.00	0 - 09:52 hrs
501	☐	SWMH-I5-002	6.06	62.77	w Maximum	0.00	0 - 09:52 hrs	16.80	89.58	0.68	11.12	540.68	1.84	3.06	0.00	0.11	0.56	15.50	0 - 09:59 hrs
502	☐	SWMH-I5-003	10.60	71.44	Surcharged	0.00	0 - 09:53 hrs	0.00	35.74	0.00	4.42	46.83	1.24	7.80	0.00	0.00	0.00	6.02	0 - 09:53 hrs
503	☐	SWMH-I5-005	5.82	71.94	w Maximum	0.01	0 - 09:52 hrs	0.00	44.89	0.00	6.03	276.51	2.23	3.32	0.01	0.00	0.00	0.00	0 - 00:00 hrs
504	☐	SWMH-I5-006	5.40	74.12	Surcharged	0.00	0 - 09:52 hrs	24.62	52.04	1.03	6.14	521.78	2.14	2.90	0.00	0.10	0.55	14.98	0 - 09:59 hrs
505	☐	SWMH-I5-007	5.72	77.63	Surcharged	0.00	0 - 09:52 hrs	0.00	37.28	0.00	5.11	63.16	2.12	2.88	0.00	0.00	0.00	5.72	0 - 09:52 hrs
506	☐	SWMH-I5-008	5.30	78.08	Surcharged	0.00	0 - 09:52 hrs	0.00	37.22	0.00	5.11	266.71	2.77	2.80	0.00	0.00	0.00	0.36	0 - 09:52 hrs
507	☐	SWMH-I5-009	9.10	50.43	w Maximum	0.00	0 - 00:03 hrs	0.00	52.91	0.00	4.44	2,418.20	47.45	6.55	0.00	0.00	0.00	18.63	0 - 00:03 hrs
508	☐	SWMH-I5-010	1.55	68.73	low Link Cro	11.35	0 - 09:59 hrs	0.00	53.01	0.00	4.41	187.76	0.00	0.00	0.00	0.00	0.00	0.00	0 - 00:00 hrs
509	☐	SWMH-I5-011	7.63	75.82	w Maximum	6.12	0 - 09:53 hrs	0.00	53.02	0.00	4.41	120.19	2.31	4.98	6.12	0.00	0.00	0.00	0 - 00:00 hrs
510	☐	SWMH-I5-012	13.40	83.66	w Maximum	0.00	0 - 09:53 hrs	26.87	53.89	1.00	4.41	296.48	0.94	7.45	0.00	0.00	0.00	9.90	0 - 09:53 hrs
511	☐	SWMH-I5-013	5.65	76.72	Surcharged	0.00	0 - 09:51 hrs	0.00	37.32	0.00	5.11	-107.83	2.06	3.15	0.00	0.00	0.00	2.42	0 - 09:51 hrs
512	☐	SWMH-I8-001	9.52	92.62	w Maximum	0.28	0 - 10:00 hrs	16.31	115.21	0.58	10.79	-49.76	0.90	5.47	0.28	0.00	0.00	0.00	0 - 00:00 hrs
513	☐	SWMH-I8-002	10.35	98.60	Surcharged	0.00	0 - 09:57 hrs	18.02	95.94	0.67	9.00	461.87	0.66	5.60	0.00	0.00	0.01	26.45	0 - 09:57 hrs
514	☐	SWMH-I8-003	14.05	104.83	Surcharged	0.00	0 - 09:59 hrs	27.27	85.13	1.09	8.35	623.24	0.56	10.05	0.00	0.00	0.00	30.28	0 - 09:59 hrs
515	☐	SWMH-I8-004	13.76	107.38	w Maximum	0.00	0 - 10:00 hrs	0.00	62.28	0.00	7.26	406.05	0.48	10.26	0.00	0.00	0.00	18.65	0 - 10:00 hrs
516	☐	SWMH-I8-005	4.38	101.24	low Link Cro	4.74	0 - 10:02 hrs	0.00	12.66	0.00	0.66	0.13	0.00	0.00	0.00	0.00	0.00	0.00	0 - 00:00 hrs
517	☐	SWMH-I8-006	8.85	58.19	Surcharged	0.00	0 - 00:00 hrs	0.00	58.45	0.00	1.56	1,410.11	47.98	5.85	0.00	0.00	0.00	44.26	0 - 00:00 hrs
518	☐	SWMH-I8-007	1.11	93.55	low Link Cro	6.59	0 - 09:59 hrs	3.11	30.49	0.10	1.56	45.29	0.00	0.00	0.00	0.00	0.00	0.00	0 - 00:00 hrs
519	☐	SWMH-I8-008	6.05	100.69	w Maximum	1.45	0 - 09:55 hrs	11.56	27.38	0.40	1.46	56.21	0.76	3.95	1.45	0.00	0.00	0.00	0 - 00:00 hrs
520	☐	SWMH-I8-009	8.40	105.86	Surcharged	0.00	0 - 09:55 hrs	0.00	17.53	0.00	1.06	125.95	0.58	6.40	0.00	0.00	0.00	1.37	0 - 09:55 hrs
521	☐	SWMH-I8-010	8.15	107.23	Surcharged	0.00	0 - 09:55 hrs	0.00	17.52	0.00	1.06	28.76	1.20	6.15	0.00	0.00	0.00	0.65	0 - 09:55 hrs
522	☐	SWMH-I8-011	6.81	107.12	Surcharged	0.00	0 - 09:51 hrs	28.07	28.07	1.10	1.10	0.00	1.09	5.31	0.00	0.05	0.28	12.20	0 - 09:59 hrs
523	☐	SWMH-I8-013	2.26	87.29	low Link Cro	10.94	0 - 09:59 hrs	6.46	149.43	0.21	14.81	246.40	0.00	0.00	0.00	0.00	0.00	0.00	0 - 00:00 hrs
524	☐	SWMH-I8-014	2.71	99.11	low Link Cro	12.89	0 - 10:00 hrs	0.00	133.07	0.00	14.22	754.88	0.00	0.00	0.00	0.00	0.00	0.00	0 - 00:00 hrs
525	☐	SWMH-I8-015	2.81	108.99	low Link Cro	6.64	0 - 09:59 hrs	0.00	133.34	0.00	14.22	257.43	0.00	0.00	0.00	0.00	0.00	0.00	0 - 00:00 hrs
526	☐	SWMH-I8-016	7.16	114.46	w Maximum	3.19	0 - 09:59 hrs	19.30	105.38	0.69	13.15	1,353.47	2.81	3.56	3.19	0.00	0.00	0.00	0 - 00:00 hrs
527	☐	SWMH-I8-017	9.33	117.62	w Maximum	1.92	0 - 09:59 hrs	18.65	86.09	0.66	12.47	1,274.29	3.17	5.73	1.92	0.00	0.00	0.00	0 - 00:00 hrs
528	☐	SWMH-I8-018	0.70	90.72	low Link Cro	7.50	0 - 09:59 hrs	0.00	6.16	0.00	0.19	8.19	0.00	0.00	0.00	0.00	0.00	0.00	0 - 00:00 hrs
529	☐	SWMH-I8-019	8.00	118.44	w Maximum	0.00	0 - 09:56 hrs	0.00	27.95	0.00	1.08	63.42	0.40	5.70	0.00	0.00	0.00	3.08	0 - 09:56 hrs
530	☐	SWMH-I8-020	11.00	100.70	w Maximum	0.00	0 - 09:59 hrs	0.00	81.10	0.00	8.35	14.46	0.57	6.90	0.00	0.00	0.00	23.72	0 - 09:59 hrs
531	☐	SWMH-I8-024	7.15	109.16	Surcharged	0.00	0 - 09:52 hrs	18.78	18.78	0.68	0.68	0.00	0.95	5.65	0.00	0.02	0.22	6.09	0 - 09:59 hrs
532	☐	SWMH-I8-036	0.66	91.34	low Link Cro	7.64	0 - 09:59 hrs	6.40	6.40	0.19	0.19	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0 - 00:00 hrs
533	☐	SWMH-I8-041	2.10	74.49	low Link Cro	9.95	0 - 09:59 hrs	4.83	153.46	0.17	14.98	291.37	0.00	0.00	0.00	0.00	0.00	0.00	0 - 00:00 hrs
534	☐	SWMH-I9-001	17.28	134.78	Surcharged	-5.00	0 - 09:48 hrs	30.69	33.56	1.22	5.26	231.70	2.10	14.78	0.00	0.00	0.00	3.56	0 - 09:48 hrs
535	☐	SWMH-I9-002	7.68	115.67	Surcharged	0.00	0 - 09:56 hrs	20.50	45.12	0.77	1.99	-0.23	0.62	5.68	0.00	0.02	0.19	6.51	0 - 09:59 hrs
536	☐	SWMH-I9-003	7.88	118.49	w Maximum	0.00	0 - 09:55 hrs	31.17	31.17	1.24	1.24	0.00	0.54	5.88	0.00	0.01	0.17	6.50	0 - 09:59 hrs
537	☐	SWMH-I9-008	8.45	119.88	w Maximum	0.00	0 - 09:56 hrs	28.36	28.36	1.08	1.08	0.00	0.51	6.45	0.00	0.00	0.01	0.38	0 - 09:59 hrs
538	☐	SWMH-J2-001	6.82	39.86	w Maximum	4.14	0 - 09:52 hrs	0.00	139.23	0.00	9.03	8,333.93	1.58	0.82	4.14	0.00	0.00	0.00	0 - 00:00 hrs
539	☐	SWMH-J2-002	6.62	40.53	w Maximum	0.50	0 - 10:00 hrs	0.00	44.58	0.00	3.73	2,115.74	41.35	3.12	0.50	0.00	0.00	0.00	0 - 00:00 hrs

EXISTING CONDITIONS 20-YR 24-HR JUNCTIONS

		ID	Maximum Depth (ft)	Maximum HGL (ft)	Maximum HGL Head Class	Freeboard (ft)	Max.Depth Day-Time (day-time)	Maximum Lateral Inflow (cfs)	Maximum Total Inflow (cfs)	Lateral Inflow Volume (MG)	Total Inflow Volume (MG)	Flow Volume Difference (MG)	Total Surcharge Time (hrs)	Max.Surchar ge Height Above Ground	Min.Surchar ge Depth Below Rim (ft)	Total Flood Volume (MG)	Total Flood Time (hrs)	Maximum Flood Rate (cfs)	Max.Flood Day-Time (day-time)
540	☐	SWMH-J2-003	6.65	40.57	w Maximum	1.53	0 - 09:57 hrs	0.00	44.59	0.00	3.75	2,963.98	41.32	3.15	1.53	0.00	0.00	0.00	0 - 00:00 hrs
541	☐	SWMH-J2-004	6.29	41.28	w Maximum	2.21	0 - 09:57 hrs	13.69	33.30	0.52	2.67	2,965.92	40.73	3.04	2.21	0.00	0.00	0.00	0 - 00:00 hrs
542	☐	SWMH-J2-005	5.90	42.23	w Maximum	2.40	0 - 09:45 hrs	0.00	21.46	0.00	2.16	2,392.11	10.27	3.28	2.40	0.00	0.00	0.00	0 - 00:00 hrs
543	☐	SWMH-J2-007	6.65	45.45	Surcharged	0.00	0 - 09:45 hrs	48.14	48.14	2.24	2.24	0.00	2.38	4.55	0.00	0.23	0.63	30.58	0 - 09:59 hrs
544	☐	SWMH-J2-008	6.37	40.94	w Maximum	2.53	0 - 09:52 hrs	0.00	94.64	0.00	5.35	3,056.87	40.34	2.22	2.53	0.00	0.00	0.00	0 - 00:00 hrs
545	☐	SWMH-J2-009	6.51	42.05	w Maximum	1.84	0 - 09:52 hrs	0.00	94.64	0.00	5.36	3,174.83	1.44	2.76	1.84	0.00	0.00	0.00	0 - 00:00 hrs
546	☐	SWMH-J2-010	6.27	40.60	w Maximum	0.18	0 - 10:00 hrs	0.00	15.03	0.00	1.11	926.63	41.40	3.25	0.18	0.00	0.00	0.00	0 - 00:00 hrs
547	☐	SWMH-J2-011	6.05	40.95	w Maximum	0.00	0 - 09:49 hrs	27.85	27.85	1.20	1.20	341.23	41.75	4.02	0.00	0.09	0.38	16.53	0 - 09:59 hrs
548	☐	SWMH-J2-012	5.80	43.38	w Maximum	0.00	0 - 09:45 hrs	5.16	22.67	0.17	2.18	1,227.40	2.37	3.30	0.00	0.01	0.22	3.04	0 - 09:59 hrs
549	☐	SWMH-J2-016	7.81	39.48	w Maximum	2.30	0 - 09:52 hrs	6.91	146.20	0.24	9.18	9,474.07	41.13	1.81	2.30	0.00	0.00	0.00	0 - 00:00 hrs
550	☐	SWMH-J2-066	6.50	44.39	w Maximum	0.00	0 - 09:45 hrs	0.00	20.26	0.00	2.01	408.81	2.28	4.00	0.00	0.00	0.00	0.53	0 - 09:45 hrs
551	☐	SWMH-J3-001	6.54	43.14	w Maximum	0.21	0 - 09:56 hrs	13.30	47.73	0.50	3.22	2,698.23	1.82	3.54	0.21	0.00	0.00	0.00	0 - 00:00 hrs
552	☐	SWMH-J3-002	6.98	44.20	w Maximum	0.00	0 - 09:49 hrs	0.00	37.79	0.00	2.73	1,505.85	1.56	3.98	0.00	0.00	0.01	4.63	0 - 09:49 hrs
553	☐	SWMH-J3-003	7.40	44.95	w Maximum	0.00	0 - 09:49 hrs	33.40	44.82	1.43	2.77	1,431.25	1.55	4.40	0.00	0.03	0.22	10.33	0 - 09:59 hrs
554	☐	SWMH-J3-004	7.55	47.21	Surcharged	0.00	0 - 09:53 hrs	0.00	13.36	0.00	1.34	100.62	0.73	4.55	0.00	0.00	0.00	5.65	0 - 09:53 hrs
555	☐	SWMH-J3-005	6.58	48.72	Surcharged	0.00	0 - 09:55 hrs	0.00	12.21	0.00	1.35	80.86	0.62	4.58	0.00	0.00	0.00	4.42	0 - 09:55 hrs
556	☐	SWMH-J3-006	6.33	59.68	Surcharged	0.00	0 - 09:48 hrs	33.80	33.80	1.52	1.52	0.00	1.69	5.08	0.00	0.18	0.71	22.34	0 - 09:59 hrs
557	☐	SWMH-J3-007	6.64	43.25	w Maximum	1.44	0 - 09:52 hrs	0.00	46.96	0.00	2.14	1,270.67	1.26	3.64	1.44	0.00	0.00	0.00	0 - 00:00 hrs
558	☐	SWMH-J3-008	7.20	45.23	Surcharged	0.00	0 - 09:51 hrs	23.59	47.19	0.99	2.15	378.31	0.93	4.60	0.00	0.00	0.02	1.49	0 - 09:51 hrs
559	☐	SWMH-J3-009	6.70	46.06	w Maximum	0.00	0 - 09:52 hrs	26.63	26.63	1.15	1.15	0.00	0.68	4.20	0.00	0.00	0.10	2.99	0 - 09:59 hrs
560	☐	SWMH-J3-010	8.53	49.29	w Maximum	1.02	0 - 09:59 hrs	0.00	40.30	0.00	2.18	80.58	1.10	5.83	1.02	0.00	0.00	0.00	0 - 00:00 hrs
561	☐	SWMH-J3-011	9.30	50.05	w Maximum	0.40	0 - 09:59 hrs	24.03	40.27	0.98	2.18	78.26	1.08	6.37	0.40	0.00	0.00	0.00	0 - 00:00 hrs
562	☐	SWMH-J3-012	9.11	50.34	w Maximum	0.74	0 - 09:59 hrs	6.81	19.78	0.23	1.20	64.13	1.13	6.61	0.74	0.00	0.00	0.00	0 - 00:00 hrs
563	☐	SWMH-J3-013	8.89	50.72	w Maximum	1.26	0 - 09:59 hrs	0.00	16.34	0.00	0.97	-28.19	1.15	6.64	1.26	0.00	0.00	0.00	0 - 00:00 hrs
564	☐	SWMH-J3-014	7.90	51.12	w Maximum	0.00	0 - 09:52 hrs	25.26	25.26	1.03	1.03	0.00	0.96	5.90	0.00	0.06	0.27	15.78	0 - 09:59 hrs
565	☐	SWMH-J4-001	10.60	47.08	w Maximum	0.00	0 - 00:02 hrs	0.00	192.33	0.00	16.36	20,856.04	47.92	5.60	0.00	0.01	0.00	129.73	0 - 00:02 hrs
566	☐	SWMH-J4-002	7.08	46.41	w Maximum	0.00	0 - 00:09 hrs	0.00	30.37	0.00	2.65	10,387.28	0.02	3.08	0.00	0.00	0.00	8.04	0 - 00:09 hrs
567	☐	SWMH-J4-004	5.84	45.76	w Maximum	0.24	0 - 00:09 hrs	0.00	13.18	0.00	2.56	1,561.33	47.73	3.34	0.24	0.00	0.00	0.00	0 - 00:00 hrs
568	☐	SWMH-J4-005	4.26	44.74	Surcharged	0.00	0 - 00:08 hrs	0.00	16.35	0.00	2.90	673.97	47.70	2.26	0.00	0.35	2.93	7.63	0 - 00:08 hrs
569	☐	SWMH-J4-007	12.27	54.42	w Maximum	0.58	0 - 09:57 hrs	0.00	45.28	0.00	2.03	74.55	0.54	10.27	0.58	0.00	0.00	0.00	0 - 00:00 hrs
570	☐	SWMH-J4-013	6.16	49.36	w Maximum	0.74	0 - 09:57 hrs	0.00	16.35	0.00	2.89	14.10	8.83	4.66	0.74	0.00	0.00	0.00	0 - 00:00 hrs
571	☐	SWMH-J4-014	4.55	50.26	w Maximum	0.00	0 - 09:41 hrs	68.27	68.27	3.54	3.54	0.00	4.89	3.05	0.00	0.65	1.41	51.92	0 - 10:03 hrs
572	☐	SWMH-J5-001	9.37	47.56	w Maximum	0.13	0 - 09:48 hrs	33.18	116.59	2.16	16.20	9,556.87	43.18	4.37	0.13	0.00	0.00	0.00	0 - 00:00 hrs
573	☐	SWMH-J5-002	7.35	50.31	Surcharged	0.00	0 - 09:48 hrs	46.85	120.89	2.15	13.18	691.46	2.55	3.35	0.00	0.00	0.00	9.55	0 - 09:48 hrs
574	☐	SWMH-J5-003	8.55	47.76	w Maximum	0.00	0 - 09:48 hrs	0.00	120.87	0.00	13.24	1,914.01	3.33	2.38	0.00	0.51	0.84	51.13	0 - 09:59 hrs
575	☐	SWMH-J5-004	6.55	49.77	Surcharged	0.00	0 - 09:49 hrs	31.07	31.07	1.31	1.31	0.00	3.43	4.55	0.00	0.03	0.28	9.20	0 - 09:59 hrs
576	☐	SWMH-J5-005	6.65	49.58	w Maximum	0.00	0 - 09:42 hrs	0.00	21.93	0.00	1.29	-272.04	3.76	4.65	0.00	0.07	0.45	8.27	0 - 10:03 hrs
577	☐	SWMH-J7-001	8.05	67.40	w Maximum	0.00	0 - 09:55 hrs	20.12	168.70	0.64	17.58	1,595.21	1.09	3.55	0.00	0.00	0.02	20.48	0 - 09:55 hrs
578	☐	SWMH-J7-002	10.40	78.17	Surcharged	0.00	0 - 09:52 hrs	81.10	115.54	3.91	8.27	37.35	1.29	3.29	0.00	0.03	0.22	12.27	0 - 09:59 hrs
579	☐	SWMH-J7-003	6.98	83.45	w Maximum	0.00	0 - 09:52 hrs	0.00	50.09	0.00	4.56	239.52	1.88	4.65	0.00	0.19	0.61	15.65	0 - 10:00 hrs
580	☐	SWMH-J7-005	6.75	44.32	Surcharged	0.00	0 - 00:00 hrs	0.00	135.69	0.00	12.11	2,552.08	47.98	2.70	0.00	0.78	0.78	96.29	0 - 00:00 hrs
581	☐	SWMH-J7-006	12.40	68.01	w Maximum	3.75	0 - 10:00 hrs	0.00	143.64	0.00	12.08	270.12	0.37	9.40	3.75	0.00	0.00	0.00	0 - 00:00 hrs
582	☐	SWMH-J7-007	16.57	78.75	w Maximum	1.48	0 - 10:00 hrs	21.30	140.58	0.77	12.09	109.51	0.17	13.06	1.48	0.00	0.00	0.00	0 - 00:00 hrs
583	☐	SWMH-J7-008	18.97	85.51	Surcharged	0.00	0 - 09:57 hrs	0.00	119.37	0.00	11.32	581.40	0.87	15.47	0.00	0.00	0.00	5.84	0 - 09:57 hrs
584	☐	SWMH-J7-009	9.70	87.18	w Maximum	0.00	0 - 09:57 hrs	14.95	119.39	0.53	11.32	265.86	0.97	6.70	0.00	0.00	0.00	2.60	0 - 09:57 hrs
585	☐	SWMH-J7-014	10.35	77.82	w Maximum	0.00	0 - 09:52 hrs	0.00	104.61	0.00	8.25	490.27	1.69	6.70	0.00	0.30	0.50	38.44	0 - 10:06 hrs
586	☐	SWMH-J7-015	5.45	83.96	w Maximum	0.00	0 - 09:52 hrs	0.00	7.40	0.00	0.00	0.00	1.69	3.95	0.00	0.00	0.00	6.76	0 - 09:52 hrs
587	☐	SWMH-J8-001	9.68	94.88	w Maximum	0.00	0 - 09:52 hrs	0.00	31.18	0.00	2.91	61.26	1.41	7.30	0.00	0.00	0.00	12.27	0 - 09:52 hrs
588	☐	SWMH-J8-002	9.05	95.18	w Maximum	0.00	0 - 09:52 hrs	0.00	35.43	0.00	2.92	186.04	1.41	6.80	0.00	0.00	0.00	6.30	0 - 09:52 hrs

EXISTING CONDITIONS 20-YR 24-HR JUNCTIONS

		ID	Maximum Depth (ft)	Maximum HGL (ft)	Maximum HGL Head Class	Freeboard (ft)	Max.Depth Day-Time (day-time)	Maximum Lateral Inflow (cfs)	Maximum Total Inflow (cfs)	Lateral Inflow Volume (MG)	Total Inflow Volume (MG)	Flow Volume Difference (MG)	Total Surcharge Time (hrs)	Max.Surchar ge Height Above Crown	Min.Surchar ge Depth Below Rim (ft)	Total Flood Volume (MG)	Total Flood Time (hrs)	Maximum Flood Rate (cfs)	Max.Flood Day-Time (day-time)
589	☐	SWMH-J8-003	6.80	97.23	w Maximum	0.00	0 - 09:52 hrs	46.75	46.75	2.16	3.05	223.41	1.41	4.55	0.00	0.00	0.13	4.25	0 - 09:52 hrs
590	☐	SWMH-J8-004	5.15	96.60	w Maximum	0.00	0 - 09:52 hrs	27.80	42.55	1.13	1.24	0.00	1.28	2.90	0.00	0.35	0.61	42.51	0 - 09:59 hrs
591	☐	SWMH-J8-005	7.85	97.57	w Maximum	0.00	0 - 09:57 hrs	32.40	39.45	1.41	4.23	57.86	2.82	4.15	0.00	0.00	0.00	0.00	0 - 09:57 hrs
592	☐	SWMH-J8-006	8.20	93.26	Surcharged	0.00	0 - 09:57 hrs	31.10	118.44	1.30	10.31	53.91	0.72	3.62	0.00	0.09	0.19	28.62	0 - 10:03 hrs
593	☐	SWMH-J8-007	9.85	105.79	Surcharged	0.00	0 - 10:00 hrs	0.00	51.69	0.00	6.60	319.03	0.24	5.55	0.00	0.00	0.00	11.79	0 - 10:00 hrs
594	☐	SWMH-J8-008	9.01	105.22	w Maximum	1.74	0 - 10:00 hrs	0.00	27.86	0.00	5.64	423.16	0.38	5.91	1.74	0.00	0.00	0.00	0 - 00:00 hrs
595	☐	SWMH-J8-011	6.09	110.38	w Maximum	1.61	0 - 10:03 hrs	25.14	25.14	0.96	0.96	0.00	0.38	4.09	1.61	0.00	0.00	0.00	0 - 00:00 hrs
596	☐	SWMH-J8-012	7.65	108.00	Surcharged	0.00	0 - 09:41 hrs	14.34	46.52	0.48	2.90	218.35	4.26	5.15	0.00	0.13	0.50	16.08	0 - 09:59 hrs
597	☐	SWMH-J8-013	10.70	112.94	Surcharged	0.00	0 - 09:41 hrs	62.09	62.09	2.57	2.57	0.00	3.36	8.45	0.00	0.15	0.37	29.82	0 - 09:59 hrs
598	☐	SWMH-J8-014	6.20	98.12	Surcharged	0.00	0 - 09:52 hrs	0.00	7.82	0.00	0.00	0.00	1.25	4.45	0.00	0.00	0.01	7.33	0 - 09:52 hrs
599	☐	SWMH-J8-015	5.90	97.07	w Maximum	0.00	0 - 09:52 hrs	0.00	7.75	0.00	0.03	0.82	1.36	4.15	0.00	0.02	0.23	4.44	0 - 10:03 hrs
600	☐	SWMH-J8-020	5.02	108.28	w Maximum	1.78	0 - 10:03 hrs	0.00	25.16	0.00	0.96	48.77	0.08	3.02	1.78	0.00	0.00	0.00	0 - 00:00 hrs
601	☐	SWMH-J9-001	10.35	121.21	w Maximum	0.00	0 - 09:48 hrs	0.00	117.29	0.00	12.11	1,280.15	3.10	6.85	0.00	0.29	0.48	49.76	0 - 09:59 hrs
602	☐	SWMH-J9-002	10.40	122.73	Surcharged	0.00	0 - 09:48 hrs	0.00	35.49	0.00	4.93	79.76	2.74	6.40	0.00	0.00	0.01	14.12	0 - 09:48 hrs
603	☐	SWMH-J9-003	10.72	125.71	Surcharged	-5.00	0 - 09:49 hrs	11.23	34.97	0.39	4.17	641.76	2.45	7.72	0.00	0.00	0.00	18.90	0 - 09:49 hrs
604	☐	SWMH-J9-004	12.14	129.32	Surcharged	-5.00	0 - 09:49 hrs	18.56	32.85	0.65	3.78	213.78	2.05	9.14	0.00	0.00	0.00	18.41	0 - 09:49 hrs
605	☐	SWMH-J9-005	8.00	125.18	Surcharged	0.00	0 - 09:49 hrs	0.00	25.85	0.00	3.31	158.58	3.36	5.60	0.00	0.18	0.71	18.85	0 - 09:59 hrs
606	☐	SWMH-J9-006	7.50	128.36	w Maximum	0.00	0 - 09:51 hrs	22.52	43.63	0.84	3.44	45.83	2.35	5.20	0.00	0.13	0.59	19.53	0 - 09:59 hrs
607	☐	SWMH-J9-007	7.15	129.81	w Maximum	0.00	0 - 09:48 hrs	0.00	21.14	0.00	2.60	8.37	2.14	4.90	0.00	0.00	0.02	2.38	0 - 09:48 hrs
608	☐	SWMH-J9-008	7.65	136.37	Surcharged	0.00	0 - 09:51 hrs	0.00	21.92	0.00	2.60	47.22	1.74	5.45	0.00	0.00	0.00	6.30	0 - 09:51 hrs
609	☐	SWMH-J9-009	11.23	131.44	Surcharged	0.00	0 - 09:48 hrs	0.00	22.22	0.00	4.05	193.74	2.32	9.23	0.00	0.00	0.00	0.43	0 - 09:48 hrs
610	☐	SWMH-J9-010	8.82	122.84	w Maximum	0.00	0 - 09:48 hrs	0.00	9.62	0.00	0.78	71.63	2.83	6.82	0.00	0.00	0.00	4.66	0 - 09:48 hrs
611	☐	SWMH-J9-011	7.65	130.59	Surcharged	0.00	0 - 09:48 hrs	0.00	13.49	0.00	3.09	58.09	4.86	5.65	0.00	0.05	0.65	3.21	0 - 10:02 hrs
612	☐	SWMH-J9-013	13.65	125.15	Surcharged	-3.90	0 - 09:59 hrs	51.16	84.59	1.93	7.19	225.17	3.48	11.15	0.00	0.00	0.00	0.00	0 - 00:00 hrs
613	☐	SWMH-J9-014	6.80	122.45	Surcharged	0.00	0 - 09:48 hrs	25.76	28.04	0.99	1.00	0.00	2.43	4.80	0.00	0.23	0.67	28.00	0 - 09:59 hrs
614	☐	SWMH-J9-028	7.50	137.15	w Maximum	0.00	0 - 09:48 hrs	0.00	13.49	0.00	3.09	580.23	6.51	5.80	0.00	0.00	0.09	0.15	0 - 09:48 hrs
615	☐	SWMH-J9-029	8.04	135.87	w Maximum	0.01	0 - 09:48 hrs	0.00	13.50	0.00	3.08	-448.02	6.94	6.54	0.01	0.00	0.00	0.00	0 - 00:00 hrs
616	☐	SWMH-J9-030	8.07	133.40	Surcharged	0.00	0 - 09:48 hrs	0.00	13.49	0.00	3.09	140.04	7.08	6.57	0.00	0.00	0.00	0.12	0 - 09:48 hrs
617	☐	SWMH-J9-032	7.60	130.53	w Maximum	0.00	0 - 09:48 hrs	0.00	13.52	0.00	3.04	69.31	2.27	5.60	0.00	0.02	0.57	1.54	0 - 09:52 hrs
618	☐	SWMH-J9-033	8.05	130.38	Surcharged	0.00	0 - 09:48 hrs	31.02	36.82	1.23	4.24	74.60	2.21	6.05	0.00	0.20	0.51	33.98	0 - 09:59 hrs
619	☐	SWMH-J9-035	6.35	136.15	w Maximum	0.00	0 - 09:47 hrs	56.02	56.02	2.60	2.60	0.00	5.66	4.60	0.00	0.48	0.97	48.68	0 - 09:59 hrs
620	☐	SWMH-J9-036	7.50	138.69	Surcharged	0.00	0 - 09:51 hrs	13.90	13.90	0.48	0.48	0.00	1.14	6.00	0.00	0.00	0.00	2.18	0 - 09:51 hrs
621	☐	SWMH-J9-039	6.96	139.23	Surcharged	0.00	0 - 09:29 hrs	87.35	87.35	4.25	4.25	0.00	6.30	5.46	0.00	1.16	2.40	76.73	0 - 09:59 hrs
622	☐	SWMH-K2-001	14.60	45.00	w Maximum	0.00	0 - 00:00 hrs	0.00	263.36	0.00	8.95	3,398.19	47.98	10.10	0.00	0.00	0.00	145.03	0 - 00:00 hrs
623	☐	SWMH-K2-002	16.20	47.00	w Maximum	0.00	0 - 00:01 hrs	0.00	198.88	0.00	8.95	4,524.27	47.97	11.70	0.00	0.00	0.00	94.20	0 - 00:01 hrs
624	☐	SWMH-K2-004	14.57	46.14	w Maximum	1.73	0 - 00:05 hrs	33.78	114.37	1.65	8.82	0.00	47.85	10.07	1.73	0.00	0.00	0.00	0 - 00:00 hrs
625	☐	SWMH-K2-005	17.05	48.59	w Maximum	0.32	0 - 00:05 hrs	0.00	95.80	0.00	7.13	5,665.71	47.84	12.22	0.32	0.00	0.00	0.00	0 - 00:00 hrs
626	☐	SWMH-K2-006	11.49	43.02	w Maximum	5.93	0 - 09:57 hrs	0.00	91.48	0.00	7.10	5,420.22	47.84	6.99	5.93	0.00	0.00	0.00	0 - 00:00 hrs
627	☐	SWMH-K2-009	6.45	43.19	w Maximum	3.70	0 - 09:57 hrs	0.00	16.46	0.00	3.26	2,515.62	4.04	3.70	3.70	0.00	0.00	0.00	0 - 00:00 hrs
628	☐	SWMH-K2-011	7.83	45.67	w Maximum	2.92	0 - 09:57 hrs	0.00	16.46	0.00	3.23	946.29	9.46	5.80	2.92	0.00	0.00	0.00	0 - 00:00 hrs
629	☐	SWMH-K2-012	13.80	47.45	w Maximum	0.00	0 - 00:07 hrs	21.13	62.74	0.89	3.78	4,441.98	47.72	9.90	0.00	0.00	0.00	13.80	0 - 00:07 hrs
630	☐	SWMH-K2-013	15.95	47.12	w Maximum	0.00	0 - 00:02 hrs	0.00	143.83	0.00	8.90	11,973.92	47.91	11.45	0.00	0.00	0.00	49.48	0 - 00:02 hrs
631	☐	SWMH-K2-016	11.24	44.52	w Maximum	3.56	0 - 00:07 hrs	0.00	70.39	0.00	3.80	3,268.49	47.78	7.49	3.56	0.00	0.00	0.00	0 - 00:00 hrs
632	☐	SWMH-K3-002	3.13	42.63	Flow Link Cro	7.29	0 - 00:03 hrs	0.00	77.22	0.00	3.31	3,974.29	0.00	0.00	0.00	0.00	0.00	0.00	0 - 00:00 hrs
633	☐	SWMH-K3-003	9.36	47.58	Surcharged	0.00	0 - 09:40 hrs	54.39	65.50	2.75	3.96	539.64	8.88	6.79	0.00	0.75	1.49	52.36	0 - 10:03 hrs
634	☐	SWMH-K3-004	4.61	43.44	w Maximum	3.69	0 - 10:00 hrs	0.00	34.86	0.00	7.58	0.00	8.63	2.11	3.69	0.00	0.00	0.00	0 - 00:00 hrs
635	☐	SWMH-K3-005	6.18	46.52	w Maximum	0.20	0 - 09:57 hrs	23.66	23.66	1.03	1.67	16.94	7.48	3.93	0.20	0.00	0.00	0.00	0 - 00:00 hrs
636	☐	SWMH-K3-006	7.56	47.53	w Maximum	0.19	0 - 10:00 hrs	0.00	20.14	0.00	5.91	249.52	9.56	5.01	0.19	0.00	0.00	0.00	0 - 00:00 hrs
637	☐	SWMH-K3-007	7.11	47.80	w Maximum	0.39	0 - 10:00 hrs	0.00	20.13	0.00	5.91	246.98	8.79	4.60	0.39	0.00	0.00	0.00	0 - 00:00 hrs

EXISTING CONDITIONS 20-YR 24-HR JUNCTIONS

		ID	Maximum Depth (ft)	Maximum HGL (ft)	Maximum HGL Head Class	Freeboard (ft)	Max.Depth Day-Time (day-time)	Maximum Lateral Inflow (cfs)	Maximum Total Inflow (cfs)	Lateral Inflow Volume (MG)	Total Inflow Volume (MG)	Flow Volume Difference (MG)	Total Surcharge Time (hrs)	Max.Surchar ge Height Above Ground	Min.Surchar ge Depth Below Rim (ft)	Total Flood Volume (MG)	Total Flood Time (hrs)	Maximum Flood Rate (cfs)	Max.Flood Day-Time (day-time)
638	☐	SWMH-K3-008	4.24	43.54	w Maximum	3.76	0 - 09:52 hrs	0.00	40.32	0.00	2.20	621.63	0.51	1.44	3.76	0.00	0.00	0.00	0 - 00:00 hrs
639	☐	SWMH-K3-009	4.06	42.93	w Maximum	4.39	0 - 09:52 hrs	0.00	40.29	0.00	2.20	944.41	0.58	1.06	4.39	0.00	0.00	0.00	0 - 00:00 hrs
640	☐	SWMH-K3-010	4.98	44.85	w Maximum	2.34	0 - 09:52 hrs	0.00	40.28	0.00	2.19	113.67	0.54	2.23	2.34	0.00	0.00	0.00	0 - 00:00 hrs
641	☐	SWMH-K3-011	7.99	48.45	w Maximum	2.13	0 - 09:59 hrs	0.00	40.29	0.00	2.18	187.83	1.23	5.32	2.13	0.00	0.00	0.00	0 - 00:00 hrs
642	☐	SWMH-K3-012	6.49	43.42	w Maximum	1.71	0 - 00:00 hrs	0.00	42.95	0.00	7.58	990.29	47.83	2.99	1.71	0.00	0.00	0.00	0 - 00:00 hrs
643	☐	SWMH-K3-018	6.85	47.44	Surcharged	0.00	0 - 00:01 hrs	17.86	17.86	0.68	0.68	0.00	0.94	4.80	0.00	0.00	0.00	8.38	0 - 00:01 hrs
644	☐	SWMH-K3-019	10.80	47.82	w Maximum	1.50	0 - 00:00 hrs	0.00	41.80	0.00	0.69	724.85	47.99	8.50	1.50	0.00	0.00	0.00	0 - 00:00 hrs
645	☐	SWMH-K3-020	6.68	46.44	w Maximum	1.52	0 - 00:01 hrs	0.00	23.89	0.00	0.69	529.95	47.83	4.48	1.52	0.00	0.00	0.00	0 - 00:00 hrs
646	☐	SWMH-K3-022	8.38	47.92	w Maximum	0.00	0 - 09:45 hrs	30.45	30.45	1.36	1.36	0.00	7.64	6.63	0.00	0.15	0.70	19.30	0 - 09:59 hrs
647	☐	SWMH-K3-024	5.18	45.30	w Maximum	3.12	0 - 09:52 hrs	0.00	40.27	0.00	2.18	351.51	0.66	2.38	3.12	0.00	0.00	0.00	0 - 00:00 hrs
648	☐	SWMH-K3-025	7.05	47.92	w Maximum	0.35	0 - 10:00 hrs	0.00	20.12	0.00	5.91	249.59	8.61	4.55	0.35	0.00	0.00	0.00	0 - 00:00 hrs
649	☐	SWMH-K3-091	9.47	45.16	w Maximum	0.00	0 - 00:01 hrs	0.00	213.72	0.00	3.38	3,564.68	47.96	5.47	0.00	0.03	0.01	193.25	0 - 00:01 hrs
650	☐	SWMH-K4-001	3.45	43.31	low Link Cro	14.19	0 - 10:06 hrs	0.00	68.60	0.00	3.28	1,342.74	0.00	0.00	0.00	0.00	0.00	0.00	0 - 00:00 hrs
651	☐	SWMH-K4-002	3.83	44.04	low Link Cro	7.37	0 - 10:04 hrs	0.00	68.58	0.00	3.27	591.94	0.00	0.00	0.00	0.00	0.00	0.00	0 - 00:00 hrs
652	☐	SWMH-K4-006	10.70	46.45	w Maximum	0.00	0 - 00:01 hrs	21.95	79.19	0.89	7.62	1,121.99	47.92	7.00	0.00	0.00	0.00	33.16	0 - 00:01 hrs
653	☐	SWMH-K4-007	11.20	46.42	Surcharged	0.00	0 - 00:01 hrs	0.00	100.87	0.00	7.65	5,892.08	47.94	7.65	0.00	0.00	0.00	52.68	0 - 00:01 hrs
654	☐	SWMH-K4-008	9.48	45.82	w Maximum	1.75	0 - 09:59 hrs	0.00	66.29	0.00	6.73	3,005.63	47.91	5.98	1.75	0.00	0.00	0.00	0 - 00:00 hrs
655	☐	SWMH-K4-009	8.65	46.33	w Maximum	1.80	0 - 00:06 hrs	0.00	48.35	0.00	6.68	2,057.01	47.81	5.15	1.80	0.00	0.00	0.00	0 - 00:00 hrs
656	☐	SWMH-K6-001	13.44	62.62	w Maximum	8.10	0 - 09:56 hrs	0.00	81.74	0.00	8.72	311.31	1.34	10.44	8.10	0.00	0.00	0.00	0 - 00:00 hrs
657	☐	SWMH-K6-002	13.12	67.29	w Maximum	5.03	0 - 09:59 hrs	0.00	83.33	0.00	8.72	203.86	1.16	10.12	5.03	0.00	0.00	0.00	0 - 00:00 hrs
658	☐	SWMH-K6-011	13.30	60.19	Surcharged	0.00	0 - 09:53 hrs	19.90	98.79	0.73	9.45	541.50	1.25	9.95	0.00	0.00	0.00	8.18	0 - 09:53 hrs
659	☐	SWMH-K6-013	12.10	54.85	Surcharged	0.00	0 - 09:56 hrs	0.00	98.78	0.00	9.45	542.08	1.28	9.00	0.00	0.00	0.00	9.23	0 - 09:56 hrs
660	☐	SWMH-K7-001	6.80	84.45	w Maximum	0.00	0 - 09:48 hrs	0.00	39.21	0.00	5.34	212.53	2.22	4.10	0.00	0.00	0.00	4.46	0 - 09:48 hrs
661	☐	SWMH-K7-003	8.45	71.64	w Maximum	0.00	0 - 09:56 hrs	0.00	68.51	0.00	7.30	19.30	0.81	5.30	0.00	0.00	0.00	9.59	0 - 09:56 hrs
662	☐	SWMH-K7-004	2.53	76.17	low Link Cro	1.83	0 - 10:00 hrs	0.00	69.89	0.00	7.31	279.81	0.00	0.00	0.00	0.00	0.00	0.00	0 - 00:00 hrs
663	☐	SWMH-K7-005	4.50	79.92	w Maximum	0.00	0 - 09:48 hrs	44.97	81.46	2.03	7.37	208.39	2.27	2.00	0.00	0.06	0.28	13.71	0 - 09:59 hrs
664	☐	SWMH-K7-006	5.65	84.87	w Maximum	0.85	0 - 09:56 hrs	0.00	31.42	0.00	4.21	211.73	2.35	3.15	0.85	0.00	0.00	0.00	0 - 00:00 hrs
665	☐	SWMH-K7-007	5.23	87.51	Surcharged	0.00	0 - 09:48 hrs	0.00	14.33	0.00	1.86	92.13	2.43	2.98	0.00	0.00	0.01	6.89	0 - 09:48 hrs
666	☐	SWMH-K7-008	5.12	87.96	w Maximum	0.00	0 - 09:48 hrs	0.00	14.33	0.00	1.94	126.66	2.59	3.12	0.00	0.08	1.05	3.32	0 - 09:48 hrs
667	☐	SWMH-K7-009	5.72	89.21	w Maximum	0.00	0 - 09:47 hrs	0.00	16.32	0.00	1.99	135.84	2.62	3.72	0.00	0.05	0.94	2.06	0 - 10:26 hrs
668	☐	SWMH-K7-012	7.14	60.73	w Maximum	1.27	0 - 09:57 hrs	37.86	202.95	1.56	19.13	1,261.32	1.04	2.14	1.27	0.00	0.00	0.00	0 - 00:00 hrs
669	☐	SWMH-K7-013	10.60	89.34	Surcharged	0.00	0 - 09:51 hrs	39.90	64.28	1.69	4.61	124.60	1.74	7.80	0.00	0.05	0.26	14.16	0 - 09:59 hrs
670	☐	SWMH-K7-015	2.28	82.90	low Link Cro	3.52	0 - 09:59 hrs	25.47	95.26	1.04	9.04	344.02	0.00	0.00	0.00	0.00	0.00	0.00	0 - 00:00 hrs
671	☐	SWMH-K7-018	4.99	86.74	Surcharged	-0.24	0 - 09:56 hrs	0.00	69.96	0.00	8.01	220.26	0.55	1.49	0.00	0.00	0.00	0.00	0 - 00:00 hrs
672	☐	SWMH-K7-019	3.94	85.11	w Maximum	0.86	0 - 09:56 hrs	0.00	69.98	0.00	8.01	272.18	0.44	0.44	0.86	0.00	0.00	0.00	0 - 00:00 hrs
673	☐	SWMH-K7-022	5.67	90.57	w Maximum	0.33	0 - 09:56 hrs	28.83	72.28	1.22	8.02	-34.49	0.97	2.17	0.33	0.00	0.00	0.00	0 - 00:00 hrs
674	☐	SWMH-K7-023	4.75	83.29	Surcharged	0.00	0 - 09:49 hrs	29.30	29.30	1.23	1.23	78.70	1.80	2.00	0.00	0.10	0.46	17.59	0 - 09:59 hrs
675	☐	SWMH-K8-001	6.67	90.76	Surcharged	0.00	0 - 09:47 hrs	45.95	45.95	2.24	2.24	0.00	2.66	4.67	0.00	0.25	0.77	29.57	0 - 09:59 hrs
676	☐	SWMH-K8-002	9.80	104.02	Surcharged	-3.90	0 - 09:57 hrs	32.18	39.93	1.36	7.47	176.04	6.42	7.30	0.00	0.00	0.00	0.00	0 - 00:00 hrs
677	☐	SWMH-K8-003	9.05	103.88	Surcharged	-1.75	0 - 09:57 hrs	0.00	31.77	0.00	6.12	-267.06	6.34	6.54	0.00	0.00	0.00	0.00	0 - 00:00 hrs
678	☐	SWMH-K8-004	8.23	103.73	Surcharged	0.00	0 - 09:41 hrs	0.00	37.45	0.00	6.68	163.24	6.28	5.70	0.00	0.56	1.74	29.62	0 - 09:59 hrs
679	☐	SWMH-K8-005	9.41	106.16	w Maximum	0.14	0 - 09:59 hrs	0.00	37.43	0.00	6.68	151.71	5.64	6.81	0.14	0.00	0.00	0.00	0 - 00:00 hrs
680	☐	SWMH-K8-006	5.95	94.10	w Maximum	2.05	0 - 09:52 hrs	0.00	28.23	0.00	4.02	661.62	2.92	3.19	2.05	0.00	0.00	0.00	0 - 00:00 hrs
681	☐	SWMH-K8-008	5.80	97.39	w Maximum	0.00	0 - 09:53 hrs	0.00	19.26	0.00	2.82	77.64	2.57	3.10	0.00	0.00	0.04	0.06	0 - 10:00 hrs
682	☐	SWMH-K8-009	5.50	97.38	w Maximum	0.00	0 - 09:47 hrs	27.10	34.04	1.13	2.98	168.99	2.61	3.00	0.00	0.15	0.48	26.92	0 - 09:59 hrs
683	☐	SWMH-K8-010	5.20	97.64	Surcharged	0.00	0 - 09:47 hrs	0.00	14.01	0.00	1.85	91.87	2.58	2.95	0.00	0.00	0.00	5.96	0 - 09:47 hrs
684	☐	SWMH-K8-011	5.00	98.25	w Maximum	0.00	0 - 09:48 hrs	0.00	14.86	0.00	1.85	31.78	2.39	2.75	0.00	0.00	0.00	6.19	0 - 09:48 hrs
685	☐	SWMH-K8-012	5.25	91.59	w Maximum	0.00	0 - 09:51 hrs	0.00	28.98	0.00	2.79	544.96	1.50	2.75	0.00	0.00	0.00	4.38	0 - 09:51 hrs
686	☐	SWMH-K8-013	4.93	91.99	w Maximum	0.00	0 - 09:51 hrs	29.22	39.46	1.27	2.88	156.92	1.63	2.43	0.00	0.10	0.36	19.56	0 - 09:59 hrs

EXISTING CONDITIONS 20-YR 24-HR JUNCTIONS

		ID	Maximum Depth (ft)	Maximum HGL (ft)	Maximum HGL Head Class	Freeboard (ft)	Max.Depth Day-Time (day-time)	Maximum Lateral Inflow (cfs)	Maximum Total Inflow (cfs)	Lateral Inflow Volume (MG)	Total Inflow Volume (MG)	Flow Volume Difference (MG)	Total Surcharge Time (hrs)	Max.Surchar ge Height Above Ground	Min.Surchar ge Depth Below Rim (ft)	Total Flood Volume (MG)	Total Flood Time (hrs)	Maximum Flood Rate (cfs)	Max.Flood Day-Time (day-time)
687	☐	SWMH-K8-014	4.74	92.29	Surcharged	0.00	0 - 09:51 hrs	0.00	17.51	0.00	1.62	115.27	1.45	2.24	0.00	0.00	0.01	3.90	0 - 09:51 hrs
688	☐	SWMH-K8-015	6.09	104.29	w Maximum	0.91	0 - 09:59 hrs	37.88	56.01	1.75	6.03	752.37	5.47	3.05	0.91	0.00	0.00	0.00	0 - 00:00 hrs
689	☐	SWMH-K8-017	6.40	105.21	Surcharged	0.00	0 - 09:48 hrs	55.05	55.05	2.63	2.63	0.00	5.55	3.90	0.00	0.30	0.73	36.83	0 - 09:59 hrs
690	☐	SWMH-K8-018	10.45	107.89	w Maximum	0.00	0 - 09:48 hrs	0.00	37.44	0.00	6.68	120.49	5.73	7.90	0.00	0.00	0.10	0.04	0 - 10:03 hrs
691	☐	SWMH-K8-019	4.32	98.35	w Maximum	0.00	0 - 09:47 hrs	49.44	49.44	2.37	2.37	0.00	4.34	2.57	0.00	0.52	1.17	42.41	0 - 09:59 hrs
692	☐	SWMH-K8-021	3.96	94.03	w Maximum	1.79	0 - 09:52 hrs	0.00	1.45	0.00	0.00	0.00	2.49	2.46	1.79	0.00	0.00	0.00	0 - 00:00 hrs
693	☐	SWMH-K8-024	4.80	103.78	w Maximum	0.00	0 - 09:41 hrs	0.00	56.05	0.00	3.08	-98.40	5.33	2.30	0.00	1.13	1.67	56.01	0 - 09:59 hrs
694	☐	SWMH-K9-001	10.65	108.29	Surcharged	0.00	0 - 09:48 hrs	0.00	37.49	0.00	6.68	24.55	5.62	8.10	0.00	0.00	0.18	0.06	0 - 10:32 hrs
695	☐	SWMH-K9-002	10.70	108.50	Surcharged	0.00	0 - 09:45 hrs	41.15	106.99	1.75	7.76	204.17	5.17	7.35	0.00	1.08	1.40	69.58	0 - 09:59 hrs
696	☐	SWMH-K9-006	8.94	115.30	Surcharged	0.00	0 - 09:51 hrs	41.41	41.41	1.70	1.70	0.00	1.70	6.94	0.00	0.11	0.38	21.04	0 - 09:59 hrs
697	☐	SWMH-K9-011	8.87	114.00	w Maximum	0.00	0 - 09:51 hrs	0.00	20.76	0.00	1.59	-335.21	1.84	6.87	0.00	0.01	0.43	4.71	0 - 09:51 hrs
698	☐	SWMH-K9-012	8.91	113.50	w Maximum	0.00	0 - 09:51 hrs	19.60	38.58	0.70	2.28	102.33	1.97	6.91	0.00	0.15	0.57	19.06	0 - 09:59 hrs
699	☐	SWMH-K9-016	9.12	111.00	w Maximum	0.18	0 - 09:57 hrs	0.00	30.72	0.00	2.13	158.31	2.44	6.62	0.18	0.00	0.00	0.00	0 - 00:00 hrs
700	☐	SWMH-K9-018	10.11	126.49	w Maximum	0.19	0 - 09:57 hrs	102.12	102.12	5.90	5.91	200.30	1.24	6.56	0.19	0.00	0.00	0.00	0 - 00:00 hrs
701	☐	SWMH-K9-019	15.81	128.06	Surcharged	-5.00	0 - 09:52 hrs	11.56	65.86	0.41	6.01	1,846.40	1.56	12.81	0.00	0.00	0.00	11.59	0 - 09:52 hrs
702	☐	SWMH-K9-020	15.04	123.07	Surcharged	-3.80	0 - 09:51 hrs	0.00	65.85	0.00	6.00	-375.34	2.48	12.04	0.00	0.00	0.00	0.00	0 - 00:00 hrs
703	☐	SWMH-K9-021	15.91	119.64	Surcharged	-5.00	0 - 09:45 hrs	0.00	65.84	0.00	6.00	-594.86	3.56	12.91	0.00	0.00	0.00	6.11	0 - 09:45 hrs
704	☐	SWMH-L1-001	8.61	40.23	w Maximum	0.00	0 - 09:49 hrs	21.63	44.63	0.94	5.88	6,187.12	32.26	5.11	0.00	0.14	0.45	22.69	0 - 09:59 hrs
705	☐	SWMH-L1-002	8.75	41.08	w Maximum	0.24	0 - 10:00 hrs	0.00	30.41	0.00	5.07	4,877.88	31.66	5.25	0.24	0.00	0.00	0.00	0 - 00:00 hrs
706	☐	SWMH-L1-003	8.43	41.32	w Maximum	0.00	0 - 09:56 hrs	30.91	30.91	1.42	1.42	0.00	22.86	4.93	0.00	0.00	0.05	0.66	0 - 09:59 hrs
707	☐	SWMH-L2-001	6.63	45.00	w Maximum	0.00	0 - 09:25 hrs	68.07	89.57	3.33	5.83	604.65	11.57	4.13	0.00	1.53	3.11	74.17	0 - 10:03 hrs
708	☐	SWMH-L2-002	6.65	45.71	Surcharged	0.00	0 - 09:48 hrs	29.03	35.78	1.34	2.59	41.91	10.67	4.15	0.00	0.09	0.47	14.24	0 - 09:59 hrs
709	☐	SWMH-L2-003	5.88	46.13	w Maximum	0.00	0 - 09:44 hrs	0.00	9.05	0.00	1.29	308.14	9.61	3.82	0.00	0.04	1.01	2.30	0 - 10:14 hrs
710	☐	SWMH-L2-004	5.64	46.68	w Maximum	0.00	0 - 09:44 hrs	0.00	9.05	0.00	1.29	28.18	8.75	3.54	0.00	0.00	0.36	0.01	0 - 10:45 hrs
711	☐	SWMH-L2-005	5.20	47.14	w Maximum	0.00	0 - 09:44 hrs	0.00	12.26	0.00	1.36	210.34	7.70	3.10	0.00	0.07	0.98	3.22	0 - 10:25 hrs
712	☐	SWMH-L2-006	9.51	44.11	w Maximum	6.78	0 - 09:57 hrs	0.00	40.40	0.00	2.85	3,765.42	47.66	6.01	6.78	0.00	0.00	0.00	0 - 00:00 hrs
713	☐	SWMH-L2-007	7.55	44.78	w Maximum	0.20	0 - 09:57 hrs	26.05	27.56	1.20	2.68	1,274.70	1.95	4.05	0.20	0.00	0.00	0.00	0 - 00:00 hrs
714	☐	SWMH-L2-008	5.70	44.62	w Maximum	0.00	0 - 09:45 hrs	35.21	35.21	1.71	1.71	0.00	2.41	3.70	0.00	0.24	0.61	30.36	0 - 10:03 hrs
715	☐	SWMH-L2-012	6.30	44.50	w Maximum	0.00	0 - 09:45 hrs	0.00	15.73	0.00	1.48	173.66	2.63	4.25	0.00	0.02	0.19	7.09	0 - 09:59 hrs
716	☐	SWMH-L3-001	4.40	44.76	low Link Cro	7.30	0 - 10:04 hrs	26.81	68.89	1.15	3.25	1,154.55	0.00	0.00	0.00	0.00	0.00	0.00	0 - 00:00 hrs
717	☐	SWMH-L3-002	4.16	45.24	w Maximum	6.44	0 - 10:03 hrs	0.00	1.93	0.00	0.03	63.09	0.05	0.16	6.44	0.00	0.00	0.00	0 - 00:00 hrs
718	☐	SWMH-L3-003	5.12	45.12	low Link Cro	6.61	0 - 10:04 hrs	0.00	44.21	0.00	2.13	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0 - 00:00 hrs
719	☐	SWMH-L3-004	4.16	45.46	w Maximum	6.59	0 - 10:03 hrs	0.00	44.83	0.00	2.06	-393.50	0.15	0.30	6.59	0.00	0.00	0.00	0 - 00:00 hrs
720	☐	SWMH-L3-005	5.35	48.08	w Maximum	0.00	0 - 09:48 hrs	0.00	12.27	0.00	1.36	76.11	6.97	3.30	0.00	0.00	0.03	0.01	0 - 10:14 hrs
721	☐	SWMH-L3-006	5.25	49.73	w Maximum	0.00	0 - 09:44 hrs	0.00	12.77	0.00	1.37	35.68	2.86	3.05	0.00	0.01	0.69	0.53	0 - 10:22 hrs
722	☐	SWMH-L3-007	5.25	50.67	w Maximum	0.00	0 - 09:44 hrs	33.81	33.81	1.54	1.54	0.00	2.46	3.25	0.00	0.16	0.67	20.99	0 - 09:59 hrs
723	☐	SWMH-L3-008	6.55	48.31	w Maximum	0.55	0 - 10:00 hrs	0.00	20.15	0.00	5.91	294.30	7.42	4.00	0.55	0.00	0.00	0.00	0 - 00:00 hrs
724	☐	SWMH-L3-009	6.65	48.81	w Maximum	0.00	0 - 09:47 hrs	0.00	25.72	0.00	6.02	888.46	8.04	4.15	0.00	0.10	0.70	8.09	0 - 09:59 hrs
725	☐	SWMH-L3-010	5.55	45.31	w Maximum	6.40	0 - 10:03 hrs	0.00	44.65	0.00	2.09	323.66	0.19	0.40	6.40	0.00	0.00	0.00	0 - 00:00 hrs
726	☐	SWMH-L3-011	5.68	45.90	w Maximum	7.22	0 - 10:03 hrs	0.00	47.26	0.00	2.07	595.33	0.17	0.41	7.22	0.00	0.00	0.00	0 - 00:00 hrs
727	☐	SWMH-L3-013	8.02	51.60	w Maximum	0.00	0 - 09:52 hrs	45.53	53.18	2.17	6.33	330.64	7.61	5.52	0.00	0.08	0.32	15.73	0 - 10:03 hrs
728	☐	SWMH-L3-014	7.99	51.62	w Maximum	0.00	0 - 09:56 hrs	0.00	12.72	0.00	3.24	460.17	8.57	5.99	0.00	0.00	0.01	0.03	0 - 10:03 hrs
729	☐	SWMH-L3-015	5.95	50.47	w Maximum	0.10	0 - 10:00 hrs	0.00	16.52	0.00	3.77	136.61	9.61	3.84	0.10	0.00	0.00	0.00	0 - 00:00 hrs
730	☐	SWMH-L3-016	7.50	52.38	w Maximum	0.00	0 - 09:10 hrs	32.86	32.86	1.33	1.33	45.91	7.17	5.50	0.00	0.19	0.60	25.15	0 - 09:59 hrs
731	☐	SWMH-L3-019	8.72	47.11	w Maximum	3.23	0 - 09:53 hrs	0.00	26.17	0.00	1.25	1,104.61	0.66	2.57	3.23	0.00	0.00	0.00	0 - 00:00 hrs
732	☐	SWMH-L3-020	8.20	46.91	w Maximum	3.70	0 - 10:02 hrs	20.44	46.49	0.85	2.09	1,946.11	0.67	2.40	3.70	0.00	0.00	0.00	0 - 00:00 hrs
733	☐	SWMH-L4-001	7.60	46.57	w Maximum	2.35	0 - 09:53 hrs	0.00	34.82	0.00	6.66	3,811.83	47.54	3.90	2.35	0.00	0.00	0.00	0 - 00:00 hrs
734	☐	SWMH-L4-002	7.25	46.39	w Maximum	0.00	0 - 09:41 hrs	0.00	57.86	0.00	5.93	1,285.68	47.52	3.49	0.00	0.82	1.26	57.84	0 - 09:59 hrs
735	☐	SWMH-L4-003	7.44	46.88	w Maximum	2.76	0 - 09:56 hrs	0.00	49.93	0.00	5.90	2,145.87	46.29	3.74	2.76	0.00	0.00	0.00	0 - 00:00 hrs

EXISTING CONDITIONS 20-YR 24-HR JUNCTIONS

		ID	Maximum Depth (ft)	Maximum HGL (ft)	Maximum HGL Head Class	Freeboard (ft)	Max.Depth Day-Time (day-time)	Maximum Lateral Inflow (cfs)	Maximum Total Inflow (cfs)	Lateral Inflow Volume (MG)	Total Inflow Volume (MG)	Flow Volume Difference (MG)	Total Surcharge Time (hrs)	Max.Surchar ge Height Above Crown	Min.Surchar ge Depth Below Rim (ft)	Total Flood Volume (MG)	Total Flood Time (hrs)	Maximum Flood Rate (cfs)	Max.Flood Day-Time (day-time)
736	☐	SWMH-L4-005	7.65	47.58	w Maximum	3.80	0 - 09:59 hrs	0.00	49.93	0.00	5.88	2,320.99	15.99	4.15	3.80	0.00	0.00	0.00	0 - 00:00 hrs
737	☐	SWMH-L4-008	7.53	46.78	w Maximum	1.87	0 - 10:00 hrs	0.00	34.71	0.00	1.53	1,342.21	47.53	3.91	1.87	0.00	0.00	0.00	0 - 00:00 hrs
738	☐	SWMH-L4-009	7.47	46.94	w Maximum	2.61	0 - 09:57 hrs	0.00	34.75	0.00	1.51	1,644.02	47.52	3.97	2.61	0.00	0.00	0.00	0 - 00:00 hrs
739	☐	SWMH-L4-010	3.41	44.08	low Link Cro	7.34	0 - 10:04 hrs	0.00	68.81	0.00	3.26	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0 - 00:00 hrs
740	☐	SWMH-L4-011	4.14	44.69	w Maximum	8.36	0 - 10:03 hrs	0.00	68.82	0.00	3.25	473.31	0.06	0.14	8.36	0.00	0.00	0.00	0 - 00:00 hrs
741	☐	SWMH-L4-013	8.10	46.37	w Maximum	2.02	0 - 09:55 hrs	0.00	45.04	0.00	6.66	3,277.58	47.66	4.60	2.02	0.00	0.00	0.00	0 - 00:00 hrs
742	☐	SWMH-L4-014	6.46	48.92	w Maximum	1.76	0 - 10:00 hrs	0.00	38.92	0.00	5.07	667.51	3.22	2.99	1.76	0.00	0.00	0.00	0 - 00:00 hrs
743	☐	SWMH-L4-015	7.19	50.02	w Maximum	0.51	0 - 10:03 hrs	10.40	19.64	0.40	2.58	192.15	4.77	4.92	0.51	0.00	0.00	0.00	0 - 00:00 hrs
744	☐	SWMH-L4-016	6.72	52.18	w Maximum	0.23	0 - 09:57 hrs	29.69	29.69	1.31	2.53	160.93	2.61	4.30	0.23	0.00	0.00	0.00	0 - 00:00 hrs
745	☐	SWMH-L4-017	4.90	51.40	Surcharged	0.00	0 - 09:45 hrs	0.00	9.79	0.00	1.26	39.41	2.40	2.65	0.00	0.01	0.18	3.04	0 - 09:45 hrs
746	☐	SWMH-L4-018	4.71	51.72	w Maximum	0.09	0 - 09:45 hrs	0.00	17.16	0.00	1.41	-92.39	2.21	2.46	0.09	0.00	0.00	0.00	0 - 00:00 hrs
747	☐	SWMH-L4-019	7.58	47.22	w Maximum	2.92	0 - 09:57 hrs	34.72	34.72	1.50	1.50	0.00	24.00	3.91	2.92	0.00	0.00	0.00	0 - 00:00 hrs
748	☐	SWMH-L4-020	7.20	49.92	w Maximum	0.60	0 - 10:02 hrs	11.40	26.17	0.46	1.25	352.64	0.96	5.19	0.60	0.00	0.00	0.00	0 - 00:00 hrs
749	☐	SWMH-L4-021	8.88	52.22	Surcharged	0.00	0 - 09:52 hrs	18.02	18.02	0.80	0.80	0.00	0.97	6.88	0.00	0.01	0.16	3.53	0 - 10:03 hrs
750	☐	SWMH-L4-022	5.81	50.55	w Maximum	1.11	0 - 09:57 hrs	0.00	20.96	0.00	2.49	331.69	2.84	3.54	1.11	0.00	0.00	0.00	0 - 00:00 hrs
751	☐	SWMH-L4-030	6.33	50.83	w Maximum	0.00	0 - 09:49 hrs	51.55	51.55	2.57	2.57	0.00	2.63	3.35	0.00	0.21	0.58	29.01	0 - 10:03 hrs
752	☐	SWMH-L4-031	6.85	49.97	w Maximum	0.00	0 - 09:45 hrs	0.00	22.54	0.00	2.36	102.71	4.06	4.55	0.00	0.19	0.79	14.96	0 - 09:59 hrs
753	☐	SWMH-L4-032	4.00	51.13	Surcharged	0.00	0 - 09:45 hrs	0.00	17.15	0.00	0.19	0.00	2.29	2.00	0.00	0.19	0.80	17.13	0 - 10:03 hrs
754	☐	SWMH-L5-004	10.00	44.44	w Maximum	0.00	0 - 00:00 hrs	0.00	94.33	0.00	2.42	2,015.12	47.98	5.00	0.00	0.01	0.02	75.10	0 - 00:00 hrs
755	☐	SWMH-L5-005	8.20	45.90	Surcharged	0.00	0 - 00:01 hrs	0.00	51.92	0.00	2.41	1,559.88	47.95	5.45	0.00	0.00	0.00	9.39	0 - 00:01 hrs
756	☐	SWMH-L5-006	7.45	45.48	w Maximum	0.00	0 - 00:01 hrs	0.00	54.40	0.00	2.40	838.63	47.93	4.45	0.00	0.00	0.00	21.22	0 - 00:01 hrs
757	☐	SWMH-L5-007	7.35	46.13	w Maximum	0.00	0 - 00:03 hrs	0.00	29.99	0.00	2.38	1,492.70	47.88	4.85	0.00	0.00	0.00	14.56	0 - 00:03 hrs
758	☐	SWMH-L5-009	6.10	45.58	w Maximum	0.00	0 - 00:03 hrs	58.13	58.13	2.81	2.82	-43.88	47.88	3.45	0.00	0.03	0.21	11.82	0 - 00:03 hrs
759	☐	SWMH-L5-010	6.35	46.93	Surcharged	0.00	0 - 00:01 hrs	0.00	57.47	0.00	5.48	2,587.77	47.92	2.85	0.00	0.00	0.00	26.25	0 - 00:01 hrs
760	☐	SWMH-L5-012	6.07	47.80	w Maximum	0.45	0 - 10:00 hrs	23.08	57.48	0.91	5.56	-1,040.44	2.56	2.56	0.45	0.00	0.00	0.00	0 - 00:00 hrs
761	☐	SWMH-L5-013	4.80	47.91	w Maximum	0.00	0 - 09:51 hrs	0.00	50.01	0.00	4.57	663.10	1.85	1.80	0.00	0.10	0.50	14.66	0 - 09:59 hrs
762	☐	SWMH-L5-014	6.67	50.41	w Maximum	4.16	0 - 09:52 hrs	0.00	50.04	0.00	4.54	482.90	1.75	3.38	4.16	0.00	0.00	0.00	0 - 00:00 hrs
763	☐	SWMH-L5-015	6.72	51.13	w Maximum	2.08	0 - 09:52 hrs	24.73	50.07	0.96	4.53	88.66	1.77	3.72	2.08	0.00	0.00	0.00	0 - 00:00 hrs
764	☐	SWMH-L5-016	7.97	53.78	w Maximum	0.00	0 - 09:51 hrs	0.00	47.54	0.00	3.73	-514.26	1.40	4.97	0.00	0.00	0.00	8.23	0 - 09:51 hrs
765	☐	SWMH-L5-017	6.70	53.56	w Maximum	0.00	0 - 09:52 hrs	44.96	47.54	2.09	3.73	55.33	1.23	3.70	0.00	0.00	0.00	9.09	0 - 09:52 hrs
766	☐	SWMH-L5-018	6.05	53.09	w Maximum	0.00	0 - 09:52 hrs	0.00	31.93	0.00	1.85	24.96	1.36	3.80	0.00	0.21	0.42	30.38	0 - 10:03 hrs
767	☐	SWMH-L5-019	9.97	50.42	w Maximum	0.00	0 - 09:56 hrs	37.89	42.05	1.73	3.27	532.85	47.99	7.97	0.00	0.01	0.14	3.51	0 - 09:59 hrs
768	☐	SWMH-L5-020	7.60	49.90	Surcharged	0.00	0 - 09:48 hrs	0.00	17.17	0.00	1.59	531.93	47.93	5.60	0.00	0.00	0.04	0.04	0 - 10:03 hrs
769	☐	SWMH-L5-021	6.15	50.00	w Maximum	0.00	0 - 00:05 hrs	0.00	12.40	0.00	1.81	373.08	47.82	4.15	0.00	0.20	1.75	6.31	0 - 10:25 hrs
770	☐	SWMH-L5-022	6.15	50.26	Surcharged	0.00	0 - 00:05 hrs	44.50	44.50	2.11	2.11	0.00	47.82	4.15	0.00	0.31	0.96	32.10	0 - 10:03 hrs
771	☐	SWMH-L5-028	5.32	32.64	Surcharged	-0.14	0 - 14:44 hrs	0.00	8.77	0.00	4.05	1,132.81	39.78	3.31	0.00	0.00	0.00	0.00	0 - 00:00 hrs
772	☐	SWMH-L5-036	3.45	45.98	w Maximum	0.00	0 - 00:03 hrs	0.00	7.69	0.00	0.01	0.00	29.98	1.95	0.00	0.00	0.01	6.90	0 - 00:03 hrs
773	☐	SWMH-L5-037	4.75	45.15	w Maximum	0.00	0 - 00:01 hrs	0.00	8.13	0.00	0.00	0.00	47.91	3.75	0.00	0.00	0.01	7.38	0 - 00:01 hrs
774	☐	SWMH-L5-038	9.58	44.15	w Maximum	0.00	0 - 00:00 hrs	0.00	103.15	0.00	2.42	0.00	47.98	4.63	0.00	0.00	0.01	13.21	0 - 00:00 hrs
775	☐	SWMH-L5-039	5.68	51.11	w Maximum	0.00	0 - 09:51 hrs	0.00	47.55	0.00	3.73	84.00	1.46	2.68	0.00	0.16	0.50	22.19	0 - 09:59 hrs
776	☐	SWMH-L6-001	6.15	58.14	w Maximum	0.00	0 - 09:53 hrs	0.00	39.73	0.00	1.88	17.17	0.93	3.90	0.00	0.03	0.21	8.71	0 - 09:53 hrs
777	☐	SWMH-L6-002	1.75	55.65	low Link Cro	9.43	0 - 09:59 hrs	0.00	28.22	0.00	1.25	8.18	0.00	0.00	0.00	0.00	0.00	0.00	0 - 00:00 hrs
778	☐	SWMH-L6-003	1.69	64.21	low Link Cro	4.36	0 - 10:03 hrs	27.33	27.33	1.18	1.18	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0 - 00:00 hrs
779	☐	SWMH-L6-004	1.49	59.28	low Link Cro	8.16	0 - 09:59 hrs	0.00	28.30	0.00	1.25	71.46	0.00	0.00	0.00	0.00	0.00	0.00	0 - 00:00 hrs
780	☐	SWMH-L6-005	1.30	66.63	low Link Cro	6.30	0 - 09:59 hrs	28.72	28.72	1.25	1.25	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0 - 00:00 hrs
781	☐	SWMH-L6-006	2.22	56.05	low Link Cro	10.83	0 - 10:04 hrs	6.38	125.02	0.21	9.40	246.16	0.00	0.00	0.00	0.00	0.00	0.00	0 - 00:00 hrs
782	☐	SWMH-L6-007	3.25	59.01	low Link Cro	5.99	0 - 09:56 hrs	0.00	73.11	0.00	6.86	293.23	0.00	0.00	0.00	0.00	0.00	0.00	0 - 00:00 hrs
783	☐	SWMH-L6-008	5.00	71.94	Surcharged	0.00	0 - 09:57 hrs	0.00	76.71	0.00	6.86	102.62	0.53	2.00	0.00	0.00	0.00	5.44	0 - 09:57 hrs
784	☐	SWMH-L6-010	12.37	43.70	w Maximum	2.07	0 - 09:53 hrs	16.52	371.03	0.60	31.56	82,391.59	28.18	6.03	2.07	0.00	0.00	0.00	0 - 00:00 hrs

EXISTING CONDITIONS 20-YR 24-HR JUNCTIONS

		ID	Maximum Depth (ft)	Maximum HGL (ft)	Maximum HGL Head Class	Freeboard (ft)	Max.Depth Day-Time (day-time)	Maximum Lateral Inflow (cfs)	Maximum Total Inflow (cfs)	Lateral Inflow Volume (MG)	Total Inflow Volume (MG)	Flow Volume Difference (MG)	Total Surcharge Time (hrs)	Max.Surchar ge Height Above Ground (ft)	Min.Surchar ge Depth Below Rim (ft)	Total Flood Volume (MG)	Total Flood Time (hrs)	Maximum Flood Rate (cfs)	Max.Flood Day-Time (day-time)
785	☐	SWMH-L6-011	11.35	47.86	w Maximum	0.05	0 - 09:53 hrs	0.00	98.87	0.00	9.43	1,109.74	28.19	7.87	0.05	0.00	0.00	0.00	0 - 00:00 hrs
786	☐	SWMH-L6-012	4.85	47.92	w Maximum	13.65	0 - 09:59 hrs	0.00	8.48	0.00	0.00	0.00	0.43	1.85	13.65	0.00	0.00	0.00	0 - 00:00 hrs
787	☐	SWMH-L6-014	6.71	34.51	Surcharged	-2.01	0 - 16:49 hrs	0.00	8.77	0.00	4.05	1,170.48	39.77	4.71	0.00	0.00	0.00	0.00	0 - 00:00 hrs
788	☐	SWMH-L6-015	11.95	51.54	Surcharged	0.00	0 - 09:56 hrs	0.00	98.90	0.00	9.45	1,860.87	1.94	8.62	0.00	0.00	0.00	5.05	0 - 09:56 hrs
789	☐	SWMH-L6-016	1.89	71.86	low Link Cro	6.43	0 - 09:59 hrs	32.92	32.92	1.54	1.54	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0 - 00:00 hrs
790	☐	SWMH-L6-017	5.42	48.77	low Link Cro	15.18	0 - 10:04 hrs	0.00	178.79	0.00	11.83	581.11	0.00	0.00	0.00	0.00	0.00	0.00	0 - 00:00 hrs
791	☐	SWMH-L7-001	6.00	86.46	w Maximum	0.00	0 - 09:48 hrs	20.92	31.39	0.90	4.22	187.32	2.53	3.50	0.00	0.00	0.07	0.27	0 - 09:59 hrs
792	☐	SWMH-L7-002	5.43	86.46	w Maximum	0.00	0 - 09:48 hrs	40.77	51.96	1.95	3.80	218.35	2.60	2.93	0.00	0.49	0.94	47.71	0 - 09:59 hrs
793	☐	SWMH-L7-003	5.28	86.96	w Maximum	0.00	0 - 09:47 hrs	0.00	12.66	0.00	1.86	131.60	2.60	3.03	0.00	0.00	0.18	2.02	0 - 09:47 hrs
794	☐	SWMH-L7-007	0.97	80.34	low Link Cro	2.66	0 - 10:02 hrs	0.00	21.09	0.00	2.72	39.43	0.00	0.00	0.00	0.00	0.00	0.00	0 - 00:00 hrs
795	☐	SWMH-L7-008	3.84	83.79	Surcharged	0.00	0 - 09:48 hrs	17.57	39.72	0.70	2.93	1,026.55	2.56	1.34	0.00	0.21	0.86	18.60	0 - 09:59 hrs
796	☐	SWMH-L7-009	3.84	83.95	w Maximum	0.00	0 - 09:48 hrs	0.00	30.22	0.00	2.32	96.04	2.44	1.34	0.00	0.09	0.66	8.06	0 - 09:59 hrs
797	☐	SWMH-L7-010	4.43	84.99	w Maximum	0.04	0 - 09:57 hrs	0.00	30.25	0.00	2.32	112.46	2.20	1.93	0.04	0.00	0.00	0.00	0 - 00:00 hrs
798	☐	SWMH-L7-011	3.89	85.10	w Maximum	0.00	0 - 09:48 hrs	0.00	24.00	0.00	1.92	57.96	1.94	1.39	0.00	0.03	0.44	5.58	0 - 09:48 hrs
799	☐	SWMH-L7-012	4.00	86.58	Surcharged	0.00	0 - 09:51 hrs	0.00	24.02	0.00	1.92	68.33	1.22	1.50	0.00	0.00	0.00	5.11	0 - 09:51 hrs
800	☐	SWMH-L7-013	4.60	87.75	Surcharged	0.00	0 - 09:51 hrs	0.00	24.00	0.00	1.92	129.19	1.29	2.35	0.00	0.00	0.00	4.03	0 - 09:51 hrs
801	☐	SWMH-L7-014	5.00	88.63	w Maximum	0.00	0 - 09:51 hrs	42.81	42.81	2.02	2.02	0.00	1.32	2.75	0.00	0.10	0.38	18.77	0 - 09:59 hrs
802	☐	SWMH-L7-017	4.50	85.78	w Maximum	0.00	0 - 09:48 hrs	11.19	11.19	0.44	0.44	0.00	2.07	2.50	0.00	0.00	0.00	1.29	0 - 09:48 hrs
803	☐	SWMH-L7-020	7.20	86.23	Surcharged	0.00	0 - 09:48 hrs	39.48	39.48	1.75	1.75	0.00	3.29	5.20	0.00	0.38	0.89	36.37	0 - 09:59 hrs
804	☐	SWMH-L7-024	1.79	78.42	low Link Cro	2.63	0 - 09:56 hrs	11.56	32.65	0.46	3.17	322.49	0.00	0.00	0.00	0.00	0.00	0.00	0 - 00:00 hrs
805	☐	SWMH-L7-025	3.90	78.37	w Maximum	0.00	0 - 09:40 hrs	31.00	31.00	1.53	1.53	0.00	9.04	2.65	0.00	0.38	1.74	28.47	0 - 09:59 hrs
806	☐	SWMH-L7-026	3.98	77.78	w Maximum	0.00	0 - 09:56 hrs	20.64	54.15	0.89	5.20	324.64	0.55	0.98	0.00	0.04	0.21	9.28	0 - 09:56 hrs
807	☐	SWMH-L7-029	7.71	86.46	w Maximum	0.19	0 - 09:52 hrs	0.00	14.55	0.00	1.37	85.29	3.41	5.71	0.19	0.00	0.00	0.00	0 - 00:00 hrs
808	☐	SWMH-L8-001	10.60	94.80	Surcharged	0.00	0 - 09:52 hrs	10.83	80.02	0.41	10.55	491.99	3.14	6.04	0.00	0.00	0.00	50.73	0 - 09:52 hrs
809	☐	SWMH-L8-002	8.91	94.43	Surcharged	0.00	0 - 09:53 hrs	0.00	89.12	0.00	10.41	762.34	2.79	4.41	0.00	0.24	0.34	57.60	0 - 09:53 hrs
810	☐	SWMH-L8-005	5.90	96.75	w Maximum	0.00	0 - 09:56 hrs	24.06	47.71	0.94	8.01	1,007.31	4.72	2.40	0.00	0.00	0.02	10.08	0 - 09:56 hrs
811	☐	SWMH-L8-007	4.08	93.19	Surcharged	0.00	0 - 09:49 hrs	42.05	42.05	1.89	1.89	0.00	1.70	2.08	0.00	0.27	0.67	31.74	0 - 09:59 hrs
812	☐	SWMH-L8-008	8.70	95.82	w Maximum	0.00	0 - 09:55 hrs	60.90	60.90	2.44	2.44	0.00	2.51	4.54	0.00	0.01	0.01	44.68	0 - 09:55 hrs
813	☐	SWMH-L9-002	8.98	110.09	Surcharged	0.00	0 - 09:52 hrs	0.00	30.71	0.00	2.12	78.81	2.81	6.48	0.00	0.11	0.60	17.91	0 - 09:52 hrs
814	☐	SWMH-L9-003	10.10	109.91	Surcharged	0.00	0 - 09:52 hrs	32.91	42.46	1.44	3.45	370.00	3.91	7.60	0.00	0.05	0.29	11.51	0 - 09:59 hrs
815	☐	SWMH-L9-004	10.01	109.61	w Maximum	0.00	0 - 09:52 hrs	0.00	39.74	0.00	3.40	-140.30	4.01	7.51	0.00	0.00	0.07	3.53	0 - 09:52 hrs
816	☐	SWMH-L9-010	9.41	115.86	w Maximum	0.00	0 - 09:55 hrs	25.00	25.00	1.00	1.00	0.00	0.93	7.41	0.00	0.02	0.21	6.95	0 - 09:59 hrs
817	☐	SWMH-L9-011	9.97	116.14	w Maximum	0.07	0 - 09:55 hrs	0.00	18.04	0.00	0.98	-271.61	0.97	7.97	0.07	0.00	0.00	0.00	0 - 00:00 hrs
818	☐	SWMH-L9-012	10.44	115.60	w Maximum	0.21	0 - 09:55 hrs	0.00	18.03	0.00	0.98	-195.80	1.13	8.44	0.21	0.00	0.00	0.00	0 - 00:00 hrs
819	☐	SWMH-L9-014	10.50	115.00	w Maximum	0.00	0 - 09:55 hrs	0.00	18.03	0.00	0.98	18.94	1.20	8.50	0.00	0.00	0.00	6.58	0 - 09:55 hrs
820	☐	SWMH-L9-015	10.31	113.11	w Maximum	0.00	0 - 09:55 hrs	0.00	18.02	0.00	0.98	34.47	1.41	8.31	0.00	0.00	0.00	5.27	0 - 09:55 hrs
821	☐	SWMH-L9-016	9.86	111.26	Surcharged	0.00	0 - 09:53 hrs	0.00	18.03	0.00	0.98	222.18	2.15	7.86	0.00	0.00	0.00	8.18	0 - 09:53 hrs
822	☐	SWMH-L9-017	7.30	106.11	w Maximum	0.00	0 - 09:52 hrs	0.00	18.03	0.00	0.98	-156.38	4.81	5.29	0.00	0.07	0.40	15.40	0 - 09:52 hrs
823	☐	SWMH-L9-026	11.50	108.11	w Maximum	0.00	0 - 09:55 hrs	0.00	39.72	0.00	3.40	80.47	6.79	9.00	0.00	0.00	0.08	0.04	0 - 10:03 hrs
824	☐	SWMH-L9-027	11.89	107.61	w Maximum	0.00	0 - 09:52 hrs	0.00	39.69	0.00	3.40	95.05	7.74	9.39	0.00	0.02	0.32	2.34	0 - 10:06 hrs
825	☐	SWMH-L9-029	11.67	106.91	Surcharged	0.00	0 - 09:55 hrs	0.00	39.62	0.00	3.38	31.87	8.24	9.16	0.00	0.00	0.05	0.04	0 - 09:57 hrs
826	☐	SWMH-L9-030	11.40	106.31	Surcharged	0.00	0 - 09:55 hrs	46.20	74.79	1.98	5.36	182.74	7.39	7.90	0.00	0.06	0.26	15.00	0 - 09:59 hrs
827	☐	SWMH-L9-031	10.51	104.59	w Maximum	0.43	0 - 10:29 hrs	0.00	91.45	0.00	6.95	-487.48	8.27	7.01	0.43	0.00	0.00	0.00	0 - 00:00 hrs
828	☐	SWMH-L9-032	10.36	104.34	w Maximum	0.28	0 - 10:18 hrs	0.00	91.47	0.00	6.95	-287.12	8.39	6.86	0.28	0.00	0.00	0.00	0 - 00:00 hrs
829	☐	SWMH-L9-033	9.56	102.49	w Maximum	0.43	0 - 10:29 hrs	0.00	91.46	0.00	6.95	-510.56	8.92	5.56	0.43	0.00	0.00	0.00	0 - 00:00 hrs
830	☐	SWMH-L9-034	9.63	102.38	w Maximum	0.08	0 - 11:00 hrs	0.00	91.47	0.00	6.95	167.32	9.12	5.63	0.08	0.00	0.00	0.00	0 - 00:00 hrs
831	☐	SWMH-L9-036	9.59	102.11	w Maximum	0.00	0 - 10:32 hrs	0.00	91.54	0.00	6.95	205.41	9.41	5.58	0.00	0.01	0.35	3.33	0 - 10:57 hrs
832	☐	SWMH-L9-047	11.22	105.71	w Maximum	0.00	0 - 09:59 hrs	19.97	91.47	0.73	6.95	349.96	7.83	7.71	0.00	0.00	0.02	0.12	0 - 10:03 hrs
833	☐	SWMH-L9-049	11.74	107.21	w Maximum	0.00	0 - 09:52 hrs	0.00	39.68	0.00	3.38	80.95	8.02	9.24	0.00	0.00	0.24	0.23	0 - 10:03 hrs

EXISTING CONDITIONS 20-YR 24-HR JUNCTIONS

		ID	Maximum Depth (ft)	Maximum HGL (ft)	Maximum HGL Head Class	Freeboard (ft)	Max.Depth Day-Time (day-time)	Maximum Lateral Inflow (cfs)	Maximum Total Inflow (cfs)	Lateral Inflow Volume (MG)	Total Inflow Volume (MG)	Flow Volume Difference (MG)	Total Surcharge Time (hrs)	Max.Surchar ge Height Above Crown	Min.Surchar ge Depth Below Rim (ft)	Total Flood Volume (MG)	Total Flood Time (hrs)	Maximum Flood Rate (cfs)	Max.Flood Day-Time (day-time)
834	☐	SWMH-M1-001	8.81	35.80	Surcharged	0.00	0 - 08:53 hrs	2.79	54.68	0.10	19.04	5,689.73	39.15	5.12	0.00	17.15	15.01	54.68	0 - 09:59 hrs
835	☐	SWMH-M1-003	8.83	39.04	Surcharged	0.00	0 - 09:41 hrs	52.15	74.05	2.64	8.34	8,075.28	33.71	5.33	0.00	0.59	1.26	46.16	0 - 10:03 hrs
836	☐	SWMH-M1-004	5.90	36.34	Surcharged	0.00	0 - 09:48 hrs	37.20	37.20	1.59	1.59	0.00	33.14	2.90	0.00	0.14	0.56	21.18	0 - 09:59 hrs
837	☐	SWMH-M1-006	6.98	36.06	Surcharged	0.00	0 - 09:44 hrs	0.00	16.00	0.00	1.44	2,882.59	35.39	3.85	0.00	0.00	0.23	0.05	0 - 10:14 hrs
838	☐	SWMH-M1-007	8.20	36.06	w Maximum	0.00	0 - 09:51 hrs	0.00	16.02	0.00	1.41	1,306.68	36.97	4.48	0.00	0.00	0.00	0.02	0 - 09:59 hrs
839	☐	SWMH-M1-008	8.45	35.82	w Maximum	0.00	0 - 09:00 hrs	0.00	37.54	0.00	9.86	1,738.85	39.34	5.25	0.00	9.42	14.86	37.24	0 - 10:18 hrs
840	☐	SWMH-M1-009	8.52	37.34	w Maximum	0.00	0 - 09:26 hrs	0.00	27.89	0.00	7.69	10,243.54	35.41	4.86	0.00	0.26	2.49	5.63	0 - 10:36 hrs
841	☐	SWMH-M2-001	5.78	40.01	Surcharged	0.00	0 - 08:26 hrs	30.55	53.18	1.28	5.65	2,606.69	31.55	3.78	0.00	1.97	5.27	53.13	0 - 09:59 hrs
842	☐	SWMH-M2-002	8.02	44.00	w Maximum	0.00	0 - 08:26 hrs	0.00	15.40	0.00	4.29	949.10	15.02	5.52	0.00	0.00	0.00	1.18	0 - 08:26 hrs
843	☐	SWMH-M2-005	6.73	41.84	w Maximum	0.11	0 - 09:47 hrs	0.00	26.20	0.00	3.08	1,913.55	22.77	3.98	0.11	0.00	0.00	0.00	0 - 00:00 hrs
844	☐	SWMH-M2-007	5.90	43.76	Surcharged	0.00	0 - 09:55 hrs	17.73	30.28	0.76	3.10	116.99	4.64	3.15	0.00	0.00	0.04	0.07	0 - 09:59 hrs
845	☐	SWMH-M2-008	5.05	44.26	w Maximum	0.00	0 - 09:47 hrs	0.00	17.41	0.00	2.37	-101.28	3.42	2.63	0.00	0.02	0.41	3.61	0 - 09:47 hrs
846	☐	SWMH-M2-009	5.05	45.34	w Maximum	0.00	0 - 09:48 hrs	30.53	35.31	1.47	2.53	540.60	2.70	2.80	0.00	0.16	0.67	19.22	0 - 10:03 hrs
847	☐	SWMH-M2-010	5.08	45.91	w Maximum	0.00	0 - 09:48 hrs	0.00	6.09	0.00	1.06	58.75	2.60	3.08	0.00	0.00	0.01	3.06	0 - 09:48 hrs
848	☐	SWMH-M2-012	4.30	40.74	Surcharged	0.00	0 - 09:42 hrs	0.00	2.99	0.00	0.09	0.00	24.48	3.05	0.00	0.09	1.72	2.98	0 - 09:56 hrs
849	☐	SWMH-M3-001	5.35	51.82	w Maximum	0.00	0 - 08:55 hrs	51.39	51.39	2.48	2.48	0.00	7.96	3.22	0.00	0.56	1.79	43.01	0 - 10:03 hrs
850	☐	SWMH-M3-002	5.32	46.70	w Maximum	0.00	0 - 09:48 hrs	0.00	6.00	0.00	1.06	239.43	2.74	3.57	0.00	0.00	0.01	3.87	0 - 09:48 hrs
851	☐	SWMH-M3-007	7.50	51.77	Surcharged	0.00	0 - 09:42 hrs	0.00	6.38	0.00	1.06	294.98	3.23	6.00	0.00	0.00	0.00	0.56	0 - 09:42 hrs
852	☐	SWMH-M3-008	6.70	51.66	Surcharged	0.00	0 - 09:57 hrs	27.58	29.50	1.08	3.85	180.33	9.08	4.50	0.00	0.00	0.00	0.02	0 - 09:57 hrs
853	☐	SWMH-M3-009	5.80	51.21	w Maximum	0.00	0 - 08:56 hrs	24.21	41.56	1.01	2.99	108.27	8.71	3.62	0.00	0.69	2.51	41.52	0 - 09:59 hrs
854	☐	SWMH-M3-010	6.10	51.66	w Maximum	0.00	0 - 08:56 hrs	14.14	14.14	0.57	0.57	17.75	9.39	4.60	0.00	0.10	0.83	12.19	0 - 09:59 hrs
855	☐	SWMH-M3-017	5.50	49.38	Surcharged	0.00	0 - 09:41 hrs	0.00	6.97	0.00	1.22	98.49	5.42	4.00	0.00	0.00	0.08	0.01	0 - 10:17 hrs
856	☐	SWMH-M3-018	4.98	50.12	Surcharged	0.00	0 - 09:41 hrs	34.47	34.47	1.62	1.62	0.00	5.11	3.48	0.00	0.39	1.60	29.59	0 - 09:59 hrs
857	☐	SWMH-M3-024	6.76	51.64	w Maximum	0.02	0 - 09:42 hrs	0.00	6.38	0.00	1.06	107.07	6.60	5.51	0.02	0.00	0.00	0.00	0 - 00:00 hrs
858	☐	SWMH-M4-002	4.70	54.30	w Maximum	0.20	0 - 09:48 hrs	0.00	14.02	0.00	1.61	-148.44	1.79	2.69	0.20	0.00	0.00	0.00	0 - 00:00 hrs
859	☐	SWMH-M4-003	4.48	54.26	Surcharged	0.00	0 - 09:48 hrs	0.00	14.04	0.00	1.61	265.04	1.76	2.40	0.00	0.00	0.00	0.18	0 - 09:48 hrs
860	☐	SWMH-M4-004	4.40	55.27	w Maximum	0.00	0 - 09:48 hrs	38.83	38.83	1.83	1.83	0.00	1.55	2.40	0.00	0.11	0.42	18.47	0 - 10:03 hrs
861	☐	SWMH-M4-006	4.82	52.53	w Maximum	0.33	0 - 10:00 hrs	0.00	4.49	0.00	1.18	35.67	8.63	3.32	0.33	0.00	0.00	0.00	0 - 00:00 hrs
862	☐	SWMH-M4-007	4.63	52.92	w Maximum	0.42	0 - 10:00 hrs	0.00	4.48	0.00	1.18	39.90	8.09	3.13	0.42	0.00	0.00	0.00	0 - 00:00 hrs
863	☐	SWMH-M4-008	4.10	52.59	w Maximum	0.00	0 - 09:48 hrs	0.00	11.62	0.00	1.38	69.80	1.70	1.85	0.00	0.00	0.00	4.80	0 - 09:48 hrs
864	☐	SWMH-M4-011	4.05	54.04	w Maximum	0.00	0 - 09:48 hrs	34.95	34.95	1.58	1.58	0.00	1.84	2.30	0.00	0.20	0.71	23.92	0 - 09:59 hrs
865	☐	SWMH-M4-022	4.53	53.16	w Maximum	0.55	0 - 10:30 hrs	0.00	4.48	0.00	1.18	76.52	7.67	3.03	0.55	0.00	0.00	0.00	0 - 00:00 hrs
866	☐	SWMH-M4-023	4.27	53.85	w Maximum	0.23	0 - 10:45 hrs	0.00	4.48	0.00	1.18	45.80	7.26	2.52	0.23	0.00	0.00	0.00	0 - 00:00 hrs
867	☐	SWMH-M4-029	3.22	53.74	Surcharged	0.00	0 - 09:07 hrs	39.38	39.38	1.74	1.74	0.00	6.66	1.72	0.00	0.56	2.91	35.89	0 - 09:59 hrs
868	☐	SWMH-M4-031	3.98	54.47	w Maximum	0.00	0 - 09:48 hrs	0.00	20.34	0.00	1.71	12.53	1.60	1.95	0.00	0.10	0.67	7.72	0 - 10:04 hrs
869	☐	SWMH-M5-001	11.56	53.33	Surcharged	0.00	0 - 00:02 hrs	0.00	85.57	0.00	5.82	2,382.14	47.94	6.25	0.00	0.00	0.00	12.60	0 - 00:02 hrs
870	☐	SWMH-M5-002	7.71	52.44	w Maximum	0.00	0 - 00:01 hrs	0.00	40.61	0.00	1.64	1,286.99	47.94	4.96	0.00	0.00	0.00	31.36	0 - 00:01 hrs
871	☐	SWMH-M5-003	5.40	51.89	w Maximum	2.75	0 - 10:03 hrs	0.00	14.01	0.00	1.63	458.04	47.86	3.35	2.75	0.00	0.00	0.00	0 - 00:00 hrs
872	☐	SWMH-M5-004	5.31	52.44	w Maximum	1.77	0 - 09:56 hrs	0.00	14.01	0.00	1.63	240.82	3.75	3.08	1.77	0.00	0.00	0.00	0 - 00:00 hrs
873	☐	SWMH-M5-005	5.01	53.38	w Maximum	0.24	0 - 09:48 hrs	0.00	14.00	0.00	1.62	233.73	2.22	3.01	0.24	0.00	0.00	0.00	0 - 00:00 hrs
874	☐	SWMH-M5-006	9.58	51.69	w Maximum	1.72	0 - 00:02 hrs	0.00	62.80	0.00	4.17	1,966.60	47.97	5.96	1.72	0.00	0.00	0.00	0 - 00:00 hrs
875	☐	SWMH-M5-007	8.87	52.45	w Maximum	1.23	0 - 00:04 hrs	0.00	50.19	0.00	4.16	3,352.29	47.92	5.62	1.23	0.00	0.00	0.00	0 - 00:00 hrs
876	☐	SWMH-M5-008	9.50	53.76	w Maximum	0.00	0 - 00:03 hrs	54.51	54.51	2.65	4.16	3,503.72	47.87	6.42	0.00	0.00	0.03	25.86	0 - 00:03 hrs
877	☐	SWMH-M5-010	7.54	54.04	w Maximum	3.46	0 - 09:57 hrs	39.98	44.97	1.79	1.95	1,588.05	2.94	4.53	3.46	0.00	0.00	0.00	0 - 00:00 hrs
878	☐	SWMH-M5-021	5.28	53.02	w Maximum	0.22	0 - 09:48 hrs	0.00	14.01	0.00	1.63	261.14	2.76	3.28	0.22	0.00	0.00	0.00	0 - 00:00 hrs
879	☐	SWMH-M6-001	7.70	66.24	w Maximum	0.60	0 - 09:59 hrs	39.73	39.73	1.88	1.88	0.00	0.52	5.68	0.60	0.00	0.00	0.00	0 - 00:00 hrs
880	☐	SWMH-M6-002	1.68	70.35	low Link Cro	5.17	0 - 10:03 hrs	33.40	50.63	1.52	2.33	126.28	0.00	0.00	0.00	0.00	0.00	0.00	0 - 00:00 hrs
881	☐	SWMH-M6-003	1.62	73.22	low Link Cro	4.48	0 - 10:04 hrs	0.00	17.97	0.00	0.81	-323.51	0.00	0.00	0.00	0.00	0.00	0.00	0 - 00:00 hrs
882	☐	SWMH-M6-007	9.72	57.81	w Maximum	1.19	0 - 09:59 hrs	13.50	36.41	0.49	3.03	366.06	47.88	7.71	1.19	0.00	0.00	0.00	0 - 00:00 hrs

EXISTING CONDITIONS 20-YR 24-HR JUNCTIONS

		ID	Maximum Depth (ft)	Maximum HGL (ft)	Maximum HGL Head Class	Freeboard (ft)	Max.Depth Day-Time (day-time)	Maximum Lateral Inflow (cfs)	Maximum Total Inflow (cfs)	Lateral Inflow Volume (MG)	Total Inflow Volume (MG)	Flow Volume Difference (MG)	Total Surcharge Time (hrs)	Max.Surchar ge Height Above Crown	Min.Surchar ge Depth Below Rim (ft)	Total Flood Volume (MG)	Total Flood Time (hrs)	Maximum Flood Rate (cfs)	Max.Flood Day-Time (day-time)
883	☐	SWMH-M6-008	10.55	59.60	Surcharged	0.00	0 - 09:53 hrs	0.00	32.11	0.00	2.56	397.53	2.13	7.25	0.00	0.03	0.24	9.01	0 - 09:59 hrs
884	☐	SWMH-M6-009	10.05	60.13	w Maximum	0.00	0 - 09:52 hrs	0.00	16.54	0.00	1.66	-2.99	1.60	5.70	0.00	0.03	0.35	3.66	0 - 10:07 hrs
885	☐	SWMH-M6-010	1.38	62.44	low Link Cro	5.37	0 - 09:59 hrs	21.46	21.46	0.92	0.92	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0 - 00:00 hrs
886	☐	SWMH-M6-011	10.82	66.56	Surcharged	0.00	0 - 09:48 hrs	40.51	40.51	1.85	1.85	0.00	1.84	9.32	0.00	0.19	0.56	25.80	0 - 09:59 hrs
887	☐	SWMH-M7-001	2.29	74.80	low Link Cro	3.36	0 - 10:04 hrs	18.99	18.99	0.82	0.82	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0 - 00:00 hrs
888	☐	SWMH-M7-004	16.36	81.25	w Maximum	0.00	0 - 09:52 hrs	0.00	245.70	0.00	47.91	3,159.91	4.55	11.86	0.00	0.00	0.00	29.58	0 - 09:52 hrs
889	☐	SWMH-M7-005	12.17	82.82	w Maximum	0.00	0 - 09:52 hrs	0.00	245.56	0.00	46.81	4,761.89	3.98	6.17	0.00	0.00	0.00	22.83	0 - 09:52 hrs
890	☐	SWMH-M7-006	11.25	83.06	w Maximum	0.65	0 - 09:52 hrs	0.00	252.16	0.00	46.84	3,155.68	4.15	5.25	0.65	0.00	0.00	0.00	0 - 00:00 hrs
891	☐	SWMH-M7-007	1.35	55.15	low Link Cro	15.85	0 - 10:06 hrs	0.00	12.82	0.00	0.55	173.72	0.00	0.00	0.00	0.00	0.00	0.00	0 - 00:00 hrs
892	☐	SWMH-M7-008	1.38	59.33	low Link Cro	17.17	0 - 10:00 hrs	0.00	13.26	0.00	0.55	-77.70	0.00	0.00	0.00	0.00	0.00	0.00	0 - 00:00 hrs
893	☐	SWMH-M7-009	6.60	81.87	Surcharged	0.00	0 - 09:53 hrs	0.00	29.73	0.00	1.03	52.35	2.66	4.10	0.00	0.00	0.00	20.40	0 - 09:53 hrs
894	☐	SWMH-M7-010	11.30	83.42	w Maximum	0.00	0 - 09:52 hrs	0.00	35.55	0.00	3.63	375.25	15.61	8.99	0.00	0.00	0.00	0.85	0 - 09:52 hrs
895	☐	SWMH-M7-011	11.49	85.26	w Maximum	0.39	0 - 09:52 hrs	0.00	35.56	0.00	3.63	129.54	6.50	9.24	0.39	0.00	0.00	0.00	0 - 00:00 hrs
896	☐	SWMH-M7-013	6.50	82.88	w Maximum	0.00	0 - 09:53 hrs	23.11	23.11	1.03	1.03	0.00	1.46	4.29	0.00	0.00	0.01	8.40	0 - 09:53 hrs
897	☐	SWMH-M7-014	10.84	86.15	Surcharged	0.00	0 - 09:52 hrs	50.69	53.76	2.43	3.80	250.18	4.79	8.59	0.00	0.17	0.49	26.64	0 - 09:59 hrs
898	☐	SWMH-M7-016	10.98	85.25	w Maximum	0.20	0 - 09:52 hrs	0.00	35.56	0.00	3.63	2.97	5.44	8.72	0.20	0.00	0.00	0.00	0 - 00:00 hrs
899	☐	SWMH-M7-018	13.04	82.00	Surcharged	0.00	0 - 09:53 hrs	0.00	254.61	0.00	47.82	135.97	3.02	5.31	0.00	0.00	0.00	4.94	0 - 09:53 hrs
900	☐	SWMH-M7-019	14.52	82.25	w Maximum	0.00	0 - 09:52 hrs	3.50	261.58	0.12	47.93	723.38	4.50	10.02	0.00	0.00	0.00	7.09	0 - 09:52 hrs
901	☐	SWMH-M7-020	1.31	63.08	low Link Cro	17.92	0 - 09:59 hrs	13.84	13.84	0.55	0.55	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0 - 00:00 hrs
902	☐	SWMH-M7-024	7.38	81.77	w Maximum	0.00	0 - 09:53 hrs	0.00	37.50	0.00	1.05	-52.97	2.82	4.60	0.00	0.00	0.00	35.11	0 - 09:53 hrs
903	☐	SWMH-M8-001	9.60	82.31	w Maximum	0.00	0 - 09:52 hrs	17.71	294.86	0.66	45.07	2,460.24	4.17	3.60	0.00	1.84	1.27	119.16	0 - 09:59 hrs
904	☐	SWMH-M8-002	10.07	84.21	w Maximum	0.29	0 - 10:00 hrs	43.77	277.23	2.06	44.43	1,558.69	3.76	4.07	0.29	0.00	0.00	0.00	0 - 00:00 hrs
905	☐	SWMH-M8-003	10.05	84.52	w Maximum	0.00	0 - 09:52 hrs	34.55	247.50	1.53	42.41	1,415.37	3.72	4.05	0.00	0.03	0.20	26.56	0 - 09:52 hrs
906	☐	SWMH-M8-004	11.40	87.63	w Maximum	0.00	0 - 09:52 hrs	0.00	212.91	0.00	40.89	2,435.22	3.96	5.90	0.00	0.00	0.01	49.42	0 - 09:52 hrs
907	☐	SWMH-M8-005	11.40	89.31	Surcharged	0.00	0 - 09:52 hrs	0.00	227.07	0.00	40.91	2,548.87	3.88	5.90	0.00	0.00	0.01	17.66	0 - 09:52 hrs
908	☐	SWMH-M8-006	12.79	92.42	w Maximum	0.41	0 - 09:53 hrs	0.00	232.80	0.00	40.92	2,101.50	3.88	7.28	0.41	0.00	0.00	0.00	0 - 00:00 hrs
909	☐	SWMH-M8-007	14.02	95.84	w Maximum	0.26	0 - 09:53 hrs	22.55	246.01	0.86	40.95	3,657.95	3.49	8.52	0.26	0.00	0.00	0.00	0 - 00:00 hrs
910	☐	SWMH-M8-008	12.52	95.99	w Maximum	0.58	0 - 09:53 hrs	0.00	73.37	0.00	11.18	324.63	3.33	8.02	0.58	0.00	0.00	0.00	0 - 00:00 hrs
911	☐	SWMH-M8-009	8.70	84.35	w Maximum	0.00	0 - 09:52 hrs	0.00	1.09	0.00	0.00	0.00	4.59	6.45	0.00	0.00	0.00	0.90	0 - 09:52 hrs
912	☐	SWMH-M8-016	12.18	95.83	w Maximum	0.17	0 - 09:53 hrs	0.00	79.80	0.00	11.18	213.79	3.28	7.68	0.17	0.00	0.00	0.00	0 - 00:00 hrs
913	☐	SWMH-M8-017	13.90	96.55	w Maximum	0.54	0 - 09:53 hrs	0.00	178.36	0.00	28.92	705.53	3.47	8.90	0.54	0.00	0.00	0.00	0 - 00:00 hrs
914	☐	SWMH-M9-001	9.62	97.61	w Maximum	0.00	0 - 09:53 hrs	15.04	15.25	0.63	0.63	0.00	2.72	7.62	0.00	0.00	0.00	13.41	0 - 09:53 hrs
915	☐	SWMH-M9-002	10.25	101.91	Surcharged	0.00	0 - 10:48 hrs	39.92	128.62	1.59	8.53	972.74	10.65	6.25	0.00	0.02	0.30	6.03	0 - 11:03 hrs
916	☐	SWMH-M9-003	10.60	102.05	Surcharged	0.00	0 - 11:00 hrs	0.00	128.62	0.00	8.51	55.99	10.65	6.40	0.00	0.00	0.00	0.05	0 - 11:00 hrs
917	☐	SWMH-M9-004	11.58	101.17	w Maximum	2.22	0 - 09:57 hrs	360.77	360.77	23.07	23.09	1,881.99	3.02	6.96	2.22	0.00	0.00	0.00	0 - 00:00 hrs
918	☐	SWMH-M9-005	11.01	99.22	w Maximum	2.29	0 - 09:53 hrs	0.00	196.30	0.00	30.03	-205.05	3.26	6.29	2.29	0.00	0.00	0.00	0 - 00:00 hrs
919	☐	SWMH-M9-006	13.05	97.70	w Maximum	0.13	0 - 09:53 hrs	0.00	177.48	0.00	28.94	412.42	3.70	8.55	0.13	0.00	0.00	0.00	0 - 00:00 hrs
920	☐	SWMH-M9-007	13.42	97.49	w Maximum	0.00	0 - 09:53 hrs	0.00	177.40	0.00	28.94	1,188.47	3.62	8.60	0.00	0.00	0.00	0.56	0 - 09:53 hrs
921	☐	SWMH-M9-008	13.60	97.06	w Maximum	0.45	0 - 09:53 hrs	0.00	177.43	0.00	28.93	224.55	3.58	8.90	0.45	0.00	0.00	0.00	0 - 00:00 hrs
922	☐	SWMH-M9-009	14.12	96.87	w Maximum	0.28	0 - 09:53 hrs	0.00	177.59	0.00	28.93	1,292.76	3.53	9.12	0.28	0.00	0.00	0.00	0 - 00:00 hrs
923	☐	SWMH-M9-010	12.44	98.16	Surcharged	0.00	0 - 09:53 hrs	7.20	177.54	0.26	28.94	226.85	3.60	7.68	0.00	0.00	0.00	0.25	0 - 09:53 hrs
924	☐	SWMH-N1-001	15.12	38.26	Surcharged	0.00	0 - 12:30 hrs	0.00	66.24	0.00	20.18	15,699.64	41.56	9.12	0.00	0.00	0.00	0.07	0 - 12:30 hrs
925	☐	SWMH-N1-005	10.34	36.00	w Maximum	0.00	0 - 09:26 hrs	2.01	66.90	0.07	27.13	15,497.95	40.42	6.00	0.00	4.72	14.29	15.80	0 - 11:33 hrs
926	☐	SWMH-N1-006	11.82	37.51	Surcharged	0.00	0 - 09:49 hrs	28.37	60.38	1.22	14.92	8,465.22	41.64	8.32	0.00	0.19	1.86	18.90	0 - 09:59 hrs
927	☐	SWMH-N1-007	13.41	38.74	w Maximum	1.26	0 - 12:26 hrs	0.00	47.45	0.00	16.10	7,889.63	32.77	5.15	1.26	0.00	0.00	0.00	0 - 00:00 hrs
928	☐	SWMH-N1-008	12.55	39.15	w Maximum	0.20	0 - 11:41 hrs	0.00	162.22	0.00	18.38	16,324.29	33.52	6.04	0.20	0.00	0.00	0.00	0 - 00:00 hrs
929	☐	SWMH-N1-009	12.49	39.19	Surcharged	-0.40	0 - 11:45 hrs	0.00	162.20	0.00	18.50	15,736.90	33.39	5.98	0.00	0.00	0.00	0.00	0 - 00:00 hrs
930	☐	SWMH-N1-010	8.34	39.02	w Maximum	0.00	0 - 09:56 hrs	0.00	45.13	0.00	7.49	4,772.64	31.06	4.34	0.00	1.58	3.10	43.66	0 - 11:44 hrs
931	☐	SWMH-N1-014	5.90	35.82	Surcharged	0.00	0 - 08:56 hrs	12.56	12.81	0.51	0.61	0.00	37.44	4.40	0.00	0.52	14.97	12.79	0 - 09:59 hrs

EXISTING CONDITIONS 20-YR 24-HR JUNCTIONS

		ID	Maximum Depth (ft)	Maximum HGL (ft)	Maximum HGL Head Class	Freeboard (ft)	Max.Depth Day-Time (day-time)	Maximum Lateral Inflow (cfs)	Maximum Total Inflow (cfs)	Lateral Inflow Volume (MG)	Total Inflow Volume (MG)	Flow Volume Difference (MG)	Total Surcharge Time (hrs)	Max.Surchar ge Height Above Crown	Min.Surchar ge Depth Below Rim (ft)	Total Flood Volume (MG)	Total Flood Time (hrs)	Maximum Flood Rate (cfs)	Max.Flood Day-Time (day-time)
932	☐	SWMH-N1-015	7.87	38.71	w Maximum	1.24	0 - 12:26 hrs	0.00	13.31	0.00	2.40	2,836.93	29.83	2.95	1.24	0.00	0.00	0.00	0 - 00:00 hrs
933	☐	SWMH-N1-016	13.18	39.09	w Maximum	1.12	0 - 12:26 hrs	0.00	47.42	0.00	15.89	1,979.76	41.48	9.68	1.12	0.00	0.00	0.00	0 - 00:00 hrs
934	☐	SWMH-N1-017	13.38	39.14	w Maximum	0.94	0 - 12:26 hrs	0.00	47.42	0.00	15.87	2,292.62	41.60	9.87	0.94	0.00	0.00	0.00	0 - 00:00 hrs
935	☐	SWMH-N2-001	6.84	39.47	w Maximum	0.00	0 - 09:45 hrs	0.00	21.91	0.00	2.56	3,246.32	30.10	3.95	0.00	0.01	0.69	3.17	0 - 09:59 hrs
936	☐	SWMH-N2-002	6.77	40.63	w Maximum	0.13	0 - 09:57 hrs	3.95	21.91	0.14	2.57	3,082.96	29.20	4.02	0.13	0.00	0.00	0.00	0 - 00:00 hrs
937	☐	SWMH-N2-003	7.19	41.28	w Maximum	0.66	0 - 09:47 hrs	12.79	17.96	0.50	2.45	2,899.89	29.13	4.44	0.66	0.00	0.00	0.00	0 - 00:00 hrs
938	☐	SWMH-N2-004	6.76	41.50	w Maximum	1.50	0 - 09:47 hrs	0.00	11.73	0.00	1.96	1,674.49	26.22	4.01	1.50	0.00	0.00	0.00	0 - 00:00 hrs
939	☐	SWMH-N2-005	6.45	41.33	Surcharged	0.00	0 - 09:45 hrs	0.00	11.79	0.00	1.97	618.36	21.86	3.40	0.00	0.00	0.00	0.37	0 - 09:47 hrs
940	☐	SWMH-N2-007	11.66	40.00	w Maximum	0.00	0 - 09:45 hrs	14.78	183.21	0.56	28.61	24,060.73	31.68	5.66	0.00	0.02	0.22	6.61	0 - 09:59 hrs
941	☐	SWMH-N2-008	12.25	41.42	w Maximum	0.17	0 - 09:47 hrs	0.00	168.51	0.00	27.46	12,323.12	30.60	6.25	0.17	0.00	0.00	0.00	0 - 00:00 hrs
942	☐	SWMH-N2-009	11.32	41.97	w Maximum	2.00	0 - 09:47 hrs	0.00	165.41	0.00	28.01	8,054.67	20.72	3.93	2.00	0.00	0.00	0.00	0 - 00:00 hrs
943	☐	SWMH-N2-010	11.72	42.46	w Maximum	1.04	0 - 09:45 hrs	0.00	165.34	0.00	28.16	19,888.24	18.72	4.22	1.04	0.00	0.00	0.00	0 - 00:00 hrs
944	☐	SWMH-N2-011	7.27	43.79	w Maximum	0.63	0 - 09:47 hrs	10.34	20.61	0.40	2.80	622.12	8.56	4.42	0.63	0.00	0.00	0.00	0 - 00:00 hrs
945	☐	SWMH-N2-012	8.45	38.90	Surcharged	0.00	0 - 09:45 hrs	0.00	30.18	0.00	3.29	418.38	34.52	6.20	0.00	1.75	4.87	23.54	0 - 09:56 hrs
946	☐	SWMH-N2-013	8.40	38.86	Surcharged	0.00	0 - 09:45 hrs	0.00	16.65	0.00	2.32	688.39	34.51	6.15	0.00	1.63	5.34	16.65	0 - 10:00 hrs
947	☐	SWMH-N2-014	8.57	39.30	w Maximum	0.41	0 - 10:51 hrs	0.00	10.00	0.00	1.46	1,051.86	33.83	6.24	0.41	0.00	0.00	0.00	0 - 00:00 hrs
948	☐	SWMH-N2-015	8.55	39.57	Surcharged	0.00	0 - 09:47 hrs	0.00	10.00	0.00	1.47	782.17	33.48	6.30	0.00	0.00	0.02	0.03	0 - 10:53 hrs
949	☐	SWMH-N2-016	8.18	39.58	Surcharged	0.00	0 - 09:45 hrs	36.04	36.04	1.74	1.74	0.00	33.25	6.18	0.00	0.28	1.15	26.08	0 - 10:03 hrs
950	☐	SWMH-N2-017	9.11	41.45	w Maximum	0.73	0 - 09:47 hrs	0.00	13.91	0.00	1.48	1,277.82	31.34	6.86	0.73	0.00	0.00	0.00	0 - 00:00 hrs
951	☐	SWMH-N2-018	7.70	41.24	Surcharged	0.00	0 - 09:45 hrs	14.81	22.65	0.60	1.63	1,907.41	30.12	5.45	0.00	0.13	0.91	14.35	0 - 09:59 hrs
952	☐	SWMH-N2-019	6.34	41.92	w Maximum	0.71	0 - 09:48 hrs	0.00	8.33	0.00	1.04	1,087.41	23.00	4.09	0.71	0.00	0.00	0.00	0 - 00:00 hrs
953	☐	SWMH-N2-020	7.84	39.47	w Maximum	0.43	0 - 09:57 hrs	19.33	45.14	0.84	7.47	6,310.70	29.97	3.71	0.43	0.00	0.00	0.00	0 - 00:00 hrs
954	☐	SWMH-N2-022	4.40	44.86	w Maximum	0.00	0 - 09:48 hrs	25.47	25.47	1.21	1.20	0.00	2.90	2.90	0.00	0.17	0.91	17.58	0 - 09:59 hrs
955	☐	SWMH-N2-023	4.85	39.09	w Maximum	0.00	0 - 09:45 hrs	0.00	4.31	0.00	0.26	0.00	29.74	3.10	0.00	0.26	3.69	4.30	0 - 10:03 hrs
956	☐	SWMH-N3-001	6.24	49.11	Surcharged	0.00	0 - 09:52 hrs	22.37	42.91	1.00	1.30	142.47	2.19	3.49	0.00	0.04	0.24	9.42	0 - 09:59 hrs
957	☐	SWMH-N3-002	5.91	49.27	Surcharged	0.00	0 - 09:52 hrs	0.00	11.54	0.00	0.30	-19.85	2.09	3.41	0.00	0.00	0.01	11.43	0 - 09:52 hrs
958	☐	SWMH-N3-003	6.02	50.58	w Maximum	0.00	0 - 09:52 hrs	28.20	39.53	1.34	4.80	911.08	3.98	3.75	0.00	0.11	0.44	16.41	0 - 10:03 hrs
959	☐	SWMH-N3-004	6.03	51.21	w Maximum	0.29	0 - 10:00 hrs	0.00	14.29	0.00	3.46	349.43	4.09	3.78	0.29	0.00	0.00	0.00	0 - 00:00 hrs
960	☐	SWMH-N3-005	5.04	48.66	Surcharged	0.00	0 - 09:52 hrs	7.00	14.77	0.29	0.36	57.09	2.20	3.00	0.00	0.10	0.46	12.99	0 - 09:59 hrs
961	☐	SWMH-N3-007	8.45	45.20	w Maximum	0.00	0 - 09:45 hrs	25.38	74.79	1.17	9.29	-1,174.46	6.61	4.70	0.00	0.00	0.00	3.21	0 - 09:45 hrs
962	☐	SWMH-N3-008	8.74	46.76	w Maximum	0.00	0 - 09:48 hrs	0.00	51.40	0.00	8.13	1,208.58	5.01	4.99	0.00	0.00	0.00	12.43	0 - 09:48 hrs
963	☐	SWMH-N3-010	5.54	48.12	Surcharged	0.00	0 - 09:41 hrs	28.20	32.92	1.37	2.87	206.84	5.26	3.54	0.00	0.05	0.34	9.94	0 - 10:03 hrs
964	☐	SWMH-N3-011	5.59	51.27	w Maximum	0.53	0 - 10:11 hrs	0.00	8.38	0.00	2.09	89.49	5.62	3.84	0.53	0.00	0.00	0.00	0 - 00:00 hrs
965	☐	SWMH-N3-012	4.89	51.29	w Maximum	0.00	0 - 09:52 hrs	0.00	8.37	0.00	2.10	111.22	6.54	3.39	0.00	0.00	0.51	0.24	0 - 10:03 hrs
966	☐	SWMH-N3-013	4.90	51.80	Surcharged	0.00	0 - 09:37 hrs	28.23	31.65	1.33	2.50	260.71	10.05	3.40	0.00	0.41	1.66	28.01	0 - 10:03 hrs
967	☐	SWMH-N3-014	9.22	47.62	Surcharged	0.00	0 - 09:48 hrs	42.45	73.89	1.93	8.27	103.06	5.32	5.50	0.00	0.14	0.36	24.43	0 - 09:59 hrs
968	☐	SWMH-N3-019	4.74	49.07	Surcharged	0.00	0 - 09:42 hrs	9.68	9.68	0.37	0.37	23.27	5.03	3.74	0.00	0.05	0.78	6.85	0 - 09:59 hrs
969	☐	SWMH-N3-020	5.90	48.50	w Maximum	0.00	0 - 09:41 hrs	0.00	6.97	0.00	1.22	144.51	6.84	4.40	0.00	0.00	0.35	0.11	0 - 10:02 hrs
970	☐	SWMH-N3-024	10.23	49.53	w Maximum	0.00	0 - 09:52 hrs	10.44	55.45	0.39	6.73	1,882.91	2.09	3.67	0.00	0.00	0.00	23.90	0 - 09:52 hrs
971	☐	SWMH-N3-026	4.80	49.67	Surcharged	0.00	0 - 09:52 hrs	0.00	7.64	0.00	0.13	0.00	4.60	2.95	0.00	0.13	0.71	7.64	0 - 10:17 hrs
972	☐	SWMH-N4-001	5.65	51.22	Surcharged	0.00	0 - 09:52 hrs	16.27	30.74	0.68	1.56	216.67	2.91	3.37	0.00	0.18	0.52	22.81	0 - 09:59 hrs
973	☐	SWMH-N4-002	8.10	50.67	Surcharged	0.00	0 - 09:52 hrs	0.00	80.10	0.00	9.52	308.64	2.35	4.10	0.00	0.00	0.00	39.32	0 - 09:52 hrs
974	☐	SWMH-N4-003	6.80	51.44	w Maximum	0.00	0 - 09:52 hrs	4.22	32.16	0.14	3.26	153.35	2.46	3.72	0.00	0.00	0.04	2.84	0 - 09:52 hrs
975	☐	SWMH-N4-004	6.40	55.17	w Maximum	0.00	0 - 09:52 hrs	0.00	26.70	0.00	2.77	129.37	1.91	3.58	0.00	0.00	0.01	0.64	0 - 09:52 hrs
976	☐	SWMH-N4-005	6.36	55.61	w Maximum	0.00	0 - 09:52 hrs	18.87	26.72	0.80	2.77	119.43	2.09	3.86	0.00	0.00	0.00	0.23	0 - 09:52 hrs
977	☐	SWMH-N4-006	6.15	55.23	w Maximum	0.00	0 - 09:52 hrs	0.00	17.98	0.00	2.03	451.24	2.81	3.98	0.00	0.03	0.27	7.35	0 - 09:59 hrs
978	☐	SWMH-N4-007	6.08	56.01	w Maximum	0.00	0 - 09:48 hrs	50.89	50.89	2.47	2.48	254.81	3.24	4.08	0.00	0.44	0.92	41.89	0 - 10:03 hrs
979	☐	SWMH-N4-008	6.09	56.35	w Maximum	0.78	0 - 09:45 hrs	0.00	2.28	0.00	0.02	35.06	2.80	4.09	0.78	0.00	0.00	0.00	0 - 00:00 hrs
980	☐	SWMH-N4-009	7.68	51.28	Surcharged	0.00	0 - 09:52 hrs	0.00	21.77	0.00	1.25	517.39	2.65	5.12	0.00	0.00	0.00	3.82	0 - 09:52 hrs

EXISTING CONDITIONS 20-YR 24-HR JUNCTIONS

		ID	Maximum Depth (ft)	Maximum HGL (ft)	Maximum HGL Head Class	Freeboard (ft)	Max.Depth Day-Time (day-time)	Maximum Lateral Inflow (cfs)	Maximum Total Inflow (cfs)	Lateral Inflow Volume (MG)	Total Inflow Volume (MG)	Flow Volume Difference (MG)	Total Surcharge Time (hrs)	Max.Surchar ge Height Above Ground (ft)	Min.Surchar ge Depth Below Rim (ft)	Total Flood Volume (MG)	Total Flood Time (hrs)	Maximum Flood Rate (cfs)	Max.Flood Day-Time (day-time)
981	☐	SWMH-N4-010	7.30	51.56	w Maximum	0.00	0 - 09:52 hrs	13.27	30.10	0.53	1.29	52.18	2.42	4.80	0.00	0.04	0.29	9.01	0 - 09:59 hrs
982	☐	SWMH-N4-011	5.50	51.76	w Maximum	0.00	0 - 09:49 hrs	13.39	35.84	0.54	3.71	614.09	2.41	2.95	0.00	0.08	0.44	11.27	0 - 09:59 hrs
983	☐	SWMH-N4-012	5.28	52.15	Surcharged	0.00	0 - 09:49 hrs	0.00	28.28	0.00	3.18	303.43	2.38	2.73	0.00	0.00	0.02	0.09	0 - 09:49 hrs
984	☐	SWMH-N4-021	7.34	50.57	Surcharged	0.00	0 - 09:52 hrs	9.30	34.41	0.36	1.80	-244.58	2.61	4.44	0.00	0.00	0.00	14.78	0 - 09:52 hrs
985	☐	SWMH-N4-022	6.00	50.67	Surcharged	0.00	0 - 09:52 hrs	0.00	22.77	0.00	0.20	211.77	2.59	4.50	0.00	0.00	0.01	22.45	0 - 09:52 hrs
986	☐	SWMH-N4-025	6.28	57.85	Surcharged	0.00	0 - 09:45 hrs	0.00	1.47	0.00	0.00	0.00	2.38	4.78	0.00	0.00	0.00	1.01	0 - 09:45 hrs
987	☐	SWMH-N4-026	4.50	54.80	Surcharged	0.00	0 - 09:45 hrs	0.00	2.07	0.00	0.02	0.00	2.42	3.25	0.00	0.02	0.49	2.07	0 - 10:07 hrs
988	☐	SWMH-N4-030	7.05	52.10	Surcharged	0.00	0 - 09:52 hrs	0.00	28.72	0.00	0.78	-224.12	1.78	3.28	0.00	0.01	0.18	24.33	0 - 09:52 hrs
989	☐	SWMH-N4-031	5.43	52.33	Surcharged	0.00	0 - 09:49 hrs	72.26	72.26	3.88	3.88	0.00	2.64	2.73	0.00	0.71	1.01	59.50	0 - 10:03 hrs
990	☐	SWMH-N4-032	6.25	51.33	w Maximum	0.00	0 - 09:52 hrs	2.92	51.59	0.09	4.69	-252.30	2.21	3.25	0.00	0.03	0.25	44.96	0 - 09:52 hrs
991	☐	SWMH-N4-033	6.10	55.37	Surcharged	0.00	0 - 09:52 hrs	0.00	18.00	0.00	1.98	28.20	2.36	4.10	0.00	0.00	0.02	0.36	0 - 09:52 hrs
992	☐	SWMH-N5-001	13.06	53.92	w Maximum	8.68	0 - 09:56 hrs	48.74	176.65	2.12	21.16	15,718.56	5.10	3.93	8.68	0.00	0.00	0.00	0 - 00:00 hrs
993	☐	SWMH-N5-003	8.72	53.98	w Maximum	0.52	0 - 09:56 hrs	0.00	30.77	0.00	1.50	5,165.56	47.46	4.72	0.52	0.00	0.00	0.00	0 - 00:00 hrs
994	☐	SWMH-N5-004	8.14	53.97	w Maximum	2.03	0 - 09:56 hrs	0.00	17.72	0.00	1.46	2,771.40	6.64	4.14	2.03	0.00	0.00	0.00	0 - 00:00 hrs
995	☐	SWMH-N5-005	6.37	53.94	w Maximum	0.36	0 - 09:57 hrs	0.00	10.97	0.00	1.43	1,316.23	14.01	4.37	0.36	0.00	0.00	0.00	0 - 00:00 hrs
996	☐	SWMH-N5-007	5.19	53.80	w Maximum	0.00	0 - 09:45 hrs	38.65	38.65	1.78	1.78	0.00	4.58	3.19	0.00	0.37	0.93	36.01	0 - 09:59 hrs
997	☐	SWMH-N5-009	3.43	51.38	Surcharged	0.00	0 - 09:47 hrs	0.00	45.28	0.00	0.46	400.50	1.61	0.68	0.00	0.41	0.72	45.27	0 - 10:03 hrs
998	☐	SWMH-N5-013	6.07	53.22	w Maximum	3.81	0 - 09:57 hrs	0.00	44.99	0.00	0.54	741.40	2.31	3.32	3.81	0.00	0.00	0.00	0 - 00:00 hrs
999	☐	SWMH-N5-015	3.70	53.57	w Maximum	0.00	0 - 09:48 hrs	0.00	6.97	0.00	0.03	0.00	1.84	1.70	0.00	0.02	0.22	6.95	0 - 09:59 hrs
1000	☐	SWMH-N6-001	18.38	56.26	Surcharged	0.00	0 - 00:00 hrs	0.00	383.68	0.00	22.04	12,073.07	47.98	13.25	0.00	0.01	0.00	251.30	0 - 00:00 hrs
1001	☐	SWMH-N6-002	10.05	56.78	w Maximum	2.49	0 - 10:03 hrs	38.01	72.39	1.84	8.00	1,925.02	47.92	7.30	2.49	0.00	0.00	0.00	0 - 00:00 hrs
1002	☐	SWMH-N6-003	10.08	58.59	w Maximum	2.57	0 - 10:03 hrs	0.00	41.86	0.00	6.12	1,967.50	4.39	6.73	2.57	0.00	0.00	0.00	0 - 00:00 hrs
1003	☐	SWMH-N6-004	7.95	61.33	w Maximum	0.00	0 - 09:56 hrs	0.00	4.19	0.00	0.00	0.00	0.43	6.45	0.00	0.00	0.01	3.39	0 - 09:56 hrs
1004	☐	SWMH-N6-005	9.20	61.47	w Maximum	0.28	0 - 09:57 hrs	22.42	22.42	0.90	0.90	61.05	0.47	6.96	0.28	0.00	0.00	0.00	0 - 00:00 hrs
1005	☐	SWMH-N6-006	9.65	54.61	w Maximum	6.28	0 - 09:56 hrs	0.00	28.44	0.00	0.93	646.38	47.96	7.47	6.28	0.00	0.00	0.00	0 - 00:00 hrs
1006	☐	SWMH-N6-013	7.41	54.80	w Maximum	4.20	0 - 09:57 hrs	0.00	36.42	0.00	3.03	468.50	47.97	5.40	4.20	0.00	0.00	0.00	0 - 00:00 hrs
1007	☐	SWMH-N6-014?	7.32	53.27	w Maximum	0.00	0 - 00:00 hrs	0.00	53.11	0.00	3.03	690.93	47.99	4.82	0.00	0.00	0.00	41.14	0 - 00:00 hrs
1008	☐	SWMH-N6-017	12.50	58.53	Surcharged	0.00	0 - 00:01 hrs	0.00	80.13	0.00	8.00	2,022.01	47.94	9.00	0.00	0.00	0.00	36.27	0 - 00:01 hrs
1009	☐	SWMH-N7-003	5.26	57.72	Flow Link Cro	9.10	0 - 10:10 hrs	0.00	83.95	0.00	7.22	1,455.09	0.00	0.00	0.00	0.00	0.00	0.00	0 - 00:00 hrs
1010	☐	SWMH-N7-004	4.74	57.99	w Maximum	6.51	0 - 10:10 hrs	0.00	24.55	0.00	6.74	890.12	11.06	2.23	6.51	0.00	0.00	0.00	0 - 00:00 hrs
1011	☐	SWMH-N7-005	4.64	60.53	w Maximum	7.97	0 - 09:53 hrs	0.00	24.60	0.00	6.72	256.85	1.56	2.14	7.97	0.00	0.00	0.00	0 - 00:00 hrs
1012	☐	SWMH-N7-006	7.19	68.00	w Maximum	0.00	0 - 09:18 hrs	47.28	58.28	2.65	7.16	990.84	10.07	5.19	0.00	0.43	1.35	35.15	0 - 10:03 hrs
1013	☐	SWMH-N7-007	5.50	64.78	w Maximum	0.00	0 - 09:53 hrs	12.28	12.28	0.46	0.46	0.00	0.65	4.00	0.00	0.00	0.04	1.11	0 - 09:59 hrs
1014	☐	SWMH-N8-001	1.81	64.13	Flow Link Cro	7.87	0 - 10:38 hrs	0.00	25.20	0.00	3.26	124.25	0.00	0.00	0.00	0.00	0.00	0.00	0 - 00:00 hrs
1015	☐	SWMH-N8-002	10.92	80.00	w Maximum	0.00	0 - 09:51 hrs	59.25	59.25	3.56	3.56	0.00	2.97	8.92	0.00	0.30	0.80	34.03	0 - 10:03 hrs
1016	☐	SWMH-N8-003	2.13	69.59	Flow Link Cro	8.11	0 - 10:04 hrs	0.00	51.00	0.00	3.04	-400.50	0.00	0.00	0.00	0.00	0.00	0.00	0 - 00:00 hrs
1017	☐	SWMH-N8-004	2.87	72.45	Flow Link Cro	2.55	0 - 10:04 hrs	51.81	51.81	3.04	3.04	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0 - 00:00 hrs
1018	☐	SWMH-N8-005	7.65	71.00	w Maximum	0.00	0 - 09:12 hrs	26.00	43.07	1.29	5.69	1,314.14	12.33	5.65	0.00	1.17	4.26	32.07	0 - 10:03 hrs
1019	☐	SWMH-N8-007	12.71	78.80	Surcharged	0.00	0 - 09:12 hrs	93.37	93.37	5.99	5.99	0.00	11.66	10.71	0.00	1.58	3.42	76.27	0 - 10:03 hrs
1020	☐	SWMH-O1-001	12.61	39.10	Surcharged	-1.21	0 - 12:30 hrs	0.00	235.16	0.00	39.85	36,321.54	33.59	6.06	0.00	0.00	0.00	0.00	0 - 00:00 hrs
1021	☐	SWMH-O2-001	10.27	40.03	Surcharged	-0.03	0 - 11:34 hrs	0.00	91.20	0.00	17.39	18,801.58	31.56	5.45	0.00	0.00	0.00	0.00	0 - 00:00 hrs
1022	☐	SWMH-O2-002	10.33	41.01	Surcharged	-0.01	0 - 09:57 hrs	15.12	91.19	0.59	16.75	16,161.64	30.95	5.83	0.00	0.00	0.00	0.00	0 - 00:00 hrs
1023	☐	SWMH-O2-003	11.27	43.26	Surcharged	-0.26	0 - 09:57 hrs	43.80	116.82	1.99	19.97	32,019.54	27.75	5.74	0.00	0.00	0.00	0.00	0 - 00:00 hrs
1024	☐	SWMH-O2-005	9.11	39.94	w Maximum	2.06	0 - 09:53 hrs	0.00	9.87	0.00	1.52	3,134.17	30.47	4.31	2.06	0.00	0.00	0.00	0 - 00:00 hrs
1025	☐	SWMH-O2-006	8.39	39.94	w Maximum	0.13	0 - 09:51 hrs	13.63	13.63	0.55	1.56	1,975.29	34.23	5.33	0.13	0.00	0.00	0.00	0 - 00:00 hrs
1026	☐	SWMH-O2-007	8.23	40.04	w Maximum	0.00	0 - 09:48 hrs	17.40	34.16	0.74	1.42	747.56	41.61	5.73	0.00	0.08	0.40	16.01	0 - 09:59 hrs
1027	☐	SWMH-O2-008	8.35	40.62	Surcharged	0.00	0 - 09:56 hrs	16.83	16.83	0.68	0.68	0.00	37.82	6.10	0.00	0.00	0.03	0.07	0 - 09:59 hrs
1028	☐	SWMH-O2-009	7.20	42.07	Surcharged	0.00	0 - 09:47 hrs	0.00	70.69	0.00	4.42	2,795.61	18.36	3.63	0.00	1.63	1.80	70.66	0 - 09:59 hrs
1029	☐	SWMH-O2-013	7.32	43.19	w Maximum	1.20	0 - 09:47 hrs	0.00	34.58	0.00	5.45	-447.92	6.58	3.10	1.20	0.00	0.00	0.00	0 - 00:00 hrs

EXISTING CONDITIONS 20-YR 24-HR JUNCTIONS

		ID	Maximum Depth (ft)	Maximum HGL (ft)	Maximum HGL Head Class	Freeboard (ft)	Max.Depth Day-Time (day-time)	Maximum Lateral Inflow (cfs)	Maximum Total Inflow (cfs)	Lateral Inflow Volume (MG)	Total Inflow Volume (MG)	Flow Volume Difference (MG)	Total Surcharge Time (hrs)	Max.Surchar ge Height Above Crown	Min.Surchar ge Depth Below Rim (ft)	Total Flood Volume (MG)	Total Flood Time (hrs)	Maximum Flood Rate (cfs)	Max.Flood Day-Time (day-time)
1030	☐	SWMH-O2-014	11.93	43.16	w Maximum	1.40	0 - 09:47 hrs	0.00	139.95	0.00	24.76	17,864.19	8.89	3.80	1.40	0.00	0.00	0.00	0 - 00:00 hrs
1031	☐	SWMH-O2-016	8.08	39.76	Surcharged	0.00	0 - 09:38 hrs	0.00	23.19	0.00	1.35	0.00	33.10	5.08	0.00	0.34	1.28	23.16	0 - 09:59 hrs
1032	☐	SWMH-O3-002	7.84	45.06	w Maximum	0.00	0 - 09:47 hrs	0.30	23.12	0.01	2.14	1,666.74	6.79	5.00	0.00	0.00	0.00	9.48	0 - 09:47 hrs
1033	☐	SWMH-O3-005	8.50	49.24	w Maximum	0.00	0 - 09:52 hrs	16.58	32.65	0.65	2.20	491.39	3.32	5.75	0.00	0.00	0.00	13.04	0 - 09:52 hrs
1034	☐	SWMH-O3-006	7.52	49.23	w Maximum	0.00	0 - 09:52 hrs	0.00	25.36	0.00	1.55	0.63	2.83	4.77	0.00	0.00	0.00	14.37	0 - 09:52 hrs
1035	☐	SWMH-O3-007	6.58	49.36	w Maximum	0.00	0 - 09:52 hrs	0.00	42.95	0.00	1.02	419.48	2.16	3.80	0.00	0.00	0.00	19.01	0 - 09:52 hrs
1036	☐	SWMH-O3-008	7.35	49.70	w Maximum	0.00	0 - 09:52 hrs	0.00	14.60	0.00	0.54	2.77	2.89	5.30	0.00	0.00	0.00	12.81	0 - 09:52 hrs
1037	☐	SWMH-O3-009	6.74	49.35	Surcharged	0.00	0 - 09:53 hrs	0.00	17.39	0.00	0.54	56.12	2.60	4.66	0.00	0.00	0.00	15.20	0 - 09:53 hrs
1038	☐	SWMH-O3-010	12.27	43.58	w Maximum	1.38	0 - 09:56 hrs	3.78	139.91	0.13	13.97	9,983.71	29.54	6.76	1.38	0.00	0.00	0.00	0 - 00:00 hrs
1039	☐	SWMH-O3-013	13.06	45.22	w Maximum	0.00	0 - 09:45 hrs	33.08	137.13	1.56	14.04	14,956.50	25.57	7.56	0.00	0.00	0.04	1.30	0 - 09:59 hrs
1040	☐	SWMH-O3-014	13.30	46.70	w Maximum	0.00	0 - 09:45 hrs	0.00	104.11	0.00	12.57	3,157.61	13.00	7.80	0.00	0.00	0.00	0.99	0 - 09:45 hrs
1041	☐	SWMH-O3-015	13.18	46.68	w Maximum	0.00	0 - 09:45 hrs	0.00	104.18	0.00	12.59	2,902.10	17.03	8.18	0.00	0.00	0.00	1.80	0 - 09:51 hrs
1042	☐	SWMH-O3-016	12.94	48.35	w Maximum	0.31	0 - 09:51 hrs	32.03	104.03	1.45	12.64	1,107.19	6.46	7.94	0.31	0.00	0.00	0.00	0 - 00:00 hrs
1043	☐	SWMH-O3-017	12.84	48.67	w Maximum	0.96	0 - 09:51 hrs	0.00	82.77	0.00	11.21	2,429.90	6.70	8.34	0.96	0.00	0.00	0.00	0 - 00:00 hrs
1044	☐	SWMH-O3-018	12.30	49.88	w Maximum	0.00	0 - 09:49 hrs	19.87	82.78	0.88	11.21	417.21	3.99	7.30	0.00	0.00	0.00	29.52	0 - 09:49 hrs
1045	☐	SWMH-O3-019	10.04	49.85	w Maximum	0.00	0 - 09:51 hrs	0.00	75.55	0.00	10.35	831.42	2.94	5.52	0.00	0.00	0.00	25.64	0 - 09:51 hrs
1046	☐	SWMH-O3-020	7.85	45.99	Surcharged	0.00	0 - 09:45 hrs	0.00	131.31	0.00	18.63	5,305.37	7.04	3.35	0.00	1.63	1.90	78.82	0 - 10:03 hrs
1047	☐	SWMH-O3-021	8.56	47.07	w Maximum	1.39	0 - 10:03 hrs	43.10	139.10	2.09	18.98	1,320.82	6.80	4.06	1.39	0.00	0.00	0.00	0 - 00:00 hrs
1048	☐	SWMH-O3-022	9.02	48.55	w Maximum	0.00	0 - 09:49 hrs	0.00	130.42	0.00	17.00	4,083.80	5.58	4.02	0.00	0.27	0.65	34.12	0 - 09:59 hrs
1049	☐	SWMH-O3-025	7.83	49.19	w Maximum	0.00	0 - 09:51 hrs	0.00	17.63	0.00	1.59	-23.16	3.40	5.62	0.00	0.00	0.00	0.92	0 - 09:51 hrs
1050	☐	SWMH-O3-031	6.53	49.40	Surcharged	0.00	0 - 09:49 hrs	0.00	5.64	0.00	0.29	-39.58	5.62	4.78	0.00	0.00	0.05	5.26	0 - 09:49 hrs
1051	☐	SWMH-O3-032	5.82	49.42	Surcharged	0.00	0 - 09:51 hrs	0.00	7.65	0.00	0.31	-52.24	5.10	4.19	0.00	0.02	0.72	7.02	0 - 09:51 hrs
1052	☐	SWMH-O3-033	5.46	49.86	w Maximum	0.00	0 - 09:51 hrs	9.36	9.36	0.35	0.35	113.07	4.69	3.60	0.00	0.01	0.22	2.67	0 - 09:51 hrs
1053	☐	SWMH-O3-034	5.60	45.85	w Maximum	0.00	0 - 09:45 hrs	10.46	18.26	0.40	0.74	0.00	8.05	4.10	0.00	0.52	2.16	18.25	0 - 09:59 hrs
1054	☐	SWMH-O3-036	7.45	49.19	Surcharged	0.00	0 - 09:51 hrs	18.37	20.24	0.79	1.09	178.19	6.55	5.43	0.00	0.09	0.64	12.79	0 - 09:59 hrs
1055	☐	SWMH-O4-001	8.89	50.24	w Maximum	0.00	0 - 09:51 hrs	0.00	61.39	0.00	8.76	547.86	2.61	4.82	0.00	0.00	0.00	19.85	0 - 09:51 hrs
1056	☐	SWMH-O4-002	7.15	52.76	w Maximum	0.00	0 - 09:52 hrs	0.00	28.80	0.00	3.13	-73.06	2.21	4.08	0.00	0.00	0.00	8.89	0 - 09:52 hrs
1057	☐	SWMH-O4-003	8.32	54.58	w Maximum	0.00	0 - 09:52 hrs	5.40	29.03	0.19	3.13	-115.01	2.15	5.25	0.00	0.00	0.00	8.58	0 - 09:52 hrs
1058	☐	SWMH-O4-004	9.10	56.03	Surcharged	0.00	0 - 09:52 hrs	5.08	29.10	0.17	2.94	222.08	2.09	6.10	0.00	0.00	0.00	9.87	0 - 09:52 hrs
1059	☐	SWMH-O4-005	7.25	54.81	Surcharged	0.00	0 - 09:52 hrs	0.00	26.18	0.00	2.77	269.72	2.16	4.43	0.00	0.00	0.01	2.74	0 - 09:52 hrs
1060	☐	SWMH-O4-006	6.92	53.47	Surcharged	0.00	0 - 09:51 hrs	24.62	64.98	1.17	6.35	817.51	4.27	3.86	0.00	0.65	1.09	46.06	0 - 09:59 hrs
1061	☐	SWMH-O4-007	6.95	55.58	w Maximum	0.00	0 - 09:52 hrs	34.28	49.39	1.52	4.25	671.34	3.19	3.90	0.00	0.00	0.00	22.89	0 - 09:52 hrs
1062	☐	SWMH-O4-008	8.22	57.09	Surcharged	0.00	0 - 09:52 hrs	0.00	21.35	0.00	2.73	523.95	2.84	4.88	0.00	0.00	0.00	15.54	0 - 09:52 hrs
1063	☐	SWMH-O4-010	6.15	54.20	w Maximum	0.00	0 - 09:51 hrs	0.00	11.35	0.00	1.08	133.39	4.16	4.15	0.00	0.00	0.04	7.48	0 - 09:51 hrs
1064	☐	SWMH-O4-013	7.90	49.65	Surcharged	0.00	0 - 09:51 hrs	0.00	17.67	0.00	1.59	203.44	3.34	5.72	0.00	0.00	0.00	0.74	0 - 09:51 hrs
1065	☐	SWMH-O4-014	7.68	49.67	Surcharged	0.00	0 - 09:51 hrs	0.00	17.66	0.00	1.59	-66.21	3.25	5.47	0.00	0.00	0.01	0.48	0 - 09:51 hrs
1066	☐	SWMH-O4-015	7.51	50.11	w Maximum	0.00	0 - 09:49 hrs	36.33	36.33	1.80	1.80	0.00	2.95	5.13	0.00	0.21	0.67	25.17	0 - 10:03 hrs
1067	☐	SWMH-O4-016	7.40	54.35	Surcharged	0.00	0 - 09:48 hrs	22.95	24.34	1.00	1.16	216.40	3.59	5.90	0.00	0.19	0.93	19.11	0 - 09:59 hrs
1068	☐	SWMH-O4-018	5.58	58.50	Surcharged	0.00	0 - 09:52 hrs	0.00	2.85	0.00	0.69	320.89	6.35	4.58	0.00	0.00	0.01	0.05	0 - 09:52 hrs
1069	☐	SWMH-O4-019	4.55	49.85	Surcharged	0.00	0 - 09:52 hrs	0.00	5.20	0.00	0.00	0.00	2.27	3.55	0.00	0.00	0.00	4.78	0 - 09:52 hrs
1070	☐	SWMH-O4-020	7.60	49.34	Surcharged	0.00	0 - 09:52 hrs	21.34	91.26	0.95	9.17	545.56	2.50	3.20	0.00	0.39	0.60	50.03	0 - 09:59 hrs
1071	☐	SWMH-O4-023	5.05	56.11	Surcharged	0.00	0 - 09:52 hrs	12.17	12.17	0.47	0.47	0.00	2.92	3.80	0.00	0.07	0.65	9.30	0 - 09:59 hrs
1072	☐	SWMH-O4-025	5.90	56.32	Surcharged	0.00	0 - 09:52 hrs	0.00	9.40	0.00	0.01	0.00	2.79	4.15	0.00	0.00	0.01	8.87	0 - 09:52 hrs
1073	☐	SWMH-O4-026	7.72	56.69	Surcharged	0.00	0 - 09:52 hrs	0.00	19.61	0.00	0.80	73.89	2.46	3.80	0.00	0.00	0.01	17.59	0 - 09:52 hrs
1074	☐	SWMH-O4-030	4.85	56.41	Surcharged	0.00	0 - 09:49 hrs	7.98	7.98	0.29	0.29	69.79	2.63	3.75	0.00	0.02	0.30	3.76	0 - 09:59 hrs
1075	☐	SWMH-O5-001	12.33	54.42	w Maximum	4.32	0 - 09:56 hrs	0.00	126.07	0.00	17.37	8,073.27	47.86	7.31	4.32	0.00	0.00	0.00	0 - 00:00 hrs
1076	☐	SWMH-O5-002	12.34	55.19	w Maximum	2.31	0 - 09:56 hrs	0.00	126.05	0.00	17.31	9,798.41	47.71	7.05	2.31	0.00	0.00	0.00	0 - 00:00 hrs
1077	☐	SWMH-O5-003	12.10	56.23	w Maximum	3.17	0 - 09:56 hrs	0.00	111.06	0.00	15.37	13,312.23	46.77	6.91	3.17	0.00	0.00	0.00	0 - 00:00 hrs
1078	☐	SWMH-O5-004	11.88	56.83	w Maximum	1.02	0 - 09:57 hrs	0.00	111.06	0.00	15.25	7,373.13	8.96	6.88	1.02	0.00	0.00	0.00	0 - 00:00 hrs

EXISTING CONDITIONS 20-YR 24-HR JUNCTIONS

		ID	Maximum Depth (ft)	Maximum HGL (ft)	Maximum HGL Head Class	Freeboard (ft)	Max.Depth Day-Time (day-time)	Maximum Lateral Inflow (cfs)	Maximum Total Inflow (cfs)	Lateral Inflow Volume (MG)	Total Inflow Volume (MG)	Flow Volume Difference (MG)	Total Surcharge Time (hrs)	Max.Surchar ge Height Above Ground	Min.Surchar ge Depth Below Rim (ft)	Total Flood Volume (MG)	Total Flood Time (hrs)	Maximum Flood Rate (cfs)	Max.Flood Day-Time (day-time)
1079	☐	SWMH-O5-005	11.77	57.41	w Maximum	0.28	0 - 10:03 hrs	0.00	111.07	0.00	15.18	4,578.42	4.96	6.63	0.28	0.00	0.00	0.00	0 - 00:00 hrs
1080	☐	SWMH-O5-006	11.50	57.68	Surcharged	0.00	0 - 09:48 hrs	0.00	177.21	0.00	15.75	3,952.42	4.19	6.42	0.00	0.62	0.61	74.78	0 - 10:03 hrs
1081	☐	SWMH-O5-007	11.65	58.71	w Maximum	0.79	0 - 10:03 hrs	82.48	177.21	4.48	15.70	3,416.61	3.35	6.65	0.79	0.00	0.00	0.00	0 - 00:00 hrs
1082	☐	SWMH-O5-009	5.50	57.63	w Maximum	0.00	0 - 09:52 hrs	0.00	14.46	0.00	1.08	491.89	2.51	3.10	0.00	0.07	1.00	14.09	0 - 09:52 hrs
1083	☐	SWMH-O5-010	8.40	59.83	Surcharged	0.00	0 - 09:52 hrs	20.43	20.43	0.81	1.99	0.00	3.45	4.85	0.00	0.00	0.00	0.02	0 - 09:52 hrs
1084	☐	SWMH-O5-013	4.90	58.05	w Maximum	0.00	0 - 09:52 hrs	28.88	28.88	1.34	1.34	0.00	2.65	3.15	0.00	0.26	1.08	22.96	0 - 09:59 hrs
1085	☐	SWMH-O5-014	6.20	59.46	Surcharged	0.00	0 - 09:52 hrs	0.00	14.29	0.00	1.95	185.93	3.68	4.55	0.00	0.07	0.44	12.12	0 - 09:59 hrs
1086	☐	SWMH-O5-015	5.90	59.78	w Maximum	0.00	0 - 09:37 hrs	21.55	21.55	0.86	0.86	0.00	10.49	4.90	0.00	0.25	1.48	20.58	0 - 09:59 hrs
1087	☐	SWMH-O5-019	5.90	59.96	Surcharged	0.00	0 - 09:42 hrs	39.10	39.10	1.72	1.72	0.00	4.64	4.38	0.00	0.43	1.27	35.60	0 - 09:59 hrs
1088	☐	SWMH-O5-021	9.80	55.90	Surcharged	0.00	0 - 09:56 hrs	0.00	15.75	0.00	1.87	826.77	47.68	7.60	0.00	0.00	0.00	0.03	0 - 09:56 hrs
1089	☐	SWMH-O5-022	9.78	57.10	w Maximum	0.02	0 - 10:04 hrs	0.00	15.75	0.00	1.87	722.12	46.72	7.76	0.02	0.00	0.00	0.00	0 - 00:00 hrs
1090	☐	SWMH-O5-023	9.42	57.56	w Maximum	0.00	0 - 09:48 hrs	41.94	41.94	2.09	2.10	396.71	7.37	7.34	0.00	0.24	0.68	28.14	0 - 10:03 hrs
1091	☐	SWMH-O5-024	5.82	58.53	w Maximum	0.00	0 - 09:48 hrs	0.00	2.55	0.00	0.00	0.00	1.83	3.82	0.00	0.00	0.00	2.11	0 - 09:48 hrs
1092	☐	SWMH-O6-005	11.20	62.91	w Maximum	0.00	0 - 09:45 hrs	139.00	139.00	7.13	7.12	0.00	3.35	8.45	0.00	1.04	0.92	104.49	0 - 10:03 hrs
1093	☐	SWMH-O6-006	10.95	58.65	Surcharged	0.00	0 - 00:03 hrs	0.00	67.65	0.00	11.30	7,541.45	47.89	7.40	0.00	0.00	0.00	15.82	0 - 00:03 hrs
1094	☐	SWMH-O6-007	11.48	59.57	Surcharged	0.00	0 - 00:04 hrs	0.00	59.93	0.00	11.24	3,721.33	47.83	7.80	0.00	0.00	0.00	20.13	0 - 00:04 hrs
1095	☐	SWMH-O6-008	10.50	59.03	w Maximum	0.00	0 - 00:06 hrs	95.35	107.73	5.18	11.72	4,942.03	47.80	7.00	0.00	0.51	0.73	58.35	0 - 10:03 hrs
1096	☐	SWMH-O6-009	9.57	59.44	w Maximum	2.53	0 - 10:00 hrs	0.00	27.12	0.00	6.48	2,354.93	47.71	6.47	2.53	0.00	0.00	0.00	0 - 00:00 hrs
1097	☐	SWMH-O7-001	13.20	64.17	w Maximum	0.00	0 - 10:04 hrs	21.16	162.42	0.89	13.84	8,021.36	0.08	5.65	0.00	0.00	0.00	5.69	0 - 10:04 hrs
1098	☐	SWMH-O7-002	15.40	64.27	w Maximum	0.00	0 - 00:00 hrs	0.00	183.05	0.00	14.73	6,269.19	47.96	10.40	0.00	0.00	0.00	120.49	0 - 00:00 hrs
1099	☐	SWMH-O7-004	9.75	59.62	Surcharged	0.00	0 - 00:00 hrs	0.00	101.32	0.00	0.72	2,263.89	47.97	6.82	0.00	0.01	0.01	84.10	0 - 00:00 hrs
1100	☐	SWMH-O7-005	9.00	64.11	w Maximum	0.00	0 - 09:47 hrs	23.83	23.83	1.01	1.01	0.00	4.92	7.75	0.00	0.14	0.76	17.01	0 - 09:59 hrs
1101	☐	SWMH-O7-006	6.74	59.47	w Maximum	4.58	0 - 00:02 hrs	0.00	19.33	0.00	0.88	628.20	47.93	4.99	4.58	0.00	0.00	0.00	0 - 00:00 hrs
1102	☐	SWMH-O8-001	2.40	61.33	low Link Cro	8.67	0 - 10:06 hrs	0.00	45.22	0.00	7.33	1,489.51	0.00	0.00	0.00	0.00	0.00	0.00	0 - 00:00 hrs
1103	☐	SWMH-O8-002	10.45	63.11	w Maximum	0.75	0 - 10:04 hrs	0.00	97.14	0.00	5.47	2,214.22	0.68	5.45	0.75	0.00	0.00	0.00	0 - 00:00 hrs
1104	☐	SWMH-O8-003	11.88	63.72	w Maximum	1.42	0 - 10:04 hrs	0.00	97.18	0.00	5.55	6,530.43	1.02	6.88	1.42	0.00	0.00	0.00	0 - 00:00 hrs
1105	☐	SWMH-O8-004	9.35	62.68	w Maximum	3.25	0 - 10:04 hrs	0.00	97.11	0.00	5.41	1,881.02	0.53	4.35	3.25	0.00	0.00	0.00	0 - 00:00 hrs
1106	☐	SWMH-O8-005	9.54	63.54	w Maximum	1.66	0 - 10:04 hrs	0.00	97.08	0.00	5.35	1,203.16	0.36	4.54	1.66	0.00	0.00	0.00	0 - 00:00 hrs
1107	☐	SWMH-O8-006	9.42	64.25	w Maximum	3.36	0 - 10:04 hrs	0.00	96.98	0.00	5.33	-415.28	0.22	4.34	3.36	0.00	0.00	0.00	0 - 00:00 hrs
1108	☐	SWMH-O8-007	8.73	64.55	w Maximum	5.57	0 - 10:04 hrs	46.38	95.80	2.28	5.32	329.45	0.07	3.63	5.57	0.00	0.00	0.00	0 - 00:00 hrs
1109	☐	SWMH-O8-009	1.48	64.03	low Link Cro	9.97	0 - 10:06 hrs	0.00	50.73	0.00	3.04	227.82	0.00	0.00	0.00	0.00	0.00	0.00	0 - 00:00 hrs
1110	☐	SWMH-O8-010	8.15	77.30	Surcharged	0.00	0 - 09:45 hrs	80.80	80.80	4.98	4.98	0.00	5.09	6.15	0.00	0.90	2.03	60.77	0 - 10:03 hrs
1111	☐	SWMH-O8-011	1.15	57.78	low Link Cro	6.03	0 - 09:59 hrs	5.42	5.42	0.18	0.18	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0 - 00:00 hrs
1112	☐	SWMH-O8-012	1.58	58.87	low Link Cro	5.42	0 - 10:04 hrs	0.00	11.68	0.00	0.48	83.46	0.00	0.00	0.00	0.00	0.00	0.00	0 - 00:00 hrs
1113	☐	SWMH-O8-013	2.02	57.11	low Link Cro	7.38	0 - 10:04 hrs	0.00	16.04	0.00	0.67	63.52	0.00	0.00	0.00	0.00	0.00	0.00	0 - 00:00 hrs
1114	☐	SWMH-O8-014	1.40	59.41	low Link Cro	5.50	0 - 10:04 hrs	9.80	12.27	0.38	0.48	47.29	0.00	0.00	0.00	0.00	0.00	0.00	0 - 00:00 hrs
1115	☐	SWMH-O8-015	1.24	57.58	low Link Cro	7.41	0 - 10:06 hrs	0.00	11.53	0.00	0.48	40.51	0.00	0.00	0.00	0.00	0.00	0.00	0 - 00:00 hrs
1116	☐	SWMH-O8-016	0.69	59.65	low Link Cro	5.11	0 - 10:04 hrs	0.00	2.77	0.00	0.10	5.40	0.00	0.00	0.00	0.00	0.00	0.00	0 - 00:00 hrs
1117	☐	SWMH-O8-017	0.76	59.84	low Link Cro	5.64	0 - 09:59 hrs	0.00	2.78	0.00	0.10	1.94	0.00	0.00	0.00	0.00	0.00	0.00	0 - 00:00 hrs
1118	☐	SWMH-O8-018	0.64	60.36	low Link Cro	6.21	0 - 09:59 hrs	2.88	2.88	0.10	0.10	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0 - 00:00 hrs
1119	☐	SWMH-O8-019	4.55	56.70	low Link Cro	6.07	0 - 00:02 hrs	0.00	33.60	0.00	0.70	1,171.27	0.00	0.00	0.00	0.00	0.00	0.00	0 - 00:00 hrs
1120	☐	SWMH-P3-001	10.00	45.70	w Maximum	0.20	0 - 09:56 hrs	20.93	75.87	0.92	17.89	3,024.49	7.83	4.35	0.20	0.00	0.00	0.00	0 - 00:00 hrs
1121	☐	SWMH-P3-004	10.84	51.33	w Maximum	0.00	0 - 09:49 hrs	31.72	95.30	1.50	11.63	-1,336.07	5.37	6.34	0.00	0.00	0.00	57.26	0 - 09:49 hrs
1122	☐	SWMH-P4-002	12.10	54.29	w Maximum	0.00	0 - 09:52 hrs	17.96	72.88	0.71	10.15	1,838.45	4.76	7.60	0.00	0.01	0.01	51.29	0 - 09:52 hrs
1123	☐	SWMH-P4-003	14.01	56.72	Surcharged	0.00	0 - 09:51 hrs	0.00	67.07	0.00	9.46	2,727.55	4.90	10.01	0.00	0.00	0.00	20.42	0 - 09:51 hrs
1124	☐	SWMH-P4-007	14.33	59.00	w Maximum	0.00	0 - 09:51 hrs	17.80	35.12	0.72	3.81	891.91	5.34	11.83	0.00	0.00	0.00	0.52	0 - 09:51 hrs
1125	☐	SWMH-P4-009	8.05	57.45	w Maximum	0.00	0 - 09:51 hrs	21.15	47.65	0.92	2.75	-15.22	3.27	5.20	0.00	0.42	0.78	47.61	0 - 09:59 hrs
1126	☐	SWMH-P5-001	11.86	59.95	w Maximum	0.94	0 - 09:57 hrs	58.08	95.63	2.82	11.17	1,951.35	3.15	7.36	0.94	0.00	0.00	0.00	0 - 00:00 hrs
1127	☐	SWMH-P5-002	11.22	61.73	w Maximum	2.27	0 - 09:48 hrs	0.00	51.79	0.00	8.28	136.23	2.28	6.72	2.27	0.00	0.00	0.00	0 - 00:00 hrs

EXISTING CONDITIONS 20-YR 24-HR JUNCTIONS

		ID	Maximum Depth (ft)	Maximum HGL (ft)	Maximum HGL Head Class	Freeboard (ft)	Max.Depth Day-Time (day-time)	Maximum Lateral Inflow (cfs)	Maximum Total Inflow (cfs)	Lateral Inflow Volume (MG)	Total Inflow Volume (MG)	Flow Volume Difference (MG)	Total Surcharge Time (hrs)	Max.Surchar ge Height Above Crown	Min.Surchar ge Depth Below Rim (ft)	Total Flood Volume (MG)	Total Flood Time (hrs)	Maximum Flood Rate (cfs)	Max.Flood Day-Time (day-time)
1128	☐	SWMH-P5-003	8.78	60.00	w Maximum	0.00	0 - 09:48 hrs	53.98	85.42	2.78	8.56	1,005.68	2.09	4.28	0.00	0.27	0.39	48.77	0 - 10:03 hrs
1129	☐	SWMH-P5-005	8.85	61.25	w Maximum	0.00	0 - 09:48 hrs	55.02	55.02	2.87	6.03	731.36	2.59	5.85	0.00	0.00	0.09	13.85	0 - 09:48 hrs
1130	☐	SWMH-P5-006	4.71	59.82	w Maximum	0.00	0 - 09:49 hrs	75.60	97.80	4.18	4.42	0.00	2.15	1.71	0.00	1.27	0.95	97.79	0 - 10:03 hrs
1131	☐	SWMH-P5-008	13.95	59.54	w Maximum	0.00	0 - 09:44 hrs	18.82	18.82	0.77	0.77	0.00	5.09	11.70	0.00	0.00	0.04	4.03	0 - 09:44 hrs
1132	☐	SWMH-P5-014	7.00	58.01	w Maximum	0.00	0 - 09:51 hrs	19.12	19.12	0.80	0.80	0.00	2.86	4.69	0.00	0.01	0.21	15.45	0 - 09:51 hrs
1133	☐	SWMH-P6-001	15.39	68.87	Surcharged	0.00	0 - 09:48 hrs	0.00	29.05	0.00	3.38	-2,318.46	2.35	12.39	0.00	0.00	0.00	26.46	0 - 09:48 hrs
1134	☐	SWMH-P6-002	8.66	59.66	w Maximum	4.84	0 - 10:22 hrs	0.00	23.91	0.00	6.49	3,408.16	23.81	4.80	4.84	0.00	0.00	0.00	0 - 00:00 hrs
1135	☐	SWMH-P6-003	8.01	59.72	w Maximum	5.89	0 - 10:08 hrs	0.00	12.04	0.00	2.24	2,065.25	47.33	5.51	5.89	0.00	0.00	0.00	0 - 00:00 hrs
1136	☐	SWMH-P6-004	7.20	59.61	Surcharged	0.00	0 - 09:37 hrs	0.00	33.21	0.00	2.82	2,199.34	11.17	4.20	0.00	0.60	1.35	28.29	0 - 10:14 hrs
1137	☐	SWMH-P6-005	4.65	69.16	w Maximum	3.75	0 - 09:55 hrs	0.00	35.51	0.00	2.80	350.59	0.74	2.15	3.75	0.00	0.00	0.00	0 - 00:00 hrs
1138	☐	SWMH-P6-006	11.46	62.88	Surcharged	0.00	0 - 00:15 hrs	23.28	28.47	1.06	3.20	4,739.63	47.49	8.46	0.00	0.00	0.00	13.81	0 - 00:15 hrs
1139	☐	SWMH-P6-008	14.65	64.19	Surcharged	0.00	0 - 00:07 hrs	36.54	111.12	1.61	8.64	15,319.17	47.73	9.65	0.00	0.00	0.00	36.73	0 - 00:07 hrs
1140	☐	SWMH-P6-010	8.63	60.48	Surcharged	0.00	0 - 00:12 hrs	79.46	79.46	4.05	5.62	0.00	47.60	6.85	0.00	0.79	1.29	64.18	0 - 10:03 hrs
1141	☐	SWMH-P7-001	11.53	59.07	w Maximum	0.00	0 - 00:02 hrs	0.00	201.89	0.00	8.91	9,202.77	47.92	6.53	0.00	0.00	0.01	52.26	0 - 00:02 hrs
1142	☐	SWMH-P7-002	12.12	59.86	w Maximum	3.08	0 - 00:07 hrs	0.00	209.41	0.00	8.82	4,978.40	47.92	7.12	3.08	0.00	0.00	0.00	0 - 00:00 hrs
1143	☐	SWMH-P7-003	8.60	56.90	w Maximum	0.00	0 - 00:02 hrs	0.00	23.83	0.00	2.15	478.69	47.92	6.10	0.00	0.00	0.03	13.51	0 - 00:02 hrs
1144	☐	SWMH-P7-004	8.00	57.26	w Maximum	0.00	0 - 00:03 hrs	0.00	23.85	0.00	2.14	950.21	47.90	6.00	0.00	0.00	0.00	20.09	0 - 00:03 hrs
1145	☐	SWMH-P7-005	7.40	57.47	w Maximum	0.00	0 - 00:04 hrs	0.00	16.94	0.00	2.13	1,032.82	47.85	5.40	0.00	0.00	0.00	8.87	0 - 00:04 hrs
1146	☐	SWMH-P7-006	6.10	56.33	Surcharged	0.00	0 - 00:07 hrs	0.00	14.26	0.00	2.70	2,406.36	47.76	4.10	0.00	1.12	12.05	12.91	0 - 00:07 hrs
1147	☐	SWMH-Q6-002	8.80	61.42	w Maximum	0.00	0 - 00:18 hrs	0.00	23.23	0.00	2.15	3,040.42	47.38	6.05	0.00	0.00	0.00	5.05	0 - 00:18 hrs
1148	☐	SWMH-Q6-003	6.80	59.73	w Maximum	0.00	0 - 09:41 hrs	0.00	28.82	0.00	2.41	1,129.56	47.38	4.30	0.00	0.33	0.94	28.81	0 - 09:59 hrs
1149	☐	SWMH-Q6-004	6.74	61.40	w Maximum	0.74	0 - 09:47 hrs	0.00	19.31	0.00	2.33	510.17	6.72	4.24	0.74	0.00	0.00	0.00	0 - 00:00 hrs
1150	☐	SWMH-Q6-005	8.78	64.58	Surcharged	0.00	0 - 09:47 hrs	0.00	23.24	0.00	2.37	116.02	5.28	6.78	0.00	0.06	0.68	4.03	0 - 10:03 hrs
1151	☐	SWMH-Q6-006	9.10	65.48	Surcharged	0.00	0 - 09:48 hrs	53.29	53.29	2.58	2.58	0.00	3.70	7.10	0.00	0.21	0.55	30.04	0 - 10:03 hrs
1152	☐	SWMH-Q6-007	5.95	59.21	w Maximum	0.00	0 - 00:16 hrs	0.00	12.14	0.00	1.35	628.84	47.44	3.56	0.00	0.12	0.80	12.13	0 - 10:03 hrs
1153	☐	SWMH-Q6-008	9.89	60.33	w Maximum	4.41	0 - 09:57 hrs	28.91	69.49	1.34	6.93	17,392.62	47.52	5.39	4.41	0.00	0.00	0.00	0 - 00:00 hrs
1154	☐	SWMH-Q6-010	8.00	59.67	w Maximum	0.00	0 - 00:15 hrs	0.00	26.13	0.00	2.37	5,461.70	47.50	4.90	0.00	0.04	0.24	9.67	0 - 09:59 hrs
1155	☐	SWMH-Q6-011	10.53	64.16	Surcharged	0.00	0 - 00:16 hrs	24.12	24.12	1.10	1.11	0.00	47.44	8.53	0.00	0.01	0.19	7.01	0 - 00:16 hrs
1156	☐	SWMH-Q7-001	14.66	60.30	w Maximum	0.00	0 - 00:00 hrs	0.00	360.97	0.00	9.20	10,487.45	47.97	8.66	0.00	0.02	0.00	296.03	0 - 00:00 hrs
1157	☐	SWMH-Q7-002	11.95	64.99	w Maximum	0.00	0 - 00:03 hrs	0.00	83.65	0.00	2.54	6,606.54	47.87	7.95	0.00	0.00	0.00	60.18	0 - 00:03 hrs
1158	☐	SWMH-Q7-003	11.01	64.16	w Maximum	1.24	0 - 00:03 hrs	0.00	87.20	0.00	2.59	0.00	47.87	7.01	1.24	0.00	0.00	0.00	0 - 00:00 hrs
1159	☐	SWMH-R7-001	4.00	61.11	Surcharged	0.00	0 - 00:08 hrs	58.57	58.57	3.00	3.00	0.00	7.43	2.00	0.00	0.54	1.29	45.82	0 - 10:03 hrs
1160	☐	SWMH-R7-002	3.90	60.84	w Maximum	0.00	0 - 00:08 hrs	0.00	12.73	0.00	2.47	307.92	8.18	1.90	0.00	0.03	1.33	1.57	0 - 00:09 hrs
1161	☐	SWMH-R7-003	4.14	60.60	w Maximum	0.56	0 - 00:09 hrs	0.00	12.03	0.00	2.46	680.29	27.37	2.13	0.56	0.00	0.00	0.00	0 - 00:00 hrs
1162	☐	SWMH-R7-004	4.37	60.46	w Maximum	0.33	0 - 00:09 hrs	0.00	15.00	0.00	2.46	395.18	47.76	2.37	0.33	0.00	0.00	0.00	0 - 00:00 hrs
1163	☐	SWMH-R7-006?	4.56	60.18	w Maximum	0.99	0 - 00:09 hrs	0.00	22.06	0.00	2.47	955.05	47.81	2.51	0.99	0.00	0.00	0.00	0 - 00:00 hrs
1164	☐	SWMH-R7-007	7.62	62.36	w Maximum	0.00	0 - 00:05 hrs	0.00	28.87	0.00	2.48	0.00	47.83	4.19	0.00	0.00	0.00	11.27	0 - 00:05 hrs
1165	☐	SWMH-R7-008	7.10	61.85	w Maximum	0.40	0 - 00:05 hrs	0.00	42.70	0.00	2.49	1,861.95	47.84	4.10	0.40	0.00	0.00	0.00	0 - 00:00 hrs
1166	☐	WESTRIDGE_OTL_1	6.27	46.77	Surcharged	-5.27	0 - 10:03 hrs	0.00	10.04	0.00	4.78	98.50	47.97	4.77	0.00	0.00	0.00	0.00	0 - 00:00 hrs
1167	☐	WESTRIDGE_OTL_2	4.31	47.18	Flow Link Cross	-2.56	0 - 09:59 hrs	0.00	30.13	0.00	1.80	-186.75	0.00	0.00	0.00	0.00	0.00	0.00	0 - 00:00 hrs
1168	☐	WG-PT-2109	5.53	44.13	w Maximum	0.05	0 - 09:47 hrs	0.00	14.51	0.00	2.99	460.40	8.06	3.53	0.05	0.00	0.00	0.00	0 - 00:00 hrs
1169	☐	WG-PT-2126	6.15	54.98	Surcharged	0.00	0 - 09:52 hrs	0.00	49.41	0.00	4.24	0.00	2.91	3.10	0.00	0.14	0.49	20.44	0 - 09:52 hrs
1170	☐	WG-PT-2130	6.70	43.98	w Maximum	0.10	0 - 09:47 hrs	0.00	0.52	0.00	0.00	0.00	10.62	4.95	0.10	0.00	0.00	0.00	0 - 00:00 hrs
1171	☐	WG-PT-2135	6.39	43.48	w Maximum	0.46	0 - 09:47 hrs	2.29	17.00	0.08	2.41	0.00	7.39	3.63	0.46	0.00	0.00	0.00	0 - 00:00 hrs
1172	☐	WG-PT-2149	13.95	57.93	Surcharged	0.00	0 - 09:51 hrs	0.00	30.31	0.00	3.77	479.28	5.70	11.30	0.00	0.00	0.00	0.38	0 - 09:51 hrs
1173	☐	WG-PT-2174	7.05	49.18	Surcharged	0.00	0 - 09:52 hrs	0.00	36.66	0.00	1.01	-528.14	2.42	4.30	0.00	0.00	0.01	27.09	0 - 09:52 hrs
1174	☐	WG-PT-2176	7.64	49.05	w Maximum	0.24	0 - 09:52 hrs	0.00	19.50	0.00	1.54	118.11	2.87	4.71	0.24	0.00	0.00	0.00	0 - 00:00 hrs
1175	☐	WG-PT-2179	7.05	49.48	Surcharged	0.00	0 - 09:48 hrs	0.00	5.35	0.00	0.30	-48.77	6.16	5.30	0.00	0.00	0.00	2.58	0 - 09:48 hrs
1176	☐	WG-PT-2187	8.14	50.70	Surcharged	0.00	0 - 09:52 hrs	0.00	59.49	0.00	7.72	473.38	2.65	4.64	0.00	0.00	0.00	28.03	0 - 09:52 hrs

EXISTING CONDITIONS 20-YR 24-HR JUNCTIONS

		ID	Maximum Depth (ft)	Maximum HGL (ft)	Maximum HGL Head Class	Freeboard (ft)	Max.Depth Day-Time (day-time)	Maximum Lateral Inflow (cfs)	Maximum Total Inflow (cfs)	Lateral Inflow Volume (MG)	Total Inflow Volume (MG)	Flow Volume Difference (MG)	Total Surcharge Time (hrs)	Max.Surchar ge Height Above Ground	Min.Surchar ge Depth Below Rim (ft)	Total Flood Volume (MG)	Total Flood Time (hrs)	Maximum Flood Rate (cfs)	Max.Flood Day-Time (day-time)
1177	☐	WG-PT-2197	5.10	46.16	w Maximum	0.00	0 - 09:48 hrs	19.32	23.24	0.81	0.84	0.00	6.21	3.05	0.00	0.19	0.68	23.21	0 - 09:59 hrs
1178	☐	WG-PT-2198	5.45	46.20	w Maximum	0.00	0 - 09:48 hrs	0.00	6.51	0.00	0.67	49.34	7.23	3.45	0.00	0.00	0.25	2.49	0 - 09:59 hrs
1179	☐	WG-PT-2232	7.50	52.38	w Maximum	0.00	0 - 09:10 hrs	0.00	11.62	0.00	1.15	0.00	6.96	5.38	0.00	0.00	0.00	2.90	0 - 09:10 hrs
1180	☐	WG-PT-2234	7.61	50.55	w Maximum	0.60	0 - 09:57 hrs	0.00	25.73	0.00	6.03	498.08	7.79	5.11	0.60	0.00	0.00	0.00	0 - 00:00 hrs
1181	☐	WG-PT-2235	5.60	49.89	w Maximum	0.81	0 - 10:03 hrs	0.00	12.75	0.00	3.24	445.97	9.57	3.60	0.81	0.00	0.00	0.00	0 - 00:00 hrs
1182	☐	WG-PT-2236	5.11	49.48	w Maximum	0.00	0 - 08:56 hrs	0.00	28.26	0.00	3.99	151.89	9.66	3.11	0.00	0.98	3.30	28.26	0 - 10:02 hrs
1183	☐	WG-PT-2238	6.22	51.22	w Maximum	0.00	0 - 09:49 hrs	0.00	20.53	0.00	3.79	153.99	9.28	4.22	0.00	0.01	0.21	4.01	0 - 09:59 hrs
1184	☐	WG-PT-2269	7.21	53.79	w Maximum	2.79	0 - 09:57 hrs	0.00	44.96	0.00	0.57	575.38	3.83	4.46	2.79	0.00	0.00	0.00	0 - 00:00 hrs
1185	☐	WG-PT-2318	5.90	45.23	Surcharged	0.00	0 - 00:03 hrs	0.00	49.38	0.00	2.80	333.99	47.88	3.10	0.00	0.44	1.08	35.29	0 - 10:04 hrs
1186	☐	WG-PT-2330	5.80	43.27	w Maximum	0.00	0 - 02:15 hrs	41.60	41.60	1.68	1.68	0.00	43.47	3.70	0.00	1.67	21.73	41.55	0 - 09:59 hrs
1187	☐	WG-PT-2425	6.28	76.72	w Maximum	1.01	0 - 09:59 hrs	0.00	35.76	0.00	4.42	66.52	2.76	3.58	1.01	0.00	0.00	0.00	0 - 00:00 hrs
1188	☐	WG-PT-2426	6.04	76.36	w Maximum	1.16	0 - 09:59 hrs	0.00	35.78	0.00	4.42	84.11	2.94	3.53	1.16	0.00	0.00	0.00	0 - 00:00 hrs
1189	☐	WG-PT-2434	5.95	69.50	Surcharged	0.00	0 - 09:52 hrs	0.00	44.98	0.00	6.03	383.30	1.99	3.30	0.00	0.00	0.30	7.03	0 - 09:52 hrs
1190	☐	WG-PT-2438	5.50	76.72	w Maximum	0.00	0 - 09:52 hrs	0.00	37.78	0.00	5.11	60.44	2.01	3.00	0.00	0.00	0.00	5.50	0 - 09:52 hrs
1191	☐	WG-PT-2465	6.14	51.72	w Maximum	0.00	0 - 09:45 hrs	0.00	3.56	0.00	0.47	0.00	9.32	4.64	0.00	0.00	0.09	0.02	0 - 09:56 hrs
1192	☐	WG-PT-2469	5.73	51.81	w Maximum	0.12	0 - 09:57 hrs	0.00	9.78	0.00	1.26	23.60	2.53	3.63	0.12	0.00	0.00	0.00	0 - 00:00 hrs
1193	☐	WG-PT-2474	6.25	50.01	w Maximum	0.00	0 - 00:05 hrs	0.00	12.19	0.00	1.61	343.57	47.82	4.25	0.00	0.00	0.61	7.40	0 - 00:05 hrs
1194	☐	WG-PT-2475	6.30	49.95	Surcharged	0.00	0 - 00:05 hrs	0.00	12.50	0.00	1.62	343.04	47.82	4.30	0.00	0.04	1.54	7.46	0 - 00:05 hrs
1195	☐	WG-PT-2476	7.11	50.09	w Maximum	0.03	0 - 09:48 hrs	0.00	16.77	0.00	1.58	739.16	47.88	5.11	0.03	0.00	0.00	0.00	0 - 00:00 hrs
1196	☐	WG-PT-2477	7.06	50.01	w Maximum	0.00	0 - 09:48 hrs	0.00	15.12	0.00	1.58	254.47	47.87	5.06	0.00	0.00	0.01	0.03	0 - 10:10 hrs
1197	☐	WG-PT-2478	7.39	49.93	Surcharged	0.00	0 - 09:48 hrs	0.00	16.31	0.00	1.59	395.08	47.91	5.39	0.00	0.00	0.04	0.05	0 - 09:56 hrs
1198	☐	WG-PT-2480	7.85	49.96	w Maximum	0.00	0 - 00:01 hrs	0.00	19.10	0.00	1.59	257.38	47.94	5.85	0.00	0.00	0.00	5.33	0 - 00:01 hrs
1199	☐	WG-PT-2481	8.64	49.72	Surcharged	0.00	0 - 09:47 hrs	0.00	23.48	0.00	1.67	530.25	47.96	6.09	0.00	0.12	0.62	13.48	0 - 10:00 hrs
1200	☐	WG-PT-2484	8.86	50.09	Surcharged	0.00	0 - 09:56 hrs	0.00	28.62	0.00	1.62	466.29	47.97	6.86	0.00	0.00	0.01	0.02	0 - 09:56 hrs
1201	☐	WG-PT-2485	9.54	50.24	Surcharged	0.00	0 - 09:56 hrs	0.00	32.47	0.00	1.62	520.29	47.98	7.54	0.00	0.01	0.17	1.36	0 - 10:03 hrs
1202	☐	WG-PT-2514	8.98	45.94	w Maximum	2.27	0 - 09:59 hrs	0.00	57.89	0.00	6.71	3,320.99	47.86	5.48	2.27	0.00	0.00	0.00	0 - 00:00 hrs
1203	☐	WG-PT-2523	6.25	44.87	w Maximum	2.25	0 - 09:57 hrs	0.00	34.87	0.00	7.57	726.33	10.17	3.55	2.25	0.00	0.00	0.00	0 - 00:00 hrs
1204	☐	WG-PT-2543	9.85	44.76	w Maximum	0.00	0 - 00:00 hrs	0.00	324.70	0.00	3.39	4,716.71	47.98	4.85	0.00	0.03	0.01	263.61	0 - 00:00 hrs
1205	☐	WG-PT-2574	5.50	83.55	Surcharged	0.00	0 - 09:48 hrs	0.00	19.65	0.00	2.45	96.03	2.34	3.13	0.00	0.00	0.00	6.41	0 - 09:48 hrs
1206	☐	WG-PT-2596	7.29	46.51	w Maximum	0.21	0 - 10:00 hrs	0.00	34.90	0.00	7.56	490.52	8.06	4.05	0.21	0.00	0.00	0.00	0 - 00:00 hrs
1207	☐	WG-PT-2597	7.00	46.26	w Maximum	0.00	0 - 09:53 hrs	0.00	34.87	0.00	7.57	0.00	9.83	4.50	0.00	0.00	0.00	0.09	0 - 10:00 hrs
1208	☐	WG-PT-2599	7.40	46.86	w Maximum	0.00	0 - 10:00 hrs	0.00	20.22	0.00	5.91	344.22	9.45	4.70	0.00	0.00	0.00	0.02	0 - 10:00 hrs
1209	☐	WG-PT-2600	7.38	47.24	w Maximum	0.07	0 - 10:00 hrs	0.00	20.18	0.00	5.91	236.55	9.53	4.88	0.07	0.00	0.00	0.00	0 - 00:00 hrs
1210	☐	WG-PT-2602	7.30	47.64	w Maximum	0.25	0 - 10:00 hrs	0.00	20.16	0.00	5.90	71.47	8.93	4.65	0.25	0.00	0.00	0.00	0 - 00:00 hrs
1211	☐	WG-PT-2606	6.50	48.24	w Maximum	0.59	0 - 10:00 hrs	0.00	20.17	0.00	5.91	142.92	7.48	4.00	0.59	0.00	0.00	0.00	0 - 00:00 hrs
1212	☐	WG-PT-2607	6.52	48.23	w Maximum	0.58	0 - 09:48 hrs	0.00	20.15	0.00	5.91	200.74	7.49	4.02	0.58	0.00	0.00	0.00	0 - 00:00 hrs
1213	☐	WG-PT-2610	5.71	45.98	w Maximum	7.29	0 - 10:00 hrs	0.00	46.50	0.00	2.07	0.00	0.33	0.96	7.29	0.00	0.00	0.00	0 - 00:00 hrs
1214	☐	WG-PT-2612	5.98	85.94	w Maximum	0.57	0 - 10:08 hrs	0.00	24.23	0.00	2.55	9.35	1.84	3.33	0.57	0.00	0.00	0.00	0 - 00:00 hrs
1215	☐	WG-PT-2629	4.00	52.21	Surcharged	0.00	0 - 09:48 hrs	0.00	11.48	0.00	1.38	197.76	1.78	1.75	0.00	0.00	0.00	0.46	0 - 09:48 hrs
1216	☐	WG-PT-2632	7.15	45.53	Surcharged	0.00	0 - 00:02 hrs	0.00	41.30	0.00	2.39	1,936.63	47.91	4.40	0.00	0.00	0.00	18.19	0 - 00:02 hrs
1217	☐	WG-PT-2646	5.20	45.33	Surcharged	0.00	0 - 00:09 hrs	0.00	11.05	0.00	2.55	824.41	47.73	3.20	0.00	0.00	0.00	0.09	0 - 00:09 hrs
1218	☐	WG-PT-2670	7.62	38.16	w Maximum	0.00	0 - 10:18 hrs	0.00	13.30	0.00	2.40	4,857.63	33.19	4.87	0.00	0.28	4.45	3.61	0 - 11:37 hrs
1219	☐	WG-PT-2723	7.20	76.29	w Maximum	0.00	0 - 09:52 hrs	0.00	14.16	0.00	1.00	56.98	1.58	4.85	0.00	0.00	0.00	6.57	0 - 09:52 hrs
1220	☐	WG-PT-2724	7.90	77.64	Surcharged	0.00	0 - 09:53 hrs	0.00	14.15	0.00	1.00	-151.97	1.45	5.35	0.00	0.00	0.00	10.48	0 - 09:53 hrs
1221	☐	WG-PT-2726	7.00	73.49	w Maximum	0.00	0 - 09:56 hrs	0.00	8.42	0.00	0.00	0.00	1.16	5.50	0.00	0.00	0.00	7.02	0 - 09:56 hrs
1222	☐	WG-PT-2731	13.20	83.55	Surcharged	0.00	0 - 09:52 hrs	0.00	45.68	0.00	4.82	-261.65	2.27	10.20	0.00	0.00	0.00	4.52	0 - 09:52 hrs
1223	☐	WG-PT-2836	9.83	86.64	w Maximum	0.27	0 - 09:55 hrs	0.00	95.62	0.00	26.71	-547.94	4.15	5.33	0.27	0.00	0.00	0.00	0 - 00:00 hrs
1224	☐	WG-PT-2846	15.11	50.82	w Maximum	5.19	0 - 09:57 hrs	0.00	285.20	0.00	24.44	2,985.08	1.30	8.61	5.19	0.00	0.00	0.00	0 - 00:00 hrs
1225	☐	WG-PT-2853	7.76	112.27	w Maximum	0.00	0 - 09:57 hrs	0.00	44.82	0.00	1.94	141.34	0.36	5.24	0.00	0.00	0.00	1.88	0 - 09:57 hrs

EXISTING CONDITIONS 20-YR 24-HR JUNCTIONS

		ID	Maximum Depth (ft)	Maximum HGL (ft)	Maximum HGL Head Class	Freeboard (ft)	Max.Depth Day-Time (day-time)	Maximum Lateral Inflow (cfs)	Maximum Total Inflow (cfs)	Lateral Inflow Volume (MG)	Total Inflow Volume (MG)	Flow Volume Difference (MG)	Total Surcharge Time (hrs)	Max.Surchar ge Height Above Crown	Min.Surchar ge Depth Below Rim (ft)	Total Flood Volume (MG)	Total Flood Time (hrs)	Maximum Flood Rate (cfs)	Max.Flood Day-Time (day-time)
1226	☐	WG-PT-2856	1.23	108.52	low Link Cro	6.05	0 - 10:26 hrs	0.00	88.56	0.00	22.15	196.12	0.00	0.00	0.00	0.00	0.00	0.00	0 - 00:00 hrs
1227	☐	WG-PT-2857	2.43	107.25	low Link Cro	7.32	0 - 10:26 hrs	0.00	88.56	0.00	22.15	733.16	0.00	0.00	0.00	0.00	0.00	0.00	0 - 00:00 hrs
1228	☐	WG-PT-2858	6.51	105.86	low Link Cro	7.77	0 - 10:06 hrs	0.00	88.56	0.00	22.14	639.29	0.00	0.00	0.00	0.00	0.00	0.00	0 - 00:00 hrs
1229	☐	WG-PT-2859	2.04	105.05	low Link Cro	8.46	0 - 10:15 hrs	0.00	88.56	0.00	22.14	197.84	0.00	0.00	0.00	0.00	0.00	0.00	0 - 00:00 hrs
1230	☐	WG-PT-2865	6.47	89.31	w Maximum	2.33	0 - 09:59 hrs	0.00	27.42	0.00	1.07	44.76	0.18	4.47	2.33	0.00	0.00	0.00	0 - 00:00 hrs
1231	☐	WG-PT-2874	6.70	128.35	w Maximum	0.00	0 - 09:57 hrs	25.37	43.34	0.96	7.37	3,000.93	1.54	1.70	0.00	0.11	0.57	17.75	0 - 09:59 hrs
1232	☐	WG-PT-2899	9.20	102.22	Surcharged	0.00	0 - 09:56 hrs	0.00	27.01	0.00	3.71	92.90	1.34	6.20	0.00	0.00	0.00	7.93	0 - 09:56 hrs
1233	☐	WG-PT-2905	4.70	82.31	Surcharged	0.00	0 - 09:51 hrs	0.00	30.37	0.00	2.66	71.34	2.04	2.70	0.00	0.39	0.73	30.37	0 - 10:03 hrs
1234	☐	WG-PT-2906	5.60	84.12	Surcharged	0.00	0 - 09:41 hrs	0.00	14.21	0.00	2.47	259.74	4.18	3.85	0.00	0.00	0.00	0.47	0 - 09:41 hrs
1235	☐	WG-PT-2922	7.47	89.30	w Maximum	0.00	0 - 09:55 hrs	0.00	45.96	0.00	3.35	1,206.17	1.34	3.97	0.00	0.00	0.00	28.26	0 - 09:55 hrs
1236	☐	WG-PT-2924	9.19	86.00	w Maximum	1.81	0 - 09:59 hrs	0.00	41.00	0.00	3.26	125.98	2.81	5.69	1.81	0.00	0.00	0.00	0 - 00:00 hrs
1237	☐	WG-PT-2946	7.10	110.04	Surcharged	0.00	0 - 09:51 hrs	0.00	17.87	0.00	1.44	4.88	1.38	4.80	0.00	0.00	0.00	2.85	0 - 09:51 hrs
1238	☐	WG-PT-2978	4.82	93.60	Surcharged	0.00	0 - 09:56 hrs	0.00	37.22	0.00	2.55	-156.86	1.12	2.32	0.00	0.00	0.00	15.97	0 - 09:56 hrs
1239	☐	WG-PT-2993	8.54	90.93	w Maximum	0.00	0 - 09:52 hrs	0.00	25.64	0.00	2.45	50.87	2.42	6.54	0.00	0.00	0.00	16.67	0 - 09:52 hrs
1240	☐	WG-PT-2994	8.77	92.12	w Maximum	1.33	0 - 09:52 hrs	0.00	25.64	0.00	2.45	230.63	3.41	6.67	1.33	0.00	0.00	0.00	0 - 00:00 hrs
1241	☐	WG-PT-3000	9.05	90.24	w Maximum	0.10	0 - 09:56 hrs	0.00	41.79	0.00	3.67	186.68	1.44	5.55	0.10	0.00	0.00	0.00	0 - 00:00 hrs
1242	☐	WG-PT-3040	9.45	106.82	w Maximum	0.00	0 - 09:52 hrs	0.00	21.60	0.00	2.31	36.11	1.95	7.30	0.00	0.06	0.30	16.52	0 - 09:59 hrs
1243	☐	WG-PT-3045	11.55	101.17	w Maximum	0.00	0 - 09:57 hrs	0.00	37.28	0.00	3.62	61.35	1.25	9.05	0.00	0.00	0.00	0.13	0 - 09:57 hrs
1244	☐	WG-PT-3048	9.44	92.16	w Maximum	1.46	0 - 09:57 hrs	0.00	43.46	0.00	3.83	115.09	1.54	7.19	1.46	0.00	0.00	0.00	0 - 00:00 hrs
1245	☐	WG-PT-3075	14.86	129.34	Surcharged	-3.59	0 - 09:48 hrs	0.00	33.55	0.00	5.26	264.57	2.70	12.36	0.00	0.00	0.00	0.00	0 - 00:00 hrs
1246	☐	WG-PT-3082	0.83	90.27	low Link Cro	8.42	0 - 09:59 hrs	6.60	6.60	0.20	0.20	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0 - 00:00 hrs
1247	☐	WG-PT-3110	11.18	127.34	Surcharged	-5.00	0 - 09:49 hrs	0.00	31.65	0.00	3.78	262.25	2.19	8.18	0.00	0.00	0.00	22.85	0 - 09:49 hrs
1248	☐	WG-PT-3116	7.20	133.87	Surcharged	0.00	0 - 09:51 hrs	0.00	21.14	0.00	2.60	158.99	1.96	4.90	0.00	0.00	0.00	1.06	0 - 09:51 hrs
1249	☐	WG-PT-3180	5.83	84.45	w Maximum	0.67	0 - 09:48 hrs	0.00	31.41	0.00	4.21	196.23	2.32	3.23	0.67	0.00	0.00	0.00	0 - 00:00 hrs
1250	☐	WG-PT-3182	5.73	85.06	w Maximum	0.79	0 - 09:48 hrs	0.00	31.38	0.00	4.21	84.03	2.35	3.16	0.79	0.00	0.00	0.00	0 - 00:00 hrs
1251	☐	WG-PT-3183	5.78	85.45	w Maximum	0.47	0 - 09:48 hrs	0.00	31.39	0.00	4.21	106.98	2.37	3.28	0.47	0.00	0.00	0.00	0 - 00:00 hrs
1252	☐	WG-PT-3184	6.00	86.02	w Maximum	0.10	0 - 09:59 hrs	0.00	31.39	0.00	4.22	124.00	2.41	3.50	0.10	0.00	0.00	0.00	0 - 00:00 hrs
1253	☐	WG-PT-3192	8.85	92.63	w Maximum	0.00	0 - 09:52 hrs	0.00	27.66	0.00	2.91	42.73	1.52	6.35	0.00	0.00	0.01	11.32	0 - 09:52 hrs
1254	☐	WG-PT-3196	4.75	96.48	Surcharged	0.00	0 - 09:41 hrs	0.00	39.88	0.00	7.47	180.72	5.66	2.25	0.00	0.40	1.16	35.61	0 - 09:59 hrs
1255	☐	WG-PT-3197	6.45	99.05	Surcharged	-1.37	0 - 09:59 hrs	0.00	39.88	0.00	7.47	422.35	6.18	3.95	0.00	0.00	0.00	0.00	0 - 00:00 hrs
1256	☐	WG-PT-3198	9.31	103.30	Surcharged	-4.02	0 - 09:57 hrs	0.00	39.89	0.00	7.47	330.77	6.36	6.81	0.00	0.00	0.00	0.00	0 - 00:00 hrs
1257	☐	WG-PT-3211	6.75	125.38	w Maximum	0.00	0 - 09:55 hrs	0.00	47.80	0.00	0.30	0.00	1.06	3.75	0.00	0.30	0.44	47.65	0 - 09:59 hrs
1258	☐	WG-PT-3226	4.70	67.80	w Maximum	2.90	0 - 10:04 hrs	0.00	69.69	0.00	3.03	52.54	0.05	0.70	2.90	0.00	0.00	0.00	0 - 00:00 hrs
1259	☐	WG-PT-3238	1.56	58.49	low Link Cro	2.34	0 - 09:59 hrs	0.00	0.93	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0 - 00:00 hrs
1260	☐	WG-PT-3256	5.18	78.14	w Maximum	0.00	0 - 09:52 hrs	0.00	9.62	0.00	0.58	0.00	2.32	3.18	0.00	0.00	0.03	0.04	0 - 09:52 hrs
1261	☐	WG-PT-3264	8.92	68.40	Surcharged	0.00	0 - 10:00 hrs	0.00	74.90	0.00	3.44	557.34	0.43	3.80	0.00	0.00	0.00	19.43	0 - 10:00 hrs
1262	☐	WG-PT-3269	6.70	64.96	w Maximum	1.70	0 - 10:02 hrs	0.00	87.82	0.00	4.48	884.75	0.72	2.70	1.70	0.00	0.00	0.00	0 - 00:00 hrs
1263	☐	WG-PT-3276	5.95	63.08	w Maximum	2.80	0 - 00:00 hrs	0.00	124.40	0.00	6.06	3,257.47	0.01	1.95	2.80	0.00	0.00	0.00	0 - 00:00 hrs
1264	☐	WG-PT-3294	4.37	63.61	w Maximum	4.63	0 - 09:57 hrs	0.00	23.81	0.00	0.93	-42.14	0.28	2.36	4.63	0.00	0.00	0.00	0 - 00:00 hrs
1265	☐	WG-PT-3308	8.90	82.61	Surcharged	0.00	0 - 00:00 hrs	0.00	183.59	0.00	12.73	3,783.30	2.19	4.90	0.00	0.00	0.00	86.75	0 - 00:00 hrs
1266	☐	WG-PT-3342	7.40	105.83	w Maximum	0.00	0 - 09:53 hrs	0.00	26.33	0.00	1.37	47.00	1.00	4.90	0.00	0.02	0.29	10.08	0 - 09:53 hrs
1267	☐	WG-PT-3450	7.05	103.69	w Maximum	2.95	0 - 10:00 hrs	0.00	28.45	0.00	5.65	833.26	0.49	4.05	2.95	0.00	0.00	0.00	0 - 00:00 hrs
1268	☐	WG-PT-3451	6.42	103.18	w Maximum	4.08	0 - 10:00 hrs	0.00	28.01	0.00	5.65	548.67	3.59	3.41	4.08	0.00	0.00	0.00	0 - 00:00 hrs
1269	☐	WG-PT-3462	4.20	102.24	w Maximum	0.00	0 - 09:41 hrs	0.00	28.02	0.00	5.70	343.19	5.34	1.70	0.00	0.05	0.48	12.59	0 - 10:03 hrs
1270	☐	WG-PT-3468	6.00	97.27	w Maximum	0.00	0 - 09:52 hrs	0.00	7.79	0.00	0.01	11.09	1.34	4.25	0.00	0.00	0.01	2.59	0 - 09:52 hrs
1271	☐	WG-PT-3474	6.10	94.99	Surcharged	0.00	0 - 09:47 hrs	0.00	39.44	0.00	4.23	400.83	3.46	3.60	0.00	0.21	0.81	18.30	0 - 09:59 hrs
1272	☐	WG-PT-3492	5.10	83.35	w Maximum	0.00	0 - 09:49 hrs	0.00	13.59	0.00	1.13	0.00	1.72	2.00	0.00	0.00	0.06	7.77	0 - 09:49 hrs
1273	☐	WG-PT-3532	11.33	59.99	Surcharged	0.00	0 - 09:57 hrs	0.00	51.78	0.00	8.30	843.97	2.95	6.83	0.00	0.00	0.00	0.02	0 - 09:57 hrs
1274	☐	WG-PT-3563	8.30	64.08	Surcharged	0.00	0 - 09:47 hrs	0.00	19.43	0.00	2.31	235.99	5.13	6.30	0.00	0.00	0.21	0.13	0 - 09:56 hrs

EXISTING CONDITIONS 20-YR 24-HR JUNCTIONS

		ID	Maximum Depth (ft)	Maximum HGL (ft)	Maximum HGL Head Class	Freeboard (ft)	Max.Depth Day-Time (day-time)	Maximum Lateral Inflow (cfs)	Maximum Total Inflow (cfs)	Lateral Inflow Volume (MG)	Total Inflow Volume (MG)	Flow Volume Difference (MG)	Total Surcharge Time (hrs)	Max.Surchar ge Height Above Crown	Min.Surchar ge Depth Below Rim (ft)	Total Flood Volume (MG)	Total Flood Time (hrs)	Maximum Flood Rate (cfs)	Max.Flood Day-Time (day-time)
1275	☐	WG-PT-3568	7.48	62.38	w Maximum	0.37	0 - 09:47 hrs	0.00	19.33	0.00	2.32	517.49	7.45	5.23	0.37	0.00	0.00	0.00	0 - 00:00 hrs
1276	☐	WG-PT-3570	6.64	61.23	w Maximum	0.65	0 - 09:47 hrs	0.00	19.33	0.00	2.34	523.40	7.18	4.14	0.65	0.00	0.00	0.00	0 - 00:00 hrs
1277	☐	WG-PT-3571	6.50	60.88	w Maximum	0.50	0 - 09:47 hrs	0.00	19.33	0.00	2.35	678.15	9.67	4.00	0.50	0.00	0.00	0.00	0 - 00:00 hrs
1278	☐	WG-PT-3572	6.34	60.47	w Maximum	0.06	0 - 09:57 hrs	0.00	19.33	0.00	2.36	976.64	20.27	3.84	0.06	0.00	0.00	0.00	0 - 00:00 hrs
1279	☐	WG-PT-3576	6.44	59.55	w Maximum	0.41	0 - 00:16 hrs	0.00	13.81	0.00	1.27	739.59	47.45	4.43	0.41	0.00	0.00	0.00	0 - 00:00 hrs
1280	☐	WG-PT-3578	5.67	59.31	w Maximum	0.00	0 - 00:16 hrs	34.80	34.80	1.61	1.61	0.00	47.44	3.46	0.00	0.32	1.06	28.43	0 - 09:59 hrs
1281	☐	WG-PT-3584	8.97	74.30	Surcharged	0.00	0 - 09:52 hrs	60.81	60.81	2.96	2.96	0.00	2.29	6.97	0.00	0.16	0.40	27.61	0 - 10:03 hrs
1282	☐	WG-PT-3586	8.35	69.75	Surcharged	0.00	0 - 09:53 hrs	0.00	35.32	0.00	2.79	-161.22	0.87	5.80	0.00	0.00	0.00	2.33	0 - 09:53 hrs
1283	☐	WG-PT-3590	9.58	63.31	w Maximum	0.00	0 - 09:53 hrs	0.00	33.21	0.00	2.80	397.74	6.31	7.00	0.00	0.00	0.00	0.66	0 - 09:53 hrs
1284	☐	WG-PT-3599	12.63	61.07	w Maximum	1.25	0 - 00:07 hrs	0.00	145.63	0.00	8.78	12,675.28	47.84	7.63	1.25	0.00	0.00	0.00	0 - 00:00 hrs
1285	☐	WG-PT-3600	13.45	62.37	Surcharged	0.00	0 - 00:07 hrs	0.00	129.17	0.00	8.69	6,531.28	47.76	8.45	0.00	0.00	0.00	2.27	0 - 00:07 hrs
1286	☐	WG-PT-3738	11.20	64.33	Surcharged	0.00	0 - 00:02 hrs	0.00	7.08	0.00	0.87	349.82	47.90	9.70	0.00	0.00	0.00	3.02	0 - 00:02 hrs
1287	☐	WG-PT-3740	1.63	58.74	low Link Cro	5.32	0 - 09:57 hrs	0.00	11.22	0.00	0.46	-27.56	0.00	0.00	0.00	0.00	0.00	0.00	0 - 00:00 hrs
1288	☐	WG-PT-3756	9.50	57.50	Surcharged	0.00	0 - 00:02 hrs	0.00	34.43	0.00	2.15	0.00	47.92	6.55	0.00	0.00	0.00	11.16	0 - 00:02 hrs
1289	☐	WG-PT-3760	10.10	58.03	w Maximum	0.90	0 - 00:01 hrs	0.00	72.32	0.00	2.17	0.00	47.96	7.60	0.90	0.00	0.00	0.00	0 - 00:00 hrs
1290	☐	WG-PT-3761	13.45	61.01	w Maximum	0.00	0 - 00:01 hrs	0.00	62.55	0.00	2.16	1,214.05	47.94	10.95	0.00	0.00	0.00	33.50	0 - 00:01 hrs
1291	☐	WG-PT-3765	9.60	60.62	w Maximum	1.20	0 - 00:15 hrs	0.00	28.48	0.00	3.18	3,098.32	47.53	6.48	1.20	0.00	0.00	0.00	0 - 00:00 hrs
1292	☐	WG-PT-3780	1.60	66.78	low Link Cro	6.62	0 - 10:04 hrs	0.00	50.45	0.00	2.33	211.18	0.00	0.00	0.00	0.00	0.00	0.00	0 - 00:00 hrs
1293	☐	WG-PT-3800	12.95	92.71	w Maximum	0.00	0 - 09:53 hrs	0.00	231.45	0.00	40.91	-1,224.00	3.84	7.45	0.00	0.00	0.00	0.83	0 - 09:53 hrs
1294	☐	WG-PT-3809	10.00	94.95	Surcharged	0.00	0 - 09:53 hrs	0.00	76.03	0.00	10.16	427.06	2.95	5.50	0.00	0.00	0.00	58.69	0 - 09:53 hrs
1295	☐	WG-PT-3812	5.22	95.11	w Maximum	0.00	0 - 09:55 hrs	0.00	48.80	0.00	7.99	368.13	2.10	1.72	0.00	0.02	0.04	46.02	0 - 09:55 hrs
1296	☐	WG-PT-3813	5.82	96.06	Surcharged	0.00	0 - 09:56 hrs	0.00	47.70	0.00	8.00	807.24	2.01	2.20	0.00	0.00	0.00	27.80	0 - 09:56 hrs
1297	☐	WG-PT-3814	6.40	75.35	w Maximum	0.82	0 - 09:56 hrs	0.00	68.50	0.00	7.31	94.53	0.65	3.37	0.82	0.00	0.00	0.00	0 - 00:00 hrs
1298	☐	WG-PT-3821	9.79	55.93	w Maximum	0.01	0 - 09:56 hrs	0.00	15.75	0.00	1.88	0.00	47.69	7.79	0.01	0.00	0.00	0.00	0 - 00:00 hrs
1299	☐	WG-PT-3834	15.52	57.10	Surcharged	0.00	0 - 00:00 hrs	0.00	59.75	0.00	0.93	501.73	47.97	12.65	0.00	0.00	0.00	40.26	0 - 00:00 hrs
1300	☐	WG-PT-3836	9.04	57.31	w Maximum	5.26	0 - 09:56 hrs	0.00	22.36	0.00	0.91	458.34	1.72	6.92	5.26	0.00	0.00	0.00	0 - 00:00 hrs
1301	☐	WG-PT-3840	14.04	56.72	Surcharged	0.00	0 - 00:03 hrs	0.00	55.50	0.00	1.54	4,924.71	47.87	10.00	0.00	0.00	0.00	19.49	0 - 00:03 hrs
1302	☐	WG-PT-3853	6.55	53.45	w Maximum	0.00	0 - 09:52 hrs	0.00	21.12	0.00	1.64	53.63	1.42	4.30	0.00	0.00	0.00	13.16	0 - 09:52 hrs
1303	☐	WG-PT-3860	6.69	50.69	w Maximum	1.71	0 - 09:52 hrs	0.00	50.06	0.00	4.54	224.60	1.79	3.63	1.71	0.00	0.00	0.00	0 - 00:00 hrs
1304	☐	WG-PT-3862	5.95	49.46	w Maximum	2.27	0 - 09:52 hrs	0.00	50.05	0.00	4.55	1,159.55	1.75	2.77	2.27	0.00	0.00	0.00	0 - 00:00 hrs
1305	☐	WG-PT-3865	5.35	47.76	w Maximum	0.00	0 - 09:52 hrs	0.00	46.72	0.00	4.57	695.31	1.91	1.85	0.00	0.00	0.15	0.96	0 - 09:59 hrs
1306	☐	WG-PT-3871	10.66	60.28	w Maximum	1.66	0 - 00:08 hrs	0.00	32.11	0.00	6.50	2,761.91	47.71	7.52	1.66	0.00	0.00	0.00	0 - 00:00 hrs
1307	☐	WG-PT-3882	8.35	70.46	w Maximum	0.00	0 - 09:55 hrs	0.00	79.09	0.00	7.94	510.46	1.52	4.85	0.00	0.02	0.20	3.37	0 - 10:02 hrs
1308	☐	WG-PT-3884	7.69	67.49	w Maximum	0.00	0 - 09:55 hrs	0.00	79.09	0.00	7.92	176.78	1.28	4.19	0.00	0.02	0.16	10.90	0 - 09:59 hrs
1309	☐	WG-PT-3888	10.10	68.39	w Maximum	0.00	0 - 09:55 hrs	0.00	63.88	0.00	7.19	73.81	1.04	6.90	0.00	0.00	0.00	5.33	0 - 09:55 hrs
1310	☐	WG-PT-3898	2.22	78.52	low Link Cro	2.65	0 - 09:59 hrs	0.00	32.52	0.00	3.17	132.67	0.00	0.00	0.00	0.00	0.00	0.00	0 - 00:00 hrs
1311	☐	WG-PT-3945	10.70	102.11	w Maximum	0.00	0 - 09:51 hrs	0.00	118.56	0.00	8.67	-1,219.89	2.91	7.70	0.00	0.00	0.00	28.31	0 - 09:51 hrs
1312	☐	WG-PT-3966	8.80	96.48	Surcharged	0.00	0 - 09:53 hrs	0.00	21.47	0.00	0.63	0.09	2.77	6.80	0.00	0.00	0.00	14.68	0 - 09:53 hrs
1313	☐	WG-PT-3975	8.65	90.08	Surcharged	0.00	0 - 09:56 hrs	0.00	74.48	0.00	3.94	278.26	1.39	5.10	0.00	0.26	0.34	49.80	0 - 09:59 hrs
1314	☐	WG-PT-3981	14.00	38.23	w Maximum	0.86	0 - 11:22 hrs	0.00	46.00	0.00	18.69	23,244.30	35.49	6.17	0.86	0.00	0.00	0.00	0 - 00:00 hrs
1315	☐	WG-PT-3982	9.52	36.16	w Maximum	0.48	0 - 10:18 hrs	0.00	21.54	0.00	8.70	1,226.67	41.04	6.52	0.48	0.00	0.00	0.00	0 - 00:00 hrs
1316	☐	WG-PT-4027	1.21	57.00	low Link Cro	10.45	0 - 10:03 hrs	0.00	22.47	0.00	1.54	96.64	0.00	0.00	0.00	0.00	0.00	0.00	0 - 00:00 hrs
1317	☐	WG-PT-4061	8.83	86.20	w Maximum	0.00	0 - 09:52 hrs	0.00	231.33	0.00	42.84	2,195.73	2.32	3.10	0.00	1.53	0.75	154.41	0 - 10:03 hrs
1318	☐	WG-PT-4069	4.21	65.38	w Maximum	0.17	0 - 09:47 hrs	0.00	5.90	0.00	0.62	0.00	1.79	2.87	0.17	0.00	0.00	0.00	0 - 00:00 hrs
1319	☐	WG-PT-4071	4.68	65.83	Surcharged	0.00	0 - 09:47 hrs	0.00	5.91	0.00	0.62	29.12	2.11	3.35	0.00	0.00	0.00	0.06	0 - 09:47 hrs
1320	☐	WG-PT-4078	4.60	53.56	w Maximum	0.50	0 - 10:00 hrs	0.00	4.49	0.00	1.18	104.51	7.89	3.10	0.50	0.00	0.00	0.00	0 - 00:00 hrs
1321	☐	WG-PT-4079	4.61	53.42	w Maximum	0.59	0 - 10:41 hrs	0.00	4.49	0.00	1.18	83.25	7.79	3.11	0.59	0.00	0.00	0.00	0 - 00:00 hrs
1322	☐	WG-PT-4082	4.83	52.75	w Maximum	0.22	0 - 09:48 hrs	0.00	4.48	0.00	1.18	51.12	8.53	3.32	0.22	0.00	0.00	0.00	0 - 00:00 hrs
1323	☐	WG-PT-4083	4.72	52.69	w Maximum	0.18	0 - 10:00 hrs	0.00	4.50	0.00	1.18	0.00	8.34	3.22	0.18	0.00	0.00	0.00	0 - 00:00 hrs

EXISTING CONDITIONS 20-YR 24-HR JUNCTIONS

		ID	Maximum Depth (ft)	Maximum HGL (ft)	Maximum HGL Head Class	Freeboard (ft)	Max.Depth Day-Time (day-time)	Maximum Lateral Inflow (cfs)	Maximum Total Inflow (cfs)	Lateral Inflow Volume (MG)	Total Inflow Volume (MG)	Flow Volume Difference (MG)	Total Surcharge Time (hrs)	Max.Surchar ge Height Above Crown	Min.Surchar ge Depth Below Rim (ft)	Total Flood Volume (MG)	Total Flood Time (hrs)	Maximum Flood Rate (cfs)	Max.Flood Day-Time (day-time)
1324	☐	WG-PT-4085	4.79	52.48	w Maximum	0.10	0 - 10:41 hrs	0.00	4.49	0.00	1.18	94.65	8.54	3.29	0.10	0.00	0.00	0.00	0 - 00:00 hrs
1325	☐	WG-PT-5007	5.92	55.26	w Maximum	0.00	0 - 09:52 hrs	0.00	17.98	0.00	1.98	0.00	2.44	3.92	0.00	0.00	0.10	1.79	0 - 09:52 hrs
1326	☐	WG-PT-5020	5.25	52.18	w Maximum	0.00	0 - 09:52 hrs	34.63	34.63	1.65	1.66	0.00	1.65	3.00	0.00	0.00	0.09	6.54	0 - 09:52 hrs
1327	☐	WG-PT-5037	13.20	39.20	w Maximum	0.60	0 - 11:08 hrs	0.00	206.45	0.00	34.66	25,924.06	32.95	5.70	0.60	0.00	0.00	0.00	0 - 00:00 hrs
1328	☐	WG-PT-5038	10.72	40.21	Surcharged	0.00	0 - 06:26 hrs	0.00	65.42	0.00	6.29	-10,991.24	33.30	6.72	0.00	0.00	0.00	40.62	0 - 06:31 hrs
1329	☐	WG-PT-5042	11.90	36.13	w Maximum	0.00	0 - 09:33 hrs	0.00	41.45	0.00	14.50	5,375.91	41.03	6.50	0.00	0.00	2.82	0.31	0 - 09:45 hrs
1330	☐	WG-PT-5043	11.45	36.08	Surcharged	0.00	0 - 09:33 hrs	0.00	41.45	0.00	14.46	2,820.79	41.11	6.47	0.00	5.62	14.36	20.70	0 - 10:19 hrs
1331	☐	WG-PT-5058	6.55	51.49	Surcharged	0.00	0 - 09:52 hrs	0.00	28.80	0.00	3.13	184.68	2.31	3.45	0.00	0.00	0.16	5.37	0 - 09:52 hrs
1332	☐	WG-PT-5059	5.95	51.40	Surcharged	0.00	0 - 09:52 hrs	0.00	8.66	0.00	0.97	228.77	2.69	4.40	0.00	0.00	0.26	0.53	0 - 10:07 hrs
1333	☐	WG-PT-5060	6.92	51.54	Surcharged	0.00	0 - 09:52 hrs	0.00	66.18	0.00	7.73	610.75	2.20	3.38	0.00	0.00	0.00	21.86	0 - 09:52 hrs
1334	☐	WG-PT-5065	8.54	55.60	w Maximum	0.16	0 - 09:52 hrs	0.00	26.38	0.00	2.77	182.39	2.15	5.85	0.16	0.00	0.00	0.00	0 - 00:00 hrs
1335	☐	WG-PT-5067	3.70	54.63	Surcharged	0.00	0 - 09:48 hrs	0.00	1.75	0.00	0.17	128.25	2.32	2.25	0.00	0.00	0.44	1.27	0 - 09:48 hrs
1336	☐	WG-PT-5071	4.90	56.76	Surcharged	0.00	0 - 09:52 hrs	0.00	2.85	0.00	0.69	40.62	2.71	3.59	0.00	0.00	0.01	0.86	0 - 09:52 hrs
1337	☐	WG-PT-5076	8.30	59.31	w Maximum	0.00	0 - 09:52 hrs	0.00	14.17	0.00	1.94	490.06	4.65	6.25	0.00	0.00	0.03	1.31	0 - 09:52 hrs
1338	☐	WG-PT-5084	3.96	48.43	w Maximum	0.00	0 - 09:52 hrs	0.00	2.37	0.00	0.02	0.00	2.18	2.71	0.00	0.02	0.55	2.07	0 - 09:52 hrs
1339	☐	WG-PT-5092	9.80	48.10	w Maximum	0.00	0 - 09:48 hrs	0.00	51.40	0.00	8.14	491.58	5.27	6.20	0.00	0.00	0.00	0.96	0 - 09:48 hrs
1340	☐	WG-PT-5093	4.60	48.76	Surcharged	0.00	0 - 09:42 hrs	0.00	3.76	0.00	0.32	0.00	4.90	3.35	0.00	0.00	0.39	2.65	0 - 09:42 hrs
1341	☐	WG-PT-5095	4.60	48.15	Surcharged	0.00	0 - 09:41 hrs	0.00	4.15	0.00	0.32	55.91	5.15	3.15	0.00	0.01	1.00	2.84	0 - 09:41 hrs
1342	☐	WG-PT-5096	4.50	48.03	w Maximum	0.00	0 - 09:41 hrs	0.00	3.44	0.00	0.31	36.46	5.23	3.19	0.00	0.04	0.99	3.02	0 - 10:12 hrs
1343	☐	WG-PT-5148	8.45	44.60	w Maximum	0.85	0 - 09:57 hrs	0.00	27.58	0.00	2.73	3,081.17	3.17	4.76	0.85	0.00	0.00	0.00	0 - 00:00 hrs
1344	☐	WG-PT-5155	5.10	48.63	w Maximum	0.00	0 - 09:44 hrs	0.00	12.26	0.00	1.37	101.79	5.49	3.05	0.00	0.00	0.44	0.06	0 - 09:44 hrs
1345	☐	WG-PT-5206	12.65	44.53	w Maximum	0.40	0 - 09:59 hrs	0.00	136.94	0.00	13.93	12,041.78	28.10	7.15	0.40	0.00	0.00	0.00	0 - 00:00 hrs
1346	☐	WG-PT-5209	13.34	46.65	w Maximum	0.00	0 - 09:45 hrs	0.00	104.18	0.00	12.55	8,871.70	11.96	7.62	0.00	0.00	0.00	0.37	0 - 09:45 hrs
1347	☐	WG-PT-5213	12.93	47.09	Surcharged	0.00	0 - 09:51 hrs	0.00	104.18	0.00	12.62	3,173.86	8.71	7.53	0.00	0.00	0.00	0.84	0 - 09:51 hrs
1348	☐	WG-PT-5214	13.01	47.82	Surcharged	0.00	0 - 09:51 hrs	0.00	104.10	0.00	12.63	2,226.43	7.84	7.91	0.00	0.00	0.00	0.62	0 - 09:51 hrs
1349	☐	WG-PT-5219	7.84	49.55	w Maximum	0.00	0 - 09:52 hrs	0.00	61.40	0.00	8.77	781.54	2.57	3.62	0.00	0.00	0.00	13.52	0 - 09:52 hrs
1350	☐	WG-PT-5225	6.27	49.30	Surcharged	0.00	0 - 09:53 hrs	13.63	13.63	0.57	0.57	0.00	2.19	4.27	0.00	0.02	0.25	10.21	0 - 09:53 hrs
1351	☐	WG-PT-5226	6.28	49.20	Surcharged	0.00	0 - 09:53 hrs	0.00	18.09	0.00	0.55	26.54	2.31	4.28	0.00	0.02	0.28	16.63	0 - 09:53 hrs
1352	☐	WG-PT-5233	4.88	49.69	Surcharged	0.00	0 - 09:51 hrs	0.00	7.25	0.00	0.04	0.00	4.66	3.38	0.00	0.04	0.64	6.74	0 - 09:51 hrs
1353	☐	WG-PT-75061	12.05	96.67	w Maximum	0.00	0 - 09:52 hrs	0.00	52.99	0.00	4.15	148.31	1.24	9.55	0.00	0.00	0.00	6.58	0 - 09:52 hrs
1354	☐	WG-PT-75077	9.90	97.31	w Maximum	0.00	0 - 09:57 hrs	0.00	90.79	0.00	9.00	-551.37	0.70	5.90	0.00	0.00	0.00	25.90	0 - 09:57 hrs
1355	☐	WG_DI_01	5.00	50.00	low Link Cro	0.00	0 - 09:55 hrs	82.37	82.37	4.94	4.96	0.00	2.07	0.00	0.00	0.59	1.03	56.24	0 - 09:55 hrs
1356	☐	WG_DI_02	5.00	130.00	low Link Cro	0.00	0 - 09:41 hrs	170.51	170.51	10.58	10.58	0.00	9.83	0.00	0.00	4.16	4.92	152.29	0 - 09:59 hrs
1357	☐	WG_DI_03	5.00	120.00	low Link Cro	0.00	0 - 09:52 hrs	286.95	286.95	18.88	18.88	0.00	4.78	0.00	0.00	3.94	2.39	223.33	0 - 10:03 hrs
1358	☐	WG_DI_04	5.00	105.00	low Link Cro	0.00	0 - 09:56 hrs	76.05	76.05	4.05	4.05	0.00	5.68	0.00	0.00	1.13	2.83	63.94	0 - 09:59 hrs
1359	☐	WG_DI_05	5.00	108.00	low Link Cro	0.00	0 - 09:52 hrs	401.77	401.77	25.42	25.42	0.00	3.25	0.00	0.00	4.22	1.63	293.73	0 - 10:03 hrs
1360	☐	WG_DI_06	8.00	94.00	w Maximum	0.00	0 - 09:55 hrs	50.34	50.34	2.32	2.32	0.00	1.11	4.50	0.00	0.13	0.34	30.79	0 - 09:55 hrs

EXISTING CONDITIONS 20-YR 24-HR CONDUITS

		ID	Full Depth (ft)	Full Flow (cfs)	Percent Slope (%)	Maximum Flow (cfs)	Maximum Flow Class	Max.Flow Day-Time (day-time)	Velocity at Maximum Flow (ft/s)	Maximum Velocity (ft/s)	Max.Flow/Fu ll Flow	Max.Depth/F ull Depth	Reserve Capacity (cfs)	Total Flow Volume (MG)	Maximum Top Width (ft)	Both End Surcharge Time (hrs)	Upstream Surcharge Time (hrs)	Downstream Surcharge Time (hrs)	Above Full-Flow Time (hrs)	Capacity Limited Time (hrs)	Instability Index
1	☐	0	2.00	11.88	0.24	11.06	Backwater	0 - 09:59 hrs	3.52	3.52	0.93	1.00	0.83	0.41	2.00	14.09	14.09	14.14	0.00	0.10	58
2	☐	10	4.00	105.70	0.54	50.73	Free Surface	0 - 10:04 hrs	9.24	9.24	0.48	0.45	54.96	3.04	3.98	0.00	0.00	0.00	0.00	0.00	0
3	☐	100	3.00	30.53	0.60	12.68	Free Surface	0 - 10:06 hrs	2.77	2.77	0.42	0.62	17.85	0.55	3.00	0.00	0.00	0.00	0.00	0.00	0
4	☐	1000	5.50	182.68	0.30	104.18	Backwater	0 - 09:59 hrs	4.39	4.39	0.57	1.00	78.50	12.55	5.50	6.50	6.50	6.98	0.00	0.78	28
5	☐	1001	5.00	82.17	0.10	104.11	ceeds Capac	0 - 09:59 hrs	5.30	5.30	1.27	1.00	-21.94	12.57	5.00	8.51	8.51	9.10	0.87	1.45	30
6	☐	1002	5.50	139.87	0.17	104.21	Backwater	0 - 09:59 hrs	4.39	4.39	0.75	1.00	35.66	12.48	5.50	5.97	5.97	12.78	0.00	0.00	29
7	☐	1003	3.50	27.15	0.07	51.40	ceeds Capac	0 - 10:15 hrs	5.34	5.34	1.89	1.00	-24.24	8.14	3.50	2.63	2.68	2.63	3.35	2.24	11
8	☐	1004	2.75	30.85	0.34	19.77	Backwater	0 - 09:55 hrs	3.33	3.33	0.64	1.00	11.09	2.51	2.75	15.12	15.12	16.48	0.00	0.00	52
9	☐	1005	1.50	3.07	0.11	5.96	ceeds Capac	0 - 09:52 hrs	3.37	3.37	1.94	1.00	-2.89	0.19	1.50	1.29	1.34	1.30	1.37	1.28	3
10	☐	1006	2.50	19.22	0.22	26.70	ceeds Capac	0 - 09:52 hrs	5.44	5.44	1.39	1.00	-7.49	2.77	2.50	1.03	1.05	1.04	0.46	0.45	4
11	☐	1007	2.00	9.12	0.16	17.97	ceeds Capac	0 - 09:49 hrs	5.72	5.72	1.97	1.00	-8.85	2.03	2.00	1.62	1.62	1.62	1.50	1.34	2
12	☐	1008	3.00	32.17	0.23	16.00	Backwater	0 - 10:03 hrs	2.26	2.26	0.50	1.00	16.17	1.44	3.00	16.57	16.57	17.89	0.00	0.00	47
13	☐	1009	3.00	38.14	0.33	16.02	Backwater	0 - 10:03 hrs	2.27	2.43	0.42	1.00	22.11	1.41	3.00	17.70	17.70	18.49	0.00	0.00	68
14	☐	101	2.25	39.62	1.64	22.45	Free Surface	0 - 10:03 hrs	6.84	6.84	0.57	0.77	17.16	1.54	2.25	0.00	0.00	23.74	0.00	0.00	0
15	☐	1010	3.00	31.60	0.22	16.07	Backwater	0 - 10:03 hrs	2.27	2.27	0.51	1.00	15.53	1.40	3.00	19.36	19.36	19.67	0.00	0.00	67
16	☐	1011	2.50	39.35	0.92	39.33	Backwater	0 - 09:59 hrs	8.01	8.23	1.00	1.00	0.02	2.46	2.50	0.47	0.47	2.79	0.00	0.02	7
17	☐	1012	2.50	11.49	0.08	39.31	ceeds Capac	0 - 09:59 hrs	8.01	8.01	3.42	1.00	-27.82	2.47	2.50	0.50	0.58	0.50	1.33	0.50	4
18	☐	1013	2.50	19.25	0.22	39.33	ceeds Capac	0 - 09:59 hrs	8.01	8.01	2.04	1.00	-20.09	2.47	2.50	0.58	0.62	0.58	0.76	0.58	1
19	☐	1014	2.00	12.21	0.29	17.87	ceeds Capac	0 - 09:52 hrs	5.69	5.69	1.46	1.00	-5.66	1.44	2.00	0.75	0.75	0.80	0.76	0.73	1
20	☐	1015	2.00	13.29	0.35	17.87	ceeds Capac	0 - 09:52 hrs	5.69	5.69	1.34	1.00	-4.58	1.44	2.00	0.67	0.67	0.69	0.64	0.56	1
21	☐	1016	2.00	12.67	0.31	17.89	ceeds Capac	0 - 09:52 hrs	5.69	5.69	1.41	1.00	-5.22	1.44	2.00	0.67	0.67	0.67	0.70	0.63	1
22	☐	1017	2.00	17.50	0.60	16.43	Backwater	0 - 10:08 hrs	5.23	5.23	0.94	1.00	1.07	1.00	2.00	0.58	0.58	0.67	0.00	0.00	1
23	☐	1018	2.00	14.84	0.43	17.40	ceeds Capac	0 - 10:11 hrs	5.54	5.54	1.17	1.00	-2.55	1.36	2.00	1.05	1.05	1.20	0.52	0.52	3
24	☐	1019	2.00	11.10	0.24	12.98	ceeds Capac	0 - 10:41 hrs	4.13	4.13	1.17	1.00	-1.89	1.51	2.00	1.22	1.22	1.31	0.38	0.39	2
25	☐	102	2.00	19.73	0.76	22.47	Free Surface	0 - 10:07 hrs	8.31	8.35	1.14	0.80	-2.74	1.54	2.00	0.00	0.39	0.00	0.36	0.00	1
26	☐	1020	2.00	15.15	0.45	15.91	ceeds Capac	0 - 10:41 hrs	5.07	5.07	1.05	1.00	-0.76	2.05	2.00	1.25	1.25	1.35	0.38	0.35	5
27	☐	1021	2.00	9.62	0.18	15.91	ceeds Capac	0 - 10:41 hrs	5.06	5.06	1.65	1.00	-6.29	2.05	2.00	1.34	1.40	1.34	1.53	1.32	4
28	☐	1022	2.00	9.79	0.19	15.91	ceeds Capac	0 - 10:41 hrs	5.06	5.06	1.62	1.00	-6.12	2.05	2.00	1.28	1.38	1.28	1.52	1.25	4
29	☐	1023	2.00	12.95	0.33	25.98	ceeds Capac	0 - 09:59 hrs	8.27	8.27	2.01	1.00	-13.03	2.64	2.00	1.20	1.35	1.20	1.48	1.20	3
30	☐	1024	2.00	10.61	0.22	25.97	ceeds Capac	0 - 09:59 hrs	8.27	8.27	2.45	1.00	-15.36	2.64	2.00	0.51	1.40	0.51	1.77	0.51	3
31	☐	1025	2.00	17.34	0.59	26.02	Free Surface	0 - 09:59 hrs	8.46	8.46	1.50	0.95	-8.68	2.64	2.00	0.00	0.51	0.00	0.95	0.00	1
32	☐	1026	3.00	39.31	0.35	24.74	Free Surface	0 - 10:00 hrs	3.88	4.03	0.63	0.89	14.57	2.63	3.00	0.00	0.00	8.92	0.00	0.00	13
33	☐	1027	2.00	12.96	0.33	20.12	ceeds Capac	0 - 09:57 hrs	6.40	6.40	1.55	1.00	-7.16	1.44	2.00	0.43	0.44	0.43	0.50	0.43	1
34	☐	1028	2.00	10.50	0.22	20.12	ceeds Capac	0 - 09:57 hrs	6.40	6.40	1.92	1.00	-9.62	1.44	2.00	0.41	0.49	0.41	0.64	0.41	1
35	☐	1029	2.00	12.52	0.31	20.12	ceeds Capac	0 - 09:57 hrs	6.40	6.40	1.61	1.00	-7.60	1.43	2.00	0.37	0.39	0.37	0.53	0.37	1
36	☐	103	2.00	18.27	0.65	22.72	ceeds Capac	0 - 09:55 hrs	7.24	7.24	1.24	1.00	-4.45	1.55	2.00	0.39	0.40	0.39	0.43	0.37	1
37	☐	1030	2.00	12.48	0.30	20.12	ceeds Capac	0 - 09:57 hrs	6.40	6.40	1.61	1.00	-7.64	1.43	2.00	0.34	0.39	0.34	0.53	0.34	1
38	☐	1031	2.00	12.19	0.29	20.25	ceeds Capac	0 - 09:56 hrs	6.78	6.78	1.66	1.00	-8.06	1.43	2.00	0.15	0.36	0.15	0.55	0.15	1
39	☐	1032	2.25	26.76	0.75	21.93	Backwater	0 - 10:11 hrs	5.98	7.32	0.82	1.00	4.83	1.43	2.25	0.14	0.14	0.26	0.00	0.00	0
40	☐	1033	2.25	33.77	1.19	21.94	Backwater	0 - 10:11 hrs	5.52	7.35	0.65	1.00	11.83	1.43	2.25	0.29	0.29	0.37	0.00	0.00	1
41	☐	1035	2.50	22.73	0.31	35.72	ceeds Capac	0 - 10:00 hrs	7.28	7.28	1.57	1.00	-12.99	2.29	2.50	0.35	0.36	0.35	0.46	0.35	0
42	☐	1036	2.50	22.74	0.31	35.71	Free Surface	0 - 10:00 hrs	7.41	7.44	1.57	1.00	-12.97	2.29	2.50	0.00	0.35	0.00	0.46	0.00	0
43	☐	1037	2.50	30.88	0.57	36.24	ceeds Capac	0 - 09:57 hrs	7.38	7.39	1.17	1.00	-5.36	2.29	2.48	0.01	0.11	0.01	0.26	0.00	0
44	☐	1038	2.50	36.15	0.78	36.47	ceeds Capac	0 - 09:57 hrs	7.43	7.43	1.01	1.00	-0.32	2.28	2.05	0.17	0.18	0.25	0.01	0.03	0
45	☐	1039	2.50	19.99	0.24	36.47	Free Surface	0 - 09:57 hrs	7.52	7.52	1.82	0.96	-16.48	2.28	1.54	0.00	0.25	0.00	0.53	0.00	0
46	☐	104	2.00	27.45	1.47	22.75	Backwater	0 - 09:55 hrs	8.01	8.01	0.83	1.00	4.70	1.55	2.00	0.32	0.32	0.40	0.00	0.00	2
47	☐	1040	2.50	33.85	0.68	47.66	Free Surface	0 - 09:59 hrs	9.88	9.88	1.41	0.97	-13.81	1.81	2.50	0.00	0.12	0.00	0.18	0.00	0
48	☐	1042	3.50	67.70	0.45	47.16	Free Surface	0 - 09:59 hrs	6.34	6.54	0.70	0.85	20.53	1.81	3.50	0.00	0.00	0.00	0.00	0.00	0
49	☐	1043	3.50	44.49	0.20	42.12	Backwater	0 - 10:00 hrs	4.39	5.05	0.95	1.00	2.37	1.81	3.50	0.00	0.00	0.08	0.00	0.00	0

EXISTING CONDITIONS 20-YR 24-HR CONDUITS

		ID	Full Depth (ft)	Full Flow (cfs)	Percent Slope (%)	Maximum Flow (cfs)	Maximum Flow Class	Max.Flow Day-Time (day-time)	Velocity at Maximum Flow (ft/s)	Maximum Velocity (ft/s)	Max.Flow/Fu ll Flow	Max.Depth/F ull Depth	Reserve Capacity (cfs)	Total Flow Volume (MG)	Maximum Top Width (ft)	Both End Surcharge Time (hrs)	Upstream Surcharge Time (hrs)	Downstream Surcharge Time (hrs)	Above Full-Flow Time (hrs)	Capacity Limited Time (hrs)	Instability Index
50	☐	1044	3.50	51.97	0.27	40.52	Backwater	0 - 10:04 hrs	4.28	4.60	0.78	1.00	11.45	1.81	3.50	0.00	0.00	0.14	0.00	0.00	0
51	☐	1045	3.50	61.38	0.37	68.20	ceeds Capac	0 - 10:02 hrs	7.09	7.09	1.11	1.00	-6.82	3.03	3.50	0.15	0.16	0.16	0.13	0.11	0
52	☐	1046	3.50	41.53	0.17	68.52	ceeds Capac	0 - 10:00 hrs	7.71	7.71	1.65	1.00	-26.99	3.03	3.50	0.00	0.13	0.00	0.31	0.00	0
53	☐	1047	3.50	87.30	0.75	68.09	Backwater	0 - 10:02 hrs	8.49	8.52	0.78	1.00	19.20	3.03	3.50	0.00	0.00	0.07	0.00	0.00	0
54	☐	1048	3.50	55.22	0.30	67.93	ceeds Capac	0 - 10:02 hrs	7.73	7.74	1.23	1.00	-12.71	3.03	3.50	0.06	0.07	0.06	0.22	0.05	0
55	☐	1049	4.00	75.82	0.28	68.00	Free Surface	0 - 10:02 hrs	7.10	7.11	0.90	0.99	7.82	3.02	4.00	0.00	0.00	0.01	0.00	0.00	0
56	☐	105	2.00	18.69	0.68	24.46	ceeds Capac	0 - 09:55 hrs	7.82	8.20	1.31	1.00	-5.77	1.55	2.00	0.32	0.36	0.32	0.40	0.32	1
57	☐	1050	4.00	74.75	0.27	69.69	Backwater	0 - 10:03 hrs	7.42	7.55	0.93	1.00	5.06	3.03	4.00	0.01	0.01	0.02	0.00	0.00	0
58	☐	1051	4.00	90.82	0.40	69.05	Backwater	0 - 10:02 hrs	7.80	7.97	0.76	1.00	21.78	3.02	4.00	0.02	0.02	0.06	0.00	0.00	0
59	☐	1052	4.00	100.20	0.49	69.77	Backwater	0 - 10:00 hrs	7.03	7.13	0.70	1.00	30.43	3.03	4.00	0.06	0.06	0.12	0.00	0.00	0
60	☐	1053	4.00	79.87	0.31	80.32	Backwater	0 - 10:00 hrs	8.26	8.63	1.01	1.00	-0.46	3.45	4.00	0.12	0.12	0.18	0.00	0.00	0
61	☐	1054	4.00	153.88	1.15	82.19	Backwater	0 - 09:59 hrs	10.44	10.44	0.53	1.00	71.69	3.43	4.00	0.17	0.18	0.21	0.00	0.00	5
62	☐	1055	4.00	183.46	1.63	74.90	Backwater	0 - 10:00 hrs	5.96	6.16	0.41	1.00	108.56	3.44	4.00	0.23	0.23	0.32	0.00	0.00	4
63	☐	1056	4.00	80.08	0.31	70.53	Backwater	0 - 10:08 hrs	5.61	5.61	0.88	1.00	9.55	3.43	4.00	0.22	0.22	0.27	0.00	0.00	3
64	☐	1057	4.00	80.35	0.31	87.72	ceeds Capac	0 - 10:06 hrs	6.98	6.98	1.09	1.00	-7.37	4.38	4.00	0.27	0.27	0.30	0.17	0.16	3
65	☐	1058	4.00	87.56	0.37	87.82	ceeds Capac	0 - 10:06 hrs	6.99	6.99	1.00	1.00	-0.27	4.37	4.00	0.30	0.30	0.33	0.01	0.06	3
66	☐	1059	4.00	110.02	0.59	87.82	Backwater	0 - 10:06 hrs	6.99	6.99	0.80	1.00	22.20	4.36	4.00	0.33	0.33	0.36	0.00	0.03	4
67	☐	106	6.00	303.63	0.51	139.35	Backwater	0 - 09:59 hrs	4.93	4.93	0.46	1.00	164.28	8.92	6.00	0.79	0.79	20.57	0.00	0.00	12
68	☐	1060	4.00	32.40	0.05	87.92	Backwater	0 - 10:06 hrs	7.00	7.00	2.71	1.00	-55.52	4.35	4.00	0.29	0.29	0.36	0.58	0.00	4
69	☐	1061	1.75	11.17	0.66	23.94	ceeds Capac	0 - 09:53 hrs	9.95	9.95	2.14	1.00	-12.78	1.53	1.62	1.37	1.37	23.97	0.86	0.86	4
70	☐	1062	4.00	77.18	0.29	109.70	ceeds Capac	0 - 10:06 hrs	8.73	8.73	1.42	1.00	-32.52	5.87	3.97	0.23	0.29	0.23	0.40	0.23	1
71	☐	1063	4.00	76.68	0.28	109.84	ceeds Capac	0 - 10:06 hrs	8.80	8.80	1.43	1.00	-33.17	5.85	3.56	0.00	0.23	0.00	0.40	0.00	1
72	☐	1064	1.75	6.63	0.23	1.67	Free Surface	0 - 09:59 hrs	2.63	2.63	0.25	0.31	4.96	0.05	1.73	0.00	0.00	0.00	0.00	0.00	0
73	☐	1065	2.50	69.95	2.91	18.51	Free Surface	0 - 09:59 hrs	5.25	5.25	0.26	0.68	51.44	0.69	2.45	0.00	0.00	24.00	0.00	0.00	1
74	☐	1066	2.50	23.19	0.32	16.93	Free Surface	0 - 09:59 hrs	5.56	5.56	0.73	0.59	6.26	0.64	2.50	0.00	0.00	0.00	0.00	0.00	0
75	☐	1067	3.00	38.68	0.34	41.93	Backwater	0 - 00:00 hrs	6.04	6.13	1.08	1.00	-3.25	1.15	1.20	0.03	0.03	24.00	0.00	0.00	0
76	☐	1068	3.00	36.91	0.31	30.21	Free Surface	0 - 09:59 hrs	4.47	5.18	0.82	0.91	6.70	1.14	2.94	0.00	0.00	0.00	0.00	0.00	0
77	☐	1069	1.25	7.83	1.95	6.49	Backwater	0 - 09:59 hrs	5.29	5.29	0.83	1.00	1.34	0.23	1.21	0.16	0.16	23.98	0.00	0.00	0
78	☐	107	3.00	44.98	0.45	21.54	Backwater	0 - 10:02 hrs	3.05	3.05	0.48	1.00	23.44	8.06	3.00	20.52	20.52	20.62	0.00	0.22	82
79	☐	1070	2.00	35.98	2.53	20.72	Backwater	0 - 09:52 hrs	7.96	9.24	0.58	1.00	15.27	1.62	2.00	0.59	0.59	0.65	0.00	0.00	2
80	☐	1071	2.00	20.15	0.79	18.14	Backwater	0 - 10:22 hrs	5.78	6.71	0.90	1.00	2.01	1.62	2.00	0.65	0.65	0.75	0.00	0.00	1
81	☐	1072	2.50	28.94	0.50	28.17	Backwater	0 - 09:52 hrs	5.74	5.74	0.97	1.00	0.77	2.30	2.50	0.78	0.78	1.02	0.00	0.01	2
82	☐	1073	2.50	13.32	0.11	28.17	Backwater	0 - 09:52 hrs	5.74	5.74	2.11	1.00	-14.84	2.29	2.50	0.74	0.74	1.02	1.21	0.00	2
83	☐	1074	3.50	61.22	0.37	120.26	Free Surface	0 - 09:59 hrs	12.65	12.65	1.96	0.96	-59.05	5.37	3.50	0.00	0.26	0.00	0.44	0.00	0
84	☐	1075	3.50	39.62	0.16	120.24	ceeds Capac	0 - 09:59 hrs	12.50	12.50	3.03	1.00	-80.62	5.38	3.50	0.30	0.36	0.30	0.72	0.30	1
85	☐	1076	3.50	118.26	1.38	120.29	ceeds Capac	0 - 09:59 hrs	12.50	12.50	1.02	1.00	-2.03	5.38	3.50	0.19	0.19	0.37	0.01	0.01	0
86	☐	1077	3.50	88.36	0.77	114.95	ceeds Capac	0 - 09:59 hrs	11.95	11.95	1.30	1.00	-26.59	5.20	3.50	0.19	0.20	0.23	0.22	0.18	0
87	☐	1078	3.50	53.66	0.28	75.62	ceeds Capac	0 - 09:57 hrs	7.89	7.94	1.41	1.00	-21.96	3.49	3.50	0.17	0.18	0.17	0.30	0.17	0
88	☐	1079	3.50	51.12	0.26	75.95	ceeds Capac	0 - 09:56 hrs	8.07	8.07	1.49	1.00	-24.83	3.49	3.50	0.18	0.23	0.18	0.33	0.18	0
89	☐	108	3.00	46.99	0.50	21.54	Backwater	0 - 13:18 hrs	3.05	3.05	0.46	1.00	25.45	8.05	3.00	19.86	19.86	20.52	0.00	0.00	83
90	☐	1080	3.00	35.10	0.28	68.53	Free Surface	0 - 09:59 hrs	9.94	9.94	1.95	0.94	-33.43	4.51	3.00	0.00	0.52	0.00	0.75	0.00	0
91	☐	1082	3.00	23.78	0.13	68.52	ceeds Capac	0 - 09:59 hrs	9.69	9.69	2.88	1.00	-44.74	4.51	3.00	0.40	0.73	0.40	1.25	0.40	0
92	☐	1083	3.00	20.20	0.09	50.07	ceeds Capac	0 - 09:59 hrs	7.08	7.08	2.48	1.00	-29.87	3.80	3.00	0.70	0.79	0.70	1.26	0.70	1
93	☐	1084	2.00	23.86	1.11	27.21	ceeds Capac	0 - 09:59 hrs	8.66	8.75	1.14	1.00	-3.35	1.11	2.00	0.02	0.02	0.02	0.13	0.02	0
94	☐	1085	2.00	20.99	0.86	27.21	ceeds Capac	0 - 09:59 hrs	8.66	8.66	1.30	1.00	-6.22	1.11	2.00	0.02	0.16	0.02	0.19	0.02	0
95	☐	1086	2.00	18.60	0.68	23.85	ceeds Capac	0 - 09:59 hrs	7.59	7.59	1.28	1.00	-5.24	0.93	1.99	0.17	0.17	0.28	0.13	0.12	0
96	☐	1087	2.00	14.91	0.43	23.82	ceeds Capac	0 - 09:59 hrs	7.58	7.58	1.60	1.00	-8.91	0.93	2.00	0.12	0.14	0.12	0.23	0.12	0
97	☐	1088	2.00	19.41	0.74	23.84	ceeds Capac	0 - 09:59 hrs	7.59	7.59	1.23	1.00	-4.43	0.93	2.00	0.13	0.13	0.17	0.10	0.09	0
98	☐	1089	2.00	14.47	0.41	23.81	ceeds Capac	0 - 09:59 hrs	7.58	7.58	1.65	1.00	-9.34	0.93	2.00	0.14	0.17	0.14	0.24	0.14	0

EXISTING CONDITIONS 20-YR 24-HR CONDUITS

		ID	Full Depth (ft)	Full Flow (cfs)	Percent Slope (%)	Maximum Flow (cfs)	Maximum Flow Class	Max.Flow Day-Time (day-time)	Velocity at Maximum Flow (ft/s)	Maximum Velocity (ft/s)	Max.Flow/Fu ll Flow	Max.Depth/F ull Depth	Reserve Capacity (cfs)	Total Flow Volume (MG)	Maximum Top Width (ft)	Both End Surcharge Time (hrs)	Upstream Surcharge Time (hrs)	Downstream Surcharge Time (hrs)	Above Full-Flow Time (hrs)	Capacity Limited Time (hrs)	Instability Index
99	☐	1090	2.00	20.24	0.80	23.81	ceeds Capac	0 - 09:59 hrs	7.58	7.58	1.18	1.00	-3.57	0.93	2.00	0.17	0.17	0.22	0.07	0.07	0
100	☐	1091	2.00	4.64	0.04	23.81	ceeds Capac	0 - 09:59 hrs	7.58	7.58	5.13	1.00	-19.16	0.93	2.00	0.15	0.26	0.15	0.83	0.15	0
101	☐	1092	3.00	112.63	2.85	68.02	Free Surface	0 - 09:59 hrs	12.59	12.59	0.60	0.71	44.60	4.51	3.00	0.00	0.00	0.00	0.00	0.00	0
102	☐	1093	3.00	94.67	2.01	67.78	Free Surface	0 - 09:59 hrs	14.54	14.54	0.72	0.63	26.89	4.51	3.00	0.00	0.00	0.00	0.00	0.00	0
103	☐	1094	3.00	66.21	0.99	72.04	ceeds Capac	0 - 09:59 hrs	10.19	10.19	1.09	1.00	-5.83	4.66	3.00	0.19	0.19	0.24	0.15	0.14	0
104	☐	1095	3.00	34.38	0.27	72.06	ceeds Capac	0 - 10:00 hrs	10.19	10.19	2.10	1.00	-37.69	4.66	3.00	0.25	0.34	0.25	0.82	0.25	0
105	☐	1096	3.00	45.34	0.46	72.06	Free Surface	0 - 10:00 hrs	10.41	10.41	1.59	0.95	-26.71	4.66	3.00	0.00	0.33	0.00	0.57	0.00	0
106	☐	1097	2.00	17.60	0.61	23.94	ceeds Capac	0 - 09:53 hrs	7.62	7.62	1.36	1.00	-6.34	1.54	2.00	0.64	0.64	1.04	0.48	0.48	1
107	☐	1098	2.00	9.68	0.18	23.94	ceeds Capac	0 - 09:53 hrs	7.62	7.62	2.47	1.00	-14.26	1.54	2.00	0.62	0.68	0.62	0.98	0.62	1
108	☐	1099	2.00	6.64	0.09	16.74	ceeds Capac	0 - 10:10 hrs	5.33	5.33	2.52	1.00	-10.10	1.08	2.00	0.68	0.69	0.68	0.99	0.60	1
109	☐	11	2.00	15.99	0.50	21.45	ceeds Capac	0 - 09:49 hrs	6.89	6.93	1.34	1.00	-5.45	4.07	2.00	1.67	2.54	1.67	3.03	1.67	0
110	☐	110	3.50	193.44	3.70	42.92	Backwater	0 - 17:16 hrs	4.46	4.46	0.22	1.00	150.52	12.63	3.50	21.31	21.31	21.42	0.00	0.00	76
111	☐	1100	1.50	9.33	1.05	1.92	Backwater	0 - 09:55 hrs	1.63	1.83	0.21	1.00	7.41	0.00	1.50	0.17	0.17	0.22	0.00	0.00	1
112	☐	1101	2.50	40.14	0.96	28.14	Backwater	0 - 09:52 hrs	5.73	5.73	0.70	1.00	12.00	2.29	2.50	0.74	0.74	1.12	0.00	0.00	3
113	☐	1102	2.50	15.15	0.14	32.65	ceeds Capac	0 - 09:53 hrs	6.65	6.65	2.15	1.00	-17.50	2.69	2.50	0.74	0.85	0.74	1.22	0.74	4
114	☐	1103	2.50	26.63	0.42	32.70	Backwater	0 - 09:53 hrs	6.66	6.66	1.23	1.00	-6.07	2.69	2.50	0.85	0.85	1.12	0.40	0.00	5
115	☐	1104	1.50	14.33	2.48	11.69	Backwater	0 - 09:53 hrs	7.67	8.97	0.82	1.00	2.64	0.61	1.50	0.40	0.40	0.43	0.00	0.00	1
116	☐	1105	2.00	17.20	0.58	10.73	Backwater	0 - 09:53 hrs	4.05	4.34	0.62	1.00	6.47	0.61	2.00	0.44	0.44	0.49	0.00	0.00	1
117	☐	1106	2.25	22.35	0.52	26.33	ceeds Capac	0 - 09:59 hrs	6.62	6.62	1.18	1.00	-3.99	1.37	2.25	0.47	0.47	0.50	0.22	0.22	1
118	☐	1107	2.25	22.18	0.51	21.31	Backwater	0 - 10:08 hrs	5.36	5.96	0.96	1.00	0.87	1.35	2.25	0.52	0.52	0.54	0.00	0.00	0
119	☐	1108	2.25	22.39	0.52	22.04	Backwater	0 - 10:10 hrs	5.54	6.20	0.98	1.00	0.35	1.60	2.25	0.54	0.54	0.58	0.00	0.00	0
120	☐	1109	3.00	36.53	0.30	66.85	ceeds Capac	0 - 09:55 hrs	9.51	9.85	1.83	1.00	-30.32	4.69	3.00	0.44	0.58	0.44	0.79	0.41	1
121	☐	111	4.00	41.80	0.08	45.96	Backwater	0 - 11:33 hrs	3.66	3.66	1.10	1.00	-4.16	14.50	4.00	20.30	20.30	21.18	9.49	0.00	56
122	☐	1110	3.00	55.81	0.70	66.82	ceeds Capac	0 - 09:55 hrs	9.45	9.45	1.20	1.00	-11.01	4.69	3.00	0.47	0.47	0.50	0.17	0.15	1
123	☐	1111	3.00	36.38	0.30	67.10	ceeds Capac	0 - 09:53 hrs	9.50	9.50	1.84	1.00	-30.72	4.76	3.00	0.48	0.70	0.48	0.80	0.48	0
124	☐	1112	3.00	39.76	0.36	45.27	ceeds Capac	0 - 09:53 hrs	6.40	6.40	1.14	1.00	-5.51	3.28	3.00	0.60	0.60	0.72	0.13	0.14	0
125	☐	1113	2.50	27.12	0.44	52.99	ceeds Capac	0 - 09:59 hrs	10.80	10.80	1.95	1.00	-25.88	4.15	2.50	0.62	0.69	0.62	0.97	0.62	2
126	☐	1114	2.50	20.96	0.26	31.24	ceeds Capac	0 - 10:22 hrs	6.37	6.37	1.49	1.00	-10.28	2.73	2.50	0.68	0.75	0.69	0.78	0.55	1
127	☐	1115	2.50	21.52	0.28	16.67	Backwater	0 - 10:22 hrs	3.40	4.68	0.77	1.00	4.85	1.31	2.50	0.66	0.66	0.70	0.00	0.00	1
128	☐	1116	3.50	165.91	2.72	58.90	Backwater	0 - 10:22 hrs	6.53	10.01	0.36	1.00	107.01	4.69	3.50	0.40	0.40	0.53	0.00	0.00	1
129	☐	1117	3.50	70.95	0.50	58.91	Backwater	0 - 10:22 hrs	6.12	6.53	0.83	1.00	12.04	4.69	3.50	0.53	0.53	0.58	0.00	0.01	1
130	☐	1118	3.50	60.50	0.36	98.29	ceeds Capac	0 - 09:55 hrs	10.22	10.22	1.62	1.00	-37.80	6.92	3.50	0.54	0.61	0.54	0.71	0.54	1
131	☐	1119	3.50	87.05	0.75	110.36	ceeds Capac	0 - 09:56 hrs	11.53	11.53	1.27	1.00	-23.31	7.53	3.50	0.40	0.40	0.48	0.39	0.37	0
132	☐	112	4.50	85.35	0.19	73.89	Backwater	0 - 09:59 hrs	4.65	4.65	0.87	1.00	11.46	15.29	4.50	16.02	16.02	18.74	0.00	0.00	40
133	☐	1120	3.50	87.98	0.76	107.10	ceeds Capac	0 - 09:59 hrs	11.13	11.13	1.22	1.00	-19.11	7.52	3.50	0.47	0.47	0.54	0.37	0.37	0
134	☐	1121	3.50	98.25	0.95	130.78	ceeds Capac	0 - 09:59 hrs	13.59	13.59	1.33	1.00	-32.52	8.43	3.39	0.52	0.52	23.92	0.32	0.32	0
135	☐	1122	3.50	54.95	0.30	110.52	ceeds Capac	0 - 09:55 hrs	11.49	11.49	2.01	1.00	-55.57	7.53	3.50	0.43	0.64	0.43	0.82	0.43	1
136	☐	1123	2.50	56.43	1.89	53.00	Free Surface	0 - 09:59 hrs	12.76	12.76	0.94	0.79	3.43	4.15	2.50	0.00	0.38	0.00	0.00	0.00	1
137	☐	1124	2.50	33.46	0.67	52.99	ceeds Capac	0 - 09:59 hrs	10.79	10.79	1.58	1.00	-19.52	4.15	2.50	0.38	0.62	0.38	0.71	0.38	1
138	☐	1126	2.00	21.61	0.91	7.46	Backwater	0 - 10:11 hrs	2.58	3.64	0.35	1.00	14.15	0.49	2.00	0.10	0.10	0.13	0.00	0.00	0
139	☐	1128	2.00	7.88	0.12	28.11	Backwater	0 - 10:06 hrs	8.95	8.95	3.56	1.00	-20.22	1.40	2.00	0.27	0.27	0.33	0.98	0.00	0
140	☐	1129	2.00	7.91	0.12	0.00	Backwater	0 - 00:00 hrs	0.00	0.00	0.00	1.00	7.91	0.00	0.78	21.73	21.73	24.00	0.00	0.00	0
141	☐	1130	3.50	41.64	0.17	30.05	Backwater	0 - 10:02 hrs	3.12	3.12	0.72	1.00	11.59	1.81	3.50	6.60	6.60	9.18	0.00	0.00	29
142	☐	1131	1.50	5.40	0.35	20.66	Backwater	0 - 09:52 hrs	11.69	11.69	3.83	1.00	-15.26	0.19	1.50	1.30	1.30	1.31	0.01	0.53	6
143	☐	1132	2.25	43.29	1.95	34.40	Backwater	0 - 09:59 hrs	8.65	8.65	0.79	1.00	8.88	1.80	2.25	1.45	1.45	1.46	0.00	0.31	4
144	☐	1133	3.50	160.66	2.55	57.31	Backwater	0 - 09:52 hrs	6.20	6.36	0.36	1.00	103.34	7.72	3.50	1.30	1.30	1.33	0.00	0.13	5
145	☐	1134	4.00	81.43	0.32	69.92	Backwater	0 - 09:59 hrs	5.56	5.56	0.86	1.00	11.51	8.22	4.00	1.17	1.17	1.37	0.00	0.00	5
146	☐	1135	3.50	56.38	0.31	59.49	Backwater	0 - 09:52 hrs	6.40	6.58	1.06	1.00	-3.10	7.72	3.50	1.10	1.10	1.33	0.01	0.00	4
147	☐	1136	1.50	3.65	0.16	8.66	ceeds Capac	0 - 09:49 hrs	4.92	4.92	2.37	1.00	-5.01	0.97	1.50	1.34	1.79	1.34	2.29	1.34	2

EXISTING CONDITIONS 20-YR 24-HR CONDUITS

		ID	Full Depth (ft)	Full Flow (cfs)	Percent Slope (%)	Maximum Flow (cfs)	Maximum Flow Class	Max.Flow Day-Time (day-time)	Velocity at Maximum Flow (ft/s)	Maximum Velocity (ft/s)	Max.Flow/Fu ll Flow	Max.Depth/F ull Depth	Reserve Capacity (cfs)	Total Flow Volume (MG)	Maximum Top Width (ft)	Both End Surcharge Time (hrs)	Upstream Surcharge Time (hrs)	Downstream Surcharge Time (hrs)	Above Full-Flow Time (hrs)	Capacity Limited Time (hrs)	Instability Index
148	☐	114	4.00	99.18	0.48	100.98	Free Surface	0 - 10:03 hrs	9.31	9.31	1.02	0.81	-1.80	9.13	4.00	0.00	0.00	0.00	0.36	0.00	0
149	☐	1140	2.50	17.69	0.19	21.46	ceeds Capac	0 - 10:26 hrs	4.37	4.37	1.21	1.00	-3.77	2.16	2.50	1.18	1.18	5.12	0.76	0.77	4
150	☐	1141	2.50	21.49	0.27	21.47	Backwater	0 - 10:26 hrs	4.37	4.37	1.00	1.00	0.02	2.14	2.50	20.12	20.12	20.55	0.00	0.18	39
151	☐	1142	2.50	7.08	0.03	19.78	ceeds Capac	0 - 09:53 hrs	4.03	4.03	2.79	1.00	-12.70	1.20	2.50	0.54	0.56	0.54	0.97	0.53	1
152	☐	1143	2.50	25.83	0.40	40.30	ceeds Capac	0 - 09:59 hrs	8.21	8.21	1.56	1.00	-14.47	2.18	2.50	0.58	0.58	0.64	0.39	0.39	1
153	☐	1144	2.50	29.01	0.50	40.29	ceeds Capac	0 - 09:59 hrs	8.21	8.21	1.39	1.00	-11.28	2.18	2.50	0.55	0.55	0.71	0.36	0.36	1
154	☐	1145	2.50	9.50	0.05	40.27	ceeds Capac	0 - 09:59 hrs	8.20	8.20	4.24	1.00	-30.77	2.17	2.50	0.33	0.62	0.33	1.32	0.33	0
155	☐	1146	2.50	10.23	0.06	40.28	ceeds Capac	0 - 09:59 hrs	8.21	8.21	3.94	1.00	-30.05	2.17	2.50	0.27	0.37	0.27	1.25	0.27	1
156	☐	1147	2.00	11.37	0.25	16.34	ceeds Capac	0 - 10:08 hrs	5.20	5.20	1.44	1.00	-4.97	0.97	2.00	0.64	0.64	0.72	0.31	0.33	1
157	☐	1148	2.00	12.68	0.31	16.34	ceeds Capac	0 - 10:08 hrs	5.20	5.20	1.29	1.00	-3.66	0.97	2.00	0.48	0.48	0.58	0.22	0.23	0
158	☐	1149	1.25	10.04	3.21	12.21	ceeds Capac	0 - 09:52 hrs	9.95	9.95	1.22	1.00	-2.18	1.35	1.25	0.80	0.84	0.81	0.91	0.80	0
159	☐	115	3.50	83.04	0.68	101.04	Free Surface	0 - 10:14 hrs	10.76	10.76	1.22	0.94	-18.00	9.13	3.50	0.00	0.45	0.00	0.63	0.00	0
160	☐	1150	2.00	15.60	0.48	13.36	Backwater	0 - 10:15 hrs	4.39	5.64	0.86	1.00	2.25	1.34	2.00	0.31	0.31	0.39	0.00	0.00	1
161	☐	1151	3.00	36.48	0.30	13.83	Backwater	0 - 10:18 hrs	2.01	2.39	0.38	1.00	22.65	1.34	3.00	0.37	0.37	0.78	0.00	0.00	2
162	☐	1152	3.00	21.67	0.11	37.79	ceeds Capac	0 - 10:07 hrs	5.35	5.35	1.74	1.00	-16.11	2.73	3.00	0.78	0.78	0.78	0.77	0.74	1
163	☐	1153	3.00	25.06	0.14	37.77	ceeds Capac	0 - 10:07 hrs	5.34	5.34	1.51	1.00	-12.72	2.72	3.00	0.78	0.78	0.91	0.62	0.61	1
164	☐	1154	3.00	19.08	0.08	47.74	ceeds Capac	0 - 09:59 hrs	6.75	6.75	2.50	1.00	-28.66	3.20	3.00	0.76	0.91	0.77	1.09	0.76	1
165	☐	1155	2.00	10.72	0.22	15.02	Backwater	0 - 10:14 hrs	4.78	4.78	1.40	1.00	-4.30	1.10	2.00	20.68	20.68	20.87	0.56	0.00	76
166	☐	1156	2.00	37.34	2.72	15.03	Backwater	0 - 10:14 hrs	4.78	4.78	0.40	1.00	22.31	1.10	2.00	20.68	20.68	21.07	0.00	0.00	76
167	☐	1157	3.50	52.37	0.27	44.60	Backwater	0 - 09:59 hrs	4.64	4.64	0.85	1.00	7.77	3.70	3.50	20.67	20.67	21.06	0.00	0.00	62
168	☐	1158	3.00	24.90	0.40	42.95	ceeds Capac	0 - 00:00 hrs	6.14	6.22	1.72	1.00	-18.05	7.53	1.18	23.99	23.99	24.00	2.35	2.34	10
169	☐	1159	2.50	23.18	0.32	34.86	ceeds Capac	0 - 09:59 hrs	7.10	19.03	1.50	1.00	-11.68	7.53	1.85	4.31	4.31	23.91	3.28	3.24	13
170	☐	1160	2.00	13.14	0.34	6.51	Backwater	0 - 09:48 hrs	2.07	2.20	0.50	1.00	6.63	0.63	2.00	3.10	3.10	3.61	0.00	0.01	14
171	☐	1161	2.00	9.17	0.16	6.53	Backwater	0 - 10:29 hrs	2.08	2.11	0.71	1.00	2.64	0.62	2.00	3.61	3.61	3.88	0.00	0.09	14
172	☐	1162	1.50	24.80	7.42	16.35	Backwater	0 - 10:02 hrs	9.25	9.25	0.66	1.00	8.45	2.89	1.50	2.44	2.44	4.41	0.00	0.00	10
173	☐	1163	1.50	12.80	1.98	16.35	ceeds Capac	0 - 10:03 hrs	9.25	9.25	1.28	1.00	-3.55	2.89	1.38	4.41	4.41	23.86	2.11	2.10	20
174	☐	1164	2.00	7.14	0.10	9.98	ceeds Capac	0 - 12:32 hrs	3.18	3.67	1.40	1.00	-2.84	2.53	1.97	23.85	23.85	23.86	4.42	4.51	53
175	☐	1165	2.50	13.03	0.10	13.18	Backwater	0 - 00:07 hrs	2.79	2.84	1.01	1.00	-0.15	2.51	2.50	23.87	23.87	23.91	0.01	0.01	34
176	☐	1166	5.00	369.59	2.01	324.70	Backwater	0 - 00:00 hrs	17.28	17.28	0.88	1.00	44.89	3.06	1.96	23.99	23.99	24.00	0.00	0.02	69
177	☐	1167	3.50	47.25	0.22	100.87	ceeds Capac	0 - 00:01 hrs	10.56	10.67	2.13	1.00	-53.62	7.13	1.37	23.97	23.97	24.00	0.19	0.12	52
178	☐	1168	3.50	50.08	0.25	79.19	Backwater	0 - 00:01 hrs	8.70	8.70	1.58	1.00	-29.10	7.17	3.00	23.96	23.96	23.97	0.04	0.04	55
179	☐	1169	3.50	54.54	0.29	66.29	Backwater	0 - 00:02 hrs	7.72	10.43	1.22	1.00	-11.74	6.28	1.37	23.95	23.95	23.97	0.02	0.00	79
180	☐	117	4.50	101.07	0.26	137.94	ceeds Capac	0 - 09:52 hrs	8.69	8.86	1.36	1.00	-36.87	14.59	4.50	1.10	1.16	1.10	1.35	0.77	3
181	☐	1170	4.00	122.87	0.73	68.58	Free Surface	0 - 10:04 hrs	5.73	5.73	0.56	0.91	54.29	3.18	4.00	0.00	0.00	0.00	0.00	0.00	0
182	☐	1171	4.00	34.64	0.06	68.81	Free Surface	0 - 10:04 hrs	5.67	5.71	1.99	0.93	-34.17	3.19	4.00	0.00	0.00	0.03	0.45	0.00	0
183	☐	1172	4.00	88.54	0.38	68.82	Free Surface	0 - 10:03 hrs	5.49	5.49	0.78	0.99	19.72	3.19	4.00	0.00	0.00	0.03	0.00	0.00	0
184	☐	1173	3.50	54.68	0.30	57.89	Backwater	0 - 00:02 hrs	6.70	6.70	1.06	1.00	-3.22	6.31	2.78	23.93	23.93	23.95	0.01	0.00	77
185	☐	1174	3.50	46.77	0.22	48.35	Backwater	0 - 00:04 hrs	5.66	5.67	1.03	1.00	-1.57	6.33	3.03	23.90	23.90	23.93	0.00	0.00	63
186	☐	1175	3.50	42.09	0.17	45.04	Backwater	0 - 00:05 hrs	5.82	5.95	1.07	1.00	-2.95	6.35	3.26	23.83	23.83	23.90	0.01	0.02	62
187	☐	1176	2.50	4.10	0.01	49.38	ceeds Capac	0 - 10:07 hrs	10.06	10.06	12.04	1.00	-45.28	2.79	1.28	23.94	23.94	23.94	5.56	12.13	90
188	☐	1177	1.50	12.06	1.76	7.69	Backwater	0 - 00:03 hrs	4.71	5.33	0.64	1.00	4.37	0.00	0.59	14.94	14.94	23.94	0.00	0.00	70
189	☐	1178	3.50	72.20	0.51	49.93	Backwater	0 - 09:59 hrs	5.19	5.19	0.69	1.00	22.27	5.81	3.50	2.13	2.13	7.99	0.00	0.00	22
190	☐	1179	3.50	44.87	0.20	49.97	ceeds Capac	0 - 09:59 hrs	5.19	5.19	1.11	1.00	-5.10	5.77	3.49	23.76	23.76	23.77	0.46	0.53	88
191	☐	118	3.50	35.90	0.13	41.79	ceeds Capac	0 - 10:18 hrs	4.34	4.34	1.16	1.00	-5.90	3.67	3.50	0.72	0.72	0.72	0.41	0.36	2
192	☐	1180	3.50	32.30	0.10	49.93	ceeds Capac	0 - 09:59 hrs	5.19	5.19	1.55	1.00	-17.63	5.79	3.45	7.99	7.99	23.14	1.07	1.14	42
193	☐	1181	2.25	15.75	0.26	20.96	ceeds Capac	0 - 09:59 hrs	5.27	5.27	1.33	1.00	-5.21	2.49	2.25	1.31	1.31	1.42	0.97	0.97	4
194	☐	1182	3.00	48.68	0.53	38.91	Backwater	0 - 09:59 hrs	5.50	5.50	0.80	1.00	9.77	5.05	3.00	1.81	1.81	2.80	0.00	0.00	11
195	☐	1183	2.25	17.28	0.31	20.95	ceeds Capac	0 - 09:59 hrs	5.27	5.27	1.21	1.00	-3.67	2.48	2.25	1.43	1.43	1.61	0.83	0.82	5
196	☐	1184	2.25	10.66	0.12	19.63	ceeds Capac	0 - 09:48 hrs	4.94	4.94	1.84	1.00	-8.96	2.57	2.25	2.38	2.38	2.54	1.52	1.53	8

EXISTING CONDITIONS 20-YR 24-HR CONDUITS

		ID	Full Depth (ft)	Full Flow (cfs)	Percent Slope (%)	Maximum Flow (cfs)	Maximum Flow Class	Max.Flow Day-Time (day-time)	Velocity at Maximum Flow (ft/s)	Maximum Velocity (ft/s)	Max.Flow/Fu ll Flow	Max.Depth/F ull Depth	Reserve Capacity (cfs)	Total Flow Volume (MG)	Maximum Top Width (ft)	Both End Surcharge Time (hrs)	Upstream Surcharge Time (hrs)	Downstream Surcharge Time (hrs)	Above Full-Flow Time (hrs)	Capacity Limited Time (hrs)	Instability Index
197	☐	1185	2.25	35.31	1.30	22.54	Backwater	0 - 10:08 hrs	5.67	5.67	0.64	1.00	12.77	2.36	2.25	1.32	1.32	2.05	0.00	0.00	4
198	☐	1186	2.25	14.12	0.21	16.82	ceeds Capac	0 - 10:34 hrs	4.23	4.23	1.19	1.00	-2.70	2.17	2.25	2.03	2.03	2.40	0.52	0.59	7
199	☐	1187	3.50	46.31	0.21	34.81	Backwater	0 - 10:56 hrs	3.62	4.78	0.75	1.00	11.50	6.38	3.46	23.78	23.78	23.83	0.00	0.00	66
200	☐	1188	2.75	27.64	0.27	103.15	Backwater	0 - 00:00 hrs	17.37	17.37	3.73	1.00	-75.51	2.29	1.08	24.00	24.00	24.00	0.06	0.00	81
201	☐	1189	2.75	48.02	0.82	94.33	ceeds Capac	0 - 00:00 hrs	16.25	16.25	1.96	1.00	-46.31	2.29	1.08	23.99	24.00	23.99	0.02	0.25	78
202	☐	119	3.50	43.26	0.18	33.21	Backwater	0 - 10:03 hrs	3.45	3.45	0.77	1.00	10.05	1.74	3.50	0.55	0.55	0.61	0.00	0.01	1
203	☐	1190	2.75	27.01	0.26	51.92	Backwater	0 - 00:01 hrs	8.76	9.07	1.92	1.00	-24.92	2.30	1.08	23.97	23.97	23.99	0.05	0.00	69
204	☐	1191	1.00	4.27	1.91	8.13	Backwater	0 - 00:01 hrs	10.59	10.59	1.90	1.00	-3.85	0.00	0.39	23.96	23.96	23.96	0.00	0.01	82
205	☐	1192	2.75	27.64	0.27	54.40	Backwater	0 - 00:01 hrs	10.46	10.62	1.97	1.00	-26.77	2.32	2.12	23.97	23.97	23.97	0.04	0.02	89
206	☐	1193	2.75	34.68	0.43	41.30	Backwater	0 - 00:02 hrs	7.53	8.62	1.19	1.00	-6.62	2.32	2.01	23.96	23.96	23.97	0.01	0.00	90
207	☐	1194	2.50	14.81	0.13	29.99	Backwater	0 - 00:02 hrs	6.60	6.60	2.02	1.00	-15.18	2.33	2.00	23.94	23.94	23.96	0.02	0.42	74
208	☐	1195	1.75	9.22	0.45	11.62	ceeds Capac	0 - 09:48 hrs	4.83	4.83	1.26	1.00	-2.41	1.38	1.75	0.92	0.92	0.97	0.87	0.83	3
209	☐	1196	2.25	19.97	0.55	11.46	Backwater	0 - 10:29 hrs	2.88	4.67	0.57	1.00	8.51	1.38	2.25	0.89	0.89	1.11	0.00	0.00	6
210	☐	1197	2.25	13.24	0.24	11.48	Backwater	0 - 10:30 hrs	2.89	4.23	0.87	1.00	1.76	1.38	2.25	0.85	0.85	0.89	0.00	0.21	5
211	☐	1198	2.00	12.26	0.39	17.15	Backwater	0 - 10:03 hrs	5.46	5.46	1.40	1.00	-4.89	0.19	2.00	1.14	1.15	1.17	0.25	0.04	4
212	☐	1199	2.00	16.04	0.50	9.79	Backwater	0 - 10:36 hrs	3.12	4.84	0.61	1.00	6.25	1.19	2.00	1.17	1.17	1.20	0.00	0.02	5
213	☐	12	2.00	16.00	0.50	25.20	Free Surface	0 - 10:38 hrs	8.17	8.17	1.58	0.95	-9.21	3.26	2.00	0.00	1.48	0.00	1.79	0.00	0
214	☐	120	4.50	214.91	1.19	245.70	ceeds Capac	0 - 09:52 hrs	15.58	17.00	1.14	1.00	-30.79	47.91	4.50	2.24	2.25	2.28	1.78	1.81	8
215	☐	1200	2.00	6.20	0.08	26.17	ceeds Capac	0 - 09:57 hrs	8.33	8.33	4.22	1.00	-19.97	1.25	2.00	0.33	0.48	0.33	1.00	0.33	0
216	☐	1201	3.50	110.35	1.20	26.21	Backwater	0 - 09:57 hrs	2.72	2.72	0.24	1.00	84.14	1.24	3.50	21.22	21.22	21.59	0.00	0.00	3
217	☐	1202	3.75	38.39	0.10	44.65	ceeds Capac	0 - 10:03 hrs	4.04	4.15	1.16	1.00	-6.26	2.06	3.75	0.10	0.11	0.10	0.17	0.07	1
218	☐	1203	4.00	55.30	0.15	1.93	Free Surface	0 - 09:56 hrs	0.26	1.31	0.03	0.99	53.37	0.00	4.00	0.00	0.00	0.02	0.00	0.00	1
219	☐	1204	4.00	31.76	0.05	43.47	ceeds Capac	0 - 10:04 hrs	3.46	3.46	1.37	1.00	-11.71	2.06	4.00	0.14	0.16	0.14	0.29	0.14	0
220	☐	1205	3.50	48.54	0.23	47.26	Backwater	0 - 09:59 hrs	4.91	4.91	0.97	1.00	1.28	2.07	3.50	0.47	0.47	0.48	0.00	0.11	0
221	☐	1206	3.75	37.29	0.10	44.83	ceeds Capac	0 - 10:02 hrs	4.06	4.33	1.20	1.00	-7.54	2.06	3.75	0.08	0.09	0.08	0.19	0.07	0
222	☐	1207	3.00	81.73	1.50	43.98	Backwater	0 - 10:02 hrs	6.22	6.22	0.54	1.00	37.75	2.06	3.00	0.60	0.60	0.77	0.00	0.00	2
223	☐	1208	2.50	23.19	0.32	40.32	ceeds Capac	0 - 09:59 hrs	8.21	8.21	1.74	1.00	-17.13	2.17	2.50	0.26	0.31	0.26	0.45	0.26	1
224	☐	1209	2.50	17.18	0.18	20.17	ceeds Capac	0 - 09:41 hrs	4.11	5.22	1.17	1.00	-3.00	5.91	2.50	3.74	3.75	3.74	4.02	1.96	17
225	☐	121	3.33	59.57	0.45	62.20	Backwater	0 - 00:00 hrs	7.20	7.20	1.04	1.00	-2.63	2.95	1.31	23.95	23.95	24.00	0.00	0.01	1
226	☐	1210	2.50	24.19	0.35	20.12	Backwater	0 - 09:41 hrs	4.10	4.80	0.83	1.00	4.07	5.91	2.50	3.75	3.75	4.30	0.00	0.01	18
227	☐	1211	2.50	22.03	0.29	20.13	Backwater	0 - 09:41 hrs	4.10	4.40	0.91	1.00	1.90	5.91	2.50	4.30	4.30	4.40	0.00	1.23	20
228	☐	1212	2.50	18.92	0.21	20.16	ceeds Capac	0 - 09:41 hrs	4.11	4.55	1.07	1.00	-1.24	5.90	2.50	4.40	4.40	4.47	2.65	2.11	21
229	☐	1213	2.50	31.06	0.57	20.14	Backwater	0 - 09:40 hrs	4.10	4.10	0.65	1.00	10.92	5.90	2.50	4.62	4.62	4.78	0.00	0.07	22
230	☐	1214	2.50	11.69	0.08	20.18	ceeds Capac	0 - 09:40 hrs	4.11	4.11	1.73	1.00	-8.48	5.90	2.50	4.77	4.81	4.77	5.85	4.58	22
231	☐	1215	2.50	13.72	0.11	20.22	ceeds Capac	0 - 09:10 hrs	4.12	4.12	1.47	1.00	-6.50	5.90	2.50	4.73	4.77	4.73	5.11	4.58	20
232	☐	1216	2.50	17.29	0.18	20.16	ceeds Capac	0 - 09:41 hrs	4.11	4.11	1.17	1.00	-2.87	5.90	2.50	4.92	4.92	5.01	3.84	3.04	21
233	☐	1217	2.00	1.96	0.01	11.62	Backwater	0 - 09:48 hrs	3.70	3.70	5.93	1.00	-9.66	1.15	2.00	3.58	3.58	3.59	5.34	0.81	18
234	☐	1218	2.50	19.38	0.22	34.87	ceeds Capac	0 - 09:59 hrs	7.10	7.10	1.80	1.00	-15.49	7.54	2.50	4.92	4.92	5.08	4.52	4.35	18
235	☐	1219	2.25	56.33	3.31	17.23	Backwater	0 - 09:59 hrs	4.33	4.33	0.31	1.00	39.10	1.65	2.25	3.74	3.74	4.03	0.00	0.23	14
236	☐	1220	2.00	14.20	0.39	41.80	ceeds Capac	0 - 00:00 hrs	13.31	13.31	2.94	1.00	-27.60	0.67	0.78	24.00	24.00	24.00	0.18	0.18	1
237	☐	1221	2.00	18.25	0.65	23.89	Backwater	0 - 00:00 hrs	7.86	7.86	1.31	1.00	-5.64	0.67	0.78	23.92	23.92	23.99	0.00	0.01	1
238	☐	1222	2.00	21.05	0.87	17.86	Backwater	0 - 09:59 hrs	5.69	5.69	0.85	1.00	3.19	0.68	1.56	0.47	0.47	23.98	0.00	0.00	4
239	☐	1224	3.00	43.00	0.42	40.27	Backwater	0 - 09:59 hrs	5.70	5.70	0.94	1.00	2.74	2.16	1.98	0.29	0.29	24.00	0.00	0.00	0
240	☐	1225	2.50	55.84	1.85	40.29	Backwater	0 - 09:59 hrs	8.21	8.21	0.72	1.00	15.55	2.17	2.49	0.31	0.31	0.34	0.00	0.01	1
241	☐	1226	2.50	28.47	0.48	24.90	Backwater	0 - 10:04 hrs	5.07	5.07	0.87	1.00	3.58	1.15	2.50	0.34	0.34	0.47	0.00	0.00	0
242	☐	1227	2.50	30.66	0.56	46.96	ceeds Capac	0 - 09:59 hrs	9.57	9.57	1.53	1.00	-16.30	2.14	2.50	0.50	0.50	1.06	0.31	0.31	0
243	☐	1228	3.00	37.44	0.32	46.95	ceeds Capac	0 - 09:59 hrs	6.64	6.64	1.25	1.00	-9.51	2.13	3.00	0.63	0.63	20.11	0.21	0.21	1
244	☐	1229	4.00	244.39	2.89	94.65	Backwater	0 - 09:59 hrs	7.53	7.53	0.39	1.00	149.74	5.29	4.00	20.17	20.17	20.85	0.00	0.00	7
245	☐	1230	3.50	19.10	0.04	44.58	ceeds Capac	0 - 09:59 hrs	4.63	4.63	2.33	1.00	-25.48	3.71	3.50	20.66	20.66	20.67	1.24	9.16	85

EXISTING CONDITIONS 20-YR 24-HR CONDUITS

		ID	Full Depth (ft)	Full Flow (cfs)	Percent Slope (%)	Maximum Flow (cfs)	Maximum Flow Class	Max.Flow Day-Time (day-time)	Velocity at Maximum Flow (ft/s)	Maximum Velocity (ft/s)	Max.Flow/Fu ll Flow	Max.Depth/F ull Depth	Reserve Capacity (cfs)	Total Flow Volume (MG)	Maximum Top Width (ft)	Both End Surcharge Time (hrs)	Upstream Surcharge Time (hrs)	Downstream Surcharge Time (hrs)	Above Full-Flow Time (hrs)	Capacity Limited Time (hrs)	Instability Index
246	☐	1231	3.00	7.85	0.01	15.03	ceeds Capac	0 - 10:14 hrs	2.13	2.13	1.91	1.00	-7.18	1.09	3.00	20.70	20.70	20.71	0.80	7.54	86
247	☐	1232	3.25	36.17	0.19	33.29	Backwater	0 - 09:59 hrs	4.01	4.01	0.92	1.00	2.88	2.64	3.25	20.36	20.36	20.70	0.00	0.01	60
248	☐	1234	2.00	13.29	0.35	20.26	ceeds Capac	0 - 10:26 hrs	6.45	6.45	1.52	1.00	-6.97	2.01	2.00	1.19	1.19	1.33	0.99	1.01	3
249	☐	1235	2.50	17.21	0.18	20.26	ceeds Capac	0 - 10:26 hrs	4.13	4.13	1.18	1.00	-3.05	2.01	2.50	1.14	1.14	1.18	0.73	0.57	4
250	☐	1236	3.50	73.09	0.53	85.57	Backwater	0 - 00:00 hrs	8.97	8.97	1.17	1.00	-12.48	5.52	1.37	23.99	23.99	24.00	0.01	0.00	52
251	☐	1237	2.00	10.93	0.23	11.25	Backwater	0 - 09:37 hrs	4.04	4.29	1.03	1.00	-0.32	2.46	2.00	3.25	3.25	3.80	0.02	0.01	9
252	☐	1238	2.00	10.01	0.20	11.61	ceeds Capac	0 - 09:48 hrs	3.70	3.70	1.16	1.00	-1.61	1.14	2.00	3.48	3.48	3.85	0.24	0.23	11
253	☐	1239	2.00	7.22	0.10	12.75	ceeds Capac	0 - 09:08 hrs	4.06	4.06	1.76	1.00	-5.53	2.80	2.00	4.79	4.83	4.79	4.81	2.94	17
254	☐	1240	2.00	7.44	0.11	20.53	ceeds Capac	0 - 09:59 hrs	6.54	6.54	2.76	1.00	-13.09	3.79	2.00	4.64	4.67	4.64	5.59	3.82	21
255	☐	1241	1.50	2.64	0.08	3.56	Backwater	0 - 10:33 hrs	2.02	2.02	1.35	1.00	-0.93	0.47	1.50	4.66	4.66	4.69	0.92	1.77	26
256	☐	1242	2.50	18.44	0.20	25.73	ceeds Capac	0 - 10:03 hrs	5.24	5.24	1.39	1.00	-7.28	6.03	2.50	3.81	3.81	3.89	3.52	3.07	14
257	☐	1244	2.00	7.13	0.10	12.72	ceeds Capac	0 - 09:08 hrs	4.05	4.05	1.78	1.00	-5.59	2.79	2.00	4.28	4.79	4.28	4.85	2.70	7
258	☐	1245	2.00	7.24	0.10	12.74	ceeds Capac	0 - 09:08 hrs	4.05	4.05	1.76	1.00	-5.50	2.79	2.00	4.25	4.28	4.25	4.79	2.38	15
259	☐	1246	2.50	11.78	0.08	20.15	ceeds Capac	0 - 09:41 hrs	4.10	4.33	1.71	1.00	-8.37	5.91	2.50	3.71	4.02	3.71	5.80	3.71	13
260	☐	1247	2.50	18.24	0.20	25.72	ceeds Capac	0 - 10:03 hrs	5.24	5.24	1.41	1.00	-7.48	6.02	2.50	3.89	3.89	4.02	3.58	3.23	13
261	☐	1248	2.00	7.14	0.10	16.52	ceeds Capac	0 - 10:02 hrs	5.26	5.26	2.31	1.00	-9.38	3.77	2.00	4.83	4.91	4.83	5.71	4.79	19
262	☐	1249	2.00	10.41	0.21	16.52	ceeds Capac	0 - 10:03 hrs	5.26	5.26	1.59	1.00	-6.11	3.77	2.00	4.64	4.64	4.80	3.86	3.83	19
263	☐	125	4.00	147.75	1.06	77.22	Free Surface	0 - 00:01 hrs	8.56	8.56	0.52	0.89	70.53	3.14	3.53	0.00	0.00	23.98	0.00	0.00	58
264	☐	1250	2.00	7.99	0.12	9.53	ceeds Capac	0 - 11:49 hrs	3.03	3.03	1.19	1.00	-1.53	2.23	2.00	4.48	4.48	4.54	2.05	1.85	15
265	☐	1251	2.00	10.75	0.23	8.37	Backwater	0 - 11:03 hrs	2.67	2.75	0.78	1.00	2.37	1.91	2.00	3.98	3.98	4.36	0.00	0.00	9
266	☐	1252	2.00	10.15	0.20	8.79	Backwater	0 - 10:45 hrs	2.80	2.84	0.87	1.00	1.36	1.25	2.00	4.80	4.80	5.58	0.00	0.00	14
267	☐	1253	2.00	12.35	0.30	12.40	ceeds Capac	0 - 10:32 hrs	3.95	3.95	1.00	1.00	-0.05	1.80	1.96	23.91	23.91	23.91	0.86	1.13	81
268	☐	1254	2.00	12.39	0.30	11.92	Backwater	0 - 00:05 hrs	4.71	4.80	0.96	1.00	0.47	1.60	1.76	23.91	23.91	23.91	0.00	2.13	90
269	☐	1255	2.00	12.35	0.30	17.17	Backwater	0 - 00:01 hrs	7.36	7.92	1.39	1.00	-4.82	1.54	1.29	23.96	23.96	23.97	0.04	0.40	83
270	☐	1256	2.00	12.34	0.30	23.48	Backwater	0 - 00:00 hrs	7.71	7.71	1.90	1.00	-11.15	1.41	0.78	23.98	23.98	23.98	0.05	0.01	77
271	☐	1257	2.00	12.44	0.30	32.47	Backwater	0 - 00:00 hrs	10.42	10.42	2.61	1.00	-20.04	1.40	0.78	23.99	23.99	23.99	0.06	0.01	71
272	☐	1258	2.00	12.39	0.30	28.62	Backwater	0 - 00:00 hrs	9.24	9.24	2.31	1.00	-16.23	1.41	0.78	23.98	23.98	23.99	0.06	0.00	72
273	☐	1259	2.00	18.21	0.65	19.10	Backwater	0 - 00:01 hrs	6.45	6.45	1.05	1.00	-0.89	1.54	1.69	23.97	23.97	23.98	0.00	0.00	78
274	☐	126	4.00	57.15	0.16	68.55	Free Surface	0 - 10:06 hrs	6.85	6.86	1.20	0.74	-11.40	3.17	4.00	0.00	0.00	0.00	0.19	0.00	1
275	☐	1260	2.00	12.39	0.30	16.31	Backwater	0 - 00:02 hrs	5.65	5.65	1.32	1.00	-3.92	1.54	2.00	23.96	23.96	23.96	0.03	0.15	83
276	☐	1261	2.00	12.44	0.30	15.12	Backwater	0 - 00:02 hrs	5.31	5.31	1.22	1.00	-2.68	1.55	1.28	23.94	23.94	23.96	0.02	0.00	82
277	☐	1262	2.00	11.64	0.26	16.77	Backwater	0 - 00:03 hrs	6.36	6.81	1.44	1.00	-5.14	1.55	1.86	23.94	23.94	23.94	0.02	8.33	83
278	☐	1263	2.00	12.43	0.30	12.50	Backwater	0 - 00:04 hrs	4.46	4.46	1.01	1.00	-0.07	1.55	1.55	23.91	23.91	23.94	0.00	0.00	72
279	☐	1264	2.00	12.17	0.29	12.19	Backwater	0 - 00:05 hrs	4.08	4.40	1.00	1.00	-0.02	1.60	1.97	23.91	23.91	23.91	0.00	1.03	84
280	☐	1265	2.00	11.23	0.25	9.78	Backwater	0 - 10:36 hrs	3.11	3.76	0.87	1.00	1.45	1.18	2.00	1.24	1.24	1.27	0.00	0.06	4
281	☐	1266	2.00	11.88	0.28	9.78	Backwater	0 - 10:36 hrs	3.11	3.11	0.82	1.00	2.10	1.18	2.00	1.29	1.29	1.37	0.00	0.01	3
282	☐	1267	2.00	6.81	0.09	15.76	ceeds Capac	0 - 09:56 hrs	5.02	5.02	2.31	1.00	-8.95	0.79	2.00	0.48	0.49	0.48	0.55	0.48	0
283	☐	1268	1.50	3.74	0.17	3.56	Backwater	0 - 10:33 hrs	2.01	2.01	0.95	1.00	0.18	0.47	1.50	4.66	4.66	5.12	0.00	0.08	15
284	☐	1269	1.50	6.86	0.57	1.12	Backwater	0 - 08:53 hrs	0.63	2.05	0.16	1.00	5.74	0.01	1.50	18.72	18.72	20.83	0.00	0.00	13
285	☐	127	4.00	36.90	0.07	68.60	Free Surface	0 - 10:04 hrs	5.80	5.80	1.86	0.89	-31.70	3.18	4.00	0.00	0.00	0.00	0.41	0.00	0
286	☐	1270	2.75	19.66	0.14	13.30	Backwater	0 - 09:53 hrs	2.24	2.24	0.68	1.00	6.35	2.05	2.75	16.60	16.60	17.74	0.00	0.00	54
287	☐	1271	2.75	30.79	0.34	13.30	Backwater	0 - 09:53 hrs	2.24	2.24	0.43	1.00	17.50	2.36	2.75	14.92	14.92	16.60	0.00	0.00	53
288	☐	1272	4.50	51.24	0.07	114.37	ceeds Capac	0 - 00:02 hrs	7.94	7.94	2.23	1.00	-63.13	8.08	4.37	23.93	23.93	23.95	0.91	0.89	76
289	☐	1273	2.00	11.34	0.25	12.77	ceeds Capac	0 - 10:07 hrs	4.07	4.07	1.13	1.00	-1.43	1.37	2.00	1.23	1.23	1.43	0.74	0.76	1
290	☐	1274	2.00	11.11	0.24	12.26	ceeds Capac	0 - 10:29 hrs	3.90	3.90	1.10	1.00	-1.15	1.37	2.00	1.61	1.61	2.82	0.76	0.77	5
291	☐	1275	2.00	14.59	0.42	12.27	Backwater	0 - 10:00 hrs	3.91	3.91	0.84	1.00	2.32	1.36	2.00	2.74	2.74	3.51	0.00	0.00	13
292	☐	1276	2.00	12.24	0.29	12.26	ceeds Capac	0 - 10:00 hrs	3.90	3.90	1.00	1.00	-0.02	1.36	2.00	3.48	3.48	3.89	0.67	0.12	13
293	☐	1277	2.00	12.05	0.28	9.05	Backwater	0 - 09:56 hrs	2.88	3.29	0.75	1.00	2.99	1.29	2.00	3.85	3.85	4.38	0.00	0.00	19
294	☐	1278	2.00	11.30	0.25	9.05	Backwater	0 - 10:03 hrs	2.88	2.88	0.80	1.00	2.25	1.29	2.00	4.53	4.53	4.84	0.00	0.00	20

EXISTING CONDITIONS 20-YR 24-HR CONDUITS

		ID	Full Depth (ft)	Full Flow (cfs)	Percent Slope (%)	Maximum Flow (cfs)	Maximum Flow Class	Max.Flow Day-Time (day-time)	Velocity at Maximum Flow (ft/s)	Maximum Velocity (ft/s)	Max.Flow/Fu ll Flow	Max.Depth/F ull Depth	Reserve Capacity (cfs)	Total Flow Volume (MG)	Maximum Top Width (ft)	Both End Surcharge Time (hrs)	Upstream Surcharge Time (hrs)	Downstream Surcharge Time (hrs)	Above Full-Flow Time (hrs)	Capacity Limited Time (hrs)	Instability Index
295	☐	1279	2.50	21.21	0.27	21.49	ceeds Capac	0 - 10:10 hrs	4.38	4.38	1.01	1.00	-0.28	2.50	2.50	5.33	5.33	5.79	0.45	0.49	21
296	☐	128	3.50	79.10	0.62	41.79	Backwater	0 - 10:18 hrs	4.34	4.34	0.53	1.00	37.31	3.67	3.50	0.72	0.72	0.77	0.00	0.05	2
297	☐	1280	2.00	10.70	0.22	10.84	ceeds Capac	0 - 14:03 hrs	3.45	3.45	1.01	1.00	-0.14	3.57	2.00	15.77	15.77	16.72	0.07	0.18	19
298	☐	1281	2.00	10.66	0.22	15.40	ceeds Capac	0 - 10:00 hrs	4.90	4.90	1.44	1.00	-4.73	4.28	2.00	8.49	8.49	15.77	4.75	4.75	19
299	☐	1282	3.50	35.35	0.35	30.41	Backwater	0 - 10:03 hrs	3.16	3.16	0.86	1.00	4.94	1.42	3.50	11.43	11.43	15.83	0.00	0.02	58
300	☐	1284	3.50	46.93	0.22	29.63	Backwater	0 - 15:02 hrs	3.08	3.17	0.63	1.00	17.30	9.76	3.50	19.75	19.75	20.21	0.00	0.00	18
301	☐	1285	3.50	174.31	3.00	41.45	Backwater	0 - 10:26 hrs	4.31	4.31	0.24	1.00	132.86	13.72	3.50	21.22	21.22	21.43	0.00	0.00	87
302	☐	1286	3.50	23.17	0.05	41.45	Backwater	0 - 10:06 hrs	4.31	4.31	1.79	1.00	-18.28	13.76	3.50	20.51	20.51	20.82	14.35	0.00	62
303	☐	1287	3.50	22.47	0.05	37.71	Backwater	0 - 13:40 hrs	3.92	3.92	1.68	1.00	-15.23	12.80	3.50	20.82	20.82	21.02	14.25	0.00	64
304	☐	1288	3.50	47.81	0.23	47.45	Backwater	0 - 11:37 hrs	4.93	4.93	0.99	1.00	0.36	15.24	3.50	20.80	20.80	21.02	0.00	1.97	79
305	☐	1289	3.50	186.41	3.43	47.42	Backwater	0 - 11:37 hrs	4.93	4.93	0.25	1.00	138.99	15.26	3.50	20.72	20.73	20.80	0.00	0.75	71
306	☐	129	3.50	81.58	0.66	101.29	ceeds Capac	0 - 09:56 hrs	10.73	10.73	1.24	1.00	-19.71	9.14	3.50	0.45	0.52	0.45	0.64	0.45	0
307	☐	1290	4.00	95.77	0.44	54.46	Backwater	0 - 06:24 hrs	4.82	4.82	0.57	1.00	41.31	5.61	4.00	16.50	16.55	16.66	0.00	0.23	66
308	☐	1291	4.00	141.86	0.98	45.14	Backwater	0 - 09:49 hrs	3.59	5.38	0.32	1.00	96.72	5.55	4.00	15.53	15.53	16.55	0.00	0.00	62
309	☐	1292	1.75	8.19	0.36	4.31	Backwater	0 - 10:03 hrs	1.79	1.79	0.53	1.00	3.88	0.26	1.75	14.87	14.87	15.26	0.00	0.00	53
310	☐	1293	4.00	66.23	0.21	45.13	Backwater	0 - 09:49 hrs	3.59	4.29	0.68	1.00	21.09	7.16	4.00	14.99	14.99	15.53	0.00	0.00	55
311	☐	1294	3.50	17.51	0.03	38.51	Backwater	0 - 10:03 hrs	4.00	4.00	2.20	1.00	-21.00	6.99	3.50	13.10	13.10	13.57	4.14	0.32	46
312	☐	1295	3.50	42.44	0.18	38.49	Backwater	0 - 10:00 hrs	4.00	4.00	0.91	1.00	3.95	7.03	3.50	8.95	8.95	13.57	0.00	0.02	39
313	☐	1296	3.50	56.14	0.31	34.07	Backwater	0 - 10:00 hrs	3.54	3.59	0.61	1.00	22.07	5.92	3.50	8.03	8.03	8.95	0.00	0.34	39
314	☐	1297	3.50	12.05	0.01	34.03	ceeds Capac	0 - 10:03 hrs	3.54	3.54	2.82	1.00	-21.98	5.93	3.50	7.75	7.75	8.03	5.28	4.42	35
315	☐	1298	2.00	14.92	0.43	12.02	Backwater	0 - 09:40 hrs	4.27	4.53	0.81	1.00	2.90	2.47	2.00	3.00	3.00	3.25	0.00	0.00	21
316	☐	1299	1.25	2.64	0.22	2.99	Backwater	0 - 09:56 hrs	2.43	2.43	1.13	1.00	-0.34	0.09	1.25	12.24	12.24	14.83	0.72	0.00	47
317	☐	13	2.50	29.00	0.50	25.20	Free Surface	0 - 10:37 hrs	5.72	5.99	0.87	0.84	3.80	3.26	2.50	0.00	0.00	0.00	0.00	0.00	0
318	☐	130	3.50	50.52	0.25	96.68	ceeds Capac	0 - 10:08 hrs	10.05	10.05	1.91	1.00	-46.17	8.30	3.50	0.52	0.77	0.52	0.98	0.52	1
319	☐	1300	1.75	4.95	0.13	6.09	ceeds Capac	0 - 09:48 hrs	2.86	3.18	1.23	1.00	-1.14	1.06	1.75	1.33	1.37	1.34	1.22	0.87	5
320	☐	1301	2.00	9.46	0.17	5.97	Backwater	0 - 11:17 hrs	1.95	2.42	0.63	1.00	3.49	1.06	2.00	1.30	1.30	1.53	0.00	0.01	5
321	☐	1302	2.25	14.75	0.23	17.41	ceeds Capac	0 - 10:29 hrs	4.38	4.63	1.18	1.00	-2.66	2.37	2.25	1.35	1.35	1.71	0.90	0.90	3
322	☐	1303	2.25	20.37	0.43	17.41	Backwater	0 - 10:29 hrs	4.38	5.29	0.85	1.00	2.97	2.35	2.25	1.91	1.91	3.06	0.00	0.00	7
323	☐	1304	2.75	45.08	0.73	23.28	Backwater	0 - 10:02 hrs	3.92	3.92	0.52	1.00	21.80	2.97	2.75	9.42	9.42	11.38	0.00	0.00	45
324	☐	1305	2.00	11.98	0.28	14.51	ceeds Capac	0 - 09:42 hrs	4.62	4.62	1.21	1.00	-2.53	2.98	2.00	4.03	4.03	13.36	1.02	0.96	10
325	☐	1306	2.00	12.53	0.31	22.21	ceeds Capac	0 - 10:11 hrs	7.07	7.07	1.77	1.00	-9.68	2.81	2.00	2.63	2.63	3.00	1.68	1.69	8
326	☐	1307	1.25	2.43	0.19	2.45	Backwater	0 - 09:41 hrs	1.99	1.99	1.01	1.00	-0.01	0.26	1.25	2.64	2.64	3.37	0.00	0.01	4
327	☐	1308	1.25	2.56	0.21	2.49	Backwater	0 - 09:41 hrs	2.16	2.19	0.97	1.00	0.07	0.30	1.25	2.57	2.57	2.61	0.00	0.22	6
328	☐	1309	1.25	2.84	0.26	2.82	Backwater	0 - 10:00 hrs	2.30	2.30	0.99	1.00	0.02	0.32	1.25	2.45	2.45	2.63	0.00	0.00	12
329	☐	131	2.00	4.60	0.12	8.81	ceeds Capac	0 - 14:27 hrs	2.80	2.80	1.92	1.00	-4.21	4.09	2.00	19.98	20.00	19.98	18.57	18.33	81
330	☐	1310	1.00	0.87	0.08	2.84	Backwater	0 - 10:00 hrs	3.62	3.62	3.27	1.00	-1.97	0.32	1.00	2.49	2.49	2.51	3.28	0.24	14
331	☐	1311	3.25	41.10	0.25	62.80	ceeds Capac	0 - 00:00 hrs	7.57	7.75	1.53	1.00	-21.70	3.94	1.27	23.99	23.99	23.99	0.23	0.23	85
332	☐	1312	3.25	50.49	0.37	50.19	Backwater	0 - 00:02 hrs	6.46	6.53	0.99	1.00	0.30	3.96	1.87	23.96	23.96	23.98	0.00	0.02	80
333	☐	1313	2.00	16.48	0.53	14.01	Backwater	0 - 10:29 hrs	4.46	4.46	0.85	1.00	2.47	1.60	1.11	23.93	23.93	23.97	0.00	0.00	24
334	☐	1314	2.00	11.47	0.26	14.01	ceeds Capac	0 - 10:29 hrs	4.46	4.46	1.22	1.00	-2.54	1.61	1.96	1.38	1.38	1.87	0.77	0.79	13
335	☐	1315	2.00	10.39	0.21	14.02	ceeds Capac	0 - 10:29 hrs	4.46	4.58	1.35	1.00	-3.63	1.61	2.00	0.90	0.90	0.90	0.91	0.73	4
336	☐	1316	2.00	16.71	0.55	14.04	Backwater	0 - 10:29 hrs	4.47	5.03	0.84	1.00	2.67	1.61	2.00	0.81	0.81	0.88	0.00	0.00	4
337	☐	1317	2.00	13.47	0.35	20.34	ceeds Capac	0 - 10:07 hrs	6.47	6.47	1.51	1.00	-6.87	1.71	2.00	0.78	0.78	0.80	0.68	0.69	2
338	☐	1318	2.00	13.92	0.38	14.01	ceeds Capac	0 - 10:29 hrs	4.46	4.46	1.01	1.00	-0.09	1.61	1.98	3.37	3.37	23.93	0.11	0.24	35
339	☐	1319	3.00	32.06	0.23	48.12	ceeds Capac	0 - 10:03 hrs	6.81	6.81	1.50	1.00	-16.06	3.98	2.93	23.94	23.94	23.96	0.58	0.58	71
340	☐	132	2.00	19.59	0.75	30.72	ceeds Capac	0 - 09:52 hrs	9.78	9.78	1.57	1.00	-11.13	2.13	2.00	0.99	0.99	1.33	0.07	0.19	3
341	☐	1320	3.00	36.83	0.30	19.32	Backwater	0 - 00:04 hrs	3.47	3.47	0.52	1.00	17.52	1.35	2.83	1.47	1.47	23.94	0.00	0.00	43
342	☐	1321	1.50	9.09	1.00	8.33	Backwater	0 - 09:48 hrs	4.71	4.71	0.92	1.00	0.76	1.04	1.50	1.45	1.45	12.47	0.00	0.00	4
343	☐	1322	2.25	17.94	0.34	8.33	Backwater	0 - 09:48 hrs	2.09	2.43	0.46	1.00	9.61	1.03	2.25	11.50	11.50	15.06	0.00	0.00	44

EXISTING CONDITIONS 20-YR 24-HR CONDUITS

		ID	Full Depth (ft)	Full Flow (cfs)	Percent Slope (%)	Maximum Flow (cfs)	Maximum Flow Class	Max.Flow Day-Time (day-time)	Velocity at Maximum Flow (ft/s)	Maximum Velocity (ft/s)	Max.Flow/Fu ll Flow	Max.Depth/F ull Depth	Reserve Capacity (cfs)	Total Flow Volume (MG)	Maximum Top Width (ft)	Both End Surcharge Time (hrs)	Upstream Surcharge Time (hrs)	Downstream Surcharge Time (hrs)	Above Full-Flow Time (hrs)	Capacity Limited Time (hrs)	Instability Index
344	☐	1323	2.25	19.78	0.41	13.91	Backwater	0 - 09:49 hrs	3.50	3.50	0.70	1.00	5.87	1.48	2.25	15.06	15.06	15.67	0.00	0.00	51
345	☐	1324	2.25	21.90	0.50	13.87	Backwater	0 - 09:49 hrs	3.49	3.49	0.63	1.00	8.03	1.47	2.25	15.67	15.67	17.11	0.00	0.00	52
346	☐	1326	2.00	10.08	0.20	10.00	Backwater	0 - 09:59 hrs	3.18	3.18	0.99	1.00	0.07	1.47	2.00	16.63	16.63	16.79	0.00	1.43	61
347	☐	1327	2.25	8.11	0.07	10.00	ceeds Capac	0 - 10:00 hrs	2.52	2.52	1.23	1.00	-1.89	1.46	2.25	16.74	16.74	16.91	1.36	1.67	52
348	☐	1328	2.25	10.37	0.11	10.00	Backwater	0 - 10:00 hrs	2.52	2.52	0.96	1.00	0.37	1.45	2.25	16.98	16.98	17.26	0.00	0.50	54
349	☐	1329	2.25	3.55	0.01	9.29	ceeds Capac	0 - 09:45 hrs	2.34	2.34	2.62	1.00	-5.74	0.18	2.25	17.25	17.26	17.26	5.60	5.66	46
350	☐	133	2.00	19.68	0.76	20.75	ceeds Capac	0 - 09:52 hrs	6.60	6.60	1.05	1.00	-1.07	1.58	2.00	0.92	0.92	0.99	0.01	0.01	1
351	☐	1330	2.25	15.46	0.25	30.18	Backwater	0 - 10:03 hrs	7.59	7.59	1.95	1.00	-14.72	1.93	2.25	17.26	17.26	17.59	3.55	0.01	58
352	☐	1331	2.75	11.26	0.05	17.97	ceeds Capac	0 - 09:59 hrs	3.03	3.03	1.60	1.00	-6.71	2.43	2.75	14.57	14.57	14.60	2.12	2.16	53
353	☐	1332	6.00	82.28	0.04	165.41	ceeds Capac	0 - 09:59 hrs	5.85	5.85	2.01	1.00	-83.12	28.01	6.00	14.66	14.66	14.67	3.55	3.49	40
354	☐	1333	2.00	7.74	0.12	20.14	ceeds Capac	0 - 11:36 hrs	6.41	6.41	2.60	1.00	-12.40	1.20	2.00	15.69	15.69	15.78	4.47	0.32	60
355	☐	1334	2.00	2.61	0.01	9.86	ceeds Capac	0 - 09:42 hrs	3.14	3.14	3.78	1.00	-7.26	1.50	2.00	15.23	15.24	15.23	5.79	6.88	35
356	☐	1335	2.00	33.97	2.25	9.87	Backwater	0 - 09:42 hrs	3.14	3.33	0.29	1.00	24.10	1.44	2.00	15.23	15.23	15.69	0.00	0.00	44
357	☐	1336	3.50	33.99	0.11	23.81	Backwater	0 - 09:59 hrs	2.47	2.47	0.70	1.00	10.18	2.48	3.50	3.29	3.29	5.05	0.00	0.00	11
358	☐	1337	3.00	29.83	0.20	9.87	Backwater	0 - 09:42 hrs	1.40	1.40	0.33	1.00	19.96	1.52	3.00	17.11	17.11	21.22	0.00	0.00	54
359	☐	1338	3.00	18.98	0.08	7.07	Backwater	0 - 09:42 hrs	1.00	1.00	0.37	1.00	11.91	0.99	3.00	16.55	16.55	17.78	0.00	0.58	65
360	☐	1339	2.25	12.40	0.16	16.76	ceeds Capac	0 - 09:59 hrs	4.21	4.21	1.35	1.00	-4.35	0.68	2.25	18.91	18.91	20.93	0.20	0.23	75
361	☐	134	2.00	19.76	0.76	20.76	ceeds Capac	0 - 09:52 hrs	6.61	7.04	1.05	1.00	-1.00	1.59	2.00	0.85	0.85	0.92	0.40	0.41	2
362	☐	1340	4.50	78.27	0.16	73.39	Backwater	0 - 11:48 hrs	4.61	5.91	0.94	1.00	4.88	16.97	4.50	3.52	3.52	3.91	0.00	0.01	12
363	☐	1341	2.75	9.21	0.03	23.12	Backwater	0 - 10:22 hrs	3.89	3.89	2.51	1.00	-13.91	2.12	2.75	2.00	2.00	2.03	2.12	0.16	12
364	☐	1342	2.75	18.01	0.12	23.06	ceeds Capac	0 - 10:22 hrs	3.88	3.88	1.28	1.00	-5.05	2.11	2.75	2.00	2.00	2.09	0.93	0.99	8
365	☐	1343	2.75	33.38	0.40	23.06	Backwater	0 - 10:22 hrs	3.88	4.22	0.69	1.00	10.32	2.11	2.75	2.09	2.09	2.45	0.00	0.00	11
366	☐	1344	2.75	29.23	0.31	23.06	Backwater	0 - 10:22 hrs	3.88	3.88	0.79	1.00	6.16	2.11	2.75	2.45	2.45	3.39	0.00	0.00	11
367	☐	1345	2.00	8.42	0.14	17.63	ceeds Capac	0 - 09:52 hrs	5.61	5.61	2.09	1.00	-9.21	1.59	2.00	1.74	1.74	1.76	1.33	1.28	5
368	☐	1347	2.00	12.88	0.32	17.66	ceeds Capac	0 - 09:52 hrs	5.62	5.62	1.37	1.00	-4.78	1.59	2.00	1.48	1.48	1.62	0.48	0.47	5
369	☐	1348	2.00	9.93	0.19	17.67	ceeds Capac	0 - 09:52 hrs	5.62	5.62	1.78	1.00	-7.74	1.59	2.00	1.67	1.67	1.67	1.14	0.94	7
370	☐	1349	3.50	37.54	0.14	30.06	Backwater	0 - 10:03 hrs	3.12	3.12	0.80	1.00	7.47	1.80	3.50	5.05	5.05	6.60	0.00	0.08	23
371	☐	135	4.50	75.08	0.15	102.97	ceeds Capac	0 - 10:32 hrs	6.47	6.47	1.37	1.00	-27.89	16.68	4.50	3.12	3.12	3.40	1.62	1.68	12
372	☐	1350	3.50	41.60	0.17	40.73	Backwater	0 - 09:59 hrs	4.23	4.23	0.98	1.00	0.87	3.46	3.50	9.71	9.71	13.87	0.00	0.00	29
373	☐	1351	5.50	66.34	0.04	139.95	ceeds Capac	0 - 10:03 hrs	5.89	5.89	2.11	1.00	-73.61	13.90	5.50	14.77	14.77	14.80	1.59	1.99	53
374	☐	1352	4.50	89.94	0.21	82.77	Backwater	0 - 10:27 hrs	5.20	5.68	0.92	1.00	7.17	11.21	4.50	2.18	2.18	3.35	0.00	0.01	7
375	☐	1353	1.50	3.44	0.14	7.82	ceeds Capac	0 - 10:03 hrs	4.42	4.42	2.27	1.00	-4.38	0.12	1.50	4.03	4.03	4.14	2.03	0.07	20
376	☐	1354	4.50	84.25	0.18	131.31	ceeds Capac	0 - 10:03 hrs	8.26	8.26	1.56	1.00	-47.06	18.63	4.50	3.40	3.40	3.52	1.44	1.56	16
377	☐	1356	4.50	62.68	0.10	64.63	ceeds Capac	0 - 09:53 hrs	4.06	4.28	1.03	1.00	-1.94	10.13	4.50	2.38	2.38	2.69	0.17	0.14	8
378	☐	1357	4.00	39.83	0.08	64.12	ceeds Capac	0 - 09:52 hrs	5.10	5.10	1.61	1.00	-24.29	9.44	4.00	2.45	2.45	2.48	2.24	1.91	9
379	☐	1358	1.75	6.77	0.24	14.17	ceeds Capac	0 - 09:52 hrs	5.89	5.89	2.09	1.00	-7.40	1.94	1.75	1.93	2.47	1.93	2.94	1.93	5
380	☐	1359	1.00	1.18	0.14	2.85	ceeds Capac	0 - 09:52 hrs	3.63	3.63	2.43	1.00	-1.68	0.69	1.00	3.16	4.98	3.16	7.62	3.16	4
381	☐	136	4.50	73.65	0.14	95.28	ceeds Capac	0 - 09:59 hrs	5.99	5.99	1.29	1.00	-21.63	11.63	4.50	2.69	2.69	3.12	0.46	0.49	7
382	☐	1361	2.50	14.57	0.13	30.32	ceeds Capac	0 - 09:52 hrs	6.18	6.18	2.08	1.00	-15.74	3.76	2.50	2.97	2.97	3.42	2.31	2.28	7
383	☐	1362	2.50	26.49	0.42	15.70	Backwater	0 - 10:56 hrs	3.20	3.43	0.59	1.00	10.79	2.29	2.50	1.79	1.79	2.67	0.00	0.00	5
384	☐	1363	2.00	11.92	0.28	10.16	Backwater	0 - 09:51 hrs	3.53	3.94	0.85	1.00	1.75	1.00	2.00	1.26	1.26	1.85	0.00	0.00	0
385	☐	1364	2.25	21.00	0.46	15.22	Backwater	0 - 10:07 hrs	3.83	4.06	0.72	1.00	5.78	0.79	2.25	1.43	1.43	1.63	0.00	0.00	8
386	☐	1367	1.50	4.11	0.20	8.49	ceeds Capac	0 - 09:42 hrs	4.80	4.80	2.07	1.00	-4.38	1.29	1.50	1.87	2.32	1.87	2.61	1.37	3
387	☐	1368	2.00	10.39	0.21	11.35	ceeds Capac	0 - 10:00 hrs	3.61	3.61	1.09	1.00	-0.97	1.08	2.00	2.08	2.08	2.17	0.48	0.45	8
388	☐	1369	2.00	11.27	0.25	11.35	ceeds Capac	0 - 10:02 hrs	3.61	3.95	1.01	1.00	-0.08	1.08	2.00	1.93	1.93	2.08	0.32	0.23	8
389	☐	137	3.50	24.89	0.06	16.67	Backwater	0 - 11:44 hrs	1.73	3.86	0.67	1.00	8.22	2.27	3.50	4.43	4.43	4.45	0.00	1.36	16
390	☐	1370	2.00	10.12	0.20	9.25	Backwater	0 - 09:52 hrs	2.95	2.95	0.91	1.00	0.87	0.40	2.00	1.60	1.60	1.78	0.00	0.01	8
391	☐	1371	2.00	18.29	0.65	12.58	Backwater	0 - 09:51 hrs	4.52	4.92	0.69	1.00	5.72	1.08	2.00	1.78	1.78	1.93	0.00	0.05	9
392	☐	1372	1.25	3.95	0.50	6.18	ceeds Capac	0 - 09:52 hrs	5.08	5.08	1.57	1.00	-2.23	0.39	1.25	1.28	1.31	1.95	0.05	0.00	5

EXISTING CONDITIONS 20-YR 24-HR CONDUITS

		ID	Full Depth (ft)	Full Flow (cfs)	Percent Slope (%)	Maximum Flow (cfs)	Maximum Flow Class	Max.Flow Day-Time (day-time)	Velocity at Maximum Flow (ft/s)	Maximum Velocity (ft/s)	Max.Flow/Fu ll Flow	Max.Depth/F ull Depth	Reserve Capacity (cfs)	Total Flow Volume (MG)	Maximum Top Width (ft)	Both End Surcharge Time (hrs)	Upstream Surcharge Time (hrs)	Downstream Surcharge Time (hrs)	Above Full-Flow Time (hrs)	Capacity Limited Time (hrs)	Instability Index
393	☐	1373	1.25	6.47	1.34	6.18	Backwater	0 - 09:52 hrs	5.03	5.03	0.95	1.00	0.29	0.39	1.25	1.31	1.31	2.01	0.00	0.00	8
394	☐	1374	1.25	4.12	0.54	6.17	ceeds Capac	0 - 09:52 hrs	5.03	5.03	1.50	1.00	-2.06	0.40	1.25	1.46	1.46	2.01	0.06	0.06	7
395	☐	1376	3.00	37.78	0.32	37.42	Backwater	0 - 09:51 hrs	5.29	5.29	0.99	1.00	0.36	5.70	3.00	2.16	2.16	2.81	0.00	0.00	5
396	☐	1377	3.00	35.29	0.28	29.07	Backwater	0 - 10:14 hrs	4.11	4.80	0.82	1.00	6.22	4.10	3.00	1.48	1.48	2.13	0.00	0.00	3
397	☐	1378	3.00	43.47	0.42	49.41	Backwater	0 - 09:59 hrs	6.99	6.99	1.14	1.00	-5.93	4.24	3.00	1.45	1.46	1.61	0.18	0.00	7
398	☐	1379	1.75	5.55	0.16	9.40	Backwater	0 - 09:52 hrs	3.96	4.03	1.69	1.00	-3.85	0.00	1.75	1.40	1.40	1.59	0.01	0.01	6
399	☐	138	5.50	66.34	0.04	125.23	ceeds Capac	0 - 09:53 hrs	5.27	5.27	1.89	1.00	-58.89	24.26	5.50	14.80	14.80	14.86	3.96	3.94	16
400	☐	1381	2.00	10.55	0.22	14.17	ceeds Capac	0 - 09:52 hrs	4.51	4.51	1.34	1.00	-3.62	1.94	2.00	2.30	2.30	2.32	0.42	0.91	10
401	☐	1382	1.50	7.76	0.73	9.90	ceeds Capac	0 - 09:59 hrs	5.60	5.60	1.28	1.00	-2.13	1.14	1.50	1.73	1.73	1.84	0.33	0.28	6
402	☐	1383	2.00	6.08	0.07	9.69	ceeds Capac	0 - 09:53 hrs	3.08	3.14	1.59	1.00	-3.61	0.53	2.00	1.36	1.36	1.44	0.33	0.30	5
403	☐	1384	6.00	429.48	1.03	160.22	Backwater	0 - 09:59 hrs	5.67	5.67	0.37	1.00	269.26	25.99	6.00	14.67	14.67	15.30	0.00	0.00	60
404	☐	1385	5.50	105.13	0.10	136.94	ceeds Capac	0 - 10:03 hrs	5.76	5.76	1.30	1.00	-31.81	13.84	5.50	14.05	14.05	14.77	0.63	0.62	47
405	☐	1386	3.75	46.36	0.15	51.41	ceeds Capac	0 - 10:15 hrs	4.65	4.65	1.11	1.00	-5.05	8.12	3.75	2.50	2.50	3.30	0.59	0.58	9
406	☐	1387	3.50	22.38	0.05	51.40	ceeds Capac	0 - 10:15 hrs	5.34	5.34	2.30	1.00	-29.01	8.13	3.50	2.61	2.74	2.61	4.17	2.60	9
407	☐	1388	3.50	21.29	0.04	32.08	ceeds Capac	0 - 09:45 hrs	3.34	3.34	1.51	1.00	-10.79	6.35	3.50	2.66	2.80	2.66	3.51	2.55	5
408	☐	1389	1.25	3.43	0.38	2.37	Backwater	0 - 09:52 hrs	1.96	1.96	0.69	1.00	1.06	0.02	1.25	1.09	1.09	1.48	0.00	0.00	2
409	☐	139	5.50	78.57	0.05	136.94	ceeds Capac	0 - 10:03 hrs	5.76	5.76	1.74	1.00	-58.37	13.93	5.50	12.78	12.78	14.05	1.17	1.28	40
410	☐	1390	2.00	6.38	0.08	7.77	Backwater	0 - 09:59 hrs	2.47	2.47	1.22	1.00	-1.39	0.17	2.00	1.10	1.10	1.19	0.24	0.01	3
411	☐	1391	1.75	3.67	0.07	7.64	Backwater	0 - 10:17 hrs	3.18	3.18	2.08	1.00	-3.97	0.13	1.75	2.30	2.30	2.81	0.63	0.01	5
412	☐	1392	1.00	1.30	0.18	3.51	ceeds Capac	0 - 09:37 hrs	4.46	4.46	2.70	1.00	-2.21	0.61	1.00	5.12	5.25	5.14	4.74	4.57	12
413	☐	1393	3.00	13.68	0.04	18.55	ceeds Capac	0 - 09:52 hrs	2.64	2.67	1.36	1.00	-4.88	2.73	3.00	1.59	1.59	1.61	0.82	0.71	7
414	☐	1394	1.00	1.19	0.15	4.08	Backwater	0 - 09:52 hrs	5.38	5.38	3.43	1.00	-2.89	0.11	1.00	1.25	1.25	1.34	0.65	0.01	3
415	☐	1395	1.00	1.12	0.13	1.75	ceeds Capac	0 - 10:08 hrs	2.23	2.23	1.56	1.00	-0.63	0.17	1.00	1.29	1.31	1.31	0.88	0.78	1
416	☐	1396	1.00	1.26	0.17	2.85	ceeds Capac	0 - 09:52 hrs	3.63	3.63	2.27	1.00	-1.59	0.69	1.00	1.36	3.16	1.36	6.14	1.36	3
417	☐	1397	1.50	4.45	0.24	3.56	Backwater	0 - 10:07 hrs	2.02	2.90	0.80	1.00	0.89	0.31	1.50	2.42	2.42	2.55	0.00	0.00	9
418	☐	1398	1.50	1.93	0.04	7.25	Backwater	0 - 09:51 hrs	4.21	4.21	3.76	1.00	-5.33	0.04	1.50	2.33	2.33	2.34	0.35	0.50	9
419	☐	1399	4.50	153.16	0.61	75.54	Backwater	0 - 10:29 hrs	4.75	7.56	0.49	1.00	77.62	10.34	4.50	1.47	1.47	1.99	0.00	0.00	6
420	☐	14	2.00	10.12	0.20	17.08	ceeds Capac	0 - 10:17 hrs	5.44	5.44	1.69	1.00	-6.96	4.40	2.00	5.83	5.83	6.17	5.83	5.77	4
421	☐	140	2.25	20.03	0.42	19.53	Backwater	0 - 09:52 hrs	4.91	4.91	0.97	1.00	0.51	1.30	2.25	1.46	1.46	3.45	0.00	0.01	2
422	☐	1400	2.00	29.32	1.68	17.61	Backwater	0 - 09:52 hrs	5.60	6.45	0.60	1.00	11.72	1.59	2.00	1.70	1.70	2.07	0.00	0.00	6
423	☐	1401	4.00	41.65	0.08	61.39	ceeds Capac	0 - 10:27 hrs	4.89	6.04	1.47	1.00	-19.74	8.76	4.00	1.30	1.36	1.30	1.65	1.21	4
424	☐	1402	4.00	81.43	0.32	61.38	Backwater	0 - 10:27 hrs	4.88	6.85	0.75	1.00	20.05	8.76	4.00	1.34	1.34	1.62	0.00	0.00	4
425	☐	1403	2.00	9.83	0.19	9.28	Backwater	0 - 10:07 hrs	2.95	3.35	0.94	1.00	0.55	0.55	2.00	1.09	1.09	1.16	0.00	0.13	4
426	☐	1404	2.00	8.69	0.15	9.35	Backwater	0 - 09:53 hrs	2.98	3.17	1.08	1.00	-0.66	0.54	2.00	1.16	1.16	1.30	0.00	0.06	4
427	☐	1405	1.00	2.68	0.75	5.20	Backwater	0 - 09:52 hrs	7.84	7.84	1.94	1.00	-2.52	0.00	1.00	1.14	1.14	1.25	0.00	0.04	8
428	☐	1406	2.50	20.51	0.25	17.22	Backwater	0 - 09:52 hrs	3.79	3.95	0.84	1.00	3.29	0.76	2.50	1.07	1.07	1.21	0.00	0.00	3
429	☐	1407	2.50	19.50	0.23	21.77	ceeds Capac	0 - 10:08 hrs	4.44	4.44	1.12	1.00	-2.27	1.25	2.50	1.21	1.21	1.32	0.35	0.38	4
430	☐	1408	2.50	9.42	0.05	21.77	ceeds Capac	0 - 10:08 hrs	4.43	4.43	2.31	1.00	-12.35	1.25	2.50	1.34	1.35	1.36	1.17	1.10	4
431	☐	1409	2.75	19.14	0.13	11.73	Backwater	0 - 10:44 hrs	1.98	1.98	0.61	1.00	7.40	1.96	2.75	12.39	12.39	13.11	0.00	0.98	54
432	☐	141	2.50	4.27	0.01	8.04	Backwater	0 - 09:52 hrs	1.64	2.68	1.88	1.00	-3.77	0.16	2.50	1.04	1.05	1.04	0.34	0.51	5
433	☐	1410	2.75	18.83	0.13	11.79	Backwater	0 - 10:44 hrs	1.98	2.57	0.63	1.00	7.04	1.97	2.75	10.36	10.36	10.93	0.00	0.72	50
434	☐	1411	2.75	19.11	0.13	44.20	ceeds Capac	0 - 09:59 hrs	7.44	7.44	2.31	1.00	-25.09	3.90	2.75	8.55	8.55	9.36	2.14	2.26	31
435	☐	1412	1.75	5.70	0.17	0.52	Backwater	0 - 09:42 hrs	0.25	0.53	0.09	1.00	5.18	0.00	1.75	5.31	5.31	5.77	0.00	0.37	29
436	☐	1413	2.75	19.66	0.14	20.62	ceeds Capac	0 - 09:53 hrs	3.47	3.47	1.05	1.00	-0.96	2.80	2.75	4.45	4.45	7.97	0.38	0.50	23
437	☐	1414	2.75	17.13	0.10	16.94	Backwater	0 - 10:51 hrs	2.85	2.85	0.99	1.00	0.19	2.40	2.75	3.69	3.69	4.28	0.00	0.50	15
438	☐	1415	2.75	8.77	0.03	23.11	ceeds Capac	0 - 10:22 hrs	3.89	3.89	2.64	1.00	-14.34	2.11	2.75	3.58	3.58	3.89	2.17	2.19	8
439	☐	1416	5.00	149.83	0.33	104.10	Backwater	0 - 09:59 hrs	5.30	5.56	0.69	1.00	45.73	12.63	5.00	3.23	3.23	3.92	0.00	0.00	17
440	☐	1417	4.50	137.22	0.49	82.79	Backwater	0 - 10:27 hrs	5.21	6.32	0.60	1.00	54.44	11.19	4.50	3.35	3.35	3.88	0.00	0.02	14
441	☐	1418	5.00	182.77	0.49	104.18	Backwater	0 - 09:59 hrs	5.31	5.31	0.57	1.00	78.59	12.59	5.00	4.36	4.36	8.51	0.00	0.00	28

EXISTING CONDITIONS 20-YR 24-HR CONDUITS

		ID	Full Depth (ft)	Full Flow (cfs)	Percent Slope (%)	Maximum Flow (cfs)	Maximum Flow Class	Max.Flow Day-Time (day-time)	Velocity at Maximum Flow (ft/s)	Maximum Velocity (ft/s)	Max.Flow/Fu ll Flow	Max.Depth/F ull Depth	Reserve Capacity (cfs)	Total Flow Volume (MG)	Maximum Top Width (ft)	Both End Surcharge Time (hrs)	Upstream Surcharge Time (hrs)	Downstream Surcharge Time (hrs)	Above Full-Flow Time (hrs)	Capacity Limited Time (hrs)	Instability Index
442	☐	1419	5.00	119.02	0.21	104.18	Backwater	0 - 09:59 hrs	5.31	5.31	0.88	1.00	14.84	12.62	5.00	4.00	4.00	5.44	0.00	0.02	18
443	☐	142	2.25	13.54	0.19	17.94	ceeds Capac	0 - 09:59 hrs	4.51	4.51	1.33	1.00	-4.40	0.77	2.25	2.54	2.54	2.81	0.22	0.22	7
444	☐	1420	2.00	11.50	0.26	12.42	ceeds Capac	0 - 09:52 hrs	3.95	3.95	1.08	1.00	-0.92	0.99	2.00	3.29	3.29	4.21	0.03	0.03	7
445	☐	1421	1.75	6.35	0.21	4.17	Backwater	0 - 09:49 hrs	1.73	1.89	0.66	1.00	2.18	0.29	1.75	3.08	3.08	3.27	0.00	0.00	13
446	☐	1422	2.75	26.58	0.25	32.64	ceeds Capac	0 - 09:59 hrs	5.50	5.50	1.23	1.00	-6.07	2.19	2.75	1.66	1.66	2.03	0.32	0.33	5
447	☐	1423	1.75	4.70	0.12	4.17	Backwater	0 - 09:49 hrs	1.74	1.89	0.89	1.00	0.52	0.29	1.75	2.81	2.81	3.08	0.00	0.01	11
448	☐	1424	1.50	4.08	0.20	4.18	Backwater	0 - 09:49 hrs	2.37	2.69	1.02	1.00	-0.10	0.29	1.50	2.59	2.59	2.87	0.00	0.00	10
449	☐	1425	2.75	17.78	0.11	18.67	ceeds Capac	0 - 10:10 hrs	3.14	3.14	1.05	1.00	-0.90	1.55	2.75	1.53	1.53	1.66	0.19	0.32	4
450	☐	1426	2.75	17.07	0.10	18.69	ceeds Capac	0 - 10:10 hrs	3.15	4.49	1.10	1.00	-1.63	1.54	2.75	1.42	1.42	1.43	0.44	0.58	7
451	☐	1427	2.00	10.93	0.23	9.68	Backwater	0 - 09:53 hrs	3.08	3.75	0.89	1.00	1.25	0.53	2.00	1.46	1.46	1.52	0.00	0.14	6
452	☐	1428	2.75	33.20	0.39	21.87	Backwater	0 - 09:52 hrs	4.20	4.20	0.66	1.00	11.33	1.01	2.75	1.21	1.21	1.42	0.00	0.00	7
453	☐	1429	2.75	16.67	0.10	36.66	ceeds Capac	0 - 09:52 hrs	6.41	6.42	2.20	1.00	-19.99	1.01	2.75	1.08	1.09	1.21	0.04	0.00	3
454	☐	143	2.50	18.00	0.19	30.31	ceeds Capac	0 - 09:52 hrs	6.17	6.17	1.68	1.00	-12.31	3.77	2.50	2.67	2.67	2.85	1.57	1.58	10
455	☐	1430	2.75	9.71	0.03	42.95	ceeds Capac	0 - 09:52 hrs	7.25	7.25	4.42	1.00	-33.23	1.02	2.75	1.08	1.09	1.08	1.55	0.67	4
456	☐	1431	2.75	15.04	0.08	30.00	ceeds Capac	0 - 09:52 hrs	5.05	5.05	1.99	1.00	-14.96	0.06	2.75	1.08	1.08	1.09	0.01	0.09	4
457	☐	1432	2.25	15.54	0.25	25.20	ceeds Capac	0 - 09:52 hrs	6.37	6.38	1.62	1.00	-9.66	4.55	2.25	1.22	1.98	1.22	2.70	1.10	3
458	☐	1433	2.25	13.60	0.19	14.29	ceeds Capac	0 - 11:18 hrs	3.59	3.59	1.05	1.00	-0.69	3.46	2.25	2.02	2.04	2.04	0.72	0.62	7
459	☐	1434	2.25	10.71	0.12	8.97	Backwater	0 - 10:23 hrs	2.26	2.26	0.84	1.00	1.74	1.37	2.25	1.49	1.49	2.04	0.00	0.01	6
460	☐	1435	2.25	17.08	0.30	14.47	Backwater	0 - 09:59 hrs	3.64	3.64	0.85	1.00	2.61	0.87	2.25	0.83	0.83	1.45	0.00	0.00	2
461	☐	1436	2.00	51.89	5.26	28.72	Backwater	0 - 09:52 hrs	9.18	9.61	0.55	1.00	23.17	0.78	2.00	0.82	0.83	0.89	0.00	0.00	2
462	☐	1438	1.00	0.56	0.03	2.86	Backwater	0 - 09:52 hrs	3.97	3.97	5.09	1.00	-2.29	0.69	1.00	1.23	1.23	1.72	21.93	0.00	5
463	☐	1439	3.00	102.60	2.37	12.67	Backwater	0 - 09:52 hrs	1.79	1.79	0.12	1.00	89.93	0.79	3.00	1.42	1.42	1.50	0.00	0.02	7
464	☐	144	1.75	7.11	0.27	13.92	ceeds Capac	0 - 09:52 hrs	5.79	5.79	1.96	1.00	-6.80	1.08	1.75	1.28	1.33	1.33	0.10	0.02	1
465	☐	1440	1.00	5.23	2.87	1.71	Backwater	0 - 11:07 hrs	2.78	3.17	0.33	1.00	3.52	0.16	1.00	1.16	1.16	1.80	0.00	0.00	2
466	☐	1441	2.50	16.70	0.17	26.05	ceeds Capac	0 - 09:52 hrs	5.31	5.41	1.56	1.00	-9.35	2.77	2.50	1.07	1.08	1.07	1.23	0.57	5
467	☐	1442	3.00	24.83	0.14	25.93	Backwater	0 - 09:52 hrs	3.80	4.08	1.04	1.00	-1.10	2.94	3.00	1.05	1.05	1.07	0.02	0.06	4
468	☐	1443	3.00	23.27	0.12	28.80	ceeds Capac	0 - 09:59 hrs	4.07	4.31	1.24	1.00	-5.53	3.13	3.00	1.09	1.09	1.10	0.39	0.43	3
469	☐	1444	3.00	27.77	0.17	28.80	ceeds Capac	0 - 09:59 hrs	4.07	4.07	1.04	1.00	-1.04	3.13	3.00	1.12	1.12	1.17	0.04	0.12	4
470	☐	1445	3.00	47.00	0.50	28.18	Backwater	0 - 09:59 hrs	3.99	3.99	0.60	1.00	18.82	3.12	3.00	1.15	1.15	1.23	0.00	0.01	6
471	☐	1446	3.00	24.22	0.13	32.16	ceeds Capac	0 - 09:59 hrs	4.55	4.55	1.33	1.00	-7.94	3.26	3.00	1.25	1.25	1.25	0.38	0.63	6
472	☐	1447	3.00	119.10	3.19	42.99	Backwater	0 - 09:52 hrs	8.04	9.39	0.36	1.00	76.11	4.47	3.00	1.10	1.10	1.16	0.00	0.06	4
473	☐	1448	1.50	1.83	0.04	8.96	ceeds Capac	0 - 09:52 hrs	5.15	5.25	4.88	1.00	-7.12	0.96	1.50	1.34	1.40	1.34	5.01	1.20	6
474	☐	1449	2.50	24.41	0.35	35.70	ceeds Capac	0 - 09:52 hrs	7.32	7.55	1.46	1.00	-11.29	3.63	2.50	1.17	1.22	1.23	0.23	0.14	2
475	☐	1450	2.50	19.45	0.22	28.28	ceeds Capac	0 - 09:52 hrs	5.76	5.76	1.45	1.00	-8.83	3.17	2.50	1.18	1.19	1.20	0.42	0.33	4
476	☐	1451	2.50	10.93	0.07	28.28	ceeds Capac	0 - 09:52 hrs	5.76	5.76	2.59	1.00	-17.35	3.18	2.50	1.21	1.32	1.21	2.74	1.16	4
477	☐	1452	2.50	22.04	0.29	26.38	ceeds Capac	0 - 09:52 hrs	5.37	5.37	1.20	1.00	-4.34	2.77	2.50	1.07	1.08	1.11	0.06	0.02	5
478	☐	1453	2.50	28.32	0.48	26.18	Backwater	0 - 09:52 hrs	5.33	5.46	0.92	1.00	2.14	2.77	2.50	0.96	0.96	1.15	0.00	0.00	4
479	☐	1454	2.00	4.76	0.04	18.00	ceeds Capac	0 - 09:49 hrs	5.73	5.73	3.78	1.00	-13.24	1.98	2.00	1.16	1.18	1.16	4.12	0.90	4
480	☐	1455	2.00	6.15	0.07	18.00	ceeds Capac	0 - 09:49 hrs	5.73	5.73	2.93	1.00	-11.85	1.98	2.00	1.18	1.22	1.18	2.76	0.98	5
481	☐	1456	2.75	23.94	0.20	21.91	Backwater	0 - 09:59 hrs	3.69	3.69	0.92	1.00	2.03	2.54	2.75	14.60	14.60	15.05	0.00	0.00	50
482	☐	1457	1.25	3.50	0.39	2.07	Backwater	0 - 10:07 hrs	1.68	1.68	0.59	1.00	1.43	0.02	1.25	1.21	1.21	6.40	0.00	0.00	3
483	☐	1458	2.00	8.30	0.13	17.98	Backwater	0 - 09:49 hrs	5.72	5.72	2.17	1.00	-9.69	1.98	2.00	1.22	1.22	1.40	1.70	0.00	5
484	☐	146	3.50	127.08	1.60	47.42	Backwater	0 - 11:37 hrs	4.93	5.24	0.37	1.00	79.65	15.28	3.50	19.77	19.77	20.73	0.00	0.00	72
485	☐	1460	2.00	7.50	0.11	2.28	Backwater	0 - 09:42 hrs	0.74	0.74	0.30	1.00	5.22	0.00	2.00	1.40	1.40	1.62	0.00	0.00	5
486	☐	1461	1.50	5.99	0.43	1.47	Backwater	0 - 09:44 hrs	1.08	1.08	0.25	1.00	4.52	0.00	1.50	1.19	1.19	1.66	0.00	0.00	4
487	☐	1462	3.50	10.06	0.01	55.50	ceeds Capac	0 - 09:59 hrs	5.77	5.77	5.52	1.00	-45.44	2.27	3.50	10.60	10.63	10.74	2.76	3.80	21
488	☐	147	6.50	74.35	0.02	162.20	ceeds Capac	0 - 09:55 hrs	4.89	4.89	2.18	1.00	-87.85	18.46	6.50	16.66	16.66	16.69	2.20	2.92	59
489	☐	148	6.50	74.17	0.02	162.34	ceeds Capac	0 - 09:56 hrs	4.89	4.89	2.19	1.00	-88.17	18.22	6.50	16.76	16.76	16.82	2.20	3.51	59
490	☐	149	6.50	155.14	0.09	213.41	Backwater	0 - 09:56 hrs	6.43	6.43	1.38	1.00	-58.27	17.06	6.50	16.45	16.45	16.80	0.76	0.00	56

EXISTING CONDITIONS 20-YR 24-HR CONDUITS

		ID	Full Depth (ft)	Full Flow (cfs)	Percent Slope (%)	Maximum Flow (cfs)	Maximum Flow Class	Max.Flow Day-Time (day-time)	Velocity at Maximum Flow (ft/s)	Maximum Velocity (ft/s)	Max.Flow/Fu ll Flow	Max.Depth/F ull Depth	Reserve Capacity (cfs)	Total Flow Volume (MG)	Maximum Top Width (ft)	Both End Surcharge Time (hrs)	Upstream Surcharge Time (hrs)	Downstream Surcharge Time (hrs)	Above Full-Flow Time (hrs)	Capacity Limited Time (hrs)	Instability Index
491	☐	15	2.00	10.12	0.20	15.91	ceeds Capac	0 - 13:38 hrs	5.06	5.06	1.57	1.00	-5.78	4.52	2.00	5.03	6.17	5.03	7.03	5.03	5
492	☐	152	6.00	140.59	0.11	147.19	ceeds Capac	0 - 09:56 hrs	5.21	5.21	1.05	1.00	-6.60	25.80	6.00	15.84	15.84	16.74	0.25	0.24	48
493	☐	155	6.00	173.41	0.17	168.45	Backwater	0 - 09:59 hrs	5.96	5.96	0.97	1.00	4.96	27.37	6.00	15.30	15.30	15.84	0.00	0.08	53
494	☐	156	2.50	39.27	0.92	13.31	Backwater	0 - 09:53 hrs	2.71	2.71	0.34	1.00	25.95	2.38	2.50	16.38	16.38	16.63	0.00	0.05	65
495	☐	157	6.50	74.16	0.02	162.22	ceeds Capac	0 - 09:56 hrs	4.89	4.89	2.19	1.00	-88.06	18.34	6.50	16.69	16.69	16.76	2.21	3.60	58
496	☐	158	3.50	24.07	0.16	22.26	Backwater	0 - 10:08 hrs	2.31	2.31	0.92	1.00	1.81	7.34	3.50	17.70	17.70	19.57	0.00	0.00	34
497	☐	159	3.50	23.78	0.16	27.89	ceeds Capac	0 - 10:10 hrs	2.90	2.90	1.17	1.00	-4.10	7.69	3.50	16.85	16.85	17.70	2.02	2.03	43
498	☐	16	2.00	17.23	0.58	24.60	ceeds Capac	0 - 09:47 hrs	7.83	7.83	1.43	1.00	-7.37	6.72	2.00	1.61	5.03	1.61	5.43	1.61	10
499	☐	160	3.50	23.81	0.16	21.90	Backwater	0 - 10:08 hrs	2.28	2.28	0.92	1.00	1.90	5.70	3.50	16.13	16.13	16.85	0.00	0.00	52
500	☐	161	3.50	23.73	0.16	23.10	Backwater	0 - 10:03 hrs	2.40	2.40	0.97	1.00	0.63	4.95	3.50	15.83	15.83	16.13	0.00	0.03	58
501	☐	162	2.50	20.51	0.25	15.40	Backwater	0 - 09:30 hrs	3.14	3.48	0.75	1.00	5.11	4.29	2.50	5.79	5.79	7.51	0.00	0.00	19
502	☐	164	2.50	43.04	1.10	39.72	Backwater	0 - 09:52 hrs	8.09	9.12	0.92	1.00	3.31	3.40	2.50	2.00	2.00	3.40	0.00	0.00	10
503	☐	165	3.50	44.98	0.20	34.70	Backwater	0 - 09:59 hrs	3.61	3.61	0.77	1.00	10.28	1.47	3.49	23.76	23.76	23.77	0.00	0.06	84
504	☐	166	3.50	46.82	0.22	34.71	Backwater	0 - 09:59 hrs	3.61	4.31	0.74	1.00	12.11	1.49	3.49	23.75	23.76	23.76	0.00	1.12	92
505	☐	167	3.50	44.57	0.20	34.75	Backwater	0 - 09:59 hrs	3.61	3.61	0.78	1.00	9.82	1.49	3.47	12.02	12.02	23.76	0.00	0.02	77
506	☐	17	2.50	31.25	0.58	24.55	Backwater	0 - 10:47 hrs	5.03	5.21	0.79	1.00	6.70	6.72	2.50	0.78	0.78	5.53	0.00	0.00	14
507	☐	170	4.50	62.55	0.10	143.83	ceeds Capac	0 - 00:02 hrs	9.34	11.94	2.30	1.00	-81.28	7.99	2.60	23.95	23.95	23.98	0.69	0.62	83
508	☐	171	2.50	19.99	0.24	20.15	ceeds Capac	0 - 09:40 hrs	4.10	5.29	1.01	1.00	-0.15	5.91	2.50	3.74	3.74	3.75	0.07	1.79	19
509	☐	172	3.50	25.16	0.06	27.55	ceeds Capac	0 - 10:14 hrs	2.86	2.86	1.09	1.00	-2.39	2.62	3.49	1.58	1.58	2.11	0.50	0.46	4
510	☐	173	3.50	55.28	0.30	30.88	Backwater	0 - 00:09 hrs	4.18	4.48	0.56	1.00	24.40	2.56	3.35	23.59	23.59	23.83	0.00	0.00	90
511	☐	174	2.75	72.91	1.90	16.52	Backwater	0 - 11:14 hrs	2.78	3.96	0.23	1.00	56.39	3.18	2.61	2.02	2.02	23.92	0.00	0.00	66
512	☐	175	1.75	13.48	0.96	11.12	Backwater	0 - 10:08 hrs	4.62	4.62	0.82	1.00	2.36	1.21	1.75	3.82	3.82	4.44	0.00	0.00	15
513	☐	176	2.00	5.36	0.06	16.46	ceeds Capac	0 - 11:14 hrs	5.24	5.24	3.07	1.00	-11.09	3.20	2.00	4.77	4.92	4.77	6.30	4.77	5
514	☐	177	2.00	8.51	0.14	16.46	ceeds Capac	0 - 11:14 hrs	5.24	5.24	1.93	1.00	-7.94	3.20	2.00	4.73	4.73	23.75	3.93	3.91	5
515	☐	178	4.50	19.66	0.01	95.80	ceeds Capac	0 - 00:04 hrs	6.18	8.61	4.87	1.00	-76.13	6.46	4.50	23.92	23.93	23.92	3.29	6.26	83
516	☐	179	4.50	61.30	0.10	91.48	ceeds Capac	0 - 00:04 hrs	7.00	7.60	1.49	1.00	-30.18	6.50	4.35	23.92	23.92	23.92	0.04	0.02	85
517	☐	180	3.75	69.01	0.33	70.39	Backwater	0 - 00:05 hrs	6.94	8.48	1.02	1.00	-1.38	3.36	3.25	23.89	23.89	23.92	0.01	0.00	80
518	☐	181	3.75	43.10	0.13	62.74	ceeds Capac	0 - 00:05 hrs	7.83	7.83	1.46	1.00	-19.64	3.38	3.42	23.88	23.88	23.89	0.21	0.20	83
519	☐	182	3.50	31.13	0.10	40.40	Backwater	0 - 00:07 hrs	6.08	6.10	1.30	1.00	-9.27	2.53	3.42	23.83	23.83	23.86	0.05	0.03	72
520	☐	183	3.50	44.03	0.19	27.58	Backwater	0 - 10:14 hrs	2.87	2.87	0.63	1.00	16.45	2.65	3.50	0.97	0.97	1.58	0.00	0.00	4
521	☐	184	2.00	14.41	0.41	15.73	ceeds Capac	0 - 10:26 hrs	5.01	5.01	1.09	1.00	-1.32	1.45	2.00	1.41	1.41	1.86	0.17	0.18	4
522	☐	185	2.00	11.46	0.26	15.73	ceeds Capac	0 - 10:26 hrs	5.01	5.01	1.37	1.00	-4.27	1.47	2.00	1.20	1.20	1.31	0.52	0.54	3
523	☐	186	3.50	41.74	0.17	27.52	Backwater	0 - 10:14 hrs	2.86	4.16	0.66	1.00	14.22	2.59	3.48	2.11	2.11	23.59	0.00	0.00	25
524	☐	187	2.00	4.64	0.12	8.79	ceeds Capac	0 - 14:18 hrs	2.80	2.80	1.89	1.00	-4.15	4.08	2.00	19.97	19.98	19.97	18.37	17.95	89
525	☐	188	2.00	4.67	0.12	8.78	ceeds Capac	0 - 14:25 hrs	2.79	2.79	1.88	1.00	-4.11	4.08	2.00	19.95	19.97	19.95	18.22	17.99	82
526	☐	189	2.00	4.63	0.12	8.77	ceeds Capac	0 - 14:25 hrs	2.79	2.79	1.90	1.00	-4.15	4.07	2.00	19.88	19.95	19.88	18.36	18.19	76
527	☐	19	4.50	87.90	0.20	75.87	Backwater	0 - 11:48 hrs	4.77	4.77	0.86	1.00	12.03	17.86	4.50	4.62	4.62	15.10	0.00	0.00	18
528	☐	190	2.00	4.65	0.12	8.77	ceeds Capac	0 - 15:06 hrs	2.79	2.79	1.89	1.00	-4.12	4.06	1.99	19.88	19.88	19.88	18.25	17.97	80
529	☐	191	2.00	1.93	0.02	8.77	ceeds Capac	0 - 21:22 hrs	2.79	2.79	4.54	1.00	-6.84	4.06	2.00	19.88	19.88	19.88	20.05	19.88	82
530	☐	192	2.00	6.43	0.23	8.77	ceeds Capac	0 - 15:06 hrs	2.79	2.79	1.36	1.00	-2.34	4.05	2.00	19.88	19.88	19.88	14.05	14.17	80
531	☐	193	2.00	4.61	0.12	8.77	ceeds Capac	0 - 15:06 hrs	2.79	2.79	1.90	1.00	-4.16	4.05	2.00	19.88	19.88	19.89	18.32	18.30	64
532	☐	194	2.00	8.27	0.38	8.77	Free Surface	0 - 15:06 hrs	3.41	3.41	1.06	0.76	-0.51	4.04	1.99	0.00	0.00	19.89	12.27	0.00	68
533	☐	195	3.00	74.58	1.25	77.77	ceeds Capac	0 - 09:51 hrs	11.90	11.98	1.04	1.00	-3.19	11.01	3.00	0.92	0.92	1.05	0.51	0.51	4
534	☐	196	3.00	75.04	1.27	75.86	ceeds Capac	0 - 10:26 hrs	10.73	10.73	1.01	1.00	-0.83	11.01	3.00	1.11	1.11	1.50	0.35	0.35	4
535	☐	197	5.00	87.41	0.11	116.55	ceeds Capac	0 - 10:03 hrs	5.94	5.94	1.33	1.00	-29.14	15.93	5.00	21.56	21.56	23.96	1.40	1.41	3
536	☐	198	4.00	86.75	0.36	87.84	ceeds Capac	0 - 10:38 hrs	6.99	6.99	1.01	1.00	-1.10	12.63	3.90	19.54	19.54	23.93	0.11	0.21	11
537	☐	199	4.00	116.52	0.66	120.87	ceeds Capac	0 - 09:59 hrs	9.62	9.62	1.04	1.00	-4.35	13.16	4.00	1.27	1.27	1.67	0.14	0.12	5
538	☐	20	4.50	59.36	0.09	76.09	ceeds Capac	0 - 09:59 hrs	4.78	4.78	1.28	1.00	-16.73	16.16	4.50	15.10	15.10	15.47	2.42	2.41	42
539	☐	200	2.00	27.03	1.43	21.93	Backwater	0 - 10:08 hrs	6.98	6.98	0.81	1.00	5.09	1.28	2.00	1.71	1.71	1.88	0.00	0.01	6

EXISTING CONDITIONS 20-YR 24-HR CONDUITS

		ID	Full Depth (ft)	Full Flow (cfs)	Percent Slope (%)	Maximum Flow (cfs)	Maximum Flow Class	Max.Flow Day-Time (day-time)	Velocity at Maximum Flow (ft/s)	Maximum Velocity (ft/s)	Max.Flow/Fu ll Flow	Max.Depth/F ull Depth	Reserve Capacity (cfs)	Total Flow Volume (MG)	Maximum Top Width (ft)	Both End Surcharge Time (hrs)	Upstream Surcharge Time (hrs)	Downstream Surcharge Time (hrs)	Above Full-Flow Time (hrs)	Capacity Limited Time (hrs)	Instability Index
540	☐	201	2.00	12.35	0.40	14.23	ceeds Capac	0 - 09:52 hrs	4.53	4.53	1.15	1.00	-1.88	1.21	1.81	1.88	1.88	23.80	0.53	0.53	7
541	☐	202	5.00	109.10	0.18	192.33	ceeds Capac	0 - 00:02 hrs	9.94	10.00	1.76	1.00	-83.23	15.78	1.96	23.96	23.96	24.00	0.90	0.89	3
542	☐	203	2.00	53.48	5.59	45.28	Backwater	0 - 09:59 hrs	14.41	15.13	0.85	1.00	8.19	2.03	2.00	0.15	0.15	0.27	0.00	0.00	0
543	☐	204	3.50	61.39	0.37	93.29	ceeds Capac	0 - 10:03 hrs	9.70	9.70	1.52	1.00	-31.90	7.36	1.37	23.94	23.94	24.00	0.39	0.39	0
544	☐	205	3.50	68.26	0.46	97.47	ceeds Capac	0 - 10:03 hrs	10.13	10.13	1.43	1.00	-29.21	20.36	1.37	23.94	23.94	24.00	0.37	0.37	0
545	☐	206	3.50	54.85	0.30	89.58	ceeds Capac	0 - 10:03 hrs	9.31	9.31	1.63	1.00	-34.74	12.75	1.37	23.94	23.94	24.00	0.40	0.40	0
546	☐	208	2.00	7.21	0.10	14.45	ceeds Capac	0 - 09:59 hrs	4.66	4.85	2.00	1.00	-7.24	0.97	2.00	0.10	1.17	0.10	1.23	0.10	1
547	☐	209	2.00	21.61	0.91	7.46	Backwater	0 - 10:11 hrs	2.58	3.64	0.35	1.00	14.15	0.49	2.00	0.10	0.10	0.13	0.00	0.00	0
548	☐	21	2.00	10.38	0.21	10.97	ceeds Capac	0 - 09:47 hrs	3.49	3.49	1.06	1.00	-0.59	1.40	2.00	2.29	2.29	6.99	0.04	0.05	7
549	☐	210	2.00	19.47	0.74	27.56	ceeds Capac	0 - 10:03 hrs	8.81	8.81	1.42	1.00	-8.09	1.40	2.00	0.03	0.27	0.03	0.33	0.03	0
550	☐	211	2.00	19.33	0.73	21.93	ceeds Capac	0 - 10:00 hrs	7.26	7.26	1.13	1.00	-2.60	1.34	2.00	0.03	0.13	0.03	0.29	0.03	0
551	☐	212	2.50	61.83	2.27	35.24	Backwater	0 - 10:07 hrs	7.80	8.16	0.57	1.00	26.58	1.55	2.50	0.09	0.09	0.34	0.00	0.00	0
552	☐	213	3.50	104.20	1.07	95.87	Backwater	0 - 10:03 hrs	9.96	11.77	0.92	1.00	8.32	4.87	3.50	0.18	0.18	0.27	0.00	0.00	0
553	☐	214	2.50	59.37	2.09	49.49	Backwater	0 - 09:59 hrs	11.14	11.14	0.83	1.00	9.88	2.50	2.50	0.15	0.15	0.25	0.00	0.00	0
554	☐	216	3.50	107.50	1.14	93.75	Backwater	0 - 10:07 hrs	9.74	11.41	0.87	1.00	13.75	4.87	3.50	0.30	0.30	0.38	0.00	0.00	1
555	☐	217	3.50	78.39	0.61	93.74	ceeds Capac	0 - 10:07 hrs	9.74	9.74	1.20	1.00	-15.35	4.87	3.50	0.39	0.39	0.71	0.24	0.25	0
556	☐	218	4.50	102.35	0.27	122.82	ceeds Capac	0 - 10:00 hrs	7.72	7.72	1.20	1.00	-20.47	6.21	4.50	0.49	0.49	0.53	0.23	0.21	1
557	☐	219	5.00	71.37	0.08	122.93	ceeds Capac	0 - 10:00 hrs	6.26	6.26	1.72	1.00	-51.56	6.19	5.00	0.47	0.47	0.47	0.45	0.34	2
558	☐	22	2.00	12.80	0.32	10.97	Backwater	0 - 09:47 hrs	3.49	3.49	0.86	1.00	1.83	1.39	1.94	6.99	6.99	23.89	0.00	0.00	7
559	☐	220	5.00	94.30	0.13	174.14	ceeds Capac	0 - 10:00 hrs	8.87	8.87	1.85	1.00	-79.84	9.97	5.00	0.45	0.47	0.45	0.56	0.45	1
560	☐	221	2.00	53.12	5.51	53.16	ceeds Capac	0 - 09:59 hrs	16.92	16.92	1.00	1.00	-0.04	3.80	2.00	0.70	0.70	23.79	0.00	0.02	0
561	☐	222	2.00	31.37	1.92	34.79	ceeds Capac	0 - 09:53 hrs	11.07	11.07	1.11	1.00	-3.42	2.84	2.00	0.59	0.59	0.62	0.27	0.27	1
562	☐	224	2.00	26.47	1.37	34.80	ceeds Capac	0 - 09:53 hrs	11.08	11.13	1.31	1.00	-8.34	2.84	2.00	0.61	0.62	0.73	0.62	0.58	0
563	☐	225	2.50	102.34	6.22	0.00	Free Surface	0 - 00:00 hrs	0.00	0.00	0.00	0.50	102.34	0.00	2.50	0.00	0.00	0.00	0.00	0.00	0
564	☐	226	2.50	29.61	0.52	12.11	Backwater	0 - 09:56 hrs	2.74	3.02	0.41	1.00	17.50	0.00	2.50	0.20	0.20	0.40	0.00	0.00	0
565	☐	227	2.50	38.38	0.88	12.12	Backwater	0 - 09:56 hrs	2.47	2.47	0.32	1.00	26.26	0.00	2.49	0.40	0.40	1.20	0.00	0.00	1
566	☐	228	5.50	156.36	0.22	236.16	ceeds Capac	0 - 10:03 hrs	9.94	9.94	1.51	1.00	-79.80	13.03	5.49	0.33	0.35	0.33	0.40	0.33	0
567	☐	229	2.00	37.17	2.70	45.28	ceeds Capac	0 - 09:59 hrs	14.41	14.41	1.22	1.00	-8.11	2.03	1.91	0.27	0.27	23.82	0.19	0.20	0
568	☐	23	4.00	87.35	0.37	17.72	Backwater	0 - 00:06 hrs	2.70	2.98	0.20	1.00	69.63	1.37	3.99	3.32	3.32	23.73	0.00	0.00	41
569	☐	230	5.50	83.06	0.06	280.40	ceeds Capac	0 - 10:03 hrs	11.80	11.80	3.38	1.00	-197.33	14.99	5.50	0.10	0.33	0.10	1.11	0.10	0
570	☐	231	2.25	25.36	0.67	20.87	Backwater	0 - 10:33 hrs	5.25	5.25	0.82	1.00	4.49	2.93	2.25	1.05	1.05	1.60	0.00	0.00	5
571	☐	232	2.00	10.58	0.22	16.01	ceeds Capac	0 - 09:51 hrs	5.10	5.10	1.51	1.00	-5.43	1.32	2.00	1.15	1.16	1.17	0.47	0.41	4
572	☐	233	2.00	2.29	0.01	9.65	ceeds Capac	0 - 10:00 hrs	3.07	3.07	4.22	1.00	-7.37	0.37	2.00	1.16	1.16	1.17	1.74	0.63	7
573	☐	234	2.00	20.77	0.84	15.95	Free Surface	0 - 09:59 hrs	5.20	5.75	0.77	0.94	4.82	0.65	2.00	0.00	0.00	0.80	0.00	0.00	0
574	☐	235	2.00	17.31	0.59	15.95	Backwater	0 - 09:59 hrs	5.08	5.08	0.92	1.00	1.36	0.65	2.00	0.94	0.94	1.07	0.00	0.01	3
575	☐	236	2.00	6.53	0.08	5.91	Backwater	0 - 10:03 hrs	1.88	1.88	0.91	1.00	0.62	0.03	2.00	1.53	1.53	1.71	0.00	0.01	6
576	☐	237	2.50	15.31	0.14	35.76	ceeds Capac	0 - 10:03 hrs	7.29	7.29	2.34	1.00	-20.45	4.42	2.50	1.38	1.51	1.38	2.53	1.38	7
577	☐	238	2.50	18.85	0.21	35.78	ceeds Capac	0 - 10:03 hrs	7.29	7.29	1.90	1.00	-16.93	4.42	2.50	1.47	1.50	1.47	1.86	1.38	8
578	☐	239	2.50	21.67	0.28	35.76	ceeds Capac	0 - 09:59 hrs	7.29	7.29	1.65	1.00	-14.10	4.42	2.50	1.46	1.47	1.46	1.58	1.43	7
579	☐	24	2.00	17.65	0.61	36.42	ceeds Capac	0 - 09:59 hrs	11.59	11.59	2.06	1.00	-18.77	3.00	0.78	23.94	23.94	23.99	1.00	0.99	71
580	☐	240	2.50	19.57	0.23	35.74	Free Surface	0 - 09:59 hrs	7.65	7.65	1.83	0.91	-16.17	4.42	2.50	0.00	1.46	0.00	1.78	0.00	3
581	☐	241	2.50	63.26	2.38	35.74	Free Surface	0 - 09:59 hrs	8.82	13.09	0.56	0.77	27.52	4.42	2.50	0.00	0.00	0.62	0.00	0.00	0
582	☐	243	2.50	56.11	1.87	35.75	Backwater	0 - 09:59 hrs	7.28	8.25	0.64	1.00	20.35	4.41	2.50	0.70	0.70	0.98	0.00	0.00	3
583	☐	244	2.50	19.43	0.22	37.22	ceeds Capac	0 - 09:52 hrs	7.58	7.58	1.92	1.00	-17.79	5.11	2.50	1.38	1.70	1.38	2.47	1.38	5
584	☐	245	2.25	23.55	0.58	23.18	Backwater	0 - 10:00 hrs	5.83	12.43	0.98	1.00	0.37	1.94	2.25	0.87	0.87	0.88	0.00	0.35	3
585	☐	246	2.00	25.01	1.22	23.17	Backwater	0 - 10:06 hrs	7.38	7.38	0.93	1.00	1.84	1.94	2.00	0.85	0.85	0.91	0.00	0.09	3
586	☐	247	2.00	12.19	0.29	16.16	ceeds Capac	0 - 09:49 hrs	5.14	5.14	1.33	1.00	-3.97	1.51	2.00	1.28	1.28	1.32	0.24	0.35	4
587	☐	248	2.00	13.54	0.36	23.17	ceeds Capac	0 - 09:57 hrs	7.38	7.38	1.71	1.00	-9.63	1.94	2.00	0.90	0.91	0.90	0.95	0.87	3
588	☐	249	2.00	10.28	0.21	16.13	ceeds Capac	0 - 09:49 hrs	5.13	5.13	1.57	1.00	-5.85	1.51	2.00	1.32	1.32	1.39	0.49	0.47	3

EXISTING CONDITIONS 20-YR 24-HR CONDUITS

		ID	Full Depth (ft)	Full Flow (cfs)	Percent Slope (%)	Maximum Flow (cfs)	Maximum Flow Class	Max.Flow Day-Time (day-time)	Velocity at Maximum Flow (ft/s)	Maximum Velocity (ft/s)	Max.Flow/Fu ll Flow	Max.Depth/F ull Depth	Reserve Capacity (cfs)	Total Flow Volume (MG)	Maximum Top Width (ft)	Both End Surcharge Time (hrs)	Upstream Surcharge Time (hrs)	Downstream Surcharge Time (hrs)	Above Full-Flow Time (hrs)	Capacity Limited Time (hrs)	Instability Index
589	☐	25	3.00	68.62	3.03	73.11	ceeds Capac	0 - 09:56 hrs	10.49	10.53	1.07	1.00	-4.49	6.86	3.00	0.26	0.26	0.36	0.31	0.26	0
590	☐	250	2.25	19.59	0.40	23.36	ceeds Capac	0 - 10:03 hrs	5.88	5.88	1.19	1.00	-3.77	2.52	2.25	0.99	0.99	1.07	0.60	0.60	4
591	☐	251	2.00	5.59	0.06	24.23	ceeds Capac	0 - 09:51 hrs	7.71	7.71	4.33	1.00	-18.64	2.28	2.00	0.92	1.46	0.92	4.00	0.92	4
592	☐	252	2.00	16.02	0.50	27.08	ceeds Capac	0 - 09:51 hrs	8.80	8.80	1.69	1.00	-11.05	1.69	2.00	0.93	0.97	0.93	0.40	0.40	3
593	☐	253	2.00	15.05	0.44	11.67	Backwater	0 - 09:51 hrs	3.71	8.02	0.78	1.00	3.38	0.24	2.00	0.93	0.93	0.94	0.00	0.25	4
594	☐	254	5.00	346.57	1.77	179.37	Backwater	0 - 00:00 hrs	9.54	9.54	0.52	1.00	167.20	4.39	2.61	0.00	0.00	24.00	0.00	0.00	0
595	☐	255	2.50	26.22	0.41	52.91	ceeds Capac	0 - 09:59 hrs	10.78	10.78	2.02	1.00	-26.69	4.38	1.07	23.89	23.89	23.99	1.20	1.20	4
596	☐	256	2.50	81.82	3.98	52.91	Free Surface	0 - 09:59 hrs	12.68	12.68	0.65	0.79	28.92	4.41	2.50	0.00	0.00	23.55	0.00	0.00	0
597	☐	257	2.50	22.36	0.30	53.01	Free Surface	0 - 09:59 hrs	10.92	10.92	2.37	0.97	-30.65	4.41	2.50	0.00	1.18	0.00	1.30	0.00	3
598	☐	258	2.50	30.11	0.54	53.02	ceeds Capac	0 - 09:59 hrs	10.80	10.80	1.76	1.00	-22.90	4.41	2.50	1.08	1.08	1.15	1.06	1.05	1
599	☐	259	2.25	16.81	0.29	19.65	ceeds Capac	0 - 10:27 hrs	4.94	5.39	1.17	1.00	-2.84	2.45	2.25	1.07	1.07	1.17	0.79	0.78	4
600	☐	26	1.50	6.08	0.45	9.62	Backwater	0 - 10:03 hrs	5.44	5.44	1.58	1.00	-3.54	0.37	1.50	1.36	1.36	1.37	0.38	0.35	4
601	☐	260	2.25	19.86	0.41	19.67	Backwater	0 - 10:27 hrs	4.95	5.53	0.99	1.00	0.20	2.45	2.25	1.21	1.21	1.32	0.00	0.10	4
602	☐	261	2.50	23.32	0.32	32.86	ceeds Capac	0 - 09:52 hrs	6.70	6.70	1.41	1.00	-9.54	2.95	2.50	1.06	1.06	1.08	0.86	0.82	1
603	☐	262	2.50	24.26	0.35	32.88	ceeds Capac	0 - 09:52 hrs	6.70	6.70	1.35	1.00	-8.61	2.96	2.50	1.05	1.06	1.08	0.81	0.78	1
604	☐	263	2.00	16.02	0.50	22.57	ceeds Capac	0 - 09:52 hrs	7.20	7.32	1.41	1.00	-6.55	1.67	2.00	0.87	0.93	0.87	0.38	0.24	0
605	☐	264	2.50	25.49	0.39	27.89	ceeds Capac	0 - 10:10 hrs	5.68	5.68	1.09	1.00	-2.39	3.16	2.50	1.34	1.34	1.48	0.63	0.63	2
606	☐	265	2.50	30.82	0.56	37.21	ceeds Capac	0 - 09:52 hrs	7.58	7.58	1.21	1.00	-6.38	5.30	2.50	1.48	1.48	1.70	1.32	1.30	1
607	☐	266	2.50	22.71	0.31	37.28	ceeds Capac	0 - 09:52 hrs	7.60	7.62	1.64	1.00	-14.57	5.11	2.50	1.06	1.38	1.06	1.88	1.05	6
608	☐	267	2.50	26.95	0.43	37.78	ceeds Capac	0 - 09:52 hrs	7.78	8.63	1.40	1.00	-10.84	5.11	2.50	1.00	1.35	1.00	1.55	0.74	5
609	☐	268	2.50	56.64	1.91	37.32	Backwater	0 - 10:59 hrs	9.58	9.66	0.66	1.00	19.32	5.11	2.50	1.00	1.00	1.03	0.00	0.15	5
610	☐	269	2.50	33.18	0.65	35.25	ceeds Capac	0 - 10:53 hrs	7.23	7.77	1.06	1.00	-2.07	5.11	2.50	1.02	1.03	1.07	0.16	0.06	4
611	☐	27	2.00	32.14	2.02	28.05	Backwater	0 - 09:59 hrs	9.74	10.39	0.87	1.00	4.09	1.53	2.00	0.03	0.03	0.17	0.00	0.00	0
612	☐	270	2.50	38.91	0.90	44.89	ceeds Capac	0 - 09:52 hrs	9.14	9.18	1.15	1.00	-5.98	6.03	2.50	1.04	1.07	1.12	0.19	0.09	3
613	☐	271	2.50	37.73	0.85	44.98	ceeds Capac	0 - 09:52 hrs	9.22	9.22	1.19	1.00	-7.26	6.03	2.50	1.00	1.12	1.00	0.40	0.27	3
614	☐	272	2.50	37.36	0.83	40.67	ceeds Capac	0 - 09:52 hrs	8.28	8.63	1.09	1.00	-3.30	6.03	2.50	0.99	1.18	1.00	0.46	0.19	2
615	☐	273	2.50	17.63	0.18	25.35	Backwater	0 - 00:03 hrs	5.48	5.54	1.44	1.00	-7.71	2.34	2.40	23.94	23.94	23.94	0.01	0.00	76
616	☐	274	2.00	7.11	0.10	11.05	ceeds Capac	0 - 00:08 hrs	3.53	3.53	1.55	1.00	-3.94	2.53	1.99	23.86	23.86	23.88	4.44	4.62	71
617	☐	275	4.50	89.91	0.21	51.79	Backwater	0 - 10:15 hrs	3.26	5.94	0.58	1.00	38.13	8.28	4.50	1.05	1.05	1.14	0.00	0.00	3
618	☐	276	6.00	134.48	0.10	360.97	Backwater	0 - 00:00 hrs	12.78	12.78	2.68	1.00	-226.49	5.28	2.35	23.99	23.99	24.00	0.07	0.01	68
619	☐	277	5.00	130.84	0.25	201.89	Backwater	0 - 00:02 hrs	10.38	10.75	1.54	1.00	-71.05	7.52	1.96	23.96	23.96	23.99	0.05	0.00	59
620	☐	278	3.00	81.85	1.51	68.50	Free Surface	0 - 10:00 hrs	10.05	12.80	0.84	0.92	13.35	7.31	3.00	0.00	0.00	0.33	0.00	0.00	0
621	☐	279	3.00	76.61	1.32	81.74	ceeds Capac	0 - 09:56 hrs	11.56	11.56	1.07	1.00	-5.13	8.72	3.00	0.58	0.58	0.67	0.44	0.43	2
622	☐	28	3.00	33.61	0.73	13.26	Free Surface	0 - 09:59 hrs	4.43	4.43	0.39	0.44	20.35	0.55	2.98	0.00	0.00	0.00	0.00	0.00	0
623	☐	280	2.50	10.20	0.06	21.09	Free Surface	0 - 10:10 hrs	4.94	4.94	2.07	0.81	-10.90	2.72	2.50	0.00	1.28	0.00	2.26	0.00	0
624	☐	281	2.50	22.15	0.29	22.15	Backwater	0 - 10:25 hrs	4.51	4.51	1.00	1.00	0.00	2.23	2.50	1.22	1.22	1.28	0.00	0.05	2
625	☐	282	2.50	21.76	0.28	30.22	ceeds Capac	0 - 09:59 hrs	6.16	6.16	1.39	1.00	-8.45	2.32	2.50	1.10	1.10	1.22	0.59	0.61	5
626	☐	283	2.50	28.13	0.47	22.89	Backwater	0 - 10:17 hrs	4.66	4.66	0.81	1.00	5.25	1.89	2.50	0.97	0.97	1.10	0.00	0.00	4
627	☐	284	3.00	92.97	1.94	21.09	Free Surface	0 - 10:00 hrs	6.78	7.62	0.23	0.46	71.87	2.71	2.99	0.00	0.00	0.00	0.00	0.00	0
628	☐	285	3.50	53.00	0.28	57.47	ceeds Capac	0 - 09:59 hrs	5.97	6.06	1.08	1.00	-4.47	5.29	1.37	23.96	23.96	24.00	0.54	0.54	7
629	☐	286	3.00	38.65	0.34	47.55	ceeds Capac	0 - 09:59 hrs	6.73	6.73	1.23	1.00	-8.90	3.73	3.00	0.70	0.70	0.73	0.51	0.51	3
630	☐	287	2.00	18.26	0.65	14.01	Backwater	0 - 10:29 hrs	4.46	4.46	0.77	1.00	4.25	1.61	2.00	1.11	1.11	1.38	0.00	0.00	10
631	☐	288	2.00	15.17	0.45	14.00	Backwater	0 - 10:29 hrs	4.46	4.46	0.92	1.00	1.17	1.61	2.00	0.90	0.90	1.11	0.00	0.01	6
632	☐	289	2.75	53.30	1.02	40.61	Backwater	0 - 00:01 hrs	7.69	7.69	0.76	1.00	12.69	1.60	2.01	23.97	23.97	23.97	0.00	0.00	54
633	☐	29	3.00	30.53	0.60	12.82	Free Surface	0 - 10:04 hrs	4.15	4.20	0.42	0.45	17.71	0.55	2.99	0.00	0.00	0.00	0.00	0.00	0
634	☐	290	2.00	26.53	1.38	6.97	Backwater	0 - 09:59 hrs	2.22	2.22	0.26	1.00	19.56	0.02	2.00	0.92	0.92	2.55	0.00	0.00	5
635	☐	291	3.00	30.57	0.21	22.22	Backwater	0 - 10:04 hrs	3.14	3.46	0.73	1.00	8.35	2.92	3.00	1.18	1.18	1.29	0.00	0.00	1
636	☐	292	3.00	30.61	0.21	26.05	Backwater	0 - 09:48 hrs	4.08	4.68	0.85	1.00	4.56	2.90	3.00	1.07	1.07	1.18	0.00	0.00	0
637	☐	294	5.50	180.50	0.29	227.07	ceeds Capac	0 - 09:52 hrs	9.61	9.61	1.26	1.00	-46.58	40.91	5.50	1.93	1.94	1.94	1.92	1.68	7

EXISTING CONDITIONS 20-YR 24-HR CONDUITS

		ID	Full Depth (ft)	Full Flow (cfs)	Percent Slope (%)	Maximum Flow (cfs)	Maximum Flow Class	Max.Flow Day-Time (day-time)	Velocity at Maximum Flow (ft/s)	Maximum Velocity (ft/s)	Max.Flow/Fu ll Flow	Max.Depth/F ull Depth	Reserve Capacity (cfs)	Total Flow Volume (MG)	Maximum Top Width (ft)	Both End Surcharge Time (hrs)	Upstream Surcharge Time (hrs)	Downstream Surcharge Time (hrs)	Above Full-Flow Time (hrs)	Capacity Limited Time (hrs)	Instability Index
638	☐	295	4.00	66.66	0.22	91.54	ceeds Capac	0 - 09:56 hrs	7.28	7.28	1.37	1.00	-24.89	6.95	4.00	4.56	4.56	4.71	0.50	0.56	22
639	☐	296	3.00	55.43	0.69	65.10	ceeds Capac	0 - 09:55 hrs	9.21	9.21	1.17	1.00	-9.67	4.69	3.00	0.44	0.44	0.45	0.20	0.17	0
640	☐	297	4.50	75.58	0.15	73.37	Backwater	0 - 09:52 hrs	6.21	7.18	0.97	1.00	2.22	11.18	4.50	1.64	1.64	1.67	0.00	0.38	8
641	☐	298	3.50	88.51	0.77	60.85	Backwater	0 - 09:59 hrs	6.32	6.32	0.69	1.00	27.66	2.42	3.50	1.34	1.34	1.57	0.00	0.00	5
642	☐	299	3.50	42.16	0.18	48.80	Backwater	0 - 09:55 hrs	6.30	6.85	1.16	1.00	-6.64	7.99	3.50	1.01	1.01	1.05	0.14	0.01	4
643	☐	30	3.00	47.16	0.50	45.96	Free Surface	0 - 10:02 hrs	7.66	7.79	0.97	0.90	1.20	7.32	2.98	0.00	0.00	0.04	0.00	0.00	0
644	☐	300	3.50	81.62	0.66	45.98	Backwater	0 - 09:53 hrs	5.80	6.73	0.56	1.00	35.65	7.97	3.50	1.05	1.05	1.57	0.00	0.00	4
645	☐	301	4.50	90.16	0.21	76.03	Backwater	0 - 09:53 hrs	5.59	6.44	0.84	1.00	14.13	10.16	4.50	1.39	1.39	1.48	0.00	0.00	6
646	☐	302	4.50	99.35	0.26	73.60	Backwater	0 - 09:52 hrs	5.30	5.90	0.74	1.00	25.75	10.14	4.50	1.48	1.48	1.57	0.00	0.00	6
647	☐	303	4.50	75.51	0.15	71.79	Backwater	0 - 09:52 hrs	5.01	5.79	0.95	1.00	3.72	10.55	4.50	1.58	1.58	1.64	0.00	0.01	6
648	☐	304	4.00	14.36	0.01	60.93	ceeds Capac	0 - 09:59 hrs	4.85	6.38	4.24	1.00	-46.56	2.43	4.00	1.25	1.25	1.26	0.95	0.64	7
649	☐	305	3.50	67.92	0.46	60.96	Backwater	0 - 10:15 hrs	6.40	6.69	0.90	1.00	6.96	7.26	3.50	0.24	0.24	0.33	0.00	0.00	0
650	☐	306	2.50	34.84	0.72	84.61	ceeds Capac	0 - 09:59 hrs	17.24	17.24	2.43	1.00	-49.77	7.19	2.50	1.74	1.74	1.87	1.02	1.05	4
651	☐	307	2.50	34.80	0.72	33.56	Backwater	0 - 09:57 hrs	6.84	6.84	0.96	1.00	1.24	5.26	2.50	1.35	1.35	1.74	0.00	0.00	5
652	☐	308	2.50	34.81	0.72	33.55	Backwater	0 - 09:57 hrs	6.84	7.86	0.96	1.00	1.25	5.26	2.50	1.05	1.05	1.35	0.00	0.00	3
653	☐	309	2.00	19.19	0.72	22.22	ceeds Capac	0 - 09:48 hrs	7.07	7.15	1.16	1.00	-3.03	4.05	2.00	1.15	1.16	1.20	0.17	0.07	2
654	☐	31	2.00	38.11	2.84	60.64	Free Surface	0 - 10:10 hrs	36.36	36.36	1.59	0.55	-22.53	0.46	1.99	0.00	0.00	0.00	0.00	0.00	0
655	☐	310	2.00	19.20	0.72	22.22	ceeds Capac	0 - 09:48 hrs	7.07	7.07	1.16	1.00	-3.02	4.05	2.00	1.09	1.10	1.16	0.15	0.09	2
656	☐	311	3.00	39.31	0.35	34.96	Backwater	0 - 09:59 hrs	4.95	5.96	0.89	1.00	4.35	4.16	3.00	1.23	1.23	1.37	0.00	0.01	4
657	☐	312	3.00	32.26	0.23	26.97	Backwater	0 - 09:49 hrs	4.27	5.26	0.84	1.00	5.29	3.78	3.00	1.10	1.10	1.23	0.00	0.00	4
658	☐	313	3.00	31.49	0.22	31.65	Backwater	0 - 09:49 hrs	5.28	5.32	1.01	1.00	-0.17	3.78	3.00	1.03	1.03	1.10	0.00	0.00	5
659	☐	314	2.50	92.75	5.11	116.18	ceeds Capac	0 - 09:59 hrs	23.67	23.67	1.25	1.00	-23.43	6.69	2.50	0.20	0.20	0.24	0.24	0.20	0
660	☐	315	2.50	40.85	0.99	31.24	Backwater	0 - 10:22 hrs	6.36	6.76	0.76	1.00	9.61	2.73	2.50	0.70	0.70	0.75	0.00	0.02	1
661	☐	316	2.25	22.68	0.54	35.71	ceeds Capac	0 - 10:00 hrs	8.98	8.98	1.57	1.00	-13.03	2.29	2.25	0.38	0.41	0.38	0.46	0.38	0
662	☐	317	2.25	23.82	0.59	27.12	ceeds Capac	0 - 10:04 hrs	6.82	6.82	1.14	1.00	-3.30	1.86	2.25	0.38	0.38	0.41	0.32	0.32	1
663	☐	318	6.50	235.08	0.20	285.20	ceeds Capac	0 - 10:03 hrs	8.59	8.59	1.21	1.00	-50.13	24.26	6.50	0.56	0.56	0.60	0.29	0.28	2
664	☐	319	7.00	498.96	0.61	466.87	Backwater	0 - 10:03 hrs	12.13	12.13	0.94	1.00	32.10	68.32	6.95	0.13	0.13	6.42	0.00	0.00	0
665	☐	32	2.50	34.62	0.71	24.56	Backwater	0 - 10:47 hrs	5.00	5.00	0.71	1.00	10.06	6.71	2.25	5.53	5.53	8.55	0.00	0.00	19
666	☐	320	6.50	1,324.50	6.38	425.75	Free Surface	0 - 10:03 hrs	17.30	20.53	0.32	0.69	898.75	66.53	6.50	0.00	0.00	0.22	0.00	0.00	0
667	☐	323	6.50	906.48	2.99	425.85	Free Surface	0 - 10:03 hrs	21.36	22.05	0.47	0.58	480.64	66.54	6.50	0.00	0.00	0.00	0.00	0.00	0
668	☐	327	6.50	389.40	0.55	440.14	ceeds Capac	0 - 10:00 hrs	13.55	13.55	1.13	1.00	-50.74	66.51	6.50	0.20	0.37	0.20	0.64	0.20	0
669	☐	33	1.50	7.34	0.65	11.38	Free Surface	0 - 09:57 hrs	6.65	6.65	1.55	0.93	-4.04	0.46	1.50	0.00	0.00	0.19	0.28	0.00	0
670	☐	331	6.50	416.85	0.63	445.94	ceeds Capac	0 - 09:59 hrs	13.74	14.41	1.07	1.00	-29.09	66.63	6.50	0.33	0.33	0.37	0.23	0.15	0
671	☐	332	3.00	41.29	0.38	39.93	Backwater	0 - 10:22 hrs	5.65	6.49	0.97	1.00	1.36	4.99	3.00	1.22	1.22	1.36	0.00	0.10	5
672	☐	333	2.50	4.10	0.01	34.86	Backwater	0 - 09:59 hrs	7.10	7.10	8.50	1.00	-30.75	7.53	2.50	4.31	4.31	5.08	21.76	0.00	19
673	☐	334	2.50	18.09	0.19	34.87	Backwater	0 - 09:59 hrs	7.10	7.10	1.93	1.00	-16.77	7.54	2.50	4.92	4.92	5.01	4.81	0.20	22
674	☐	335	2.50	4.10	0.01	18.12	Backwater	0 - 10:14 hrs	3.69	3.69	4.42	1.00	-14.01	1.33	2.50	20.79	20.79	20.80	2.38	5.99	74
675	☐	336	4.00	27.11	0.04	61.40	ceeds Capac	0 - 10:27 hrs	4.89	5.82	2.26	1.00	-34.29	8.77	4.00	1.29	1.30	1.29	2.52	1.05	6
676	☐	337	3.50	40.29	0.16	28.79	Backwater	0 - 10:56 hrs	2.99	3.18	0.71	1.00	11.49	4.93	3.48	23.76	23.76	23.77	0.00	0.10	90
677	☐	338	2.50	16.69	0.17	19.33	ceeds Capac	0 - 10:06 hrs	3.94	4.26	1.16	1.00	-2.65	2.29	2.50	3.36	3.36	3.59	0.77	1.03	18
678	☐	339	4.50	76.04	0.15	170.27	Backwater	0 - 10:03 hrs	10.71	10.71	2.24	1.00	-94.23	1.59	4.50	1.49	1.49	1.51	0.37	0.10	5
679	☐	34	3.00	17.48	0.07	28.46	ceeds Capac	0 - 00:15 hrs	4.04	4.23	1.63	1.00	-10.98	2.94	3.00	23.74	23.74	23.78	0.79	0.64	61
680	☐	340	3.00	37.05	0.31	47.54	ceeds Capac	0 - 09:59 hrs	6.73	6.73	1.28	1.00	-10.49	3.73	3.00	0.64	0.64	0.70	0.56	0.54	2
681	☐	341	2.25	31.37	1.03	21.12	Backwater	0 - 10:17 hrs	5.31	6.31	0.67	1.00	10.26	1.64	2.25	0.68	0.68	0.71	0.00	0.09	1
682	☐	342	4.00	87.19	1.06	178.74	Free Surface	0 - 10:04 hrs	14.36	14.36	2.05	0.97	-91.55	11.83	4.00	0.00	0.43	0.00	0.72	0.00	0
683	☐	343	3.00	60.48	0.82	76.71	ceeds Capac	0 - 09:57 hrs	10.89	10.89	1.27	1.00	-16.23	6.86	3.00	0.26	0.36	0.26	0.47	0.26	0
684	☐	344	3.00	48.98	0.54	47.30	Backwater	0 - 09:55 hrs	7.10	7.47	0.97	1.00	1.68	5.16	3.00	0.28	0.28	0.36	0.00	0.00	0
685	☐	345	3.00	53.10	0.63	32.72	Free Surface	0 - 10:00 hrs	5.04	6.14	0.62	0.87	20.38	3.17	3.00	0.00	0.00	0.28	0.00	0.00	0
686	☐	347	5.00	163.50	1.13	202.98	Free Surface	0 - 09:59 hrs	12.94	12.94	1.24	0.75	-39.49	19.12	5.00	0.00	0.52	0.00	0.59	0.00	0

EXISTING CONDITIONS 20-YR 24-HR CONDUITS

		ID	Full Depth (ft)	Full Flow (cfs)	Percent Slope (%)	Maximum Flow (cfs)	Maximum Flow Class	Max.Flow Day-Time (day-time)	Velocity at Maximum Flow (ft/s)	Maximum Velocity (ft/s)	Max.Flow/Fu ll Flow	Max.Depth/F ull Depth	Reserve Capacity (cfs)	Total Flow Volume (MG)	Maximum Top Width (ft)	Both End Surcharge Time (hrs)	Upstream Surcharge Time (hrs)	Downstream Surcharge Time (hrs)	Above Full-Flow Time (hrs)	Capacity Limited Time (hrs)	Instability Index
687	☐	348	3.50	55.39	0.87	79.09	ceeds Capac	0 - 09:53 hrs	8.27	8.29	1.43	1.00	-23.71	7.92	3.50	0.64	0.76	0.64	0.96	0.64	2
688	☐	349	2.25	29.68	0.92	39.55	ceeds Capac	0 - 09:52 hrs	10.04	10.04	1.33	1.00	-9.86	4.37	2.25	0.65	0.94	0.65	1.03	0.65	2
689	☐	35	4.50	82.26	0.18	91.20	ceeds Capac	0 - 09:59 hrs	5.73	5.73	1.11	1.00	-8.94	16.63	4.50	15.47	15.47	16.02	0.35	0.42	54
690	☐	350	1.50	14.96	2.70	7.40	Backwater	0 - 09:52 hrs	4.36	4.37	0.49	1.00	7.56	0.00	1.50	0.85	0.85	0.96	0.00	0.00	7
691	☐	351	3.50	57.28	0.93	79.09	ceeds Capac	0 - 09:53 hrs	8.22	8.22	1.38	1.00	-21.81	7.94	3.50	0.76	0.85	0.76	0.93	0.76	1
692	☐	352	3.50	96.03	0.91	104.61	ceeds Capac	0 - 10:06 hrs	10.87	10.87	1.09	1.00	-8.58	8.25	3.50	0.85	0.85	0.86	0.22	0.27	1
693	☐	353	4.50	152.34	0.60	166.37	ceeds Capac	0 - 10:06 hrs	10.46	10.46	1.09	1.00	-14.02	17.57	4.50	0.55	0.55	0.70	0.45	0.42	0
694	☐	354	3.50	84.00	2.00	81.34	Backwater	0 - 09:52 hrs	8.52	8.52	0.97	1.00	2.66	7.89	3.50	0.64	0.64	0.67	0.00	0.03	2
695	☐	355	3.50	50.22	0.25	57.47	ceeds Capac	0 - 09:59 hrs	5.97	6.14	1.14	1.00	-7.25	5.31	3.46	1.55	1.55	23.96	0.59	0.58	7
696	☐	356	3.50	85.20	0.72	57.48	Backwater	0 - 09:59 hrs	5.97	5.97	0.67	1.00	27.72	5.31	3.36	1.25	1.27	1.55	0.00	0.08	12
697	☐	357	3.50	68.50	0.46	46.71	Backwater	0 - 10:22 hrs	4.86	4.86	0.68	1.00	21.79	4.41	3.47	0.96	0.96	1.27	0.00	0.00	12
698	☐	358	3.00	50.05	0.56	46.72	Backwater	0 - 10:22 hrs	6.61	6.61	0.93	1.00	3.33	4.41	2.99	0.92	0.92	0.99	0.00	0.09	8
699	☐	359	3.00	30.13	0.20	50.01	ceeds Capac	0 - 09:59 hrs	7.08	7.08	1.66	1.00	-19.89	4.51	3.00	0.92	0.93	0.92	0.95	0.91	7
700	☐	360	3.00	13.51	0.04	50.05	ceeds Capac	0 - 09:59 hrs	7.08	7.08	3.71	1.00	-36.55	4.52	3.00	0.87	0.94	0.87	2.45	0.87	6
701	☐	361	3.00	18.72	0.08	50.04	ceeds Capac	0 - 09:59 hrs	7.08	7.08	2.67	1.00	-31.32	4.52	3.00	0.88	0.89	0.88	1.48	0.79	6
702	☐	362	3.00	33.26	0.25	50.06	ceeds Capac	0 - 09:59 hrs	7.08	7.08	1.51	1.00	-16.80	4.52	3.00	0.89	0.89	0.89	0.85	0.80	4
703	☐	363	3.00	48.85	0.54	38.75	Backwater	0 - 10:22 hrs	5.48	5.48	0.79	1.00	10.10	3.57	3.00	0.73	0.73	0.89	0.00	0.00	3
704	☐	364	2.25	19.82	0.41	21.12	ceeds Capac	0 - 10:17 hrs	5.31	5.31	1.07	1.00	-1.30	1.64	2.25	0.71	0.71	0.72	0.05	0.28	1
705	☐	365	3.00	59.70	0.80	47.53	Backwater	0 - 09:59 hrs	6.72	7.29	0.80	1.00	12.17	3.73	3.00	0.61	0.61	0.64	0.00	0.09	2
706	☐	366	2.25	31.61	1.04	31.93	ceeds Capac	0 - 10:03 hrs	8.03	8.44	1.01	1.00	-0.32	1.85	2.25	0.46	0.46	0.68	0.20	0.21	0
707	☐	367	2.00	35.55	2.47	39.73	ceeds Capac	0 - 10:03 hrs	12.65	12.65	1.12	1.00	-4.18	1.88	2.00	0.26	0.26	0.47	0.15	0.15	0
708	☐	368	2.00	4.64	0.12	0.00	Backwater	0 - 00:00 hrs	0.00	0.00	0.00	1.00	4.64	0.00	0.78	13.98	13.98	24.00	0.00	0.00	0
709	☐	37	3.50	46.74	0.22	24.57	Backwater	0 - 09:41 hrs	2.55	2.83	0.53	1.00	22.17	8.08	3.50	20.22	20.22	20.56	0.00	0.00	20
710	☐	370	5.00	99.99	0.42	371.05	ceeds Capac	0 - 10:03 hrs	18.90	18.90	3.71	1.00	-271.05	30.95	5.00	14.27	14.30	14.27	2.43	2.63	69
711	☐	372	3.00	91.62	1.89	98.87	ceeds Capac	0 - 09:59 hrs	13.99	13.99	1.08	1.00	-7.25	9.42	3.00	14.10	14.10	14.65	0.27	0.28	60
712	☐	373	3.00	102.13	2.34	98.87	Backwater	0 - 09:59 hrs	13.99	16.05	0.97	1.00	3.26	9.43	3.00	1.16	1.16	14.10	0.00	0.00	60
713	☐	374	3.00	94.52	2.01	8.48	Backwater	0 - 09:56 hrs	1.42	1.77	0.09	1.00	86.04	0.00	3.00	0.21	0.21	1.03	0.00	0.00	2
714	☐	375	3.00	83.84	1.58	98.79	ceeds Capac	0 - 09:59 hrs	13.98	14.37	1.18	1.00	-14.95	9.44	3.00	0.66	0.66	0.97	0.43	0.41	2
715	☐	376	3.00	76.52	1.32	98.78	ceeds Capac	0 - 09:59 hrs	13.97	13.97	1.29	1.00	-22.26	9.45	3.00	0.62	0.64	0.64	0.60	0.55	2
716	☐	377	3.00	59.36	0.79	81.73	ceeds Capac	0 - 09:56 hrs	11.56	11.56	1.38	1.00	-22.37	8.72	3.00	0.63	0.67	0.63	0.81	0.63	2
717	☐	378	2.00	70.66	9.76	32.54	Backwater	0 - 09:59 hrs	10.36	11.36	0.46	1.00	38.12	1.54	2.00	0.24	0.24	0.78	0.00	0.00	0
718	☐	379	2.00	37.37	2.73	32.54	Free Surface	0 - 09:59 hrs	10.72	13.34	0.87	0.95	4.83	1.54	2.00	0.00	0.00	0.17	0.00	0.00	0
719	☐	38	6.00	182.12	0.18	146.20	Backwater	0 - 09:59 hrs	5.17	5.17	0.80	1.00	35.91	9.09	5.68	20.57	20.57	24.00	0.00	0.00	8
720	☐	380	3.00	76.52	1.32	62.73	Backwater	0 - 10:18 hrs	8.87	10.64	0.82	1.00	13.79	7.19	3.00	0.53	0.53	0.58	0.00	0.00	1
721	☐	381	3.00	49.13	0.54	63.88	ceeds Capac	0 - 09:55 hrs	9.19	9.25	1.30	1.00	-14.75	7.19	3.00	0.52	0.55	0.52	0.65	0.43	1
722	☐	382	3.00	62.05	0.87	63.51	ceeds Capac	0 - 09:55 hrs	9.27	9.27	1.02	1.00	-1.46	7.23	3.00	0.49	0.49	0.55	0.07	0.05	1
723	☐	383	3.00	85.38	1.64	68.52	Backwater	0 - 10:00 hrs	9.69	11.40	0.80	1.00	16.86	7.31	3.00	0.42	0.42	0.49	0.00	0.00	1
724	☐	384	3.00	104.54	2.46	68.51	Backwater	0 - 10:00 hrs	9.69	15.03	0.66	1.00	36.03	7.30	3.00	0.32	0.32	0.40	0.00	0.00	1
725	☐	385	3.00	50.03	0.56	32.52	Free Surface	0 - 09:57 hrs	7.45	7.46	0.65	0.66	17.52	3.17	3.00	0.00	0.00	0.00	0.00	0.00	0
726	☐	39	3.50	48.16	0.23	74.48	ceeds Capac	0 - 09:59 hrs	7.74	7.74	1.55	1.00	-26.32	3.94	3.50	0.61	0.61	0.70	0.27	0.28	1
727	☐	390	1.25	2.03	0.13	6.10	ceeds Capac	0 - 09:41 hrs	5.04	5.04	3.00	1.00	-4.06	1.14	1.25	1.43	4.52	1.43	6.35	1.43	10
728	☐	391	2.25	17.40	0.32	24.02	ceeds Capac	0 - 10:03 hrs	6.04	6.04	1.38	1.00	-6.62	1.92	2.25	0.65	0.65	0.67	0.62	0.60	2
729	☐	392	2.50	29.40	0.51	24.00	Backwater	0 - 10:03 hrs	4.89	5.09	0.82	1.00	5.40	1.92	2.50	0.61	0.61	0.97	0.00	0.00	2
730	☐	393	2.00	11.57	0.26	11.20	Backwater	0 - 09:59 hrs	3.56	3.56	0.97	1.00	0.37	0.44	2.00	1.03	1.03	1.31	0.00	0.03	3
731	☐	394	2.25	13.41	0.19	24.00	ceeds Capac	0 - 10:03 hrs	6.04	6.04	1.79	1.00	-10.59	1.92	2.25	0.65	0.66	0.65	0.89	0.65	1
732	☐	395	2.00	14.37	0.40	23.12	ceeds Capac	0 - 09:59 hrs	7.36	7.36	1.61	1.00	-8.75	1.03	2.00	0.73	0.73	1.40	0.30	0.31	2
733	☐	396	4.00	142.14	0.98	50.45	Free Surface	0 - 10:04 hrs	10.41	10.41	0.35	0.41	91.69	2.33	3.93	0.00	0.00	0.00	0.00	0.00	0
734	☐	397	4.00	76.44	0.81	72.86	Free Surface	0 - 09:57 hrs	8.14	8.23	0.95	0.67	3.58	6.86	4.00	0.00	0.00	0.00	0.00	0.00	0
735	☐	398	4.00	210.07	2.14	124.99	Free Surface	0 - 10:04 hrs	11.92	11.92	0.59	0.78	85.08	9.40	4.00	0.00	0.00	0.43	0.00	0.00	0

EXISTING CONDITIONS 20-YR 24-HR CONDUITS

		ID	Full Depth (ft)	Full Flow (cfs)	Percent Slope (%)	Maximum Flow (cfs)	Maximum Flow Class	Max.Flow Day-Time (day-time)	Velocity at Maximum Flow (ft/s)	Maximum Velocity (ft/s)	Max.Flow/Fu ll Flow	Max.Depth/F ull Depth	Reserve Capacity (cfs)	Total Flow Volume (MG)	Maximum Top Width (ft)	Both End Surcharge Time (hrs)	Upstream Surcharge Time (hrs)	Downstream Surcharge Time (hrs)	Above Full-Flow Time (hrs)	Capacity Limited Time (hrs)	Instability Index
736	☐	399	4.00	152.58	1.13	50.21	Free Surface	0 - 10:04 hrs	10.88	10.88	0.33	0.39	102.37	2.33	4.00	0.00	0.00	0.00	0.00	0.00	0
737	☐	4	3.50	17.13	0.03	147.21	ceeds Capac	0 - 00:00 hrs	15.31	15.31	8.60	1.00	-130.09	7.85	1.37	23.99	23.99	24.00	4.27	5.80	79
738	☐	40	4.50	118.51	0.36	133.22	ceeds Capac	0 - 09:53 hrs	8.38	8.87	1.12	1.00	-14.72	32.94	4.50	2.76	2.76	3.06	0.02	0.03	6
739	☐	400	2.00	25.79	1.30	27.92	Free Surface	0 - 09:59 hrs	9.70	9.70	1.08	0.86	-2.12	1.18	2.00	0.00	0.00	0.00	0.06	0.00	0
740	☐	401	2.00	31.16	1.90	28.22	Free Surface	0 - 09:59 hrs	10.49	10.52	0.91	0.80	2.94	1.25	2.00	0.00	0.00	0.00	0.00	0.00	0
741	☐	402	2.00	37.59	2.76	28.30	Free Surface	0 - 09:59 hrs	13.14	13.14	0.75	0.65	9.29	1.25	2.00	0.00	0.00	0.00	0.00	0.00	0
742	☐	403	2.00	35.69	2.49	27.85	Free Surface	0 - 09:59 hrs	10.75	10.75	0.78	0.77	7.84	1.25	2.00	0.00	0.00	0.00	0.00	0.00	0
743	☐	404	2.25	41.01	1.75	1.09	Backwater	0 - 09:52 hrs	0.27	0.27	0.03	1.00	39.92	0.00	2.25	2.30	2.30	4.35	0.00	0.00	15
744	☐	405	2.25	24.41	0.62	35.55	ceeds Capac	0 - 09:52 hrs	8.94	8.94	1.46	1.00	-11.15	3.63	2.25	7.80	7.80	10.27	0.94	0.83	27
745	☐	406	4.00	93.22	0.42	177.40	ceeds Capac	0 - 09:52 hrs	14.12	14.12	1.90	1.00	-84.18	28.94	4.00	1.92	1.98	1.92	2.84	1.91	8
746	☐	407	4.50	109.82	0.31	177.43	ceeds Capac	0 - 09:52 hrs	11.16	11.16	1.62	1.00	-67.61	28.93	4.50	1.79	1.81	1.79	2.10	1.78	8
747	☐	408	4.50	147.35	0.56	177.59	ceeds Capac	0 - 09:52 hrs	11.17	11.17	1.21	1.00	-30.23	28.93	4.50	1.82	1.82	1.86	0.07	0.20	8
748	☐	409	5.00	77.24	0.09	178.36	ceeds Capac	0 - 09:52 hrs	9.10	9.14	2.31	1.00	-101.12	28.92	5.00	1.74	1.77	1.74	3.99	1.69	9
749	☐	41	5.00	152.20	0.34	184.34	ceeds Capac	0 - 09:52 hrs	9.39	9.76	1.21	1.00	-32.14	39.27	5.00	1.12	1.20	1.12	2.96	1.12	5
750	☐	410	5.00	176.19	0.46	177.71	ceeds Capac	0 - 09:52 hrs	9.05	9.10	1.01	1.00	-1.52	28.92	5.00	1.74	1.74	1.79	0.01	0.02	8
751	☐	411	5.50	215.45	0.41	231.45	ceeds Capac	0 - 09:52 hrs	9.86	10.72	1.07	1.00	-16.00	40.91	5.50	1.75	1.75	1.92	0.04	0.07	9
752	☐	412	5.50	310.04	0.85	232.80	Backwater	0 - 09:52 hrs	9.97	10.73	0.75	1.00	77.24	40.92	5.50	1.92	1.92	1.94	0.00	0.39	9
753	☐	413	5.50	184.15	0.30	212.91	ceeds Capac	0 - 09:59 hrs	8.96	9.00	1.16	1.00	-28.77	40.89	5.50	1.94	1.94	1.98	1.44	1.41	7
754	☐	414	2.00	31.58	5.58	15.04	Backwater	0 - 09:59 hrs	4.79	4.79	0.48	1.00	16.54	0.62	2.00	1.38	1.38	3.14	0.00	0.00	7
755	☐	415	2.00	9.34	0.49	15.04	ceeds Capac	0 - 09:59 hrs	4.79	5.07	1.61	1.00	-5.70	0.62	2.00	1.36	1.36	1.38	0.28	0.30	7
756	☐	416	4.00	115.59	0.55	128.57	ceeds Capac	0 - 09:59 hrs	10.23	10.23	1.11	1.00	-12.98	8.51	3.99	5.50	5.50	5.85	0.15	0.14	20
757	☐	417	4.00	25.10	0.03	128.62	ceeds Capac	0 - 09:59 hrs	10.24	10.24	5.12	1.00	-103.52	8.51	4.00	5.32	5.33	5.33	2.40	2.86	20
758	☐	418	4.50	136.92	0.48	196.30	ceeds Capac	0 - 09:52 hrs	12.34	12.34	1.43	1.00	-59.39	21.46	4.50	1.53	1.53	1.63	0.89	0.88	6
759	☐	419	2.00	29.93	1.75	118.56	ceeds Capac	0 - 14:23 hrs	65.73	68.91	3.96	1.00	-88.63	8.44	2.00	3.58	4.16	3.74	3.38	2.61	4
760	☐	42	4.00	50.70	0.12	95.56	ceeds Capac	0 - 12:27 hrs	7.60	7.97	1.88	1.00	-44.86	26.70	4.00	2.75	2.91	2.75	6.26	2.17	6
761	☐	420	3.00	95.63	2.06	63.49	Backwater	0 - 10:11 hrs	8.98	8.98	0.66	1.00	32.15	1.19	3.00	1.74	1.74	1.85	0.00	0.00	6
762	☐	421	3.00	132.41	3.94	64.02	Backwater	0 - 14:00 hrs	14.82	15.25	0.48	1.00	68.39	8.43	3.00	1.45	1.45	1.83	0.00	0.00	5
763	☐	422	4.50	135.52	0.47	177.48	ceeds Capac	0 - 09:52 hrs	11.16	11.16	1.31	1.00	-41.96	28.94	4.50	1.83	1.83	1.85	0.75	0.68	8
764	☐	423	4.50	147.25	0.56	173.58	ceeds Capac	0 - 09:52 hrs	10.91	10.91	1.18	1.00	-26.32	28.69	4.50	1.67	1.67	1.80	0.06	0.06	6
765	☐	424	4.50	144.21	0.54	70.01	Backwater	0 - 10:14 hrs	4.40	5.57	0.49	1.00	74.20	11.17	4.50	1.67	1.67	1.89	0.00	0.00	8
766	☐	425	2.00	10.86	0.23	35.51	ceeds Capac	0 - 09:53 hrs	11.30	11.30	3.27	1.00	-24.64	2.80	2.00	0.44	1.14	0.44	1.53	0.44	1
767	☐	426	1.75	6.48	0.22	9.25	ceeds Capac	0 - 10:56 hrs	3.85	3.85	1.43	1.00	-2.77	4.24	1.75	23.80	23.80	23.83	16.08	15.24	97
768	☐	427	1.75	4.84	0.12	7.87	ceeds Capac	0 - 10:10 hrs	3.27	3.27	1.63	1.00	-3.03	0.99	1.75	23.80	23.80	23.89	2.13	2.03	43
769	☐	428	2.00	5.22	0.05	14.26	Backwater	0 - 00:06 hrs	4.87	6.67	2.73	1.00	-9.03	2.12	1.90	23.88	23.88	23.93	0.14	0.00	73
770	☐	429	2.00	12.74	0.32	23.85	Backwater	0 - 00:03 hrs	7.66	9.58	1.87	1.00	-11.11	2.14	1.78	23.95	23.95	23.96	0.08	0.00	78
771	☐	43	3.33	62.69	0.50	62.20	Backwater	0 - 00:00 hrs	7.20	7.20	0.99	1.00	0.49	2.90	1.31	23.95	23.95	24.00	0.00	0.01	1
772	☐	430	4.50	53.26	0.07	69.49	Backwater	0 - 00:08 hrs	6.64	6.74	1.30	1.00	-16.23	6.28	4.50	23.76	23.76	23.88	0.11	0.01	63
773	☐	431	2.00	11.40	0.25	19.32	ceeds Capac	0 - 10:04 hrs	6.15	6.15	1.69	1.00	-7.92	1.08	1.99	23.72	23.72	23.77	0.41	0.41	71
774	☐	432	3.50	20.12	0.04	49.43	ceeds Capac	0 - 10:03 hrs	5.14	6.36	2.46	1.00	-29.31	10.98	3.44	23.90	23.90	23.91	5.13	5.64	74
775	☐	433	3.00	27.27	0.17	32.11	Backwater	0 - 00:06 hrs	6.36	6.53	1.18	1.00	-4.83	6.34	2.85	23.86	23.86	23.90	0.04	0.00	79
776	☐	434	3.00	50.61	0.58	27.12	Backwater	0 - 00:07 hrs	4.81	5.00	0.54	1.00	23.49	6.36	2.99	23.86	23.86	23.86	0.00	0.38	92
777	☐	436	3.00	25.35	0.14	28.48	Backwater	0 - 00:15 hrs	4.03	4.03	1.12	1.00	-3.13	2.92	2.95	23.76	23.76	23.82	0.04	0.00	68
778	☐	437	3.00	30.56	0.21	36.31	ceeds Capac	0 - 10:47 hrs	5.14	5.27	1.19	1.00	-5.75	5.78	3.00	1.29	1.29	1.31	0.71	0.60	2
779	☐	438	3.50	37.58	0.14	59.93	ceeds Capac	0 - 00:03 hrs	6.87	6.87	1.59	1.00	-22.35	10.95	3.32	23.93	23.93	23.94	1.60	1.58	91
780	☐	439	2.50	23.23	0.32	34.43	Backwater	0 - 00:02 hrs	7.10	7.14	1.48	1.00	-11.20	2.15	0.98	23.96	23.96	23.97	0.01	0.00	82
781	☐	44	1.75	9.51	0.48	11.86	ceeds Capac	0 - 09:59 hrs	4.93	4.93	1.25	1.00	-2.36	0.46	1.75	0.25	0.25	0.47	0.14	0.14	0
782	☐	440	2.50	16.98	0.17	62.55	ceeds Capac	0 - 00:01 hrs	12.80	12.80	3.68	1.00	-45.57	2.16	1.91	23.97	23.98	23.97	0.04	0.03	83
783	☐	441	2.50	31.55	0.59	72.32	Backwater	0 - 00:01 hrs	15.65	16.61	2.29	1.00	-40.78	2.17	0.98	23.98	23.98	23.99	0.02	0.00	82
784	☐	442	2.50	18.59	0.21	23.83	ceeds Capac	0 - 00:03 hrs	4.85	6.09	1.28	1.00	-5.24	2.15	2.38	23.96	23.96	23.96	0.02	0.75	83

EXISTING CONDITIONS 20-YR 24-HR CONDUITS

		ID	Full Depth (ft)	Full Flow (cfs)	Percent Slope (%)	Maximum Flow (cfs)	Maximum Flow Class	Max.Flow Day-Time (day-time)	Velocity at Maximum Flow (ft/s)	Maximum Velocity (ft/s)	Max.Flow/Fu ll Flow	Max.Depth/F ull Depth	Reserve Capacity (cfs)	Total Flow Volume (MG)	Maximum Top Width (ft)	Both End Surcharge Time (hrs)	Upstream Surcharge Time (hrs)	Downstream Surcharge Time (hrs)	Above Full-Flow Time (hrs)	Capacity Limited Time (hrs)	Instability Index
785	☐	443	2.00	10.73	0.23	16.94	Backwater	0 - 00:04 hrs	5.40	7.04	1.58	1.00	-6.21	2.13	1.97	23.93	23.93	23.95	0.07	0.00	70
786	☐	444	4.00	95.28	0.44	30.77	Backwater	0 - 00:04 hrs	3.33	3.44	0.32	1.00	64.51	1.34	3.93	23.73	23.73	23.94	0.00	0.00	102
787	☐	445	4.00	100.14	0.49	55.50	Backwater	0 - 00:02 hrs	4.83	4.92	0.55	1.00	44.64	1.30	3.63	23.93	23.93	23.97	0.00	0.00	108
788	☐	446	2.00	22.65	1.00	22.36	Backwater	0 - 09:59 hrs	7.12	7.12	0.99	1.00	0.29	0.90	1.53	0.97	0.97	23.98	0.00	0.00	72
789	☐	447	2.00	22.23	0.97	28.44	ceeds Capac	0 - 00:00 hrs	9.18	9.18	1.28	1.00	-6.21	0.89	0.78	23.98	23.98	23.99	0.01	0.01	69
790	☐	448	2.00	26.24	1.35	59.75	Backwater	0 - 00:00 hrs	19.02	19.02	2.28	1.00	-33.51	0.89	0.78	23.99	23.99	23.99	0.00	0.00	85
791	☐	449	5.00	57.62	0.05	383.68	ceeds Capac	0 - 00:00 hrs	19.54	19.54	6.66	1.00	-326.07	20.55	1.96	23.99	23.99	24.00	3.28	3.09	58
792	☐	45	1.75	9.69	0.50	11.86	ceeds Capac	0 - 09:59 hrs	4.93	4.93	1.22	1.00	-2.17	0.46	1.75	0.18	0.18	0.21	0.15	0.13	0
793	☐	450	5.00	158.38	0.37	176.65	ceeds Capac	0 - 00:02 hrs	9.13	9.24	1.12	1.00	-18.26	19.66	1.96	23.96	23.96	23.99	0.20	0.14	20
794	☐	451	5.00	105.80	0.17	126.05	ceeds Capac	0 - 10:26 hrs	6.42	6.42	1.19	1.00	-20.25	16.40	4.77	23.93	23.93	23.94	0.92	0.84	88
795	☐	452	5.00	99.96	0.15	111.06	ceeds Capac	0 - 10:26 hrs	5.66	5.66	1.11	1.00	-11.10	14.79	4.97	4.48	4.48	23.38	0.81	0.71	24
796	☐	453	5.00	122.14	0.22	111.06	Backwater	0 - 10:26 hrs	5.66	5.66	0.91	1.00	11.08	14.85	4.97	2.48	2.48	4.48	0.00	0.04	14
797	☐	454	5.00	111.77	0.18	111.05	Backwater	0 - 10:26 hrs	5.66	5.66	0.99	1.00	0.72	14.69	4.98	23.77	23.77	23.87	0.00	0.11	72
798	☐	455	5.00	134.73	0.27	126.07	Backwater	0 - 10:26 hrs	6.42	6.42	0.94	1.00	8.66	16.46	5.00	23.85	23.85	23.93	0.00	0.02	80
799	☐	456	2.00	22.05	0.95	15.75	Backwater	0 - 10:30 hrs	5.01	5.01	0.71	1.00	6.30	1.84	1.87	23.85	23.85	23.93	0.00	0.00	81
800	☐	457	2.00	8.44	0.14	15.75	Backwater	0 - 10:30 hrs	5.01	5.01	1.87	1.00	-7.31	1.84	2.00	23.84	23.85	23.85	1.32	6.05	80
801	☐	458	2.00	12.96	0.33	15.75	ceeds Capac	0 - 10:30 hrs	5.01	5.01	1.21	1.00	-2.78	1.85	2.00	23.35	23.35	23.84	0.80	0.77	66
802	☐	459	2.00	16.25	0.52	15.75	Backwater	0 - 10:30 hrs	5.01	5.01	0.97	1.00	0.50	1.85	1.99	3.69	3.69	23.52	0.00	0.02	44
803	☐	46	1.50	1.02	0.01	6.97	Backwater	0 - 09:41 hrs	3.94	3.94	6.82	1.00	-5.95	1.22	1.50	3.08	3.08	3.42	17.50	0.00	13
804	☐	460	2.00	29.83	1.74	2.55	Backwater	0 - 09:48 hrs	0.85	0.98	0.09	1.00	27.28	0.00	2.00	0.91	0.91	3.13	0.00	0.00	9
805	☐	461	3.50	29.22	0.08	67.65	ceeds Capac	0 - 00:03 hrs	7.21	7.51	2.32	1.00	-38.43	10.89	1.37	23.94	23.94	24.00	2.59	2.48	86
806	☐	462	1.50	6.06	0.44	11.22	Free Surface	0 - 09:57 hrs	6.50	6.50	1.85	0.94	-5.16	0.46	1.50	0.00	0.33	0.00	0.38	0.00	0
807	☐	463	2.50	36.88	0.81	34.85	Backwater	0 - 10:00 hrs	7.10	7.10	0.94	1.00	2.04	7.16	0.98	23.80	23.80	24.00	0.00	0.00	0
808	☐	464	1.25	3.58	0.41	7.08	ceeds Capac	0 - 09:47 hrs	5.77	5.77	1.98	1.00	-3.51	0.87	1.15	2.46	2.46	23.95	1.57	1.57	4
809	☐	465	1.50	5.14	0.32	7.09	ceeds Capac	0 - 09:48 hrs	4.01	6.34	1.38	1.00	-1.95	0.87	1.36	23.95	23.95	23.97	1.04	1.11	80
810	☐	466	1.75	11.91	0.75	19.33	Backwater	0 - 00:01 hrs	9.86	10.84	1.62	1.00	-7.42	0.86	0.69	23.96	23.96	23.99	0.00	0.00	84
811	☐	467	5.00	135.22	0.27	183.05	ceeds Capac	0 - 00:00 hrs	9.39	9.39	1.35	1.00	-47.83	14.20	1.96	23.98	23.98	24.00	0.28	0.27	44
812	☐	468	5.00	158.88	0.37	158.37	Backwater	0 - 10:04 hrs	8.07	8.07	1.00	1.00	0.51	13.37	3.83	1.01	1.01	23.98	0.00	0.01	32
813	☐	469	5.00	123.46	0.22	97.17	Backwater	0 - 10:04 hrs	4.95	5.44	0.79	1.00	26.29	5.23	4.98	0.51	0.51	1.01	0.00	0.00	1
814	☐	47	1.50	5.97	0.43	6.97	ceeds Capac	0 - 09:41 hrs	3.94	3.94	1.17	1.00	-1.00	1.22	1.50	2.71	2.71	3.42	0.31	0.41	10
815	☐	470	5.00	124.54	0.23	97.18	Backwater	0 - 10:04 hrs	4.95	4.95	0.78	1.00	27.36	5.28	5.00	0.34	0.34	0.51	0.00	0.00	1
816	☐	471	5.00	115.86	0.20	97.14	Backwater	0 - 10:04 hrs	4.95	4.95	0.84	1.00	18.72	5.30	5.00	0.26	0.26	0.34	0.00	0.00	0
817	☐	472	5.00	123.91	0.23	97.11	Backwater	0 - 10:04 hrs	4.95	4.95	0.78	1.00	26.80	5.31	5.00	0.18	0.18	0.26	0.00	0.00	0
818	☐	473	5.00	130.84	0.25	97.08	Backwater	0 - 10:04 hrs	4.94	5.43	0.74	1.00	33.76	5.32	5.00	0.12	0.12	0.18	0.00	0.00	0
819	☐	474	5.00	170.10	0.43	96.98	Backwater	0 - 10:04 hrs	4.94	7.47	0.57	1.00	73.12	5.32	5.00	0.03	0.03	0.11	0.00	0.00	0
820	☐	475	4.00	173.56	1.46	50.53	Free Surface	0 - 10:06 hrs	5.51	7.17	0.29	0.68	123.03	3.04	4.00	0.00	0.00	0.13	0.00	0.00	0
821	☐	476	1.50	5.57	0.37	5.29	Free Surface	0 - 09:59 hrs	4.15	4.15	0.95	0.68	0.28	0.18	1.50	0.00	0.00	0.00	0.00	0.00	0
822	☐	477	2.25	19.58	0.40	11.53	Free Surface	0 - 10:06 hrs	4.10	4.12	0.59	0.67	8.06	0.48	2.25	0.00	0.00	0.00	0.00	0.00	0
823	☐	478	2.25	14.15	0.21	11.53	Free Surface	0 - 10:04 hrs	4.52	4.52	0.82	0.61	2.61	0.48	2.25	0.00	0.00	0.00	0.00	0.00	0
824	☐	479	2.00	14.09	0.39	11.68	Free Surface	0 - 09:59 hrs	4.86	4.88	0.83	0.74	2.42	0.48	2.00	0.00	0.00	0.00	0.00	0.00	0
825	☐	48	1.50	6.12	0.45	6.97	ceeds Capac	0 - 09:41 hrs	3.95	3.95	1.14	1.00	-0.85	1.22	1.50	2.55	2.55	2.71	0.06	0.16	9
826	☐	480	2.50	81.05	3.90	101.32	Backwater	0 - 00:00 hrs	20.64	20.64	1.25	1.00	-20.27	0.63	0.98	23.99	23.99	24.00	0.01	0.01	0
827	☐	481	2.50	25.25	0.38	33.60	Backwater	0 - 00:01 hrs	6.85	6.85	1.33	1.00	-8.35	0.65	0.98	23.99	23.99	23.99	0.01	0.00	0
828	☐	482	2.50	17.00	0.17	15.98	Free Surface	0 - 10:04 hrs	3.71	3.71	0.94	0.82	1.02	0.66	2.45	0.00	0.00	0.00	0.00	0.00	0
829	☐	483	2.00	10.45	0.21	2.64	Free Surface	0 - 10:04 hrs	1.74	1.77	0.25	0.49	7.80	0.10	2.00	0.00	0.00	0.00	0.00	0.00	0
830	☐	484	2.00	8.30	0.13	2.77	Free Surface	0 - 09:59 hrs	2.74	2.74	0.33	0.36	5.53	0.10	1.92	0.00	0.00	0.00	0.00	0.00	0
831	☐	485	2.00	12.80	0.32	2.78	Free Surface	0 - 09:59 hrs	3.41	3.41	0.22	0.31	10.02	0.10	1.90	0.00	0.00	0.00	0.00	0.00	0
832	☐	486	2.50	14.24	0.12	12.04	Backwater	0 - 10:59 hrs	2.45	2.45	0.85	1.00	2.20	2.17	2.48	11.79	11.79	23.67	0.00	0.00	32
833	☐	487	2.50	16.70	0.17	12.04	Backwater	0 - 10:59 hrs	2.45	2.69	0.72	1.00	4.66	2.16	2.47	23.67	23.67	23.79	0.00	0.00	41

EXISTING CONDITIONS 20-YR 24-HR CONDUITS

		ID	Full Depth (ft)	Full Flow (cfs)	Percent Slope (%)	Maximum Flow (cfs)	Maximum Flow Class	Max.Flow Day-Time (day-time)	Velocity at Maximum Flow (ft/s)	Maximum Velocity (ft/s)	Max.Flow/Fu ll Flow	Max.Depth/F ull Depth	Reserve Capacity (cfs)	Total Flow Volume (MG)	Maximum Top Width (ft)	Both End Surcharge Time (hrs)	Upstream Surcharge Time (hrs)	Downstream Surcharge Time (hrs)	Above Full-Flow Time (hrs)	Capacity Limited Time (hrs)	Instability Index
834	☐	488	2.75	36.58	0.48	21.09	Backwater	0 - 00:08 hrs	4.28	4.28	0.58	1.00	15.49	6.38	2.73	11.90	11.90	23.86	0.00	0.00	64
835	☐	489	2.50	54.60	1.77	33.21	Backwater	0 - 10:03 hrs	6.77	6.77	0.61	1.00	21.39	2.79	2.50	0.44	0.44	3.15	0.00	0.00	2
836	☐	49	1.50	4.88	0.29	6.00	ceeds Capac	0 - 09:42 hrs	3.46	3.46	1.23	1.00	-1.12	1.06	1.50	1.51	1.61	1.51	1.28	0.86	1
837	☐	490	2.50	19.57	0.23	33.21	ceeds Capac	0 - 10:03 hrs	6.77	6.77	1.70	1.00	-13.64	2.79	2.50	3.37	3.37	5.58	0.77	0.77	12
838	☐	491	2.50	34.82	0.72	35.32	Backwater	0 - 09:53 hrs	7.52	8.10	1.01	1.00	-0.50	2.79	2.50	0.37	0.37	0.43	0.01	0.00	2
839	☐	492	2.75	20.10	0.14	23.23	Backwater	0 - 00:16 hrs	4.20	4.96	1.16	1.00	-3.13	1.91	2.75	23.69	23.69	23.75	0.03	0.00	44
840	☐	493	2.50	15.14	0.14	16.90	Backwater	0 - 00:18 hrs	3.44	3.49	1.12	1.00	-1.76	1.94	2.46	23.69	23.69	23.69	0.01	0.14	66
841	☐	494	2.50	29.34	0.51	19.34	Backwater	0 - 10:00 hrs	3.94	4.94	0.66	1.00	10.00	2.27	2.34	10.12	10.12	23.69	0.00	0.00	64
842	☐	495	2.50	15.51	0.14	19.33	ceeds Capac	0 - 10:00 hrs	3.94	3.94	1.25	1.00	-3.82	2.28	2.33	4.83	4.83	10.12	0.83	0.83	26
843	☐	496	2.50	16.43	0.16	19.33	ceeds Capac	0 - 10:00 hrs	3.94	3.94	1.18	1.00	-2.90	2.29	2.41	3.59	3.59	4.83	0.78	0.76	21
844	☐	497	2.00	8.96	0.16	19.31	ceeds Capac	0 - 10:00 hrs	6.15	6.15	2.16	1.00	-10.35	2.29	1.94	5.22	5.22	9.49	1.57	1.65	13
845	☐	498	2.00	10.99	0.24	19.33	ceeds Capac	0 - 10:00 hrs	6.15	6.15	1.76	1.00	-8.34	2.30	2.00	2.57	2.57	3.72	1.25	1.23	10
846	☐	499	2.00	3.76	0.03	19.43	ceeds Capac	0 - 10:00 hrs	6.19	6.19	5.17	1.00	-15.67	2.30	2.00	2.57	2.64	2.57	5.60	2.36	11
847	☐	5	3.50	25.27	0.06	99.34	ceeds Capac	0 - 00:00 hrs	11.07	11.40	3.93	1.00	-74.07	7.85	1.37	23.98	23.98	23.99	2.42	2.96	74
848	☐	50	1.25	2.68	0.23	6.38	ceeds Capac	0 - 09:42 hrs	5.20	5.20	2.38	1.00	-3.70	1.06	1.25	1.96	3.30	1.96	4.34	1.96	7
849	☐	500	2.00	18.66	0.68	23.24	ceeds Capac	0 - 10:10 hrs	7.40	7.40	1.25	1.00	-4.58	2.37	2.00	1.85	1.85	2.64	0.69	0.71	6
850	☐	501	2.00	8.89	0.15	8.73	Backwater	0 - 10:44 hrs	2.78	2.78	0.98	1.00	0.16	1.29	2.00	23.72	23.72	23.72	0.00	0.55	72
851	☐	502	2.00	5.55	0.06	8.74	ceeds Capac	0 - 10:44 hrs	2.78	3.34	1.57	1.00	-3.19	1.17	1.86	23.72	23.72	23.72	1.36	1.88	64
852	☐	503	2.00	6.16	0.07	13.81	ceeds Capac	0 - 00:15 hrs	4.79	4.79	2.24	1.00	-7.65	1.16	1.99	23.72	23.72	23.75	0.88	0.89	54
853	☐	504	3.00	26.24	0.15	26.13	Backwater	0 - 00:14 hrs	3.76	3.77	1.00	1.00	0.11	2.16	2.99	23.75	23.75	23.82	0.00	0.01	54
854	☐	505	5.00	97.00	0.14	111.12	Backwater	0 - 00:05 hrs	8.26	8.28	1.15	1.00	-14.12	7.79	4.94	23.86	23.86	23.88	0.02	0.01	79
855	☐	506	5.00	80.21	0.09	129.17	ceeds Capac	0 - 00:04 hrs	7.05	7.26	1.61	1.00	-48.96	7.74	4.76	23.88	23.88	23.92	0.19	0.14	79
856	☐	507	5.00	115.08	0.20	145.63	Backwater	0 - 00:02 hrs	11.64	11.64	1.27	1.00	-30.55	7.64	4.21	23.92	23.92	23.96	0.05	0.00	82
857	☐	508	5.00	83.59	0.10	209.41	Backwater	0 - 00:02 hrs	11.37	12.31	2.51	1.00	-125.83	7.60	4.90	23.96	23.96	23.96	0.10	0.59	90
858	☐	509	2.50	63.09	2.37	53.11	Backwater	0 - 00:00 hrs	10.87	10.87	0.84	1.00	9.98	3.00	0.98	23.99	23.99	24.00	0.00	0.00	71
859	☐	51	1.75	7.88	0.33	8.38	ceeds Capac	0 - 09:37 hrs	3.48	3.48	1.06	1.00	-0.50	2.09	1.75	2.81	2.81	2.89	1.08	1.00	12
860	☐	510	2.00	22.95	1.03	36.43	ceeds Capac	0 - 09:59 hrs	11.60	11.60	1.59	1.00	-13.48	3.00	0.78	23.99	23.99	23.99	0.74	0.74	67
861	☐	511	3.50	25.40	0.06	80.13	ceeds Capac	0 - 00:01 hrs	9.19	9.44	3.15	1.00	-54.73	7.88	2.77	23.97	23.97	23.97	2.40	3.32	86
862	☐	512	2.75	35.59	0.45	72.39	ceeds Capac	0 - 10:03 hrs	12.19	12.19	2.03	1.00	-36.80	7.89	1.08	23.96	23.96	23.97	1.35	1.40	80
863	☐	513	4.50	83.34	0.18	95.64	ceeds Capac	0 - 09:59 hrs	6.01	6.01	1.15	1.00	-12.30	11.08	4.50	1.58	1.58	1.82	0.40	0.39	6
864	☐	514	4.50	114.95	0.34	51.78	Backwater	0 - 10:15 hrs	3.26	4.24	0.45	1.00	63.18	8.28	4.50	1.14	1.14	1.48	0.00	0.00	4
865	☐	515	4.50	70.52	0.13	51.79	Backwater	0 - 10:15 hrs	3.26	3.26	0.73	1.00	18.73	8.27	4.50	1.48	1.48	1.58	0.00	0.00	4
866	☐	516	2.00	10.04	0.20	12.73	ceeds Capac	0 - 10:32 hrs	4.05	4.05	1.27	1.00	-2.69	2.46	2.00	3.72	3.72	4.09	1.72	1.92	14
867	☐	517	2.00	10.35	0.21	12.03	ceeds Capac	0 - 10:02 hrs	3.83	3.83	1.16	1.00	-1.68	2.43	1.98	4.09	4.09	13.67	1.59	1.63	26
868	☐	518	2.00	13.02	0.33	12.02	Backwater	0 - 10:45 hrs	3.82	4.00	0.92	1.00	1.01	2.43	1.88	13.66	13.66	23.88	0.00	0.44	83
869	☐	519	2.00	10.28	0.21	15.00	ceeds Capac	0 - 00:05 hrs	5.26	5.26	1.46	1.00	-4.72	2.42	1.29	23.88	23.88	23.90	1.62	1.61	58
870	☐	52	1.50	6.75	0.55	8.38	ceeds Capac	0 - 09:37 hrs	4.74	4.74	1.24	1.00	-1.63	2.09	1.50	3.21	3.27	3.21	2.71	2.31	13
871	☐	520	3.00	33.74	0.26	42.70	Backwater	0 - 00:04 hrs	6.63	6.63	1.27	1.00	-8.95	2.39	2.99	23.92	23.92	23.95	0.01	0.00	46
872	☐	521	4.00	56.80	0.16	41.83	Backwater	0 - 00:03 hrs	3.33	6.00	0.74	1.00	14.98	1.17	3.98	23.94	23.94	23.94	0.00	2.24	86
873	☐	522	4.00	54.87	0.15	87.20	Backwater	0 - 00:03 hrs	7.10	7.25	1.59	1.00	-32.33	2.29	1.94	23.94	23.94	24.00	0.05	0.01	64
874	☐	523	2.00	11.49	0.26	22.06	ceeds Capac	0 - 00:05 hrs	9.04	9.04	1.92	1.00	-10.56	2.42	1.94	23.90	23.91	23.90	1.38	0.00	66
875	☐	524	3.00	11.29	0.03	28.87	ceeds Capac	0 - 00:05 hrs	4.12	4.12	2.56	1.00	-17.58	2.40	3.00	23.92	23.92	23.92	1.48	1.29	48
876	☐	525	2.00	12.21	0.29	18.04	ceeds Capac	0 - 10:02 hrs	5.74	5.74	1.48	1.00	-5.83	0.98	2.00	0.46	0.47	0.48	0.36	0.35	1
877	☐	526	2.00	12.17	0.29	18.03	ceeds Capac	0 - 10:00 hrs	5.74	5.74	1.48	1.00	-5.86	0.98	2.00	0.47	0.48	0.57	0.35	0.32	1
878	☐	527	2.00	12.44	0.30	18.03	ceeds Capac	0 - 10:03 hrs	5.74	5.74	1.45	1.00	-5.59	0.98	2.00	0.56	0.57	0.60	0.34	0.31	2
879	☐	528	2.00	17.55	0.60	18.02	ceeds Capac	0 - 10:02 hrs	5.74	6.08	1.03	1.00	-0.47	0.98	2.00	0.60	0.60	0.70	0.20	0.17	2
880	☐	529	2.00	25.81	1.30	10.64	Backwater	0 - 09:56 hrs	3.39	3.39	0.41	1.00	15.17	0.91	2.00	2.41	2.41	4.96	0.00	0.00	8
881	☐	53	1.50	3.61	0.16	8.37	ceeds Capac	0 - 09:37 hrs	4.74	4.74	2.32	1.00	-4.76	2.10	1.50	3.27	5.03	3.27	7.37	3.27	10
882	☐	530	2.00	17.69	0.61	18.03	ceeds Capac	0 - 10:03 hrs	5.74	6.05	1.02	1.00	-0.34	0.98	2.00	0.70	0.70	1.07	0.20	0.14	2

EXISTING CONDITIONS 20-YR 24-HR CONDUITS

		ID	Full Depth (ft)	Full Flow (cfs)	Percent Slope (%)	Maximum Flow (cfs)	Maximum Flow Class	Max.Flow Day-Time (day-time)	Velocity at Maximum Flow (ft/s)	Maximum Velocity (ft/s)	Max.Flow/Fu ll Flow	Max.Depth/F ull Depth	Reserve Capacity (cfs)	Total Flow Volume (MG)	Maximum Top Width (ft)	Both End Surcharge Time (hrs)	Upstream Surcharge Time (hrs)	Downstream Surcharge Time (hrs)	Above Full-Flow Time (hrs)	Capacity Limited Time (hrs)	Instability Index
883	☐	531	2.00	19.03	0.71	18.03	Backwater	0 - 10:02 hrs	5.74	5.74	0.95	1.00	1.00	0.98	2.00	1.07	1.07	2.41	0.00	0.00	4
884	☐	532	3.50	40.15	0.16	59.83	ceeds Capac	0 - 09:57 hrs	6.22	6.38	1.49	1.00	-19.67	2.88	3.50	0.19	0.22	0.19	0.34	0.19	0
885	☐	533	2.00	24.99	1.22	33.55	ceeds Capac	0 - 09:56 hrs	10.68	10.68	1.34	1.00	-8.56	1.76	2.00	0.28	0.29	0.29	0.36	0.28	0
886	☐	534	2.00	12.33	0.30	9.49	Backwater	0 - 09:55 hrs	3.82	4.59	0.77	1.00	2.85	0.42	2.00	0.26	0.26	0.27	0.00	0.00	0
887	☐	535	3.25	21.11	0.07	58.49	ceeds Capac	0 - 09:56 hrs	7.05	7.05	2.77	1.00	-37.38	2.83	3.25	0.24	0.25	0.24	0.70	0.17	0
888	☐	536	2.00	23.91	1.12	33.56	ceeds Capac	0 - 09:56 hrs	10.68	10.68	1.40	1.00	-9.64	1.76	2.00	0.28	0.32	0.28	0.38	0.27	0
889	☐	537	2.00	23.37	1.07	33.56	ceeds Capac	0 - 09:56 hrs	10.68	10.68	1.44	1.00	-10.19	1.76	2.00	0.32	0.35	0.32	0.39	0.32	0
890	☐	538	2.00	11.87	0.28	8.66	Backwater	0 - 10:12 hrs	2.88	3.78	0.73	1.00	3.21	0.42	2.00	0.28	0.28	0.31	0.00	0.00	0
891	☐	539	3.50	66.50	0.44	75.67	ceeds Capac	0 - 09:57 hrs	7.87	7.87	1.14	1.00	-9.17	3.49	3.50	0.19	0.19	0.20	0.16	0.13	0
892	☐	54	1.50	4.62	0.26	4.52	Backwater	0 - 12:27 hrs	2.56	2.56	0.98	1.00	0.10	1.18	1.50	4.27	4.27	5.03	0.00	0.06	14
893	☐	540	3.50	58.55	0.34	75.71	ceeds Capac	0 - 09:57 hrs	7.87	7.87	1.29	1.00	-17.16	3.49	3.50	0.20	0.20	0.20	0.24	0.19	0
894	☐	541	2.75	18.57	0.12	16.73	Backwater	0 - 10:45 hrs	2.82	3.22	0.90	1.00	1.84	2.33	2.75	3.69	3.69	3.89	0.00	0.09	17
895	☐	542	2.75	19.78	0.14	11.73	Backwater	0 - 10:44 hrs	1.97	1.97	0.59	1.00	8.05	1.95	2.75	13.11	13.11	14.57	0.00	0.00	51
896	☐	543	5.50	184.06	0.30	212.94	ceeds Capac	0 - 09:59 hrs	8.96	8.96	1.16	1.00	-28.88	40.88	5.50	1.98	1.98	2.00	1.41	1.43	7
897	☐	544	6.00	193.56	0.21	238.71	ceeds Capac	0 - 10:07 hrs	8.44	8.53	1.23	1.00	-45.15	42.36	6.00	1.86	1.86	1.88	1.28	1.17	9
898	☐	545	6.00	251.84	0.35	277.18	ceeds Capac	0 - 09:59 hrs	9.80	9.80	1.10	1.00	-25.34	44.41	6.00	1.88	1.88	2.09	0.36	0.38	7
899	☐	546	6.00	189.54	0.20	216.68	ceeds Capac	0 - 09:52 hrs	7.68	7.68	1.14	1.00	-27.15	43.21	6.00	2.07	2.09	2.07	1.65	1.48	9
900	☐	547	6.00	189.39	0.20	245.56	ceeds Capac	0 - 09:52 hrs	8.78	8.88	1.30	1.00	-56.17	46.81	6.00	1.99	2.07	1.99	2.31	1.97	8
901	☐	548	6.00	229.37	0.29	243.70	ceeds Capac	0 - 09:52 hrs	8.75	9.36	1.06	1.00	-14.33	46.78	6.00	1.99	1.99	2.15	0.03	0.05	8
902	☐	549	4.00	67.40	0.22	91.57	ceeds Capac	0 - 09:56 hrs	7.29	7.29	1.36	1.00	-24.17	6.94	4.00	4.71	4.71	5.33	0.49	0.49	18
903	☐	55	1.50	2.03	0.05	4.49	ceeds Capac	0 - 12:27 hrs	2.54	2.54	2.21	1.00	-2.46	1.18	1.50	4.27	4.32	4.27	7.49	2.99	20
904	☐	550	4.00	67.52	0.22	91.47	ceeds Capac	0 - 09:56 hrs	7.28	7.28	1.35	1.00	-23.95	6.95	4.00	4.46	4.46	4.56	0.48	0.64	21
905	☐	551	3.50	47.42	0.22	91.46	ceeds Capac	0 - 09:56 hrs	9.51	9.51	1.93	1.00	-44.04	6.95	3.50	4.19	4.20	4.79	0.83	0.81	15
906	☐	552	3.50	46.38	0.21	91.47	ceeds Capac	0 - 09:56 hrs	9.51	9.51	1.97	1.00	-45.08	6.95	3.50	4.13	4.13	4.20	0.87	1.30	19
907	☐	553	3.50	44.60	0.20	91.45	ceeds Capac	0 - 09:56 hrs	9.51	9.51	2.05	1.00	-46.85	6.95	3.50	3.91	3.91	4.13	0.92	0.88	18
908	☐	554	2.25	24.27	0.61	35.55	ceeds Capac	0 - 09:52 hrs	8.94	8.94	1.46	1.00	-11.27	3.63	2.25	3.25	3.25	7.80	0.94	0.95	22
909	☐	555	2.00	20.21	0.80	14.56	Backwater	0 - 09:49 hrs	4.63	4.63	0.72	1.00	5.65	1.37	2.00	1.70	1.70	2.48	0.00	0.00	6
910	☐	556	2.25	23.68	0.58	35.56	ceeds Capac	0 - 09:52 hrs	8.94	8.94	1.50	1.00	-11.88	3.63	2.25	2.72	2.72	3.25	0.96	0.96	14
911	☐	557	2.25	21.80	0.50	35.56	ceeds Capac	0 - 09:52 hrs	8.94	8.94	1.63	1.00	-13.77	3.63	2.25	2.40	2.40	2.72	1.09	1.09	10
912	☐	558	3.50	44.93	0.20	65.97	ceeds Capac	0 - 09:55 hrs	6.86	6.86	1.47	1.00	-21.03	5.30	3.50	3.70	3.70	3.91	0.64	0.62	16
913	☐	559	2.50	22.73	0.31	39.58	ceeds Capac	0 - 09:52 hrs	8.06	8.06	1.74	1.00	-16.86	3.38	2.50	4.12	4.12	4.30	0.87	0.91	18
914	☐	56	1.50	4.33	0.23	4.49	ceeds Capac	0 - 09:11 hrs	2.54	2.54	1.04	1.00	-0.16	1.18	1.50	4.17	4.17	4.32	0.21	0.80	21
915	☐	560	2.50	22.37	0.30	39.62	ceeds Capac	0 - 09:52 hrs	8.07	8.07	1.77	1.00	-17.25	3.38	2.50	4.01	4.01	4.12	0.89	0.99	18
916	☐	561	2.50	22.63	0.30	39.68	ceeds Capac	0 - 09:52 hrs	8.08	8.08	1.75	1.00	-17.05	3.38	2.50	3.87	3.87	4.01	0.88	0.97	18
917	☐	562	2.50	43.63	1.13	39.69	Backwater	0 - 09:52 hrs	8.09	8.09	0.91	1.00	3.93	3.40	2.50	3.40	3.40	3.87	0.00	0.01	16
918	☐	563	2.50	24.86	0.37	39.74	ceeds Capac	0 - 09:52 hrs	8.10	8.10	1.60	1.00	-14.88	3.40	2.50	1.96	1.96	2.00	0.80	0.81	9
919	☐	564	2.50	25.36	0.38	21.55	Backwater	0 - 09:52 hrs	4.39	4.70	0.85	1.00	3.81	2.01	2.50	1.41	1.41	1.96	0.00	0.00	4
920	☐	565	2.50	20.15	0.24	30.71	ceeds Capac	0 - 09:52 hrs	6.26	6.54	1.52	1.00	-10.56	2.12	2.50	1.21	1.22	1.41	0.05	0.10	5
921	☐	566	3.50	19.25	0.10	47.70	ceeds Capac	0 - 09:56 hrs	4.98	5.09	2.48	1.00	-28.45	8.00	3.50	1.05	2.36	1.05	4.80	1.05	7
922	☐	569	4.50	360.06	3.35	157.07	Backwater	0 - 09:59 hrs	9.88	12.37	0.44	1.00	202.99	38.18	4.50	0.98	0.98	2.87	0.00	0.00	11
923	☐	57	1.50	2.78	0.09	4.50	Backwater	0 - 09:11 hrs	2.55	2.55	1.62	1.00	-1.72	1.18	1.50	4.17	4.17	4.26	5.02	0.50	20
924	☐	571	4.50	92.80	0.22	161.02	ceeds Capac	0 - 09:52 hrs	10.12	10.12	1.74	1.00	-68.22	18.11	4.50	2.77	2.77	2.87	2.61	2.61	10
925	☐	572	4.50	150.56	0.59	161.13	ceeds Capac	0 - 09:53 hrs	10.13	10.13	1.07	1.00	-10.57	18.12	4.50	2.07	2.07	2.91	0.16	0.26	11
926	☐	573	4.50	191.84	0.95	161.13	Backwater	0 - 09:53 hrs	10.13	10.24	0.84	1.00	30.72	18.13	4.50	1.25	1.25	2.07	0.00	0.00	5
927	☐	574	4.50	35.32	0.03	161.04	Backwater	0 - 09:53 hrs	10.13	10.13	4.56	1.00	-125.72	18.12	4.50	2.77	2.77	2.91	5.12	0.00	13
928	☐	575	2.00	12.39	0.30	17.51	ceeds Capac	0 - 09:51 hrs	5.57	5.57	1.41	1.00	-5.12	1.62	2.00	0.85	0.85	0.88	0.39	0.33	1
929	☐	576	2.50	19.72	0.23	16.07	Backwater	0 - 09:51 hrs	3.27	3.27	0.82	1.00	3.64	1.62	2.50	0.73	0.73	0.82	0.00	0.01	2
930	☐	577	2.50	19.25	0.22	28.98	ceeds Capac	0 - 09:51 hrs	5.91	5.91	1.51	1.00	-9.73	2.79	2.50	0.75	0.82	0.75	0.97	0.74	2
931	☐	578	2.50	18.73	0.21	28.79	ceeds Capac	0 - 09:52 hrs	5.90	6.21	1.54	1.00	-10.07	2.78	2.50	0.66	0.75	0.66	0.99	0.66	1

EXISTING CONDITIONS 20-YR 24-HR CONDUITS

		ID	Full Depth (ft)	Full Flow (cfs)	Percent Slope (%)	Maximum Flow (cfs)	Maximum Flow Class	Max.Flow Day-Time (day-time)	Velocity at Maximum Flow (ft/s)	Maximum Velocity (ft/s)	Max.Flow/Fu ll Flow	Max.Depth/F ull Depth	Reserve Capacity (cfs)	Total Flow Volume (MG)	Maximum Top Width (ft)	Both End Surcharge Time (hrs)	Upstream Surcharge Time (hrs)	Downstream Surcharge Time (hrs)	Above Full-Flow Time (hrs)	Capacity Limited Time (hrs)	Instability Index
932	☐	579	2.00	10.15	0.20	16.32	ceeds Capac	0 - 10:17 hrs	5.19	5.19	1.61	1.00	-6.16	1.99	2.00	1.31	1.33	1.31	1.42	1.30	2
933	☐	58	1.50	4.98	0.30	4.48	Backwater	0 - 09:11 hrs	2.54	2.54	0.90	1.00	0.50	1.18	1.50	4.04	4.04	4.26	0.00	0.22	20
934	☐	580	2.00	10.28	0.21	14.33	ceeds Capac	0 - 09:48 hrs	4.56	4.56	1.39	1.00	-4.06	1.94	2.00	1.29	1.31	1.29	1.43	1.29	1
935	☐	581	2.00	10.12	0.20	14.33	ceeds Capac	0 - 09:48 hrs	4.56	4.56	1.42	1.00	-4.21	1.86	2.00	1.29	1.29	1.29	1.46	1.19	5
936	☐	582	2.25	13.85	0.20	12.66	Backwater	0 - 10:51 hrs	3.18	3.43	0.91	1.00	1.19	1.86	2.25	1.22	1.22	1.30	0.00	0.15	6
937	☐	583	2.25	13.85	0.20	12.66	Backwater	0 - 10:49 hrs	3.18	3.18	0.91	1.00	1.19	1.86	2.25	1.30	1.30	1.43	0.00	0.02	5
938	☐	584	2.00	7.92	0.35	42.05	ceeds Capac	0 - 00:00 hrs	14.06	14.06	5.31	1.00	-34.13	3.12	0.78	23.99	23.99	24.00	3.84	3.75	73
939	☐	585	2.50	12.17	0.09	12.49	ceeds Capac	0 - 09:42 hrs	2.55	2.55	1.03	1.00	-0.33	1.84	2.50	19.22	19.22	19.37	0.09	2.41	87
940	☐	586	2.00	10.68	0.19	11.03	ceeds Capac	0 - 09:59 hrs	3.51	3.51	1.03	1.00	-0.36	0.41	2.00	14.14	14.14	14.18	0.01	0.51	56
941	☐	587	4.00	189.57	1.74	52.84	Free Surface	0 - 09:59 hrs	5.80	5.80	0.28	0.68	136.73	4.15	4.00	0.00	0.00	1.09	0.00	0.00	0
942	☐	588	4.00	82.69	0.95	183.66	ceeds Capac	0 - 09:59 hrs	14.62	14.62	2.22	1.00	-100.97	12.58	1.92	1.09	1.09	24.00	0.94	1.08	0
943	☐	589	3.00	67.80	1.03	71.82	Free Surface	0 - 10:00 hrs	10.80	10.93	1.06	0.89	-4.03	4.66	3.00	0.00	0.00	0.00	0.13	0.00	0
944	☐	59	1.50	4.20	0.21	4.48	ceeds Capac	0 - 09:11 hrs	2.54	2.68	1.07	1.00	-0.28	1.18	1.50	3.83	3.83	4.04	0.42	0.83	17
945	☐	590	3.00	31.49	0.22	58.45	Backwater	0 - 00:00 hrs	8.31	8.33	1.86	1.00	-26.96	1.56	1.18	23.99	23.99	24.00	0.01	0.00	0
946	☐	591	2.00	11.88	0.28	13.74	Backwater	0 - 00:01 hrs	4.62	5.56	1.16	1.00	-1.86	0.29	1.35	23.96	23.96	23.99	0.01	0.00	71
947	☐	592	2.00	13.01	0.33	7.71	Free Surface	0 - 10:00 hrs	2.46	2.68	0.59	0.99	5.30	0.31	1.97	0.00	0.00	23.96	0.00	0.00	62
948	☐	593	2.00	12.11	0.29	8.44	Free Surface	0 - 09:59 hrs	3.20	3.22	0.70	0.79	3.66	0.31	2.00	0.00	0.00	0.00	0.00	0.00	0
949	☐	594	2.00	19.26	0.72	31.87	Backwater	0 - 00:00 hrs	10.53	10.53	1.66	1.00	-12.62	0.29	0.78	23.99	23.99	24.00	0.00	0.00	82
950	☐	595	4.00	76.30	0.28	111.57	Free Surface	0 - 10:00 hrs	9.65	9.65	1.46	0.88	-35.27	20.19	3.81	0.00	0.00	0.00	2.57	0.00	0
951	☐	596	4.00	150.18	1.09	111.58	Free Surface	0 - 10:00 hrs	10.51	10.51	0.74	0.79	38.60	20.21	4.00	0.00	0.00	0.00	0.00	0.00	0
952	☐	597	4.00	110.37	0.59	111.61	Free Surface	0 - 10:00 hrs	10.63	10.65	1.01	0.78	-1.24	20.21	4.00	0.00	0.00	0.00	0.20	0.00	0
953	☐	598	4.00	118.18	0.68	111.74	Free Surface	0 - 09:59 hrs	9.87	10.08	0.95	0.84	6.44	20.22	4.00	0.00	0.00	0.00	0.00	0.00	0
954	☐	599	4.00	95.10	0.44	111.83	Free Surface	0 - 09:59 hrs	9.51	9.60	1.18	0.89	-16.72	20.23	4.00	0.00	0.00	0.00	1.70	0.00	0
955	☐	6	3.50	25.87	0.07	123.58	ceeds Capac	0 - 00:00 hrs	12.89	12.89	4.78	1.00	-97.71	7.85	1.37	23.98	23.98	23.98	2.25	6.81	86
956	☐	60	1.50	2.98	0.11	4.48	ceeds Capac	0 - 09:11 hrs	2.54	2.54	1.50	1.00	-1.50	1.18	1.50	3.83	3.90	3.83	4.93	3.23	16
957	☐	600	4.00	107.62	0.56	112.87	Free Surface	0 - 09:59 hrs	8.99	9.23	1.05	1.00	-5.24	20.23	4.00	0.00	0.01	0.00	0.35	0.00	0
958	☐	601	4.00	77.23	0.29	106.08	ceeds Capac	0 - 09:56 hrs	8.48	8.84	1.37	1.00	-28.85	19.97	4.00	0.01	1.72	0.01	2.50	0.01	2
959	☐	602	4.00	64.05	0.20	103.45	ceeds Capac	0 - 11:11 hrs	8.23	8.23	1.62	1.00	-39.40	19.81	4.00	1.72	2.07	1.72	3.35	1.72	9
960	☐	603	4.00	63.30	0.19	103.43	ceeds Capac	0 - 10:51 hrs	8.23	8.23	1.63	1.00	-40.13	19.82	4.00	2.07	2.43	2.07	3.38	2.07	9
961	☐	604	4.00	74.60	0.27	103.42	ceeds Capac	0 - 11:15 hrs	8.23	8.23	1.39	1.00	-28.82	19.83	4.00	2.43	2.45	2.43	2.57	2.43	9
962	☐	605	4.00	67.09	0.22	103.43	ceeds Capac	0 - 11:11 hrs	8.23	8.23	1.54	1.00	-36.34	19.84	4.00	2.45	2.49	2.45	3.13	2.45	10
963	☐	607	4.00	31.76	0.14	30.37	Backwater	0 - 00:04 hrs	3.01	3.39	0.96	1.00	1.39	2.44	3.49	0.01	0.01	24.00	0.00	0.00	0
964	☐	608	6.00	207.61	0.24	27.13	Backwater	0 - 11:42 hrs	0.96	1.24	0.13	1.00	180.48	3.44	6.00	20.10	20.10	20.78	0.00	0.00	88
965	☐	609	2.00	15.12	0.45	27.95	ceeds Capac	0 - 09:59 hrs	8.90	8.90	1.85	1.00	-12.84	1.08	2.00	0.20	0.25	0.20	0.32	0.20	0
966	☐	61	1.50	3.05	0.11	4.49	ceeds Capac	0 - 09:11 hrs	2.54	2.54	1.47	1.00	-1.43	1.18	1.50	3.90	3.95	3.90	4.68	3.08	16
967	☐	610	2.00	16.74	0.55	27.96	Free Surface	0 - 09:59 hrs	9.04	9.04	1.67	0.96	-11.22	1.08	2.00	0.00	0.24	0.00	0.29	0.00	0
968	☐	611	3.50	138.50	1.90	133.07	Free Surface	0 - 09:59 hrs	16.38	16.39	0.96	0.79	5.44	14.22	3.50	0.00	0.00	0.00	0.00	0.00	0
969	☐	612	3.50	49.38	0.24	105.40	Free Surface	0 - 09:59 hrs	11.19	11.19	2.13	0.95	-56.02	13.14	3.50	0.00	1.40	0.00	1.99	0.00	2
970	☐	613	2.50	99.90	5.93	88.17	Backwater	0 - 09:59 hrs	18.84	19.75	0.88	1.00	11.73	5.59	2.50	0.10	0.10	0.20	0.00	0.00	0
971	☐	614	4.00	124.53	0.75	154.49	Free Surface	0 - 09:59 hrs	12.51	12.51	1.24	0.95	-29.96	14.97	4.00	0.00	0.14	0.00	0.28	0.00	0
972	☐	615	4.00	114.10	0.63	154.45	ceeds Capac	0 - 09:59 hrs	12.29	12.29	1.35	1.00	-40.35	14.97	4.00	0.14	0.20	0.14	0.39	0.14	0
973	☐	616	4.00	106.76	0.55	154.46	ceeds Capac	0 - 09:59 hrs	12.29	12.29	1.45	1.00	-47.70	14.97	4.00	0.20	0.31	0.20	0.52	0.20	0
974	☐	617	4.00	285.00	3.94	153.42	Free Surface	0 - 09:59 hrs	14.95	21.98	0.54	0.76	131.58	14.97	4.00	0.00	0.00	0.03	0.00	0.00	0
975	☐	618	3.50	200.07	3.95	149.22	Free Surface	0 - 09:59 hrs	22.77	22.77	0.75	0.64	50.86	14.81	3.50	0.00	0.00	0.00	0.00	0.00	0
976	☐	619	3.50	138.51	1.90	131.40	Free Surface	0 - 09:59 hrs	16.39	16.40	0.95	0.78	7.11	14.21	3.50	0.00	0.00	0.00	0.00	0.00	0
977	☐	62	1.50	4.97	0.30	4.49	Backwater	0 - 09:11 hrs	2.54	2.58	0.90	1.00	0.48	1.18	1.50	3.75	3.75	3.95	0.00	0.03	15
978	☐	620	2.25	28.98	0.88	6.08	Free Surface	0 - 09:59 hrs	5.76	5.76	0.21	0.31	22.90	0.19	2.25	0.00	0.00	0.00	0.00	0.00	0
979	☐	621	1.50	12.21	1.80	6.50	Free Surface	0 - 09:59 hrs	7.01	7.01	0.53	0.52	5.71	0.20	1.50	0.00	0.00	0.00	0.00	0.00	0
980	☐	622	2.25	42.28	1.86	6.16	Free Surface	0 - 09:59 hrs	6.92	6.92	0.15	0.28	36.12	0.19	2.05	0.00	0.00	0.00	0.00	0.00	0

EXISTING CONDITIONS 20-YR 24-HR CONDUITS

		ID	Full Depth (ft)	Full Flow (cfs)	Percent Slope (%)	Maximum Flow (cfs)	Maximum Flow Class	Max.Flow Day-Time (day-time)	Velocity at Maximum Flow (ft/s)	Maximum Velocity (ft/s)	Max.Flow/Fu ll Flow	Max.Depth/F ull Depth	Reserve Capacity (cfs)	Total Flow Volume (MG)	Maximum Top Width (ft)	Both End Surcharge Time (hrs)	Upstream Surcharge Time (hrs)	Downstream Surcharge Time (hrs)	Above Full-Flow Time (hrs)	Capacity Limited Time (hrs)	Instability Index
981	☐	623	4.00	89.45	0.39	102.59	Backwater	0 - 00:00 hrs	8.18	8.18	1.15	1.00	-13.15	11.29	1.57	23.99	23.99	24.00	0.00	0.00	0
982	☐	624	3.00	137.89	4.27	135.69	Backwater	0 - 09:59 hrs	19.57	19.73	0.98	1.00	2.19	12.08	1.46	0.18	0.18	23.81	0.00	0.00	0
983	☐	625	3.00	141.25	4.48	143.64	Backwater	0 - 09:59 hrs	22.39	22.48	1.02	1.00	-2.40	12.08	3.00	0.14	0.14	0.18	0.00	0.00	0
984	☐	626	3.50	100.61	1.00	119.28	ceeds Capac	0 - 09:59 hrs	12.55	12.55	1.19	1.00	-18.67	11.32	3.50	0.09	0.43	0.09	0.52	0.09	0
985	☐	627	3.00	102.39	2.36	119.37	ceeds Capac	0 - 09:57 hrs	16.89	16.89	1.17	1.00	-16.98	11.32	3.00	0.48	0.49	0.50	0.51	0.48	1
986	☐	628	3.00	101.29	2.31	109.43	ceeds Capac	0 - 10:08 hrs	15.48	15.78	1.08	1.00	-8.14	10.79	3.00	0.48	0.48	0.49	0.45	0.44	1
987	☐	629	4.00	124.63	0.75	101.43	Backwater	0 - 09:56 hrs	8.98	10.91	0.81	1.00	23.20	10.22	4.00	0.42	0.42	0.45	0.00	0.00	2
988	☐	63	1.50	8.99	0.97	4.48	Backwater	0 - 09:11 hrs	2.54	4.60	0.50	1.00	4.50	1.18	1.50	3.33	3.33	3.63	0.00	0.00	15
989	☐	630	4.00	83.76	0.34	90.68	ceeds Capac	0 - 10:03 hrs	7.22	8.20	1.08	1.00	-6.92	9.01	4.00	0.35	0.35	0.36	0.11	0.12	0
990	☐	631	4.00	83.86	0.34	90.79	ceeds Capac	0 - 09:57 hrs	7.86	7.89	1.08	1.00	-6.93	9.00	4.00	0.33	0.33	0.35	0.12	0.11	0
991	☐	632	4.00	83.90	0.34	78.62	Backwater	0 - 09:57 hrs	6.59	6.84	0.94	1.00	5.28	8.34	4.00	0.29	0.29	0.33	0.00	0.01	0
992	☐	633	4.00	74.64	0.27	81.10	ceeds Capac	0 - 09:57 hrs	7.10	7.13	1.09	1.00	-6.46	8.35	4.00	0.28	0.28	0.29	0.03	0.06	0
993	☐	634	1.50	12.77	1.97	17.52	ceeds Capac	0 - 09:55 hrs	9.92	9.92	1.37	1.00	-4.76	1.06	1.50	0.54	0.54	0.60	0.42	0.42	1
994	☐	636	1.50	7.40	0.66	17.53	ceeds Capac	0 - 09:55 hrs	9.92	9.92	2.37	1.00	-10.12	1.06	1.50	0.30	0.71	0.30	0.79	0.30	1
995	☐	637	3.00	55.20	0.68	38.73	Free Surface	0 - 09:56 hrs	8.45	8.45	0.70	0.62	16.47	1.97	3.00	0.00	0.00	0.00	0.00	0.00	2
996	☐	638	2.25	22.09	0.51	36.80	ceeds Capac	0 - 09:52 hrs	9.30	9.41	1.67	1.00	-14.71	3.29	2.25	0.51	0.76	0.51	0.82	0.34	0
997	☐	639	2.25	18.97	0.38	36.76	ceeds Capac	0 - 09:52 hrs	9.25	9.25	1.94	1.00	-17.79	3.31	2.25	0.55	1.00	0.55	1.17	0.55	0
998	☐	64	2.50	56.73	1.91	17.79	Free Surface	0 - 10:03 hrs	10.22	10.22	0.31	0.38	38.94	3.22	2.50	0.00	0.00	0.00	0.00	0.00	1
999	☐	640	2.00	28.60	1.60	34.23	ceeds Capac	0 - 10:22 hrs	10.89	10.89	1.20	1.00	-5.63	3.14	2.00	0.94	0.94	1.06	0.37	0.38	1
1000	☐	641	2.00	35.66	2.48	41.65	ceeds Capac	0 - 10:08 hrs	13.26	13.26	1.17	1.00	-5.99	3.35	2.00	0.73	0.73	0.92	0.47	0.47	1
1001	☐	642	2.00	26.89	1.41	24.26	Backwater	0 - 09:52 hrs	7.72	9.11	0.90	1.00	2.63	2.21	2.00	0.66	0.66	0.70	0.00	0.00	1
1002	☐	643	2.00	19.70	0.76	23.38	ceeds Capac	0 - 09:59 hrs	7.44	7.44	1.19	1.00	-3.68	2.10	2.00	0.61	0.64	0.61	0.66	0.61	0
1003	☐	644	2.00	14.95	0.44	24.46	ceeds Capac	0 - 09:52 hrs	7.84	7.89	1.64	1.00	-9.50	1.72	2.00	0.57	0.64	0.57	0.46	0.31	0
1004	☐	645	2.00	10.88	0.23	18.17	ceeds Capac	0 - 09:52 hrs	5.78	5.78	1.67	1.00	-7.29	1.35	2.00	0.61	0.65	0.61	0.75	0.61	0
1005	☐	646	2.50	54.96	1.80	67.73	ceeds Capac	0 - 09:59 hrs	13.80	13.80	1.23	1.00	-12.77	5.63	2.50	0.33	0.51	0.33	0.61	0.33	0
1006	☐	647	2.50	58.23	2.02	67.73	ceeds Capac	0 - 09:59 hrs	13.80	13.80	1.16	1.00	-9.49	5.63	2.50	0.49	0.49	0.51	0.53	0.48	0
1007	☐	648	2.50	54.56	1.77	67.73	ceeds Capac	0 - 09:59 hrs	13.80	13.80	1.24	1.00	-13.17	5.63	2.50	0.43	0.54	0.44	0.61	0.43	1
1008	☐	649	1.50	13.20	2.10	10.03	Backwater	0 - 10:08 hrs	5.85	5.95	0.76	1.00	3.17	0.41	1.50	0.13	0.13	0.51	0.00	0.00	0
1009	☐	65	1.33	3.96	0.35	5.89	Free Surface	0 - 10:00 hrs	4.60	4.60	1.49	0.86	-1.93	0.62	1.33	0.00	0.76	0.00	0.89	0.00	2
1010	☐	650	1.50	9.46	1.08	10.17	Backwater	0 - 10:00 hrs	5.81	6.18	1.07	1.00	-0.70	0.41	1.50	0.07	0.07	0.09	0.05	0.00	0
1011	☐	651	1.50	4.87	0.29	11.21	Free Surface	0 - 09:59 hrs	6.56	6.56	2.30	0.95	-6.34	0.42	1.50	0.00	0.33	0.00	0.37	0.00	0
1012	☐	652	1.50	4.94	0.29	5.09	ceeds Capac	0 - 09:59 hrs	2.88	2.88	1.03	1.00	-0.15	0.16	1.50	0.17	0.17	0.26	0.01	0.02	0
1013	☐	653	6.50	254.90	0.24	334.24	ceeds Capac	0 - 09:59 hrs	10.07	10.07	1.31	1.00	-79.34	56.95	6.50	0.74	0.95	0.74	1.47	0.74	1
1014	☐	654	6.50	273.98	0.27	451.72	ceeds Capac	0 - 09:59 hrs	13.81	13.81	1.65	1.00	-177.74	66.67	6.50	0.33	0.74	0.33	1.71	0.33	1
1015	☐	655	7.00	264.17	0.17	488.44	ceeds Capac	0 - 00:01 hrs	12.73	13.08	1.85	1.00	-224.27	68.68	3.79	6.41	6.41	24.00	2.20	2.19	0
1016	☐	656	6.00	180.61	0.18	386.12	ceeds Capac	0 - 10:03 hrs	13.66	13.66	2.14	1.00	-205.50	35.04	2.35	4.28	4.28	24.00	1.33	1.33	1
1017	☐	657	6.00	272.89	0.42	344.72	ceeds Capac	0 - 10:03 hrs	12.19	12.19	1.26	1.00	-71.84	33.13	4.62	0.94	0.94	4.28	0.41	0.40	1
1018	☐	658	6.00	202.82	0.23	293.19	ceeds Capac	0 - 10:03 hrs	10.37	10.37	1.45	1.00	-90.37	30.74	5.99	0.92	0.93	0.94	0.90	0.90	3
1019	☐	659	1.00	7.51	5.91	8.58	ceeds Capac	0 - 00:00 hrs	11.44	11.92	1.14	1.00	-1.07	4.78	0.39	23.99	23.99	23.99	11.69	11.68	31
1020	☐	66	1.33	3.07	0.21	5.89	ceeds Capac	0 - 10:00 hrs	4.22	4.22	1.92	1.00	-2.82	0.62	1.33	0.76	0.89	0.76	1.22	0.76	3
1021	☐	660	1.75	39.78	8.39	30.13	Backwater	0 - 10:38 hrs	14.19	17.29	0.76	1.00	9.66	1.79	1.64	0.17	0.17	1.03	0.00	0.00	0
1022	☐	661	6.50	299.04	0.33	285.27	Backwater	0 - 10:03 hrs	8.60	8.60	0.95	1.00	13.77	24.22	6.50	0.65	0.65	0.84	0.00	0.03	3
1023	☐	662	6.50	229.60	0.19	285.20	ceeds Capac	0 - 10:03 hrs	8.59	8.59	1.24	1.00	-55.60	24.24	6.50	0.60	0.60	0.65	0.33	0.33	2
1024	☐	663	4.00	318.76	4.92	117.25	Free Surface	0 - 09:59 hrs	12.29	12.29	0.37	0.71	201.51	9.77	4.00	0.00	0.00	3.87	0.00	0.00	0
1025	☐	664	2.00	16.58	0.54	26.83	ceeds Capac	0 - 09:55 hrs	8.54	8.54	1.62	1.00	-10.26	1.99	2.00	0.61	0.63	0.61	0.67	0.61	0
1026	☐	665	2.00	17.26	0.58	26.82	ceeds Capac	0 - 09:55 hrs	8.54	8.54	1.55	1.00	-9.56	1.99	2.00	0.63	0.64	0.63	0.68	0.63	1
1027	☐	666	2.00	16.92	0.56	26.79	ceeds Capac	0 - 09:55 hrs	8.53	8.53	1.58	1.00	-9.87	1.98	2.00	0.62	0.63	0.62	0.69	0.59	1
1028	☐	667	2.00	17.16	0.58	26.81	ceeds Capac	0 - 09:55 hrs	8.60	8.74	1.56	1.00	-9.65	1.98	2.00	0.36	0.60	0.36	0.69	0.36	0
1029	☐	668	2.50	29.99	0.53	27.06	Backwater	0 - 10:17 hrs	5.86	6.96	0.90	1.00	2.93	1.98	2.50	0.31	0.31	0.36	0.00	0.00	0

EXISTING CONDITIONS 20-YR 24-HR CONDUITS

		ID	Full Depth (ft)	Full Flow (cfs)	Percent Slope (%)	Maximum Flow (cfs)	Maximum Flow Class	Max.Flow Day-Time (day-time)	Velocity at Maximum Flow (ft/s)	Maximum Velocity (ft/s)	Max.Flow/Fu ll Flow	Max.Depth/F ull Depth	Reserve Capacity (cfs)	Total Flow Volume (MG)	Maximum Top Width (ft)	Both End Surcharge Time (hrs)	Upstream Surcharge Time (hrs)	Downstream Surcharge Time (hrs)	Above Full-Flow Time (hrs)	Capacity Limited Time (hrs)	Instability Index
1030	☐	669	2.50	41.34	1.02	39.09	Backwater	0 - 09:56 hrs	7.96	8.90	0.95	1.00	2.25	2.97	2.50	0.44	0.44	0.48	0.00	0.00	1
1031	☐	67	1.33	1.07	0.03	5.90	Backwater	0 - 10:00 hrs	4.23	4.23	5.53	1.00	-4.84	0.62	1.33	0.89	0.89	1.05	5.18	0.00	5
1032	☐	670	2.50	51.46	1.57	60.39	ceeds Capac	0 - 09:57 hrs	12.30	12.30	1.17	1.00	-8.93	3.94	2.50	0.48	0.48	0.59	0.23	0.23	1
1033	☐	671	2.50	55.04	1.80	60.37	ceeds Capac	0 - 09:57 hrs	12.30	12.30	1.10	1.00	-5.32	3.93	2.50	0.58	0.58	0.77	0.19	0.19	1
1034	☐	672	3.50	42.65	0.18	99.49	ceeds Capac	0 - 09:59 hrs	10.34	10.34	2.33	1.00	-56.84	5.59	3.50	0.76	0.77	0.87	0.67	0.61	1
1035	☐	673	3.50	51.58	0.26	99.50	ceeds Capac	0 - 09:59 hrs	10.34	10.34	1.93	1.00	-47.92	5.60	3.50	0.87	0.87	1.04	0.50	0.51	2
1036	☐	674	3.50	51.79	0.26	99.48	ceeds Capac	0 - 09:59 hrs	10.34	10.34	1.92	1.00	-47.69	5.61	3.50	1.04	1.04	2.41	0.49	0.48	6
1037	☐	675	3.50	56.33	0.31	99.48	ceeds Capac	0 - 09:59 hrs	10.34	10.34	1.77	1.00	-43.15	5.63	3.50	2.41	2.41	4.58	0.47	0.46	18
1038	☐	676	3.50	54.64	0.29	99.51	ceeds Capac	0 - 09:59 hrs	10.34	10.34	1.82	1.00	-44.88	5.63	3.50	6.91	6.91	10.07	0.48	0.49	37
1039	☐	677	3.50	48.75	0.23	99.54	ceeds Capac	0 - 09:59 hrs	10.35	10.35	2.04	1.00	-50.80	5.64	3.46	9.59	9.59	11.17	0.52	0.86	38
1040	☐	678	3.75	36.92	0.09	99.52	ceeds Capac	0 - 09:59 hrs	9.01	9.01	2.70	1.00	-62.60	5.64	1.47	9.47	9.48	10.45	0.73	1.04	38
1041	☐	679	5.50	109.82	0.31	293.23	Backwater	0 - 10:03 hrs	12.34	12.34	2.67	1.00	-183.41	30.78	5.40	1.06	1.06	1.24	2.13	0.00	3
1042	☐	68	1.33	6.09	0.84	5.91	Backwater	0 - 10:00 hrs	4.23	4.23	0.97	1.00	0.18	0.62	1.33	0.97	0.97	1.05	0.00	0.35	5
1043	☐	680	2.00	18.74	0.69	14.72	Backwater	0 - 09:53 hrs	4.69	4.69	0.79	1.00	4.02	1.38	2.00	1.22	1.22	2.71	0.00	0.00	6
1044	☐	681	2.00	15.07	0.44	16.76	Backwater	0 - 09:52 hrs	5.70	5.88	1.11	1.00	-1.69	1.39	2.00	0.98	0.98	1.22	0.01	0.00	2
1045	☐	682	2.00	18.95	0.70	19.27	Backwater	0 - 09:52 hrs	6.42	6.55	1.02	1.00	-0.32	1.42	2.00	0.66	0.66	0.98	0.00	0.00	0
1046	☐	683	1.50	3.56	0.15	2.05	Backwater	0 - 09:52 hrs	1.16	1.16	0.58	1.00	1.51	0.00	1.50	0.69	0.69	0.79	0.00	0.00	5
1047	☐	684	3.00	39.66	0.35	32.29	Backwater	0 - 10:27 hrs	4.57	7.16	0.81	1.00	7.37	4.68	3.00	1.21	1.22	1.25	0.00	0.15	3
1048	☐	685	3.00	47.60	0.51	41.62	Backwater	0 - 10:06 hrs	5.89	6.71	0.87	1.00	5.98	4.78	3.00	1.09	1.09	1.20	0.00	0.00	4
1049	☐	686	3.00	39.04	0.34	41.61	ceeds Capac	0 - 10:07 hrs	5.89	6.62	1.07	1.00	-2.57	4.78	3.00	1.00	1.00	1.09	0.24	0.25	4
1050	☐	687	3.00	48.57	0.53	45.88	Backwater	0 - 10:07 hrs	6.49	6.99	0.94	1.00	2.69	4.80	3.00	0.88	0.88	1.00	0.00	0.00	2
1051	☐	688	3.00	33.51	0.25	45.90	ceeds Capac	0 - 10:07 hrs	6.49	7.07	1.37	1.00	-12.39	4.80	3.00	0.87	0.87	0.88	0.47	0.48	3
1052	☐	689	3.00	35.02	0.28	26.97	Backwater	0 - 10:10 hrs	3.82	5.00	0.77	1.00	8.05	3.71	3.00	0.81	0.81	0.84	0.00	0.01	4
1053	☐	69	1.33	1.33	0.04	5.89	ceeds Capac	0 - 10:00 hrs	4.22	4.22	4.42	1.00	-4.56	0.62	1.33	0.97	1.32	0.97	4.04	0.97	3
1054	☐	690	3.00	51.69	0.60	26.99	Backwater	0 - 10:10 hrs	3.82	6.36	0.52	1.00	24.70	3.71	3.00	0.67	0.67	0.79	0.00	0.00	3
1055	☐	691	3.00	17.98	0.07	27.01	ceeds Capac	0 - 10:10 hrs	3.82	5.68	1.50	1.00	-9.03	3.71	3.00	0.67	0.67	0.67	0.81	0.43	3
1056	☐	692	3.00	33.31	0.25	27.00	Backwater	0 - 10:10 hrs	3.82	5.18	0.81	1.00	6.31	3.72	3.00	0.66	0.67	0.67	0.00	0.19	2
1057	☐	693	4.00	136.73	0.91	129.97	Backwater	0 - 11:56 hrs	10.44	11.19	0.95	1.00	6.76	23.98	4.00	1.34	1.34	2.06	0.00	0.00	5
1058	☐	694	1.50	7.90	0.75	16.63	ceeds Capac	0 - 13:12 hrs	9.41	9.41	2.10	1.00	-8.73	1.39	1.50	4.21	4.21	6.54	3.27	3.13	13
1059	☐	697	4.00	83.60	0.34	122.28	ceeds Capac	0 - 09:53 hrs	9.75	9.79	1.46	1.00	-38.67	22.60	4.00	1.48	2.84	1.48	2.57	0.80	4
1060	☐	699	5.00	142.19	0.30	134.82	Backwater	0 - 10:07 hrs	6.87	6.87	0.95	1.00	7.37	23.66	5.00	1.12	1.12	2.00	0.00	0.00	2
1061	☐	7	3.50	25.57	0.06	95.12	ceeds Capac	0 - 00:01 hrs	12.47	12.47	3.72	1.00	-69.55	7.85	1.37	23.97	23.97	23.98	2.37	5.69	90
1062	☐	700	5.00	131.58	0.26	115.42	Backwater	0 - 10:07 hrs	5.88	7.27	0.88	1.00	16.16	21.48	5.00	0.92	0.92	1.12	0.00	0.00	3
1063	☐	701	5.00	163.16	0.39	115.46	Free Surface	0 - 10:07 hrs	5.97	8.79	0.71	0.97	47.70	21.48	5.00	0.00	0.00	0.56	0.00	0.00	0
1064	☐	702	2.00	32.51	2.06	22.49	Backwater	0 - 09:51 hrs	7.16	7.16	0.69	1.00	10.02	2.19	2.00	2.47	2.47	2.86	0.00	0.00	8
1065	☐	703	2.00	17.78	0.62	22.49	ceeds Capac	0 - 09:51 hrs	7.16	7.16	1.27	1.00	-4.71	2.19	2.00	2.09	2.09	2.47	0.73	0.75	9
1066	☐	704	2.00	20.42	0.82	22.49	ceeds Capac	0 - 09:51 hrs	7.16	7.16	1.10	1.00	-2.06	2.19	2.00	1.05	1.05	2.09	0.10	0.13	3
1067	☐	706	2.00	16.79	0.55	22.88	ceeds Capac	0 - 09:49 hrs	7.30	7.30	1.36	1.00	-6.09	2.19	2.00	0.91	0.91	1.05	0.85	0.79	3
1068	☐	707	2.00	8.80	0.15	18.03	ceeds Capac	0 - 10:00 hrs	5.74	5.74	2.05	1.00	-9.24	1.30	2.00	0.94	0.94	0.98	0.90	0.85	0
1069	☐	708	4.50	99.12	0.25	95.62	Backwater	0 - 12:27 hrs	6.26	8.86	0.96	1.00	3.50	26.70	4.50	1.77	1.77	2.08	0.00	0.03	7
1070	☐	709	4.50	135.51	0.47	545.86	Backwater	0 - 14:59 hrs	62.29	62.29	4.03	1.00	-410.35	26.68	4.50	2.07	2.08	2.10	0.00	0.69	6
1071	☐	71	1.75	9.03	0.43	11.91	Free Surface	0 - 10:15 hrs	5.37	5.37	1.32	0.87	-2.87	2.61	1.75	0.00	2.46	0.00	2.85	0.00	10
1072	☐	710	4.50	69.52	0.36	161.47	ceeds Capac	0 - 09:53 hrs	10.22	10.41	2.32	1.00	-91.95	38.17	4.50	0.98	4.19	0.98	6.35	0.98	18
1073	☐	711	4.50	114.46	0.34	161.42	ceeds Capac	0 - 09:53 hrs	10.15	10.15	1.41	1.00	-46.96	38.19	4.50	3.82	3.82	3.84	3.66	3.16	18
1074	☐	712	4.50	129.64	0.43	137.14	ceeds Capac	0 - 10:45 hrs	8.62	8.88	1.06	1.00	-7.49	36.19	4.50	3.18	3.18	3.54	0.70	0.73	9
1075	☐	713	4.50	129.54	0.43	161.35	ceeds Capac	0 - 09:53 hrs	10.14	10.14	1.25	1.00	-31.80	38.20	4.50	3.54	3.54	3.82	1.74	1.80	14
1076	☐	715	2.00	6.65	0.09	25.64	ceeds Capac	0 - 09:52 hrs	8.16	8.16	3.86	1.00	-18.99	2.53	2.00	1.62	1.69	1.62	3.71	1.61	3
1077	☐	716	2.00	14.88	0.43	25.64	ceeds Capac	0 - 09:52 hrs	8.16	8.16	1.72	1.00	-10.76	2.45	2.00	1.69	1.69	1.82	0.52	0.55	7
1078	☐	717	2.00	9.99	0.20	25.64	ceeds Capac	0 - 09:52 hrs	8.24	8.62	2.57	1.00	-15.65	2.45	2.00	1.21	1.71	1.21	1.96	1.21	3

EXISTING CONDITIONS 20-YR 24-HR CONDUITS

		ID	Full Depth (ft)	Full Flow (cfs)	Percent Slope (%)	Maximum Flow (cfs)	Maximum Flow Class	Max.Flow Day-Time (day-time)	Velocity at Maximum Flow (ft/s)	Maximum Velocity (ft/s)	Max.Flow/Fu ll Flow	Max.Depth/F ull Depth	Reserve Capacity (cfs)	Total Flow Volume (MG)	Maximum Top Width (ft)	Both End Surcharge Time (hrs)	Upstream Surcharge Time (hrs)	Downstream Surcharge Time (hrs)	Above Full-Flow Time (hrs)	Capacity Limited Time (hrs)	Instability Index
1079	☐	718	2.00	44.74	3.91	21.55	Backwater	0 - 09:52 hrs	8.59	8.59	0.48	1.00	23.18	2.45	2.00	1.21	1.21	1.43	0.00	0.00	4
1080	☐	719	2.50	16.66	0.22	37.22	ceeds Capac	0 - 09:56 hrs	7.62	7.66	2.23	1.00	-20.56	2.55	2.50	0.56	0.71	0.56	0.97	0.56	1
1081	☐	72	1.75	9.44	0.47	11.91	ceeds Capac	0 - 11:22 hrs	4.95	4.95	1.26	1.00	-2.47	2.61	1.75	2.46	2.52	2.46	2.78	2.46	12
1082	☐	720	2.50	49.92	1.48	35.48	Backwater	0 - 09:55 hrs	8.32	8.90	0.71	1.00	14.44	2.54	2.50	0.56	0.56	0.62	0.00	0.00	2
1083	☐	721	3.00	37.09	0.31	36.82	Backwater	0 - 09:55 hrs	6.59	6.88	0.99	1.00	0.28	2.54	3.00	0.55	0.55	0.59	0.00	0.01	3
1084	☐	722	3.00	46.46	0.49	35.18	Backwater	0 - 09:55 hrs	5.64	7.18	0.76	1.00	11.28	2.54	3.00	0.59	0.59	0.86	0.00	0.00	3
1085	☐	723	3.00	47.12	0.50	32.48	Backwater	0 - 09:53 hrs	5.33	6.70	0.69	1.00	14.64	2.54	3.00	0.87	0.87	1.03	0.00	0.00	4
1086	☐	724	3.00	42.01	0.40	27.69	Backwater	0 - 10:22 hrs	3.92	3.95	0.66	1.00	14.32	2.54	3.00	1.03	1.03	1.22	0.00	0.00	4
1087	☐	725	3.00	43.12	0.42	39.92	Backwater	0 - 10:22 hrs	5.65	5.65	0.93	1.00	3.21	4.98	3.00	1.36	1.36	3.42	0.00	0.00	4
1088	☐	726	3.00	29.83	0.20	42.25	ceeds Capac	0 - 09:56 hrs	5.99	6.17	1.42	1.00	-12.42	2.21	3.00	0.34	0.35	0.39	0.31	0.26	0
1089	☐	727	3.00	37.20	0.31	35.59	Backwater	0 - 10:02 hrs	5.03	5.28	0.96	1.00	1.61	2.20	3.00	0.39	0.39	0.62	0.00	0.00	1
1090	☐	728	3.50	64.80	0.41	45.96	Backwater	0 - 10:03 hrs	4.78	6.39	0.71	1.00	18.84	3.35	3.50	0.56	0.56	0.67	0.00	0.00	2
1091	☐	729	3.50	43.26	0.18	45.93	ceeds Capac	0 - 10:12 hrs	4.77	5.02	1.06	1.00	-2.67	3.35	3.50	0.67	0.67	0.90	0.28	0.30	1
1092	☐	73	1.75	7.88	0.33	11.90	ceeds Capac	0 - 09:40 hrs	4.95	4.95	1.51	1.00	-4.03	2.61	1.75	2.35	2.71	2.35	3.38	2.35	9
1093	☐	730	3.50	64.83	0.42	41.00	Backwater	0 - 10:15 hrs	4.26	4.26	0.63	1.00	23.83	3.26	3.50	1.41	1.41	3.01	0.00	0.00	7
1094	☐	731	3.50	73.33	0.53	41.00	Backwater	0 - 10:15 hrs	4.26	5.33	0.56	1.00	32.33	3.26	3.50	1.09	1.09	1.41	0.00	0.00	3
1095	☐	733	2.50	21.90	0.29	35.76	ceeds Capac	0 - 09:55 hrs	7.28	7.28	1.63	1.00	-13.85	2.97	2.50	1.22	1.22	1.43	0.60	0.60	1
1096	☐	734	2.50	42.25	1.06	35.77	Backwater	0 - 09:55 hrs	7.29	7.29	0.85	1.00	6.48	3.03	2.50	0.94	0.94	1.22	0.00	0.00	1
1097	☐	735	2.25	35.17	1.29	14.16	Backwater	0 - 10:00 hrs	3.56	4.02	0.40	1.00	21.01	1.00	2.25	0.79	0.79	0.97	0.00	0.00	3
1098	☐	736	2.25	14.84	0.23	14.16	Backwater	0 - 10:07 hrs	3.56	4.70	0.95	1.00	0.68	1.00	2.25	0.75	0.75	0.81	0.00	0.10	2
1099	☐	737	2.25	14.70	0.23	14.15	Backwater	0 - 10:00 hrs	3.56	4.67	0.96	1.00	0.55	1.00	2.25	0.69	0.69	0.72	0.00	0.09	2
1100	☐	738	2.00	14.60	0.42	15.15	Backwater	0 - 09:53 hrs	5.50	5.51	1.04	1.00	-0.55	1.00	2.00	0.63	0.63	0.70	0.00	0.07	2
1101	☐	739	2.00	15.27	0.46	15.85	Backwater	0 - 09:53 hrs	5.11	5.14	1.04	1.00	-0.58	1.00	2.00	0.57	0.57	0.66	0.01	0.00	1
1102	☐	74	2.00	32.06	2.01	32.72	Backwater	0 - 10:07 hrs	10.80	11.58	1.02	1.00	-0.66	1.55	2.00	0.03	0.03	0.12	0.02	0.00	0
1103	☐	740	2.50	21.23	0.27	45.50	ceeds Capac	0 - 09:56 hrs	9.27	9.27	2.14	1.00	-24.26	3.95	2.50	1.40	1.41	1.42	1.24	1.20	1
1104	☐	741	2.00	10.76	0.23	19.42	ceeds Capac	0 - 09:56 hrs	6.18	6.27	1.80	1.00	-8.66	0.99	2.00	0.56	0.59	0.59	0.47	0.42	0
1105	☐	742	1.75	7.45	0.29	14.21	ceeds Capac	0 - 11:08 hrs	5.91	5.91	1.91	1.00	-6.76	2.47	1.75	2.09	2.99	2.09	3.56	2.09	2
1106	☐	743	1.75	9.28	0.46	14.22	ceeds Capac	0 - 11:08 hrs	5.91	5.91	1.53	1.00	-4.94	2.47	1.75	1.52	2.09	1.52	2.63	1.52	7
1107	☐	744	2.00	12.45	0.30	18.03	ceeds Capac	0 - 10:04 hrs	5.74	5.74	1.45	1.00	-5.57	2.08	2.00	1.00	1.02	1.00	1.31	0.22	2
1108	☐	745	2.50	28.13	0.47	36.93	ceeds Capac	0 - 09:52 hrs	7.52	7.52	1.31	1.00	-8.80	4.07	2.50	0.91	0.92	0.95	0.08	0.03	2
1109	☐	746	2.50	26.79	0.43	37.04	ceeds Capac	0 - 09:52 hrs	7.56	7.74	1.38	1.00	-10.25	4.07	2.50	0.92	0.95	0.92	0.15	0.08	2
1110	☐	747	3.00	36.75	0.30	35.91	Backwater	0 - 09:52 hrs	5.70	5.81	0.98	1.00	0.84	4.07	3.00	0.96	0.96	1.02	0.00	0.00	3
1111	☐	748	1.50	7.56	0.69	14.76	ceeds Capac	0 - 09:53 hrs	8.35	8.35	1.95	1.00	-7.21	0.76	1.50	0.85	0.89	0.98	0.57	0.52	1
1112	☐	749	3.00	47.87	0.52	46.88	Backwater	0 - 09:52 hrs	7.11	7.53	0.98	1.00	0.99	4.83	3.00	1.01	1.01	1.04	0.00	0.01	5
1113	☐	75	1.75	7.08	0.27	8.67	ceeds Capac	0 - 09:59 hrs	3.87	3.90	1.22	1.00	-1.59	0.34	1.75	0.08	0.09	0.08	0.19	0.05	0
1114	☐	750	3.00	38.79	0.34	45.68	ceeds Capac	0 - 09:53 hrs	6.46	6.46	1.18	1.00	-6.89	4.82	3.00	1.08	1.08	1.13	0.02	0.01	4
1115	☐	751	3.00	41.80	0.39	45.69	ceeds Capac	0 - 09:53 hrs	6.46	6.46	1.09	1.00	-3.89	4.83	3.00	1.13	1.13	1.23	0.01	0.01	4
1116	☐	752	2.25	17.46	0.32	17.41	Backwater	0 - 09:53 hrs	4.43	4.50	1.00	1.00	0.04	0.01	2.25	0.68	0.68	0.90	0.00	0.00	4
1117	☐	753	3.00	44.96	0.45	52.84	ceeds Capac	0 - 09:55 hrs	7.48	7.48	1.18	1.00	-7.88	6.67	3.00	1.19	1.19	1.26	0.38	0.38	2
1118	☐	754	3.00	49.40	0.55	73.70	ceeds Capac	0 - 09:55 hrs	10.43	10.43	1.49	1.00	-24.31	7.66	3.00	1.27	1.27	1.39	0.93	0.95	3
1119	☐	755	3.00	45.05	0.46	68.04	ceeds Capac	0 - 09:55 hrs	9.63	9.63	1.51	1.00	-22.98	7.41	3.00	1.26	1.26	1.27	1.32	1.21	3
1120	☐	756	3.50	64.49	0.41	107.10	ceeds Capac	0 - 09:56 hrs	11.13	11.13	1.66	1.00	-42.61	11.62	3.50	0.66	1.20	0.66	1.38	0.66	1
1121	☐	757	1.50	6.91	0.58	8.42	Backwater	0 - 09:56 hrs	4.78	5.21	1.22	1.00	-1.51	0.00	1.50	0.58	0.58	0.69	0.00	0.00	3
1122	☐	758	2.25	40.80	1.74	26.75	Backwater	0 - 09:59 hrs	6.73	6.73	0.66	1.00	14.05	1.07	2.25	0.29	0.29	0.93	0.00	0.00	0
1123	☐	759	3.50	121.98	1.47	131.16	ceeds Capac	0 - 09:56 hrs	13.63	13.83	1.08	1.00	-9.19	13.12	3.50	0.64	0.64	0.83	0.07	0.07	2
1124	☐	76	1.75	8.43	0.38	8.88	Backwater	0 - 10:00 hrs	3.88	3.89	1.05	1.00	-0.45	0.34	1.75	0.06	0.06	0.09	0.03	0.01	0
1125	☐	760	5.00	113.45	0.54	185.61	Free Surface	0 - 10:02 hrs	10.54	10.57	1.64	0.85	-72.15	17.37	5.00	0.00	0.95	0.00	1.06	0.00	0
1126	☐	761	5.00	106.67	0.48	50.65	Backwater	0 - 10:03 hrs	2.58	2.58	0.47	1.00	56.02	2.46	5.00	0.56	0.56	0.97	0.00	0.00	1
1127	☐	763	5.00	101.80	0.44	50.65	Backwater	0 - 10:03 hrs	2.58	4.37	0.50	1.00	51.15	2.46	5.00	0.19	0.19	0.53	0.00	0.00	1

EXISTING CONDITIONS 20-YR 24-HR CONDUITS

		ID	Full Depth (ft)	Full Flow (cfs)	Percent Slope (%)	Maximum Flow (cfs)	Maximum Flow Class	Max.Flow Day-Time (day-time)	Velocity at Maximum Flow (ft/s)	Maximum Velocity (ft/s)	Max.Flow/Fu ll Flow	Max.Depth/F ull Depth	Reserve Capacity (cfs)	Total Flow Volume (MG)	Maximum Top Width (ft)	Both End Surcharge Time (hrs)	Upstream Surcharge Time (hrs)	Downstream Surcharge Time (hrs)	Above Full-Flow Time (hrs)	Capacity Limited Time (hrs)	Instability Index
1128	☐	764	5.00	147.01	0.91	7.59	Free Surface	0 - 10:00 hrs	0.77	0.77	0.05	0.51	139.42	0.00	5.00	0.00	0.00	0.17	0.00	0.00	0
1129	☐	767	5.00	488.15	3.51	0.00	Free Surface	0 - 00:00 hrs	0.00	0.00	0.00	0.00	488.15	0.00	0.82	0.00	0.00	0.00	0.00	0.00	0
1130	☐	768	4.50	142.84	0.53	151.14	Backwater	0 - 09:52 hrs	9.75	10.30	1.06	1.00	-8.30	16.82	4.50	1.07	1.07	1.23	0.01	0.05	4
1131	☐	769	4.50	123.82	0.40	131.62	ceeds Capac	0 - 09:52 hrs	8.28	8.50	1.06	1.00	-7.80	14.58	4.50	1.12	1.12	1.12	0.48	0.36	3
1132	☐	77	1.75	9.39	0.47	9.18	Free Surface	0 - 09:59 hrs	4.26	4.27	0.98	0.88	0.21	0.34	1.75	0.00	0.00	0.06	0.00	0.00	0
1133	☐	770	4.50	124.55	0.40	160.65	ceeds Capac	0 - 09:52 hrs	10.46	10.46	1.29	1.00	-36.10	16.83	4.50	1.07	1.11	1.07	1.15	0.89	4
1134	☐	771	5.50	225.47	0.45	231.33	ceeds Capac	0 - 09:59 hrs	9.74	9.95	1.03	1.00	-5.86	42.84	5.50	1.07	1.07	1.20	0.19	0.18	3
1135	☐	772	2.50	36.97	0.81	42.85	ceeds Capac	0 - 10:00 hrs	8.73	8.73	1.16	1.00	-5.88	2.88	2.50	0.94	0.94	1.24	0.25	0.25	1
1136	☐	774	3.50	32.50	0.10	33.17	ceeds Capac	0 - 10:02 hrs	3.45	3.86	1.02	1.00	-0.67	1.74	3.50	0.51	0.51	0.55	0.10	0.10	1
1137	☐	775	3.50	47.83	0.23	42.13	Backwater	0 - 09:59 hrs	4.38	4.38	0.88	1.00	5.70	2.20	3.50	0.55	0.55	0.61	0.00	0.03	1
1138	☐	776	3.50	51.61	0.26	42.13	Backwater	0 - 09:59 hrs	4.38	4.57	0.82	1.00	9.48	2.20	3.50	0.44	0.44	0.55	0.00	0.01	0
1139	☐	777	1.75	5.06	0.14	9.82	ceeds Capac	0 - 09:56 hrs	4.08	4.08	1.94	1.00	-4.75	0.40	1.75	0.64	0.65	0.67	0.20	0.15	2
1140	☐	778	3.50	27.37	0.07	32.17	ceeds Capac	0 - 09:59 hrs	3.34	3.34	1.18	1.00	-4.80	1.34	3.50	0.48	0.48	0.49	0.13	0.11	1
1141	☐	779	3.50	51.12	0.26	35.13	Backwater	0 - 09:56 hrs	4.13	4.13	0.69	1.00	15.99	0.97	3.50	0.42	0.42	0.47	0.00	0.00	1
1142	☐	78	1.75	22.54	2.70	9.66	Free Surface	0 - 09:59 hrs	6.13	6.13	0.43	0.63	12.88	0.34	1.75	0.00	0.00	0.00	0.00	0.00	0
1143	☐	780	2.50	11.91	0.08	12.48	ceeds Capac	0 - 09:44 hrs	2.54	2.54	1.05	1.00	-0.57	1.89	2.50	17.65	17.65	18.04	0.18	0.20	55
1144	☐	781	2.00	10.69	0.22	12.50	ceeds Capac	0 - 09:42 hrs	3.98	3.98	1.17	1.00	-1.81	1.90	2.00	17.81	17.81	18.07	0.36	0.46	74
1145	☐	782	2.00	11.20	0.25	12.49	ceeds Capac	0 - 09:42 hrs	3.98	3.98	1.12	1.00	-1.29	1.91	2.00	17.56	17.56	17.81	0.28	0.30	72
1146	☐	783	2.00	12.29	0.29	12.49	ceeds Capac	0 - 09:42 hrs	3.97	3.97	1.02	1.00	-0.20	2.21	2.00	16.81	16.81	17.56	0.05	0.24	48
1147	☐	784	2.00	14.52	0.41	12.49	Backwater	0 - 09:44 hrs	3.98	3.98	0.86	1.00	2.03	2.22	2.00	16.49	16.49	16.82	0.00	0.04	63
1148	☐	785	2.00	12.74	0.32	13.89	ceeds Capac	0 - 10:38 hrs	4.42	4.42	1.09	1.00	-1.15	2.27	2.00	16.17	16.17	16.42	1.04	1.09	62
1149	☐	786	2.00	12.21	0.29	14.61	ceeds Capac	0 - 10:29 hrs	4.65	4.65	1.20	1.00	-2.40	2.30	2.00	15.79	15.79	16.08	1.09	1.11	54
1150	☐	787	2.00	4.64	0.04	27.18	ceeds Capac	0 - 09:56 hrs	8.65	8.65	5.86	1.00	-22.54	1.34	2.00	14.17	14.20	14.17	1.57	4.08	48
1151	☐	788	2.25	6.50	0.04	27.18	Backwater	0 - 09:56 hrs	6.84	6.84	4.18	1.00	-20.68	1.35	2.25	14.14	14.14	14.17	1.01	3.48	44
1152	☐	789	2.00	12.89	0.32	27.18	ceeds Capac	0 - 09:56 hrs	8.65	8.65	2.11	1.00	-14.29	1.35	2.00	14.22	14.22	14.26	0.48	1.77	51
1153	☐	79	3.00	41.33	0.38	40.91	Backwater	0 - 09:59 hrs	5.79	5.79	0.99	1.00	0.42	6.12	3.00	1.08	1.08	2.64	0.00	0.01	2
1154	☐	790	2.00	10.12	0.20	27.18	ceeds Capac	0 - 09:56 hrs	8.65	8.65	2.68	1.00	-17.06	1.35	2.00	14.16	14.16	14.16	0.62	0.59	50
1155	☐	792	2.00	15.66	0.48	7.99	Backwater	0 - 09:59 hrs	2.54	2.54	0.51	1.00	7.67	0.27	2.00	14.07	14.07	14.16	0.00	0.00	92
1156	☐	793	2.00	20.76	0.84	2.40	Backwater	0 - 09:59 hrs	0.76	1.49	0.12	1.00	18.36	0.08	2.00	14.03	14.03	14.16	0.00	0.00	57
1157	☐	794	2.00	19.50	0.74	2.61	Backwater	0 - 09:57 hrs	0.85	1.62	0.13	1.00	16.90	0.08	2.00	13.96	13.96	14.03	0.00	0.14	58
1158	☐	796	2.25	10.77	0.12	17.08	ceeds Capac	0 - 09:57 hrs	4.29	4.29	1.59	1.00	-6.30	0.70	2.25	14.06	14.08	14.06	0.29	0.50	55
1159	☐	797	2.00	8.51	0.14	17.04	ceeds Capac	0 - 09:57 hrs	5.42	5.42	2.00	1.00	-8.53	0.71	2.00	14.11	14.11	14.11	0.36	0.45	45
1160	☐	799	2.00	10.90	0.23	17.04	ceeds Capac	0 - 09:57 hrs	5.42	5.42	1.56	1.00	-6.14	0.71	2.00	14.11	14.11	14.11	0.28	0.28	47
1161	☐	8	4.50	136.95	0.49	66.24	Backwater	0 - 11:42 hrs	4.16	4.16	0.48	1.00	70.71	16.18	4.50	18.74	18.74	21.33	0.00	0.00	61
1162	☐	80	2.50	23.79	0.34	13.39	Backwater	0 - 11:03 hrs	3.05	5.00	0.56	1.00	10.40	4.95	2.50	0.92	0.92	1.20	0.00	0.01	3
1163	☐	800	2.00	7.79	0.12	17.05	ceeds Capac	0 - 09:57 hrs	5.43	5.43	2.19	1.00	-9.26	0.72	2.00	14.11	14.11	14.11	0.42	0.74	53
1164	☐	801	2.25	9.77	0.10	22.97	ceeds Capac	0 - 10:11 hrs	5.78	5.78	2.35	1.00	-13.20	1.62	2.25	14.15	14.16	14.15	0.79	2.19	55
1165	☐	802	2.50	12.93	0.10	20.94	ceeds Capac	0 - 09:52 hrs	4.27	4.27	1.62	1.00	-8.01	1.58	2.50	14.14	14.14	14.14	0.59	1.27	61
1166	☐	803	2.50	13.04	0.10	20.92	ceeds Capac	0 - 09:53 hrs	4.26	4.26	1.60	1.00	-7.89	1.58	2.50	14.13	14.14	14.13	0.57	1.27	54
1167	☐	804	2.50	15.22	0.14	20.92	ceeds Capac	0 - 09:53 hrs	4.26	4.26	1.37	1.00	-5.70	1.57	2.50	14.13	14.13	14.14	0.48	0.47	39
1168	☐	805	2.50	23.48	0.33	20.92	Backwater	0 - 09:53 hrs	4.26	4.26	0.89	1.00	2.56	1.56	2.50	14.14	14.14	14.30	0.00	0.01	46
1169	☐	806	2.50	13.53	0.09	20.92	Backwater	0 - 09:53 hrs	4.26	4.26	1.55	1.00	-7.39	1.55	2.50	14.18	14.18	14.30	0.53	0.01	49
1170	☐	807	2.00	15.95	0.50	11.29	Free Surface	0 - 09:59 hrs	5.36	5.37	0.71	0.64	4.66	0.41	2.00	0.00	0.00	0.00	0.00	0.00	0
1171	☐	808	2.00	11.29	0.25	10.74	Free Surface	0 - 10:00 hrs	5.01	5.01	0.95	0.64	0.56	0.41	2.00	0.00	0.00	0.00	0.00	0.00	0
1172	☐	809	2.00	34.93	2.38	10.73	Free Surface	0 - 10:00 hrs	6.28	6.29	0.31	0.54	24.20	0.41	2.00	0.00	0.00	0.00	0.00	0.00	0
1173	☐	81	2.00	32.34	2.04	6.75	Free Surface	0 - 09:55 hrs	2.77	2.77	0.21	0.76	25.59	0.00	2.00	0.00	0.00	0.95	0.00	0.00	0
1174	☐	810	2.00	31.70	1.96	27.42	Free Surface	0 - 09:59 hrs	9.55	9.72	0.87	0.86	4.27	1.07	2.00	0.00	0.00	0.09	0.00	0.00	0
1175	☐	811	2.00	25.50	1.27	27.42	Free Surface	0 - 09:59 hrs	9.62	9.62	1.08	0.86	-1.92	1.07	2.00	0.00	0.09	0.00	0.05	0.00	0
1176	☐	812	2.00	30.66	1.84	26.86	Free Surface	0 - 10:00 hrs	10.65	10.72	0.88	0.75	3.80	1.07	2.00	0.00	0.00	0.00	0.00	0.00	0

EXISTING CONDITIONS 20-YR 24-HR CONDUITS

		ID	Full Depth (ft)	Full Flow (cfs)	Percent Slope (%)	Maximum Flow (cfs)	Maximum Flow Class	Max.Flow Day-Time (day-time)	Velocity at Maximum Flow (ft/s)	Maximum Velocity (ft/s)	Max.Flow/Fu ll Flow	Max.Depth/F ull Depth	Reserve Capacity (cfs)	Total Flow Volume (MG)	Maximum Top Width (ft)	Both End Surcharge Time (hrs)	Upstream Surcharge Time (hrs)	Downstream Surcharge Time (hrs)	Above Full-Flow Time (hrs)	Capacity Limited Time (hrs)	Instability Index
1177	☐	813	2.00	28.14	1.55	26.70	Free Surface	0 - 10:00 hrs	9.54	10.09	0.95	0.87	1.44	1.07	2.00	0.00	0.00	0.00	0.00	0.00	0
1178	☐	814	2.00	22.76	1.01	26.70	Free Surface	0 - 10:00 hrs	8.67	8.67	1.17	0.95	-3.94	1.07	2.00	0.00	0.05	0.00	0.15	0.00	0
1179	☐	815	2.00	37.43	2.74	26.68	Free Surface	0 - 10:00 hrs	12.94	12.94	0.71	0.62	10.75	1.07	2.00	0.00	0.00	0.00	0.00	0.00	0
1180	☐	816	2.75	8.74	0.03	57.93	Free Surface	0 - 09:59 hrs	9.96	9.96	6.63	0.95	-49.19	4.01	2.75	0.00	0.00	0.65	3.61	0.00	1
1181	☐	817	2.75	47.71	0.81	52.14	ceeds Capac	0 - 10:14 hrs	8.78	8.78	1.09	1.00	-4.43	3.79	2.75	0.48	0.48	0.65	0.36	0.36	1
1182	☐	818	2.50	42.45	1.07	52.13	ceeds Capac	0 - 10:14 hrs	10.62	10.62	1.23	1.00	-9.68	3.79	2.50	0.45	0.45	0.50	0.42	0.41	1
1183	☐	819	2.50	69.89	2.90	73.63	ceeds Capac	0 - 10:04 hrs	15.00	15.00	1.05	1.00	-3.74	3.93	2.50	0.26	0.26	0.44	0.18	0.18	0
1184	☐	82	2.50	20.80	0.26	12.20	Backwater	0 - 10:55 hrs	3.28	4.76	0.59	1.00	8.60	4.95	2.50	0.60	0.60	0.84	0.00	0.01	5
1185	☐	820	2.50	68.99	2.83	44.23	Free Surface	0 - 09:59 hrs	10.62	10.62	0.64	0.79	24.76	1.93	2.50	0.00	0.00	0.26	0.00	0.00	0
1186	☐	821	2.50	33.24	0.66	44.85	Free Surface	0 - 09:59 hrs	9.35	9.35	1.35	0.94	-11.61	1.94	2.50	0.00	0.16	0.00	0.22	0.00	0
1187	☐	822	2.50	31.67	0.60	44.86	ceeds Capac	0 - 09:59 hrs	9.14	9.14	1.42	1.00	-13.19	1.94	2.50	0.14	0.18	0.14	0.23	0.14	0
1188	☐	823	2.50	29.61	0.52	44.82	ceeds Capac	0 - 09:59 hrs	9.13	9.13	1.51	1.00	-15.21	1.94	2.50	0.18	0.19	0.18	0.26	0.18	0
1189	☐	824	4.50	563.18	8.20	88.56	Free Surface	0 - 10:14 hrs	17.17	19.11	0.16	0.36	474.63	22.14	4.32	0.00	0.00	0.00	0.00	0.00	0
1190	☐	825	4.50	137.74	0.49	88.56	Free Surface	0 - 10:12 hrs	9.02	9.02	0.64	0.59	49.18	22.14	4.50	0.00	0.00	0.00	0.00	0.00	0
1191	☐	826	4.50	155.55	0.63	88.56	Free Surface	0 - 10:26 hrs	10.09	10.09	0.57	0.54	66.99	22.14	4.50	0.00	0.00	0.00	0.00	0.00	0
1192	☐	827	4.00	430.88	9.00	88.56	Free Surface	0 - 10:26 hrs	15.79	15.79	0.21	0.46	342.33	22.15	3.99	0.00	0.00	0.00	0.00	0.00	0
1193	☐	828	4.00	67.05	0.22	88.56	Free Surface	0 - 10:26 hrs	8.77	8.77	1.32	0.75	-21.50	22.15	4.00	0.00	0.00	0.00	3.76	0.00	0
1194	☐	829	4.00	125.82	0.77	88.56	Free Surface	0 - 10:26 hrs	9.40	9.40	0.70	0.70	37.26	22.16	4.00	0.00	0.00	0.00	0.00	0.00	0
1195	☐	83	1.50	5.69	0.39	12.36	ceeds Capac	0 - 10:59 hrs	7.16	7.16	2.17	1.00	-6.67	4.95	1.50	0.95	14.77	0.95	15.53	0.95	19
1196	☐	830	4.00	90.18	0.39	88.56	Free Surface	0 - 10:25 hrs	8.67	8.67	0.98	0.76	1.63	22.16	4.00	0.00	0.00	0.00	0.00	0.00	0
1197	☐	831	2.25	29.96	0.94	25.62	Backwater	0 - 09:59 hrs	6.44	6.44	0.86	1.00	4.34	7.24	2.25	1.22	1.22	5.04	0.00	0.00	0
1198	☐	832	2.25	19.21	0.38	25.64	ceeds Capac	0 - 09:59 hrs	6.51	6.68	1.33	1.00	-6.43	7.24	2.25	0.00	2.63	0.00	5.14	0.00	3
1199	☐	833	2.25	19.56	0.40	25.64	ceeds Capac	0 - 09:59 hrs	6.45	6.45	1.31	1.00	-6.08	7.24	2.25	2.81	3.08	2.81	4.38	2.81	12
1200	☐	834	2.25	32.05	1.07	25.64	Backwater	0 - 09:59 hrs	6.45	6.70	0.80	1.00	6.42	7.25	2.25	2.65	2.65	3.08	0.00	0.04	15
1201	☐	835	2.25	21.68	0.49	25.63	ceeds Capac	0 - 09:59 hrs	6.45	6.45	1.18	1.00	-3.95	7.24	2.25	2.26	2.26	2.65	2.35	2.00	6
1202	☐	837	3.50	51.11	0.26	86.10	ceeds Capac	0 - 09:59 hrs	8.95	8.95	1.68	1.00	-34.99	12.46	3.50	1.48	1.59	1.48	1.82	1.48	5
1203	☐	838	3.50	55.38	0.30	78.17	ceeds Capac	0 - 10:18 hrs	8.12	8.12	1.41	1.00	-22.79	11.81	3.50	1.55	1.55	1.68	1.48	1.48	2
1204	☐	839	3.00	34.02	0.26	35.49	ceeds Capac	0 - 10:33 hrs	5.02	5.02	1.04	1.00	-1.47	4.92	3.00	1.51	1.51	1.66	0.22	0.24	5
1205	☐	84	2.50	51.72	1.59	39.33	Backwater	0 - 09:59 hrs	8.01	8.01	0.76	1.00	12.38	2.47	2.50	4.13	4.13	12.38	0.00	0.00	20
1206	☐	840	2.00	16.40	0.53	21.63	ceeds Capac	0 - 09:49 hrs	6.89	6.89	1.32	1.00	-5.23	2.32	2.00	0.98	0.98	1.12	0.61	0.60	1
1207	☐	841	2.00	17.27	0.58	25.23	ceeds Capac	0 - 09:59 hrs	8.03	8.03	1.46	1.00	-7.96	1.93	2.00	0.90	0.90	0.98	0.65	0.64	1
1208	☐	842	2.00	6.49	0.08	21.61	ceeds Capac	0 - 09:49 hrs	6.88	6.88	3.33	1.00	-15.12	2.31	2.00	0.87	1.29	0.87	3.02	0.87	3
1209	☐	843	2.00	19.63	0.75	21.62	ceeds Capac	0 - 09:49 hrs	6.88	6.88	1.10	1.00	-1.98	2.24	2.00	0.99	0.99	1.05	0.24	0.28	2
1210	☐	844	2.00	20.30	0.81	21.60	ceeds Capac	0 - 09:49 hrs	6.88	7.12	1.06	1.00	-1.30	2.31	2.00	0.95	0.95	0.97	0.17	0.17	3
1211	☐	845	2.00	17.26	0.58	28.94	ceeds Capac	0 - 09:49 hrs	9.21	9.21	1.68	1.00	-11.68	3.01	2.00	0.91	1.10	0.91	1.23	0.91	2
1212	☐	846	1.25	9.56	2.91	9.72	ceeds Capac	0 - 09:59 hrs	7.92	8.75	1.02	1.00	-0.17	0.32	1.25	0.06	0.06	0.12	0.01	0.01	0
1213	☐	847	2.50	30.25	0.54	58.52	ceeds Capac	0 - 09:59 hrs	11.92	11.92	1.93	1.00	-28.27	4.32	2.50	0.37	0.72	0.37	0.90	0.37	0
1214	☐	848	1.25	9.98	3.18	9.72	Backwater	0 - 09:59 hrs	7.92	7.92	0.97	1.00	0.26	0.32	1.25	0.16	0.16	1.09	0.00	0.00	0
1215	☐	849	2.25	23.60	0.58	43.45	ceeds Capac	0 - 09:57 hrs	10.93	10.93	1.84	1.00	-19.86	3.83	2.25	0.46	0.77	0.46	1.06	0.46	2
1216	☐	85	3.50	27.09	0.07	55.48	Backwater	0 - 09:59 hrs	5.77	5.77	2.05	1.00	-28.39	0.14	3.50	10.63	10.63	11.72	0.79	0.37	31
1217	☐	850	2.25	31.57	1.04	43.46	ceeds Capac	0 - 09:57 hrs	10.93	10.93	1.38	1.00	-11.89	3.83	2.25	0.72	0.72	0.77	0.71	0.70	2
1218	☐	851	2.25	35.65	1.32	43.46	ceeds Capac	0 - 09:57 hrs	10.93	10.93	1.22	1.00	-7.82	3.83	2.25	0.68	0.68	0.72	0.48	0.48	2
1219	☐	852	2.25	32.15	1.08	37.28	ceeds Capac	0 - 09:57 hrs	9.38	9.38	1.16	1.00	-5.12	3.62	2.25	0.66	0.66	0.68	0.67	0.63	3
1220	☐	853	2.25	36.89	1.42	37.28	ceeds Capac	0 - 09:57 hrs	9.38	10.69	1.01	1.00	-0.40	3.62	2.25	0.54	0.54	0.63	0.03	0.12	2
1221	☐	854	2.25	26.62	0.74	33.92	ceeds Capac	0 - 09:52 hrs	8.55	8.65	1.27	1.00	-7.30	3.37	2.25	0.54	0.69	0.54	0.77	0.54	2
1222	☐	855	2.25	19.68	0.40	28.94	ceeds Capac	0 - 09:49 hrs	7.29	7.44	1.47	1.00	-9.26	3.01	2.25	0.69	0.85	0.69	1.01	0.65	2
1223	☐	856	2.50	13.58	0.11	58.55	ceeds Capac	0 - 09:59 hrs	11.93	11.93	4.31	1.00	-44.97	4.32	2.50	0.10	0.77	0.10	2.42	0.10	0
1224	☐	857	1.25	8.07	2.08	7.20	Free Surface	0 - 09:59 hrs	7.40	7.43	0.89	0.84	0.87	0.21	1.25	0.00	0.00	0.07	0.00	0.00	0
1225	☐	858	1.25	7.04	1.58	6.95	Backwater	0 - 09:59 hrs	5.93	6.55	0.99	1.00	0.09	0.21	1.25	0.09	0.09	0.11	0.00	0.00	0

EXISTING CONDITIONS 20-YR 24-HR CONDUITS

		ID	Full Depth (ft)	Full Flow (cfs)	Percent Slope (%)	Maximum Flow (cfs)	Maximum Flow Class	Max.Flow Day-Time (day-time)	Velocity at Maximum Flow (ft/s)	Maximum Velocity (ft/s)	Max.Flow/Fu ll Flow	Max.Depth/F ull Depth	Reserve Capacity (cfs)	Total Flow Volume (MG)	Maximum Top Width (ft)	Both End Surcharge Time (hrs)	Upstream Surcharge Time (hrs)	Downstream Surcharge Time (hrs)	Above Full-Flow Time (hrs)	Capacity Limited Time (hrs)	Instability Index
1226	☐	859	2.50	50.38	1.51	58.53	ceeds Capac	0 - 09:59 hrs	12.01	12.01	1.16	1.00	-8.15	4.32	2.50	0.07	0.15	0.07	0.24	0.07	0
1227	☐	86	3.00	82.34	1.52	32.29	Backwater	0 - 10:27 hrs	4.57	8.89	0.39	1.00	50.05	4.54	3.00	1.25	1.25	2.56	0.00	0.00	6
1228	☐	860	1.25	7.00	1.56	2.15	Backwater	0 - 09:59 hrs	1.85	1.90	0.31	1.00	4.85	0.00	1.25	0.05	0.05	0.11	0.00	0.00	0
1229	☐	862	1.75	41.79	9.26	30.37	Free Surface	0 - 09:59 hrs	14.45	14.45	0.73	0.82	11.42	1.56	0.69	0.00	0.00	23.81	0.00	0.00	0
1230	☐	863	2.00	14.57	0.41	27.38	Free Surface	0 - 09:59 hrs	8.87	8.87	1.88	0.95	-12.81	1.46	2.00	0.00	0.42	0.00	0.53	0.00	0
1231	☐	864	2.00	18.73	0.69	16.88	Backwater	0 - 10:11 hrs	5.37	5.44	0.90	1.00	1.85	1.06	2.00	0.29	0.29	0.38	0.00	0.00	1
1232	☐	865	2.00	22.19	0.96	38.59	ceeds Capac	0 - 10:02 hrs	12.28	12.28	1.74	1.00	-16.40	1.98	2.00	0.22	0.39	0.22	0.44	0.22	0
1233	☐	866	3.00	54.58	0.67	38.75	Free Surface	0 - 09:56 hrs	8.16	8.27	0.71	0.64	15.83	1.97	3.00	0.00	0.00	0.00	0.00	0.00	0
1234	☐	867	2.00	26.37	1.36	15.13	Backwater	0 - 10:00 hrs	4.82	5.05	0.57	1.00	11.23	0.66	2.00	0.23	0.23	0.58	0.00	0.00	0
1235	☐	868	2.00	39.17	3.00	15.14	Backwater	0 - 10:00 hrs	4.82	9.58	0.39	1.00	24.03	0.66	2.00	0.18	0.18	0.23	0.00	0.00	0
1236	☐	869	1.50	6.41	0.50	12.66	Free Surface	0 - 09:59 hrs	7.32	7.32	1.98	0.95	-6.25	0.66	1.50	0.00	0.48	0.00	0.55	0.00	0
1237	☐	87	5.00	153.19	0.35	170.68	ceeds Capac	0 - 11:03 hrs	8.69	8.69	1.11	1.00	-17.48	36.86	5.00	2.40	2.54	2.41	2.28	1.79	7
1238	☐	870	2.00	18.90	0.70	24.15	ceeds Capac	0 - 10:00 hrs	7.70	7.82	1.28	1.00	-5.25	0.96	2.00	0.09	0.15	0.10	0.19	0.09	0
1239	☐	871	2.00	22.96	1.03	23.71	Backwater	0 - 09:59 hrs	7.69	7.71	1.03	1.00	-0.75	0.96	2.00	0.04	0.04	0.15	0.04	0.00	0
1240	☐	872	2.00	16.23	0.51	25.16	ceeds Capac	0 - 09:59 hrs	8.20	8.20	1.55	1.00	-8.93	0.96	2.00	0.04	0.19	0.04	0.24	0.04	0
1241	☐	873	2.75	27.27	0.27	41.86	ceeds Capac	0 - 10:41 hrs	7.05	7.05	1.53	1.00	-14.59	6.08	2.75	1.67	1.67	2.51	1.47	1.47	2
1242	☐	875	1.75	48.34	12.39	0.93	Free Surface	0 - 09:56 hrs	0.48	0.49	0.02	0.95	47.41	0.00	1.75	0.00	0.00	14.17	0.00	0.00	1
1243	☐	876	2.75	33.75	0.41	41.87	ceeds Capac	0 - 10:41 hrs	7.05	7.05	1.24	1.00	-8.12	6.06	2.61	3.35	3.35	23.96	1.19	1.17	53
1244	☐	877	2.00	21.57	0.91	22.36	ceeds Capac	0 - 09:59 hrs	7.12	7.12	1.04	1.00	-0.78	0.90	2.00	0.27	0.27	0.86	0.01	0.01	0
1245	☐	878	1.50	7.58	0.69	4.19	Backwater	0 - 09:56 hrs	2.40	2.40	0.55	1.00	3.39	0.00	1.50	0.21	0.21	0.23	0.00	0.00	0
1246	☐	879	1.50	9.69	1.13	16.54	ceeds Capac	0 - 10:22 hrs	9.36	9.36	1.71	1.00	-6.85	1.66	1.50	0.80	0.92	0.80	1.02	0.80	0
1247	☐	88	5.00	169.92	0.43	151.63	Backwater	0 - 11:52 hrs	7.72	8.50	0.89	1.00	18.29	32.40	5.00	2.20	2.20	2.54	0.00	0.00	9
1248	☐	880	2.00	40.67	3.23	21.10	Free Surface	0 - 09:59 hrs	7.47	7.47	0.52	0.84	19.57	0.92	2.00	0.00	0.00	1.07	0.00	0.00	0
1249	☐	881	2.00	15.98	0.50	27.20	ceeds Capac	0 - 10:12 hrs	8.66	8.66	1.70	1.00	-11.22	2.51	1.95	2.03	2.03	23.94	0.89	0.90	48
1250	☐	882	2.00	15.03	1.26	16.54	ceeds Capac	0 - 10:22 hrs	5.27	5.27	1.10	1.00	-1.51	1.63	2.00	1.31	1.31	1.92	0.26	0.25	3
1251	☐	884	2.00	21.37	0.89	14.55	Backwater	0 - 09:49 hrs	4.63	6.56	0.68	1.00	6.82	1.37	2.00	1.65	1.65	1.70	0.00	0.02	6
1252	☐	885	2.50	18.34	0.20	23.97	ceeds Capac	0 - 09:48 hrs	4.88	4.88	1.31	1.00	-5.62	3.32	2.50	1.26	1.30	1.26	0.89	0.66	3
1253	☐	886	2.50	20.40	0.25	31.39	ceeds Capac	0 - 09:48 hrs	6.40	6.40	1.54	1.00	-10.99	4.22	2.50	1.21	1.26	1.21	1.62	1.18	5
1254	☐	887	2.50	19.23	0.22	31.39	ceeds Capac	0 - 09:48 hrs	6.39	6.39	1.63	1.00	-12.16	4.21	2.50	1.19	1.21	1.19	1.74	1.18	6
1255	☐	888	2.50	21.68	0.28	31.38	ceeds Capac	0 - 09:48 hrs	6.39	6.39	1.45	1.00	-9.70	4.21	2.50	1.18	1.19	1.18	1.52	1.02	6
1256	☐	889	2.50	18.97	0.21	31.42	ceeds Capac	0 - 09:48 hrs	6.40	6.40	1.66	1.00	-12.46	4.21	2.50	1.17	1.19	1.17	1.77	0.98	6
1257	☐	89	5.00	142.01	0.30	151.54	ceeds Capac	0 - 11:59 hrs	7.72	8.91	1.07	1.00	-9.52	32.41	5.00	2.20	2.39	2.20	1.53	1.19	9
1258	☐	890	2.50	22.04	0.29	31.41	ceeds Capac	0 - 09:48 hrs	6.40	6.40	1.43	1.00	-9.37	4.21	2.50	1.16	1.17	1.16	1.49	1.09	5
1259	☐	891	2.50	20.83	0.26	31.40	ceeds Capac	0 - 09:48 hrs	6.46	6.73	1.51	1.00	-10.57	4.21	2.50	1.11	1.17	1.11	1.59	1.11	4
1260	☐	892	2.50	47.16	1.32	69.89	ceeds Capac	0 - 10:00 hrs	14.26	14.26	1.48	1.00	-22.73	7.31	2.50	0.16	1.14	0.16	0.89	0.16	1
1261	☐	893	2.50	31.25	0.58	37.56	ceeds Capac	0 - 10:18 hrs	7.65	7.65	1.20	1.00	-6.31	5.33	2.50	1.12	1.15	1.14	1.21	1.10	4
1262	☐	894	2.50	14.51	0.13	13.59	Backwater	0 - 10:18 hrs	2.77	2.77	0.94	1.00	0.92	1.13	2.50	1.05	1.05	1.14	0.00	0.04	3
1263	☐	895	2.75	35.15	0.44	13.59	Backwater	0 - 10:18 hrs	2.29	3.37	0.39	1.00	21.57	1.13	2.75	0.86	0.86	0.90	0.00	0.17	6
1264	☐	896	3.50	68.19	0.46	69.81	ceeds Capac	0 - 09:59 hrs	7.26	7.26	1.02	1.00	-1.62	8.01	3.50	0.43	0.43	0.70	0.14	0.12	1
1265	☐	897	3.50	85.65	0.72	72.15	Backwater	0 - 09:55 hrs	7.52	8.80	0.84	1.00	13.49	8.01	3.50	0.36	0.36	0.43	0.00	0.03	1
1266	☐	898	3.50	42.25	0.18	72.10	ceeds Capac	0 - 09:55 hrs	7.53	8.15	1.71	1.00	-29.85	8.02	3.50	0.36	0.60	0.36	1.38	0.36	1
1267	☐	899	3.50	126.05	1.57	72.16	Backwater	0 - 09:55 hrs	7.50	8.25	0.57	1.00	53.89	8.02	3.50	0.48	0.48	0.60	0.00	0.00	2
1268	☐	9	4.00	62.38	0.54	51.00	Free Surface	0 - 10:04 hrs	6.16	6.16	0.82	0.63	11.39	3.04	4.00	0.00	0.00	0.00	0.00	0.00	0
1269	☐	90	5.00	143.61	0.30	147.59	ceeds Capac	0 - 12:02 hrs	7.52	8.20	1.03	1.00	-3.98	31.04	5.00	2.39	2.40	2.39	1.19	0.96	9
1270	☐	900	2.75	12.44	0.16	28.24	Backwater	0 - 09:52 hrs	5.79	6.09	2.27	1.00	-15.80	4.01	2.75	0.56	0.56	0.59	2.98	0.07	3
1271	☐	901	2.75	19.13	0.37	28.24	ceeds Capac	0 - 09:52 hrs	4.86	4.92	1.48	1.00	-9.11	4.01	2.75	0.59	1.46	0.59	1.70	0.59	4
1272	☐	902	3.75	31.13	0.07	69.85	ceeds Capac	0 - 09:59 hrs	6.32	6.32	2.24	1.00	-38.71	8.01	3.75	0.36	0.42	0.36	2.01	0.29	2
1273	☐	903	3.50	45.38	0.20	69.96	ceeds Capac	0 - 09:56 hrs	7.29	7.29	1.54	1.00	-24.57	8.01	3.50	0.28	0.67	0.28	1.27	0.28	1
1274	☐	904	3.50	48.13	0.23	69.88	Free Surface	0 - 09:59 hrs	8.24	8.44	1.45	0.83	-21.75	8.00	3.50	0.00	0.22	0.00	1.15	0.00	0

EXISTING CONDITIONS 20-YR 24-HR CONDUITS

		ID	Full Depth (ft)	Full Flow (cfs)	Percent Slope (%)	Maximum Flow (cfs)	Maximum Flow Class	Max.Flow Day-Time (day-time)	Velocity at Maximum Flow (ft/s)	Maximum Velocity (ft/s)	Max.Flow/Fu ll Flow	Max.Depth/F ull Depth	Reserve Capacity (cfs)	Total Flow Volume (MG)	Maximum Top Width (ft)	Both End Surcharge Time (hrs)	Upstream Surcharge Time (hrs)	Downstream Surcharge Time (hrs)	Above Full-Flow Time (hrs)	Capacity Limited Time (hrs)	Instability Index
1275	☐	905	3.50	58.96	0.34	69.98	ceeds Capac	0 - 09:59 hrs	7.27	7.27	1.19	1.00	-11.02	8.01	3.50	0.22	0.28	0.22	0.75	0.22	1
1276	☐	906	3.00	105.81	2.52	93.78	Free Surface	0 - 09:59 hrs	14.25	14.25	0.89	0.88	12.03	9.04	3.00	0.00	0.00	0.91	0.00	0.00	0
1277	☐	907	2.25	31.09	1.01	50.07	ceeds Capac	0 - 10:08 hrs	12.59	12.59	1.61	1.00	-18.98	4.56	2.25	0.92	0.94	0.97	0.97	0.90	1
1278	☐	908	2.50	35.72	0.76	26.49	Backwater	0 - 10:40 hrs	5.45	7.10	0.74	1.00	9.23	2.91	2.50	0.76	0.76	0.87	0.00	0.00	2
1279	☐	909	2.25	27.23	0.77	27.66	Backwater	0 - 09:52 hrs	7.22	7.82	1.02	1.00	-0.43	2.91	2.25	0.76	0.76	0.79	0.00	0.03	3
1280	☐	91	5.00	169.83	0.43	144.73	Backwater	0 - 12:02 hrs	7.45	8.74	0.85	1.00	25.10	30.07	5.00	1.27	1.27	2.40	0.00	0.00	8
1281	☐	910	2.25	25.74	0.69	31.18	ceeds Capac	0 - 09:52 hrs	7.87	7.87	1.21	1.00	-5.44	2.91	2.25	0.70	0.71	0.70	0.29	0.28	3
1282	☐	911	2.25	25.50	0.68	35.43	ceeds Capac	0 - 09:52 hrs	8.92	8.92	1.39	1.00	-9.93	2.92	2.25	0.68	0.70	0.71	0.34	0.24	2
1283	☐	912	2.25	18.80	0.37	15.02	Backwater	0 - 09:52 hrs	3.78	3.78	0.80	1.00	3.78	0.78	2.25	0.64	0.64	0.70	0.00	0.00	0
1284	☐	913	1.75	6.51	0.22	7.75	Backwater	0 - 09:52 hrs	3.22	3.22	1.19	1.00	-1.24	0.02	1.75	0.68	0.68	0.72	0.00	0.00	2
1285	☐	914	1.75	6.85	0.25	7.79	Backwater	0 - 09:52 hrs	3.24	3.24	1.14	1.00	-0.94	0.00	1.75	0.67	0.67	0.68	0.00	0.08	3
1286	☐	916	1.75	6.91	0.25	7.82	Backwater	0 - 09:52 hrs	3.28	3.28	1.13	1.00	-0.91	0.00	1.75	0.63	0.63	0.67	0.00	0.01	3
1287	☐	918	1.50	7.10	0.61	1.45	Backwater	0 - 09:45 hrs	0.95	0.95	0.20	1.00	5.64	0.00	1.50	1.24	1.24	1.63	0.00	0.00	6
1288	☐	919	2.50	15.09	0.14	28.23	ceeds Capac	0 - 09:52 hrs	5.75	5.75	1.87	1.00	-13.14	4.02	2.50	1.59	1.73	1.59	2.36	1.59	5
1289	☐	92	5.00	140.45	0.29	153.94	Backwater	0 - 09:52 hrs	8.75	8.90	1.10	1.00	-13.49	30.07	5.00	1.20	1.20	1.27	1.14	0.00	4
1290	☐	922	2.50	23.40	0.33	39.44	ceeds Capac	0 - 09:59 hrs	8.03	8.03	1.69	1.00	-16.04	4.23	2.50	1.67	1.67	1.73	1.35	1.30	5
1291	☐	923	2.50	25.34	0.38	19.26	Backwater	0 - 10:18 hrs	3.92	5.49	0.76	1.00	6.08	2.82	2.50	1.34	1.34	1.41	0.00	0.00	6
1292	☐	924	2.50	13.00	0.10	19.26	ceeds Capac	0 - 10:18 hrs	3.92	5.22	1.48	1.00	-6.25	2.82	2.50	1.28	1.30	1.28	1.54	0.95	6
1293	☐	925	2.25	17.46	0.32	12.40	Backwater	0 - 10:57 hrs	3.12	3.73	0.71	1.00	5.06	1.85	2.25	1.29	1.29	1.36	0.00	0.00	7
1294	☐	926	1.75	5.85	0.18	14.86	ceeds Capac	0 - 09:47 hrs	6.22	6.39	2.54	1.00	-9.01	1.85	1.75	1.24	2.17	1.24	3.24	1.24	7
1295	☐	927	2.25	16.48	0.28	14.01	Backwater	0 - 09:47 hrs	3.93	4.48	0.85	1.00	2.47	1.85	2.25	1.19	1.19	1.29	0.00	0.00	6
1296	☐	929	2.00	14.81	0.43	9.61	Backwater	0 - 09:49 hrs	3.06	3.57	0.65	1.00	5.20	0.76	2.00	1.42	1.42	1.54	0.00	0.00	4
1297	☐	93	5.00	152.21	0.34	187.34	ceeds Capac	0 - 09:52 hrs	9.54	9.54	1.23	1.00	-35.14	39.28	5.00	1.20	2.41	1.20	2.95	1.19	7
1298	☐	930	2.00	23.39	1.07	24.49	Backwater	0 - 09:59 hrs	8.43	8.75	1.05	1.00	-1.10	0.96	2.00	0.10	0.10	0.12	0.04	0.03	0
1299	☐	931	3.50	62.28	0.38	50.38	Backwater	0 - 10:00 hrs	5.87	6.84	0.81	1.00	11.90	6.60	3.50	0.18	0.18	0.24	0.00	0.00	0
1300	☐	932	3.00	23.09	0.12	28.65	ceeds Capac	0 - 10:15 hrs	4.84	5.45	1.24	1.00	-5.56	5.64	3.00	0.19	0.20	0.19	2.04	0.04	0
1301	☐	933	3.00	16.13	0.06	27.86	ceeds Capac	0 - 10:15 hrs	4.23	4.32	1.73	1.00	-11.72	5.64	3.00	0.19	0.25	0.19	3.84	0.14	0
1302	☐	934	3.00	16.58	0.06	28.45	ceeds Capac	0 - 09:41 hrs	4.06	4.06	1.72	1.00	-11.87	5.65	3.00	0.25	1.79	0.25	3.71	0.17	2
1303	☐	935	2.50	20.73	0.26	28.01	ceeds Capac	0 - 09:42 hrs	5.71	5.71	1.35	1.00	-7.28	5.65	2.50	2.67	2.67	2.72	2.62	2.51	10
1304	☐	936	2.50	17.31	0.18	28.02	ceeds Capac	0 - 09:41 hrs	5.71	5.71	1.62	1.00	-10.71	5.70	2.50	2.67	2.70	2.67	3.31	2.56	13
1305	☐	937	2.50	12.31	0.09	20.31	ceeds Capac	0 - 10:33 hrs	4.14	4.14	1.65	1.00	-8.00	2.33	2.50	2.78	2.78	2.97	1.39	1.44	8
1306	☐	938	2.50	11.35	0.08	30.39	ceeds Capac	0 - 09:59 hrs	6.19	6.19	2.68	1.00	-19.03	5.72	2.50	2.70	2.91	2.70	5.51	2.70	12
1307	☐	939	2.50	23.33	0.32	25.63	Backwater	0 - 09:59 hrs	5.22	5.22	1.10	1.00	-2.30	1.65	2.50	2.67	2.67	2.73	0.12	0.02	9
1308	☐	94	1.50	10.30	0.82	13.49	ceeds Capac	0 - 12:08 hrs	7.64	7.64	1.31	1.00	-3.20	3.09	1.50	3.54	3.54	3.62	3.63	3.46	11
1309	☐	940	2.25	18.85	0.37	30.42	ceeds Capac	0 - 10:10 hrs	7.65	7.65	1.61	1.00	-11.57	2.77	2.25	2.13	2.13	2.74	0.87	0.86	4
1310	☐	941	2.25	18.54	0.36	32.18	ceeds Capac	0 - 10:10 hrs	8.09	8.09	1.74	1.00	-13.64	2.42	2.25	1.68	1.68	2.13	0.71	0.72	3
1311	☐	942	2.00	27.56	1.48	38.61	ceeds Capac	0 - 10:03 hrs	12.29	12.29	1.40	1.00	-11.05	1.98	2.00	0.34	0.34	0.37	0.34	0.32	0
1312	☐	943	2.00	29.52	1.70	38.59	ceeds Capac	0 - 10:03 hrs	12.28	12.28	1.31	1.00	-9.08	1.98	2.00	0.31	0.31	0.34	0.29	0.29	1
1313	☐	945	2.00	23.72	1.10	24.63	ceeds Capac	0 - 10:03 hrs	7.84	7.84	1.04	1.00	-0.90	1.23	2.00	0.27	0.27	0.31	0.18	0.18	0
1314	☐	946	2.00	12.30	0.39	9.62	Backwater	0 - 09:49 hrs	3.06	4.12	0.78	1.00	2.68	0.76	2.00	1.22	1.22	1.42	0.00	0.00	3
1315	☐	948	2.00	11.52	0.26	13.64	ceeds Capac	0 - 10:55 hrs	4.48	4.97	1.18	1.00	-2.12	3.01	2.00	1.10	1.14	1.10	2.22	0.34	2
1316	☐	949	2.00	3.10	0.02	13.52	ceeds Capac	0 - 09:40 hrs	4.37	4.38	4.37	1.00	-10.43	3.04	2.00	1.14	2.43	1.14	13.29	1.10	5
1317	☐	95	1.50	10.70	0.88	13.49	ceeds Capac	0 - 11:52 hrs	7.64	7.64	1.26	1.00	-2.79	3.09	1.50	3.47	3.47	3.54	2.65	2.72	11
1318	☐	950	2.00	10.70	0.22	25.85	ceeds Capac	0 - 09:49 hrs	8.23	8.23	2.42	1.00	-15.15	3.12	2.00	1.26	1.68	1.26	2.56	1.08	4
1319	☐	951	2.00	24.42	1.16	25.85	ceeds Capac	0 - 09:49 hrs	8.23	8.23	1.06	1.00	-1.43	3.31	2.00	1.21	1.21	1.68	0.02	0.02	2
1320	☐	952	2.00	21.69	0.92	21.13	Backwater	0 - 09:59 hrs	6.72	7.54	0.97	1.00	0.56	2.60	2.00	1.11	1.11	1.18	0.00	0.00	5
1321	☐	953	2.00	21.86	0.93	21.14	Backwater	0 - 09:59 hrs	6.73	7.81	0.97	1.00	0.72	2.60	2.00	1.01	1.01	1.07	0.00	0.00	3
1322	☐	955	2.00	21.66	0.92	21.14	Backwater	0 - 09:59 hrs	6.73	7.83	0.98	1.00	0.53	2.60	2.00	0.93	0.93	0.98	0.00	0.01	3
1323	☐	956	1.50	11.13	0.96	13.89	ceeds Capac	0 - 09:59 hrs	7.86	7.86	1.25	1.00	-2.76	0.48	1.50	0.57	0.57	0.96	0.14	0.14	1

EXISTING CONDITIONS 20-YR 24-HR CONDUITS

		ID	Full Depth (ft)	Full Flow (cfs)	Percent Slope (%)	Maximum Flow (cfs)	Maximum Flow Class	Max.Flow Day-Time (day-time)	Velocity at Maximum Flow (ft/s)	Maximum Velocity (ft/s)	Max.Flow/Fu ll Flow	Max.Depth/F ull Depth	Reserve Capacity (cfs)	Total Flow Volume (MG)	Maximum Top Width (ft)	Both End Surcharge Time (hrs)	Upstream Surcharge Time (hrs)	Downstream Surcharge Time (hrs)	Above Full-Flow Time (hrs)	Capacity Limited Time (hrs)	Instability Index
1324	☐	957	1.75	5.29	0.15	16.23	ceeds Capac	0 - 09:51 hrs	6.77	6.80	3.07	1.00	-10.94	2.12	1.75	0.87	2.83	0.87	4.15	0.87	6
1325	☐	958	2.50	60.69	2.19	36.25	Backwater	0 - 09:49 hrs	7.38	7.38	0.60	1.00	24.44	7.07	2.50	2.83	2.83	4.99	0.00	0.00	8
1326	☐	959	2.50	23.76	0.34	39.88	ceeds Capac	0 - 09:59 hrs	8.12	8.12	1.68	1.00	-16.12	7.47	2.50	2.83	3.09	2.83	3.49	2.83	12
1327	☐	96	1.50	10.67	0.88	13.50	ceeds Capac	0 - 11:52 hrs	7.64	7.64	1.26	1.00	-2.83	3.08	1.50	3.37	3.37	3.47	2.68	2.76	12
1328	☐	960	2.50	23.28	0.32	39.88	ceeds Capac	0 - 09:59 hrs	8.12	8.12	1.71	1.00	-16.59	7.47	2.50	3.09	3.18	3.09	3.55	3.09	12
1329	☐	961	2.50	23.50	0.33	39.89	ceeds Capac	0 - 09:59 hrs	8.13	8.13	1.70	1.00	-16.40	7.47	2.50	3.18	3.21	3.18	3.52	3.01	16
1330	☐	962	2.50	23.29	0.32	31.75	ceeds Capac	0 - 11:30 hrs	6.47	6.47	1.36	1.00	-8.46	6.12	2.50	3.17	3.17	3.21	2.22	2.23	14
1331	☐	963	2.50	23.21	0.32	31.77	ceeds Capac	0 - 11:30 hrs	6.47	6.47	1.37	1.00	-8.56	6.12	2.50	3.15	3.15	3.17	2.23	2.26	12
1332	☐	964	2.50	27.64	0.45	37.45	ceeds Capac	0 - 10:03 hrs	7.63	7.63	1.35	1.00	-9.81	6.68	2.50	3.00	3.00	3.14	2.22	2.24	14
1333	☐	965	2.50	21.21	0.27	37.43	ceeds Capac	0 - 10:03 hrs	7.63	7.63	1.76	1.00	-16.22	6.68	2.50	2.81	2.93	2.82	3.22	2.79	13
1334	☐	966	2.50	22.21	0.29	37.44	ceeds Capac	0 - 10:03 hrs	7.63	7.63	1.69	1.00	-15.23	6.68	2.50	2.86	2.89	2.87	3.07	2.62	15
1335	☐	967	3.00	79.91	1.44	47.80	Backwater	0 - 09:59 hrs	6.76	6.76	0.60	1.00	32.11	0.30	2.99	0.53	0.53	0.62	0.00	0.00	0
1336	☐	968	2.50	23.39	0.33	37.49	ceeds Capac	0 - 10:03 hrs	7.64	7.64	1.60	1.00	-14.10	6.68	2.50	2.80	2.81	2.81	2.75	2.40	14
1337	☐	969	3.00	64.95	0.95	65.84	ceeds Capac	0 - 09:59 hrs	9.31	9.31	1.01	1.00	-0.89	6.01	3.00	1.78	1.78	2.59	0.13	0.11	5
1338	☐	97	1.50	11.10	0.95	13.49	ceeds Capac	0 - 12:08 hrs	7.64	7.64	1.22	1.00	-2.39	3.09	1.50	3.15	3.15	3.25	2.46	2.38	11
1339	☐	970	3.00	64.44	0.93	65.84	ceeds Capac	0 - 09:59 hrs	9.31	9.31	1.02	1.00	-1.40	6.00	3.00	1.24	1.24	1.78	0.17	0.15	3
1340	☐	971	3.00	64.42	0.93	65.85	ceeds Capac	0 - 09:59 hrs	9.32	9.32	1.02	1.00	-1.44	6.00	3.00	0.78	0.78	1.24	0.17	0.16	2
1341	☐	972	3.00	64.46	0.93	59.74	Backwater	0 - 10:21 hrs	8.45	9.39	0.93	1.00	4.72	5.60	3.00	0.67	0.67	0.78	0.00	0.00	2
1342	☐	973	4.00	56.80	0.16	41.83	Backwater	0 - 00:03 hrs	3.33	6.00	0.74	1.00	14.98	1.17	3.98	23.94	23.94	23.94	0.00	2.24	86
1343	☐	974	5.00	95.60	0.13	111.07	ceeds Capac	0 - 10:26 hrs	5.66	5.66	1.16	1.00	-15.46	14.88	4.97	2.22	2.22	2.48	0.91	0.87	10
1344	☐	975	5.00	176.59	0.46	177.21	ceeds Capac	0 - 10:03 hrs	9.03	9.03	1.00	1.00	-0.62	15.53	5.00	1.67	1.67	2.09	0.01	0.05	8
1345	☐	976	3.50	55.62	0.31	42.99	Free Surface	0 - 09:59 hrs	4.88	5.21	0.77	0.99	12.63	1.81	3.50	0.00	0.00	0.08	0.00	0.00	0
1346	☐	977	3.50	33.76	0.11	46.50	Backwater	0 - 09:59 hrs	4.83	4.83	1.38	1.00	-12.74	2.07	3.50	0.17	0.17	0.34	0.24	0.00	0
1347	☐	978	2.00	20.03	0.78	23.56	ceeds Capac	0 - 09:56 hrs	7.50	7.50	1.18	1.00	-3.53	1.33	2.00	0.34	0.34	0.35	0.12	0.12	0
1348	☐	979	3.75	101.61	0.71	94.64	Backwater	0 - 09:59 hrs	8.57	8.57	0.93	1.00	6.97	5.31	3.75	0.72	0.72	20.33	0.00	0.02	8
1349	☐	980	2.50	50.40	1.51	23.13	Backwater	0 - 09:59 hrs	4.71	8.15	0.46	1.00	27.28	1.04	2.50	1.33	1.33	1.41	0.00	0.00	5
1350	☐	981	2.50	28.35	0.48	23.61	Backwater	0 - 09:52 hrs	4.84	5.41	0.83	1.00	4.74	1.02	2.50	1.48	1.48	1.51	0.00	0.05	6
1351	☐	982	4.50	194.49	0.98	259.72	ceeds Capac	0 - 09:52 hrs	16.34	16.34	1.34	1.00	-65.22	47.81	4.50	2.25	2.31	2.25	2.34	2.25	10
1352	☐	983	2.50	14.73	0.13	17.97	Free Surface	0 - 10:04 hrs	4.59	4.59	1.22	0.74	-3.23	0.81	2.50	0.00	0.00	0.00	0.18	0.00	0
1353	☐	985	2.50	28.85	0.49	17.91	Free Surface	0 - 10:04 hrs	5.61	5.68	0.62	0.62	10.93	0.82	2.50	0.00	0.00	0.00	0.00	0.00	0
1354	☐	989	2.75	50.67	0.92	44.99	Backwater	0 - 10:03 hrs	7.57	7.57	0.89	1.00	5.68	0.42	2.73	1.15	1.15	1.91	0.00	0.00	6
1355	☐	99	4.50	204.78	1.08	229.81	ceeds Capac	0 - 09:55 hrs	14.45	14.45	1.12	1.00	-25.03	47.90	4.48	2.28	2.28	23.79	2.29	2.24	8
1356	☐	990	2.75	29.92	0.32	44.96	Backwater	0 - 10:03 hrs	7.57	7.57	1.50	1.00	-15.04	0.42	2.72	1.90	1.91	2.29	0.22	0.24	6
1357	☐	991	2.25	18.28	0.46	2.85	Backwater	0 - 09:47 hrs	0.78	0.97	0.16	1.00	15.44	0.00	2.25	0.12	0.12	1.00	0.00	0.00	0
1358	☐	992	2.75	30.92	0.46	44.97	Backwater	0 - 10:03 hrs	7.57	7.57	1.45	1.00	-14.06	0.41	2.75	0.80	0.80	1.15	0.22	0.00	3
1359	☐	993	3.50	28.05	0.08	45.46	ceeds Capac	0 - 09:51 hrs	4.72	5.21	1.62	1.00	-17.41	8.23	3.50	4.25	4.26	4.45	3.07	2.50	13
1360	☐	994	3.50	53.46	0.28	74.80	ceeds Capac	0 - 09:59 hrs	7.77	7.77	1.40	1.00	-21.34	9.30	3.50	3.57	3.57	4.26	0.66	0.67	14
1361	☐	995	2.75	22.88	0.19	26.20	ceeds Capac	0 - 10:00 hrs	4.41	4.41	1.15	1.00	-3.32	3.08	2.75	5.63	5.63	11.38	0.69	0.68	29
1362	☐	996	2.75	42.09	0.63	30.19	Backwater	0 - 09:59 hrs	5.08	5.08	0.72	1.00	11.90	3.10	2.75	2.32	2.32	5.63	0.00	0.00	17
1363	☐	997	3.50	68.80	0.47	37.90	Backwater	0 - 09:48 hrs	3.94	3.94	0.55	1.00	30.90	6.63	3.50	13.10	13.10	15.27	0.00	0.00	49
1364	☐	998	2.00	19.92	0.78	14.51	Backwater	0 - 09:42 hrs	4.62	5.33	0.73	1.00	5.41	2.99	2.00	3.80	3.80	4.03	0.00	0.06	18
1365	☐	999	3.50	48.01	0.23	34.03	Backwater	0 - 10:03 hrs	3.54	3.54	0.71	1.00	13.98	5.94	3.50	5.07	5.07	7.75	0.00	0.01	31
1366	☐	CDT_13	4.00	254.25	3.13	213.72	Backwater	0 - 00:01 hrs	17.91	17.91	0.84	1.00	40.53	3.07	1.57	23.98	23.98	23.99	0.00	0.01	68
1367	☐	CDT_15	2.50	11.95	0.08	12.48	ceeds Capac	0 - 09:42 hrs	2.54	2.54	1.04	1.00	-0.53	1.86	2.50	18.04	18.04	19.22	0.17	0.15	48
1368	☐	CDT_17	4.50	88.03	0.20	198.88	ceeds Capac	0 - 00:00 hrs	12.56	14.73	2.26	1.00	-110.86	7.95	1.76	23.98	23.98	23.99	0.21	0.12	85
1369	☐	CDT_19	4.50	74.23	0.14	263.36	ceeds Capac	0 - 00:00 hrs	16.98	16.98	3.55	1.00	-189.13	7.95	1.76	23.99	23.99	24.00	0.43	0.35	89
1370	☐	CDT_21	1.75	15.61	1.29	5.76	Free Surface	0 - 11:33 hrs	3.15	3.15	0.37	0.71	9.85	2.67	1.70	0.00	0.00	24.00	0.00	0.00	0
1371	☐	CDT_23	4.50	19.66	0.01	63.76	Free Surface	0 - 10:03 hrs	8.44	8.61	3.24	0.55	-44.10	1.41	4.50	0.00	0.00	0.00	1.21	0.00	1
1372	☐	CDT_25	6.50	386.70	0.54	429.40	Free Surface	0 - 10:03 hrs	13.42	13.43	1.11	0.92	-42.70	66.54	6.50	0.00	0.20	0.00	0.68	0.00	0

EXISTING CONDITIONS 20-YR 24-HR CONDUITS

		ID	Full Depth (ft)	Full Flow (cfs)	Percent Slope (%)	Maximum Flow (cfs)	Maximum Flow Class	Max.Flow Day-Time (day-time)	Velocity at Maximum Flow (ft/s)	Maximum Velocity (ft/s)	Max.Flow/Fu ll Flow	Max.Depth/F ull Depth	Reserve Capacity (cfs)	Total Flow Volume (MG)	Maximum Top Width (ft)	Both End Surcharge Time (hrs)	Upstream Surcharge Time (hrs)	Downstream Surcharge Time (hrs)	Above Full-Flow Time (hrs)	Capacity Limited Time (hrs)	Instability Index
1373	☐	CDT_27	6.50	528.52	1.02	285.07	Free Surface	0 - 10:03 hrs	10.51	10.60	0.54	0.77	243.44	24.27	6.50	0.00	0.00	0.56	0.00	0.00	0
1374	☐	CDT_29	6.00	362.31	0.73	259.08	Free Surface	0 - 10:04 hrs	6.07	6.07	0.36	0.71	103.23	21.54	6.00	0.00	0.00	14.09	0.00	0.00	0
1375	☐	CDT_31	3.00	29.64	0.20	18.64	Backwater	0 - 10:33 hrs	2.99	4.50	0.63	1.00	10.99	2.92	3.00	0.43	0.43	0.54	0.00	0.00	1
1376	☐	CDT_33	3.00	42.15	0.40	18.22	Backwater	0 - 10:30 hrs	3.03	4.52	0.43	1.00	23.93	2.92	3.00	0.33	0.33	0.43	0.00	0.00	1
1377	☐	CDT_35	8.00	9,581.12	110.35	14.07	Free Surface	0 - 09:41 hrs	0.51	0.51	0.00	0.69	9,567.05	1.43	8.00	0.00	0.00	14.29	0.00	0.00	45
1378	☐	CDT_37	1.25	3.72	0.44	6.38	ceeds Capac	0 - 09:42 hrs	5.20	5.20	1.71	1.00	-2.65	1.06	1.25	2.89	2.89	3.30	2.79	2.74	9
1379	☐	WG_DI_COND_01	5.00	2,736.86	65.34	27.72	Backwater	0 - 09:48 hrs	2.86	4.39	0.01	1.00	2,709.14	4.35	5.00	1.03	1.03	2.79	0.00	0.00	1
1380	☐	WG_DI_COND_02	5.00	2,015.45	35.43	17.97	Backwater	0 - 08:59 hrs	4.63	4.63	0.01	1.00	1,997.48	6.41	5.00	0.77	4.92	0.77	0.00	0.00	0
1381	☐	WG_DI_COND_03	5.00	2,373.32	49.14	63.58	Free Surface	0 - 09:41 hrs	10.56	10.57	0.03	0.82	2,309.74	14.94	5.00	0.00	2.39	0.00	0.00	0.00	0
1382	☐	WG_DI_COND_04	5.00	2,673.17	62.34	12.00	Free Surface	0 - 09:41 hrs	8.20	8.21	0.00	0.92	2,661.17	2.92	5.00	0.00	2.83	0.00	0.00	0.00	0
1383	☐	WG_DI_COND_05	5.00	2,726.16	64.83	108.00	Free Surface	0 - 09:45 hrs	17.47	17.47	0.04	0.97	2,618.16	21.21	5.00	0.00	1.63	0.00	0.00	0.00	0
1384	☐	WG_DI_COND_06	3.50	429.07	10.76	26.35	Backwater	0 - 09:52 hrs	9.01	9.08	0.06	1.00	402.72	2.19	3.50	0.55	0.56	0.79	0.00	0.18	0

APPENDIX H: Detailed Storm Drain Model Results – Future Conditions

FUTURE CONDITIONS 5-YR 24-HR SUBCATCHMENTS

		ID	Peak Runoff (cfs)	Peak Runoff Day Count (Elapsed Days)	Peak Runoff Time (hrs)	Total Precipitation (in)	Total Runon (in)	Total Evaporation (in)	Total Infiltration (in)	Impervious Runoff (in)	Pervious Runoff (in)	Total Runoff Depth (in)	Total Runoff Volume (MG)	Runoff Coefficient
1	☐	0	31.40	0	09:53 hrs	2.27	0.00	0.00	0.78	1.45	0.00	1.45	1.48	0.64
2	☐	1	15.57	0	09:53 hrs	2.27	0.00	0.00	0.77	1.25	0.22	1.48	0.67	0.65
3	☐	10	49.22	0	09:59 hrs	2.27	0.00	0.00	1.73	0.26	0.27	0.53	3.76	0.23
4	☐	100	20.54	0	09:59 hrs	2.06	0.00	0.00	0.70	1.17	0.16	1.33	1.00	0.64
5	☐	101	5.86	0	09:53 hrs	2.06	0.00	0.00	0.76	1.09	0.19	1.28	0.23	0.62
6	☐	102	14.19	0	09:53 hrs	2.06	0.00	0.00	0.75	1.11	0.17	1.28	0.66	0.62
7	☐	103	30.15	0	09:59 hrs	2.06	0.00	0.00	0.83	1.02	0.17	1.20	1.58	0.58
8	☐	104	15.35	0	09:53 hrs	2.06	0.00	0.00	0.74	1.12	0.17	1.29	0.73	0.62
9	☐	105	19.44	0	09:59 hrs	2.06	0.00	0.00	0.65	1.22	0.15	1.37	0.95	0.67
10	☐	106	22.51	0	09:59 hrs	2.06	0.00	0.00	0.66	1.22	0.15	1.37	1.09	0.66
11	☐	107	4.14	0	09:53 hrs	2.06	0.00	0.00	0.13	1.82	0.07	1.89	0.15	0.92
12	☐	108	3.32	0	09:59 hrs	2.06	0.00	0.00	1.59	0.10	0.37	0.47	0.15	0.23
13	☐	109	14.88	0	09:53 hrs	2.06	0.00	0.00	0.77	1.07	0.19	1.26	0.70	0.61
14	☐	11	24.53	0	09:59 hrs	2.27	0.00	0.00	0.84	1.19	0.21	1.40	1.18	0.62
15	☐	110	2.88	0	09:53 hrs	2.06	0.00	0.00	0.16	1.82	0.05	1.87	0.10	0.91
16	☐	111	8.50	0	09:53 hrs	2.06	0.00	0.00	0.59	1.29	0.15	1.44	0.36	0.70
17	☐	112	6.56	0	09:53 hrs	2.06	0.00	0.00	0.81	1.04	0.19	1.23	0.27	0.60
18	☐	113	3.44	0	09:53 hrs	2.06	0.00	0.00	0.17	1.81	0.05	1.86	0.12	0.90
19	☐	114	16.49	0	09:53 hrs	2.06	0.00	0.00	0.70	1.17	0.16	1.33	0.79	0.65
20	☐	115	6.77	0	09:53 hrs	2.06	0.00	0.00	0.76	1.10	0.18	1.28	0.28	0.62
21	☐	116	1.70	0	09:53 hrs	2.06	0.00	0.00	0.17	1.83	0.05	1.87	0.06	0.91
22	☐	117	11.14	0	09:53 hrs	2.06	0.00	0.00	0.47	1.44	0.12	1.56	0.47	0.75
23	☐	118	15.19	0	09:59 hrs	2.06	0.00	0.00	0.35	1.57	0.09	1.66	0.73	0.81
24	☐	119	19.24	0	09:59 hrs	2.06	0.00	0.00	0.47	1.43	0.11	1.54	0.96	0.75
25	☐	12	10.64	0	09:53 hrs	2.27	0.00	0.00	0.68	1.37	0.20	1.57	0.43	0.69
26	☐	120	10.70	0	09:53 hrs	2.06	0.00	0.00	0.74	1.12	0.17	1.30	0.48	0.63
27	☐	121	4.86	0	09:53 hrs	2.06	0.00	0.00	0.19	1.77	0.05	1.82	0.22	0.89
28	☐	122	9.49	0	09:53 hrs	2.06	0.00	0.00	0.17	1.80	0.05	1.84	0.42	0.89
29	☐	123	24.01	0	09:59 hrs	2.06	0.00	0.00	0.80	1.05	0.18	1.23	1.21	0.60
30	☐	124	9.71	0	09:53 hrs	2.06	0.00	0.00	0.76	1.09	0.18	1.28	0.42	0.62
31	☐	125	2.77	0	09:53 hrs	2.06	0.00	0.00	0.17	1.82	0.05	1.87	0.10	0.91
32	☐	126	22.34	0	09:59 hrs	2.06	0.00	0.00	0.61	1.27	0.14	1.41	1.11	0.68
33	☐	127	0.23	0	09:53 hrs	2.06	0.00	0.00	0.17	1.84	0.05	1.89	0.01	0.92
34	☐	128	21.73	0	09:59 hrs	2.06	0.00	0.00	0.44	1.47	0.11	1.57	1.05	0.76

FUTURE CONDITIONS 5-YR 24-HR SUBCATCHMENTS

		ID	Peak Runoff (cfs)	Peak Runoff Day Count (Elapsed Days)	Peak Runoff Time (hrs)	Total Precipitation (in)	Total Runon (in)	Total Evaporation (in)	Total Infiltration (in)	Impervious Runoff (in)	Pervious Runoff (in)	Total Runoff Depth (in)	Total Runoff Volume (MG)	Runoff Coefficient
35	☐	129	13.18	0	09:53 hrs	2.06	0.00	0.00	0.58	1.30	0.14	1.44	0.62	0.70
36	☐	13	0.98	0	09:53 hrs	2.27	0.00	0.00	0.17	2.03	0.06	2.08	0.03	0.92
37	☐	130	2.86	0	09:53 hrs	2.06	0.00	0.00	0.50	1.41	0.13	1.54	0.10	0.75
38	☐	131	3.61	0	09:53 hrs	2.06	0.00	0.00	0.60	1.28	0.15	1.44	0.13	0.70
39	☐	132	3.48	0	09:53 hrs	2.06	0.00	0.00	0.45	1.46	0.12	1.58	0.13	0.77
40	☐	133	12.43	0	09:53 hrs	2.06	0.00	0.00	0.71	1.15	0.17	1.32	0.56	0.64
41	☐	134	34.28	0	09:59 hrs	2.06	0.00	0.00	0.64	1.23	0.14	1.38	1.75	0.67
42	☐	135	8.70	0	09:53 hrs	2.06	0.00	0.00	0.77	1.09	0.18	1.27	0.37	0.62
43	☐	136	8.77	0	09:53 hrs	2.06	0.00	0.00	0.77	1.08	0.19	1.26	0.38	0.61
44	☐	137	10.10	0	09:53 hrs	2.06	0.00	0.00	0.54	1.36	0.14	1.49	0.42	0.72
45	☐	138	24.32	0	09:59 hrs	2.06	0.00	0.00	0.74	1.13	0.16	1.29	1.21	0.63
46	☐	139	4.86	0	09:53 hrs	2.06	0.00	0.00	0.78	1.07	0.19	1.27	0.19	0.61
47	☐	14	11.58	0	09:53 hrs	2.27	0.00	0.00	0.99	1.17	0.08	1.26	0.50	0.55
48	☐	140	29.77	0	09:59 hrs	2.06	0.00	0.00	0.31	1.61	0.08	1.69	1.53	0.82
49	☐	141	14.02	0	09:59 hrs	2.06	0.00	0.00	0.47	1.43	0.12	1.55	0.66	0.75
50	☐	142	21.13	0	09:59 hrs	2.06	0.00	0.00	0.76	1.10	0.17	1.27	1.05	0.62
51	☐	143	11.93	0	09:53 hrs	2.06	0.00	0.00	0.60	1.28	0.15	1.43	0.51	0.70
52	☐	144	16.38	0	09:59 hrs	2.06	0.00	0.00	0.79	1.07	0.17	1.24	0.82	0.60
53	☐	145	22.76	0	09:59 hrs	2.06	0.00	0.00	0.59	1.29	0.14	1.43	1.08	0.70
54	☐	146	9.04	0	09:53 hrs	2.06	0.00	0.00	0.61	1.27	0.15	1.42	0.39	0.69
55	☐	147	11.42	0	09:53 hrs	2.06	0.00	0.00	0.77	1.08	0.18	1.26	0.52	0.61
56	☐	148	11.27	0	09:53 hrs	2.06	0.00	0.00	0.49	1.41	0.12	1.53	0.49	0.74
57	☐	149	16.80	0	09:59 hrs	2.06	0.00	0.00	0.75	1.11	0.17	1.28	0.82	0.62
58	☐	15	7.88	0	09:53 hrs	2.27	0.00	0.00	0.36	1.77	0.11	1.88	0.29	0.83
59	☐	150	11.79	0	09:53 hrs	2.06	0.00	0.00	0.63	1.25	0.15	1.40	0.51	0.68
60	☐	151	12.42	0	09:53 hrs	2.06	0.00	0.00	0.68	1.18	0.17	1.35	0.54	0.65
61	☐	152	13.89	0	09:53 hrs	2.06	0.00	0.00	0.77	1.08	0.18	1.26	0.64	0.61
62	☐	153	11.66	0	09:53 hrs	2.06	0.00	0.00	0.76	1.09	0.18	1.27	0.52	0.62
63	☐	154	12.72	0	09:53 hrs	2.06	0.00	0.00	0.72	1.14	0.17	1.31	0.59	0.64
64	☐	155	20.49	0	09:59 hrs	2.06	0.00	0.00	0.50	1.40	0.12	1.52	1.00	0.74
65	☐	156	11.65	0	09:53 hrs	2.06	0.00	0.00	0.74	1.11	0.17	1.29	0.53	0.63
66	☐	157	20.39	0	09:59 hrs	2.06	0.00	0.00	0.77	1.09	0.17	1.26	1.02	0.61
67	☐	158	12.46	0	09:53 hrs	2.06	0.00	0.00	0.80	1.05	0.18	1.23	0.58	0.60
68	☐	159	18.82	0	09:59 hrs	2.06	0.00	0.00	0.78	1.08	0.17	1.25	0.95	0.60

FUTURE CONDITIONS 5-YR 24-HR SUBCATCHMENTS

		ID	Peak Runoff (cfs)	Peak Runoff Day Count (Elapsed Days)	Peak Runoff Time (hrs)	Total Precipitation (in)	Total Runon (in)	Total Evaporation (in)	Total Infiltration (in)	Impervious Runoff (in)	Pervious Runoff (in)	Total Runoff Depth (in)	Total Runoff Volume (MG)	Runoff Coefficient
69	☐	16	12.84	0	09:53 hrs	2.27	0.00	0.00	0.87	1.14	0.25	1.38	0.55	0.61
70	☐	160	23.82	0	09:59 hrs	2.06	0.00	0.00	0.18	1.78	0.05	1.82	1.22	0.88
71	☐	161	17.37	0	09:59 hrs	2.06	0.00	0.00	0.69	1.18	0.16	1.34	0.85	0.65
72	☐	162	23.55	0	09:59 hrs	2.06	0.00	0.00	0.75	1.11	0.16	1.28	1.19	0.62
73	☐	163	36.55	0	09:59 hrs	2.06	0.00	0.00	0.67	1.21	0.15	1.35	1.94	0.66
74	☐	164	15.65	0	09:53 hrs	2.06	0.00	0.00	0.64	1.24	0.15	1.39	0.73	0.67
75	☐	165	12.83	0	09:53 hrs	2.06	0.00	0.00	0.58	1.30	0.14	1.45	0.58	0.70
76	☐	166	35.18	0	09:59 hrs	2.06	0.00	0.00	0.41	1.50	0.10	1.60	1.79	0.78
77	☐	167	18.46	0	09:53 hrs	2.06	0.00	0.00	0.50	1.37	0.16	1.52	0.86	0.74
78	☐	168	9.51	0	09:53 hrs	2.06	0.00	0.00	0.27	1.67	0.08	1.75	0.38	0.85
79	☐	169	31.64	0	09:59 hrs	2.06	0.00	0.00	0.67	1.12	0.24	1.36	1.56	0.66
80	☐	17	25.58	0	09:59 hrs	2.27	0.00	0.00	0.86	1.15	0.23	1.38	1.23	0.61
81	☐	170	8.85	0	09:53 hrs	2.06	0.00	0.00	0.59	1.29	0.15	1.45	0.36	0.70
82	☐	171	21.79	0	09:53 hrs	2.06	0.00	0.00	0.67	1.07	0.28	1.35	0.99	0.66
83	☐	172	22.00	0	09:53 hrs	2.06	0.00	0.00	0.64	1.07	0.29	1.36	1.05	0.66
84	☐	173	15.37	0	09:53 hrs	2.06	0.00	0.00	0.70	1.10	0.24	1.34	0.69	0.65
85	☐	174	17.46	0	09:53 hrs	2.06	0.00	0.00	0.59	1.15	0.27	1.42	0.81	0.69
86	☐	175	16.08	0	09:53 hrs	2.06	0.00	0.00	0.47	1.30	0.24	1.53	0.69	0.74
87	☐	176	4.66	0	09:53 hrs	2.06	0.00	0.00	0.49	1.38	0.17	1.55	0.17	0.75
88	☐	177	16.74	0	09:53 hrs	2.06	0.00	0.00	0.56	1.25	0.22	1.47	0.73	0.71
89	☐	178	28.06	0	09:59 hrs	2.06	0.00	0.00	0.47	1.29	0.23	1.52	1.38	0.74
90	☐	179	10.20	0	09:53 hrs	2.06	0.00	0.00	0.09	1.87	0.05	1.92	0.42	0.93
91	☐	18	17.07	0	09:53 hrs	2.27	0.00	0.00	0.84	1.17	0.24	1.40	0.77	0.62
92	☐	180	20.47	0	09:53 hrs	2.27	0.00	0.00	0.63	1.42	0.18	1.60	0.92	0.71
93	☐	181	37.98	0	09:59 hrs	2.27	0.00	0.00	0.31	1.81	0.09	1.90	1.88	0.84
94	☐	182	15.87	0	09:53 hrs	2.27	0.00	0.00	0.70	1.34	0.20	1.54	0.69	0.68
95	☐	183	10.12	0	09:53 hrs	2.27	0.00	0.00	0.75	1.28	0.22	1.50	0.40	0.66
96	☐	184	14.30	0	09:53 hrs	2.27	0.00	0.00	0.70	1.34	0.20	1.55	0.61	0.68
97	☐	185	10.71	0	09:53 hrs	2.27	0.00	0.00	0.63	1.42	0.19	1.61	0.42	0.71
98	☐	186	17.43	0	09:53 hrs	2.27	0.00	0.00	0.77	1.25	0.22	1.47	0.76	0.65
99	☐	187	13.93	0	09:53 hrs	2.27	0.00	0.00	0.43	1.67	0.13	1.80	0.57	0.79
100	☐	188	23.56	0	09:53 hrs	2.27	0.00	0.00	0.68	1.37	0.19	1.56	1.09	0.69
101	☐	189	5.81	0	09:53 hrs	2.27	0.00	0.00	0.21	1.95	0.07	2.02	0.22	0.89
102	☐	19	20.11	0	09:53 hrs	2.27	0.00	0.00	1.03	1.21	0.00	1.21	0.94	0.53

FUTURE CONDITIONS 5-YR 24-HR SUBCATCHMENTS

		ID	Peak Runoff (cfs)	Peak Runoff Day Count (Elapsed Days)	Peak Runoff Time (hrs)	Total Precipitation (in)	Total Runon (in)	Total Evaporation (in)	Total Infiltration (in)	Impervious Runoff (in)	Pervious Runoff (in)	Total Runoff Depth (in)	Total Runoff Volume (MG)	Runoff Coefficient
103	☐	190	5.69	0	09:59 hrs	2.27	0.00	0.00	1.80	0.11	0.36	0.47	0.51	0.21
104	☐	191	18.09	0	09:53 hrs	2.27	0.00	0.00	0.74	1.29	0.21	1.50	0.79	0.66
105	☐	192	21.26	0	09:53 hrs	2.27	0.00	0.00	0.76	1.26	0.22	1.48	0.96	0.65
106	☐	193	15.70	0	09:53 hrs	2.27	0.00	0.00	0.65	1.41	0.19	1.59	0.68	0.70
107	☐	194	60.75	0	09:59 hrs	2.27	0.00	0.00	0.23	1.90	0.07	1.97	3.44	0.87
108	☐	195	27.00	0	09:59 hrs	2.27	0.00	0.00	0.57	1.35	0.29	1.64	1.29	0.72
109	☐	196	34.08	0	09:59 hrs	2.27	0.00	0.00	0.84	1.15	0.25	1.40	1.69	0.62
110	☐	197	11.77	0	09:53 hrs	2.27	0.00	0.00	0.63	1.42	0.19	1.61	0.48	0.71
111	☐	198	30.24	0	09:59 hrs	2.27	0.00	0.00	0.55	1.52	0.16	1.68	1.44	0.74
112	☐	199	9.42	0	09:53 hrs	2.27	0.00	0.00	0.44	1.67	0.13	1.80	0.39	0.79
113	☐	2	28.54	0	09:59 hrs	2.27	0.00	0.00	0.60	1.46	0.17	1.63	1.37	0.72
114	☐	20	11.05	0	09:53 hrs	2.27	0.00	0.00	1.06	1.18	0.00	1.18	0.46	0.52
115	☐	200	31.32	0	09:59 hrs	2.27	0.00	0.00	0.76	1.27	0.20	1.47	1.57	0.65
116	☐	201	12.26	0	09:53 hrs	2.27	0.00	0.00	0.62	1.43	0.18	1.62	0.52	0.71
117	☐	202	27.72	0	09:59 hrs	2.27	0.00	0.00	0.81	1.20	0.22	1.43	1.33	0.63
118	☐	203	40.27	0	09:59 hrs	2.27	0.00	0.00	0.69	1.35	0.19	1.53	2.09	0.68
119	☐	204	7.83	0	09:53 hrs	2.27	0.00	0.00	0.75	1.18	0.32	1.50	0.30	0.66
120	☐	205	4.79	0	09:53 hrs	2.27	0.00	0.00	0.82	1.18	0.25	1.43	0.18	0.63
121	☐	206	13.53	0	09:53 hrs	2.27	0.00	0.00	0.85	1.16	0.24	1.40	0.60	0.62
122	☐	207	28.91	0	09:59 hrs	2.27	0.00	0.00	0.49	1.59	0.14	1.73	1.38	0.76
123	☐	208	15.19	0	09:53 hrs	2.27	0.00	0.00	0.79	1.23	0.23	1.46	0.58	0.64
124	☐	209	25.06	0	09:53 hrs	2.06	0.00	0.00	0.25	1.62	0.13	1.75	1.17	0.85
125	☐	21	17.20	0	09:53 hrs	2.27	0.00	0.00	0.66	1.38	0.19	1.57	0.77	0.69
126	☐	210	19.57	0	09:59 hrs	2.06	0.00	0.00	0.41	1.38	0.20	1.59	0.95	0.77
127	☐	211	23.70	0	09:59 hrs	2.06	0.00	0.00	0.41	1.46	0.14	1.60	1.16	0.78
128	☐	212	16.88	0	09:53 hrs	2.06	0.00	0.00	0.10	1.87	0.03	1.90	0.82	0.92
129	☐	213	14.04	0	09:53 hrs	2.06	0.00	0.00	0.59	1.29	0.14	1.44	0.63	0.70
130	☐	214	38.75	0	09:59 hrs	2.06	0.00	0.00	0.98	0.80	0.25	1.06	2.34	0.51
131	☐	215	31.17	0	09:59 hrs	2.06	0.00	0.00	0.67	1.20	0.15	1.35	1.61	0.65
132	☐	216	33.90	0	09:59 hrs	2.06	0.00	0.00	1.15	0.67	0.22	0.89	1.95	0.43
133	☐	217	53.52	0	09:59 hrs	2.06	0.00	0.00	1.13	0.72	0.18	0.91	3.22	0.44
134	☐	218	17.18	0	09:59 hrs	2.06	0.00	0.00	0.65	1.05	0.30	1.34	0.89	0.65
135	☐	219	61.02	0	09:59 hrs	2.06	0.00	0.00	1.06	0.72	0.25	0.98	3.85	0.47
136	☐	22	17.39	0	09:53 hrs	2.27	0.00	0.00	0.93	1.17	0.15	1.32	0.79	0.58

FUTURE CONDITIONS 5-YR 24-HR SUBCATCHMENTS

		ID	Peak Runoff (cfs)	Peak Runoff Day Count (Elapsed Days)	Peak Runoff Time (hrs)	Total Precipitation (in)	Total Runon (in)	Total Evaporation (in)	Total Infiltration (in)	Impervious Runoff (in)	Pervious Runoff (in)	Total Runoff Depth (in)	Total Runoff Volume (MG)	Runoff Coefficient
137	☐	220	11.15	0	09:53 hrs	2.27	0.00	0.00	0.58	1.40	0.26	1.66	0.46	0.73
138	☐	221	21.51	0	09:59 hrs	2.27	0.00	0.00	0.83	1.17	0.24	1.41	1.06	0.62
139	☐	222	14.11	0	09:53 hrs	2.27	0.00	0.00	0.56	1.51	0.16	1.68	0.61	0.74
140	☐	223	7.12	0	09:53 hrs	2.06	0.00	0.00	0.71	1.15	0.18	1.33	0.29	0.64
141	☐	224	15.32	0	09:53 hrs	2.27	0.00	0.00	0.48	1.44	0.28	1.73	0.66	0.76
142	☐	225	20.32	0	09:59 hrs	2.27	0.00	0.00	0.48	1.43	0.29	1.72	0.95	0.76
143	☐	226	26.28	0	09:59 hrs	2.27	0.00	0.00	0.49	1.53	0.20	1.74	1.25	0.76
144	☐	227	27.56	0	09:59 hrs	2.27	0.00	0.00	0.68	1.16	0.36	1.51	1.41	0.67
145	☐	228	9.91	0	09:53 hrs	2.06	0.00	0.00	1.08	0.87	0.09	0.96	0.43	0.47
146	☐	229	24.94	0	09:53 hrs	2.06	0.00	0.00	0.60	1.22	0.22	1.44	1.10	0.70
147	☐	23	21.98	0	09:59 hrs	2.27	0.00	0.00	0.78	1.24	0.22	1.46	1.04	0.64
148	☐	230	12.60	0	09:53 hrs	2.27	0.00	0.00	0.67	1.35	0.24	1.59	0.45	0.70
149	☐	231	52.64	0	09:59 hrs	2.27	0.00	0.00	0.55	1.34	0.30	1.65	2.72	0.72
150	☐	232	25.19	0	09:59 hrs	2.27	0.00	0.00	0.49	1.40	0.30	1.70	1.19	0.75
151	☐	233	30.07	0	09:59 hrs	2.27	0.00	0.00	0.54	1.36	0.29	1.66	1.51	0.73
152	☐	234	17.39	0	09:53 hrs	2.27	0.00	0.00	0.57	1.38	0.27	1.65	0.79	0.73
153	☐	235	15.81	0	09:53 hrs	2.27	0.00	0.00	0.64	1.22	0.35	1.57	0.72	0.69
154	☐	236	17.90	0	09:53 hrs	2.27	0.00	0.00	0.61	1.22	0.36	1.59	0.84	0.70
155	☐	237	20.04	0	09:59 hrs	2.27	0.00	0.00	0.63	1.19	0.37	1.56	0.97	0.69
156	☐	238	16.69	0	09:53 hrs	2.27	0.00	0.00	0.72	1.20	0.32	1.52	0.78	0.67
157	☐	239	18.08	0	09:53 hrs	2.27	0.00	0.00	0.62	1.20	0.37	1.57	0.87	0.69
158	☐	24	5.71	0	09:53 hrs	2.27	0.00	0.00	0.69	1.36	0.21	1.56	0.21	0.69
159	☐	240	26.81	0	09:59 hrs	2.27	0.00	0.00	0.53	1.35	0.31	1.67	1.31	0.73
160	☐	241	14.56	0	09:53 hrs	2.27	0.00	0.00	0.93	1.32	0.00	1.32	0.57	0.58
161	☐	242	9.59	0	09:53 hrs	2.27	0.00	0.00	1.06	1.18	0.01	1.19	0.38	0.52
162	☐	243	9.92	0	09:53 hrs	2.27	0.00	0.00	0.83	1.16	0.27	1.42	0.40	0.63
163	☐	244	19.23	0	09:53 hrs	2.27	0.00	0.00	0.65	1.16	0.39	1.54	0.89	0.68
164	☐	245	11.04	0	09:53 hrs	2.27	0.00	0.00	0.78	1.18	0.29	1.47	0.46	0.65
165	☐	246	16.70	0	09:53 hrs	2.27	0.00	0.00	0.81	1.20	0.23	1.43	0.76	0.63
166	☐	247	23.93	0	09:59 hrs	2.27	0.00	0.00	0.85	1.16	0.22	1.39	1.20	0.61
167	☐	248	34.95	0	09:59 hrs	2.27	0.00	0.00	0.89	1.12	0.23	1.35	1.79	0.60
168	☐	249	15.77	0	09:53 hrs	2.27	0.00	0.00	0.54	1.54	0.16	1.70	0.69	0.75
169	☐	25	12.44	0	09:53 hrs	2.27	0.00	0.00	0.84	1.17	0.24	1.41	0.52	0.62
170	☐	250	9.06	0	09:53 hrs	2.27	0.00	0.00	0.55	1.53	0.17	1.70	0.34	0.75

FUTURE CONDITIONS 5-YR 24-HR SUBCATCHMENTS

		ID	Peak Runoff (cfs)	Peak Runoff Day Count (Elapsed Days)	Peak Runoff Time (hrs)	Total Precipitation (in)	Total Runon (in)	Total Evaporation (in)	Total Infiltration (in)	Impervious Runoff (in)	Pervious Runoff (in)	Total Runoff Depth (in)	Total Runoff Volume (MG)	Runoff Coefficient
171	☐	251	31.09	0	09:59 hrs	2.27	0.00	0.00	0.62	1.44	0.17	1.61	1.49	0.71
172	☐	252	2.15	0	09:53 hrs	2.27	0.00	0.00	0.91	1.35	0.00	1.35	0.08	0.59
173	☐	253	7.17	0	09:53 hrs	2.27	0.00	0.00	1.05	1.15	0.05	1.20	0.28	0.53
174	☐	254	17.35	0	09:53 hrs	2.27	0.00	0.00	0.69	1.35	0.20	1.55	0.78	0.68
175	☐	255	4.16	0	09:53 hrs	2.27	0.00	0.00	0.63	1.44	0.19	1.63	0.14	0.72
176	☐	256	4.38	0	09:53 hrs	2.27	0.00	0.00	0.23	1.94	0.07	2.02	0.15	0.89
177	☐	257	12.06	0	09:53 hrs	2.27	0.00	0.00	0.60	1.47	0.18	1.64	0.49	0.72
178	☐	258	11.74	0	09:53 hrs	2.27	0.00	0.00	0.53	1.55	0.16	1.71	0.48	0.75
179	☐	259	7.57	0	09:53 hrs	2.27	0.00	0.00	0.18	2.00	0.06	2.06	0.29	0.91
180	☐	26	28.23	0	09:59 hrs	2.27	0.00	0.00	0.77	1.25	0.21	1.46	1.36	0.65
181	☐	260	11.55	0	09:53 hrs	2.27	0.00	0.00	0.64	1.42	0.19	1.61	0.46	0.71
182	☐	261	13.88	0	09:53 hrs	2.27	0.00	0.00	0.72	1.31	0.21	1.52	0.59	0.67
183	☐	262	19.58	0	09:53 hrs	2.27	0.00	0.00	0.36	1.75	0.11	1.86	0.88	0.82
184	☐	263	12.87	0	09:53 hrs	2.27	0.00	0.00	0.94	1.26	0.05	1.31	0.54	0.58
185	☐	264	19.26	0	09:53 hrs	2.27	0.00	0.00	0.70	1.34	0.20	1.54	0.87	0.68
186	☐	265	17.68	0	09:53 hrs	2.27	0.00	0.00	0.86	1.30	0.08	1.38	0.78	0.61
187	☐	266	3.64	0	09:53 hrs	2.27	0.00	0.00	0.82	1.19	0.25	1.44	0.12	0.63
188	☐	267	4.02	0	09:53 hrs	2.27	0.00	0.00	0.79	1.16	0.30	1.47	0.14	0.65
189	☐	268	5.04	0	09:53 hrs	2.27	0.00	0.00	0.76	1.26	0.23	1.49	0.18	0.66
190	☐	269	6.82	0	09:53 hrs	2.27	0.00	0.00	0.62	1.40	0.23	1.63	0.25	0.72
191	☐	27	21.86	0	09:53 hrs	2.27	0.00	0.00	0.60	1.54	0.09	1.63	1.02	0.72
192	☐	270	12.43	0	09:53 hrs	2.27	0.00	0.00	0.75	1.21	0.29	1.50	0.53	0.66
193	☐	271	11.42	0	09:53 hrs	2.27	0.00	0.00	0.75	1.22	0.27	1.49	0.47	0.66
194	☐	272	29.78	0	09:59 hrs	2.27	0.00	0.00	0.74	1.30	0.20	1.50	1.43	0.66
195	☐	273	17.31	0	09:53 hrs	2.27	0.00	0.00	1.01	1.23	0.00	1.24	0.68	0.55
196	☐	274	7.98	0	09:53 hrs	2.27	0.00	0.00	1.21	1.04	0.00	1.04	0.30	0.46
197	☐	275	6.93	0	09:53 hrs	2.27	0.00	0.00	1.36	0.90	0.00	0.90	0.25	0.40
198	☐	276	23.74	0	09:53 hrs	2.27	0.00	0.00	0.94	1.30	0.00	1.30	1.04	0.57
199	☐	277	8.34	0	09:53 hrs	2.27	0.00	0.00	1.35	0.91	0.00	0.91	0.31	0.40
200	☐	278	14.58	0	09:53 hrs	2.27	0.00	0.00	0.58	1.51	0.14	1.66	0.63	0.73
201	☐	279	17.36	0	09:53 hrs	2.27	0.00	0.00	0.81	1.20	0.23	1.43	0.78	0.63
202	☐	28	20.73	0	09:53 hrs	2.27	0.00	0.00	0.84	1.17	0.23	1.40	0.98	0.62
203	☐	280	28.99	0	09:53 hrs	2.27	0.00	0.00	0.85	1.22	0.17	1.39	1.34	0.61
204	☐	281	4.40	0	09:53 hrs	2.27	0.00	0.00	0.86	1.14	0.26	1.40	0.16	0.62

FUTURE CONDITIONS 5-YR 24-HR SUBCATCHMENTS

		ID	Peak Runoff (cfs)	Peak Runoff Day Count (Elapsed Days)	Peak Runoff Time (hrs)	Total Precipitation (in)	Total Runon (in)	Total Evaporation (in)	Total Infiltration (in)	Impervious Runoff (in)	Pervious Runoff (in)	Total Runoff Depth (in)	Total Runoff Volume (MG)	Runoff Coefficient
205	☐	282	3.47	0	09:53 hrs	2.27	0.00	0.00	0.53	1.56	0.16	1.73	0.12	0.76
206	☐	283	8.02	0	09:53 hrs	2.27	0.00	0.00	0.82	1.19	0.24	1.43	0.31	0.63
207	☐	284	23.64	0	09:53 hrs	2.27	0.00	0.00	0.71	1.33	0.20	1.53	1.07	0.67
208	☐	285	16.66	0	09:53 hrs	2.27	0.00	0.00	0.69	1.27	0.29	1.55	0.74	0.68
209	☐	286	4.15	0	09:53 hrs	2.27	0.00	0.00	0.26	1.81	0.16	1.97	0.14	0.87
210	☐	287	25.87	0	09:53 hrs	2.27	0.00	0.00	0.36	1.64	0.21	1.85	1.19	0.81
211	☐	288	26.23	0	09:53 hrs	2.27	0.00	0.00	1.05	0.89	0.32	1.21	1.09	0.53
212	☐	289	15.78	0	09:53 hrs	2.27	0.00	0.00	0.08	2.08	0.05	2.13	0.72	0.94
213	☐	29	23.46	0	09:59 hrs	2.27	0.00	0.00	0.80	1.22	0.22	1.43	1.13	0.63
214	☐	290	15.30	0	09:53 hrs	2.27	0.00	0.00	0.08	2.07	0.05	2.12	0.72	0.94
215	☐	291	28.93	0	09:53 hrs	2.27	0.00	0.00	1.06	0.89	0.31	1.20	1.37	0.53
216	☐	292	31.30	0	09:59 hrs	2.27	0.00	0.00	0.52	1.52	0.18	1.70	1.53	0.75
217	☐	293	3.50	0	09:53 hrs	2.06	0.00	0.00	0.53	1.37	0.14	1.51	0.12	0.73
218	☐	294	1.18	0	09:53 hrs	2.27	0.00	0.00	0.18	2.03	0.06	2.09	0.04	0.92
219	☐	295	11.10	0	09:53 hrs	2.27	0.00	0.00	0.48	1.74	0.02	1.76	0.46	0.77
220	☐	296	35.48	0	09:59 hrs	2.06	0.00	0.00	0.36	1.46	0.17	1.64	1.77	0.80
221	☐	297	5.10	0	09:53 hrs	2.27	0.00	0.00	0.25	1.89	0.11	2.00	0.17	0.88
222	☐	298	55.36	0	09:59 hrs	2.06	0.00	0.00	0.20	1.70	0.09	1.79	2.96	0.87
223	☐	299	38.53	0	09:59 hrs	2.27	0.00	0.00	0.88	1.14	0.22	1.36	2.10	0.60
224	☐	3	11.51	0	09:53 hrs	2.27	0.00	0.00	0.34	1.86	0.03	1.89	0.48	0.83
225	☐	30	20.63	0	09:53 hrs	2.06	0.00	0.00	1.21	0.44	0.37	0.82	1.31	0.40
226	☐	300	32.33	0	09:59 hrs	2.27	0.00	0.00	0.82	1.19	0.22	1.41	1.63	0.62
227	☐	301	9.34	0	09:53 hrs	2.06	0.00	0.00	0.76	1.06	0.22	1.28	0.41	0.62
228	☐	302	24.20	0	09:59 hrs	2.06	0.00	0.00	0.82	1.03	0.18	1.21	1.24	0.59
229	☐	303	19.05	0	09:59 hrs	2.06	0.00	0.00	0.62	1.26	0.14	1.40	0.94	0.68
230	☐	304	6.44	0	09:53 hrs	2.06	0.00	0.00	0.27	1.67	0.07	1.75	0.26	0.85
231	☐	305	15.08	0	09:53 hrs	2.06	0.00	0.00	0.76	1.10	0.18	1.27	0.70	0.62
232	☐	306	13.51	0	09:53 hrs	2.06	0.00	0.00	0.65	1.23	0.16	1.39	0.58	0.67
233	☐	307	21.08	0	09:53 hrs	2.27	0.00	0.00	0.63	1.40	0.21	1.60	0.97	0.71
234	☐	308	33.56	0	09:59 hrs	2.27	0.00	0.00	0.26	1.88	0.08	1.95	1.69	0.86
235	☐	309	8.64	0	09:53 hrs	2.27	0.00	0.00	0.93	1.12	0.20	1.32	0.35	0.58
236	☐	31	30.91	0	09:59 hrs	2.06	0.00	0.00	0.66	1.17	0.20	1.36	1.51	0.66
237	☐	310	20.10	0	09:53 hrs	2.27	0.00	0.00	0.50	1.58	0.15	1.73	0.90	0.76
238	☐	311	13.97	0	09:53 hrs	2.06	0.00	0.00	0.65	1.22	0.16	1.38	0.63	0.67

FUTURE CONDITIONS 5-YR 24-HR SUBCATCHMENTS

		ID	Peak Runoff (cfs)	Peak Runoff Day Count (Elapsed Days)	Peak Runoff Time (hrs)	Total Precipitation (in)	Total Runon (in)	Total Evaporation (in)	Total Infiltration (in)	Impervious Runoff (in)	Pervious Runoff (in)	Total Runoff Depth (in)	Total Runoff Volume (MG)	Runoff Coefficient
239	☐	312	23.11	0	09:53 hrs	2.06	0.00	0.00	0.27	1.60	0.14	1.73	0.98	0.84
240	☐	313	6.52	0	09:53 hrs	2.27	0.00	0.00	0.23	1.90	0.10	2.00	0.25	0.88
241	☐	314	6.83	0	09:53 hrs	2.06	0.00	0.00	0.21	1.74	0.07	1.81	0.27	0.88
242	☐	315	15.37	0	09:53 hrs	2.06	0.00	0.00	0.63	1.07	0.31	1.38	0.66	0.67
243	☐	316	38.73	0	09:59 hrs	2.06	0.00	0.00	0.47	1.29	0.23	1.52	2.12	0.74
244	☐	317	14.80	0	09:53 hrs	2.06	0.00	0.00	0.43	1.36	0.22	1.58	0.63	0.77
245	☐	318	6.92	0	09:53 hrs	2.06	0.00	0.00	0.58	1.31	0.14	1.45	0.29	0.71
246	☐	319	19.79	0	09:59 hrs	2.06	0.00	0.00	0.53	1.36	0.13	1.49	0.94	0.72
247	☐	32	10.93	0	09:53 hrs	2.06	0.00	0.00	0.71	1.08	0.25	1.32	0.47	0.64
248	☐	320	23.25	0	09:53 hrs	2.06	0.00	0.00	0.39	1.50	0.13	1.63	1.08	0.79
249	☐	321	7.79	0	09:53 hrs	2.06	0.00	0.00	0.32	1.62	0.08	1.70	0.33	0.83
250	☐	322	12.31	0	09:59 hrs	2.06	0.00	0.00	0.24	1.71	0.06	1.77	0.59	0.86
251	☐	323	18.36	0	09:53 hrs	2.27	0.00	0.00	0.54	1.33	0.32	1.66	0.86	0.73
252	☐	324	13.33	0	09:53 hrs	2.06	0.00	0.00	0.69	1.18	0.16	1.34	0.63	0.65
253	☐	325	14.71	0	09:59 hrs	2.06	0.00	0.00	0.77	1.08	0.17	1.26	0.72	0.61
254	☐	326	30.94	0	09:59 hrs	2.06	0.00	0.00	0.52	1.38	0.12	1.50	1.56	0.73
255	☐	327	8.14	0	09:53 hrs	2.06	0.00	0.00	0.72	1.14	0.18	1.31	0.33	0.64
256	☐	328	10.07	0	09:53 hrs	2.06	0.00	0.00	0.61	1.27	0.15	1.42	0.44	0.69
257	☐	329	16.01	0	09:53 hrs	2.06	0.00	0.00	0.64	1.23	0.15	1.39	0.72	0.67
258	☐	33	21.76	0	09:59 hrs	2.06	0.00	0.00	0.63	1.14	0.25	1.39	1.07	0.67
259	☐	330	8.09	0	09:53 hrs	2.06	0.00	0.00	0.28	1.67	0.07	1.74	0.34	0.84
260	☐	331	29.60	0	09:59 hrs	2.27	0.00	0.00	0.70	1.34	0.19	1.53	1.44	0.67
261	☐	332	15.10	0	09:53 hrs	2.06	0.00	0.00	0.59	1.12	0.29	1.41	0.72	0.69
262	☐	333	32.13	0	09:59 hrs	2.27	0.00	0.00	0.65	1.18	0.36	1.54	1.66	0.68
263	☐	334	25.85	0	09:59 hrs	2.27	0.00	0.00	0.34	1.65	0.21	1.85	1.25	0.82
264	☐	335	35.70	0	09:59 hrs	2.06	0.00	0.00	0.26	1.68	0.06	1.74	1.88	0.85
265	☐	336	23.71	0	09:59 hrs	2.06	0.00	0.00	0.42	1.49	0.10	1.59	1.14	0.77
266	☐	337	14.06	0	09:53 hrs	2.06	0.00	0.00	0.55	1.34	0.14	1.47	0.63	0.71
267	☐	338	13.84	0	09:53 hrs	2.06	0.00	0.00	0.35	1.57	0.09	1.66	0.62	0.81
268	☐	339	9.48	0	09:53 hrs	2.06	0.00	0.00	0.47	1.43	0.12	1.55	0.41	0.75
269	☐	34	10.19	0	09:53 hrs	2.27	0.00	0.00	0.89	1.10	0.25	1.35	0.45	0.60
270	☐	340	21.28	0	09:53 hrs	2.27	0.00	0.00	0.21	1.94	0.07	2.00	1.00	0.88
271	☐	341	4.94	0	09:53 hrs	2.27	0.00	0.00	0.77	1.25	0.23	1.48	0.19	0.65
272	☐	342	37.12	0	09:59 hrs	2.27	0.00	0.00	0.10	2.07	0.03	2.10	1.96	0.93

FUTURE CONDITIONS 5-YR 24-HR SUBCATCHMENTS

		ID	Peak Runoff (cfs)	Peak Runoff Day Count (Elapsed Days)	Peak Runoff Time (hrs)	Total Precipitation (in)	Total Runon (in)	Total Evaporation (in)	Total Infiltration (in)	Impervious Runoff (in)	Pervious Runoff (in)	Total Runoff Depth (in)	Total Runoff Volume (MG)	Runoff Coefficient
273	☐	343	24.85	0	09:59 hrs	2.27	0.00	0.00	0.14	2.03	0.04	2.07	1.24	0.91
274	☐	344	1.70	0	09:53 hrs	2.27	0.00	0.00	0.15	2.05	0.05	2.10	0.06	0.92
275	☐	345	3.26	0	09:53 hrs	2.27	0.00	0.00	0.43	1.69	0.14	1.83	0.10	0.81
276	☐	346	25.93	0	09:59 hrs	2.27	0.00	0.00	0.58	1.49	0.17	1.65	1.21	0.73
277	☐	347	12.36	0	09:53 hrs	2.27	0.00	0.00	0.51	1.57	0.15	1.72	0.50	0.76
278	☐	348	20.43	0	09:59 hrs	2.27	0.00	0.00	0.83	1.19	0.22	1.41	0.99	0.62
279	☐	349	15.61	0	09:53 hrs	2.27	0.00	0.00	0.96	1.21	0.07	1.28	0.70	0.56
280	☐	35	22.98	0	09:59 hrs	2.27	0.00	0.00	0.87	1.14	0.23	1.37	1.14	0.60
281	☐	350	29.11	0	09:59 hrs	2.27	0.00	0.00	0.66	1.38	0.19	1.57	1.39	0.69
282	☐	351	26.96	0	09:53 hrs	2.27	0.00	0.00	1.01	1.24	0.00	1.24	1.18	0.54
283	☐	352	1.88	0	09:53 hrs	2.06	0.00	0.00	0.53	1.52	0.00	1.52	0.07	0.74
284	☐	353	8.95	0	09:53 hrs	2.27	0.00	0.00	0.36	1.88	0.00	1.88	0.35	0.83
285	☐	354	119.19	0	09:59 hrs	2.27	0.00	0.00	1.90	0.36	0.00	0.36	6.19	0.16
286	☐	355	4.76	0	09:53 hrs	2.06	0.00	0.00	0.67	1.23	0.15	1.37	0.18	0.67
287	☐	356	4.67	0	09:53 hrs	2.27	0.00	0.00	0.20	1.98	0.06	2.04	0.17	0.90
288	☐	357	39.89	0	09:59 hrs	2.27	0.00	0.00	1.48	0.48	0.30	0.78	2.48	0.34
289	☐	358	7.67	0	09:53 hrs	2.27	0.00	0.00	0.22	1.95	0.07	2.01	0.30	0.89
290	☐	359	12.28	0	09:53 hrs	2.27	0.00	0.00	0.74	1.29	0.22	1.50	0.51	0.66
291	☐	36	20.67	0	09:53 hrs	2.06	0.00	0.00	0.49	1.39	0.14	1.53	0.94	0.74
292	☐	360	6.20	0	09:53 hrs	2.06	0.00	0.00	0.64	1.24	0.16	1.40	0.25	0.68
293	☐	361	6.80	0	09:53 hrs	2.06	0.00	0.00	0.82	1.03	0.20	1.23	0.28	0.59
294	☐	362	14.09	0	09:53 hrs	2.06	0.00	0.00	0.67	1.20	0.16	1.36	0.67	0.66
295	☐	363	8.13	0	09:53 hrs	2.06	0.00	0.00	0.54	1.35	0.14	1.49	0.34	0.72
296	☐	364	12.50	0	09:53 hrs	2.06	0.00	0.00	0.81	1.04	0.19	1.23	0.56	0.60
297	☐	365	19.12	0	09:59 hrs	2.06	0.00	0.00	0.75	1.11	0.17	1.28	0.94	0.62
298	☐	366	14.57	0	09:53 hrs	2.06	0.00	0.00	0.39	1.53	0.10	1.63	0.63	0.79
299	☐	367	31.45	0	09:59 hrs	2.27	0.00	0.00	0.68	1.19	0.33	1.52	1.62	0.67
300	☐	368	16.08	0	09:53 hrs	2.27	0.00	0.00	0.80	1.22	0.23	1.45	0.71	0.64
301	☐	369	34.15	0	09:59 hrs	2.27	0.00	0.00	0.41	1.69	0.12	1.82	1.62	0.80
302	☐	37	16.07	0	09:53 hrs	2.06	0.00	0.00	0.70	1.12	0.21	1.33	0.72	0.65
303	☐	370	6.79	0	09:53 hrs	2.27	0.00	0.00	0.33	1.80	0.10	1.90	0.27	0.84
304	☐	371	43.52	0	09:59 hrs	2.27	0.00	0.00	0.26	1.86	0.08	1.94	2.31	0.85
305	☐	372	7.60	0	09:53 hrs	2.27	0.00	0.00	0.09	2.10	0.03	2.13	0.32	0.94
306	☐	373	16.33	0	09:53 hrs	2.27	0.00	0.00	0.83	1.17	0.25	1.41	0.74	0.62

FUTURE CONDITIONS 5-YR 24-HR SUBCATCHMENTS

		ID	Peak Runoff (cfs)	Peak Runoff Day Count (Elapsed Days)	Peak Runoff Time (hrs)	Total Precipitation (in)	Total Runon (in)	Total Evaporation (in)	Total Infiltration (in)	Impervious Runoff (in)	Pervious Runoff (in)	Total Runoff Depth (in)	Total Runoff Volume (MG)	Runoff Coefficient
307	☐	374	8.81	0	09:53 hrs	2.27	0.00	0.00	0.26	1.87	0.10	1.97	0.34	0.87
308	☐	375	11.89	0	09:53 hrs	2.06	0.00	0.00	0.56	1.26	0.21	1.47	0.48	0.71
309	☐	376	11.65	0	09:53 hrs	2.27	0.00	0.00	0.65	1.39	0.19	1.59	0.48	0.70
310	☐	377	3.47	0	09:53 hrs	2.27	0.00	0.00	0.23	1.94	0.07	2.02	0.12	0.89
311	☐	378	5.10	0	09:53 hrs	2.27	0.00	0.00	0.18	2.00	0.06	2.06	0.19	0.91
312	☐	379	17.58	0	09:53 hrs	2.27	0.00	0.00	0.66	1.39	0.19	1.58	0.76	0.70
313	☐	38	36.55	0	09:59 hrs	2.27	0.00	0.00	0.81	1.19	0.25	1.43	1.85	0.63
314	☐	380	13.87	0	09:53 hrs	2.27	0.00	0.00	0.52	1.56	0.16	1.72	0.57	0.76
315	☐	381	8.26	0	09:53 hrs	2.27	0.00	0.00	0.51	1.57	0.15	1.73	0.33	0.76
316	☐	382	3.85	0	09:53 hrs	2.27	0.00	0.00	0.81	1.32	0.12	1.44	0.13	0.64
317	☐	383	15.79	0	09:53 hrs	2.27	0.00	0.00	0.79	1.23	0.22	1.46	0.69	0.64
318	☐	384	18.03	0	09:53 hrs	2.27	0.00	0.00	0.68	1.36	0.20	1.56	0.80	0.69
319	☐	385	15.01	0	09:53 hrs	2.27	0.00	0.00	0.16	2.01	0.05	2.06	0.67	0.91
320	☐	386	17.28	0	09:53 hrs	2.27	0.00	0.00	0.82	1.19	0.23	1.42	0.73	0.63
321	☐	387	4.54	0	09:53 hrs	2.27	0.00	0.00	0.86	1.14	0.26	1.40	0.15	0.62
322	☐	388	6.12	0	09:53 hrs	2.27	0.00	0.00	0.69	1.25	0.32	1.56	0.22	0.69
323	☐	389	3.20	0	09:53 hrs	2.27	0.00	0.00	0.69	1.57	0.00	1.57	0.12	0.69
324	☐	39	12.60	0	09:53 hrs	2.27	0.00	0.00	0.81	1.21	0.23	1.44	0.53	0.63
325	☐	390	3.72	0	09:53 hrs	2.27	0.00	0.00	1.09	1.17	0.00	1.17	0.14	0.52
326	☐	391	7.93	0	09:53 hrs	2.27	0.00	0.00	0.74	1.28	0.22	1.51	0.31	0.66
327	☐	392	7.98	0	09:53 hrs	2.27	0.00	0.00	0.80	1.21	0.24	1.45	0.31	0.64
328	☐	393	8.97	0	09:53 hrs	2.27	0.00	0.00	0.77	1.25	0.23	1.48	0.35	0.65
329	☐	394	8.82	0	09:53 hrs	2.27	0.00	0.00	0.59	1.47	0.18	1.65	0.34	0.73
330	☐	395	9.99	0	09:53 hrs	2.27	0.00	0.00	0.89	1.11	0.25	1.36	0.43	0.60
331	☐	396	9.83	0	09:53 hrs	2.27	0.00	0.00	0.55	1.53	0.16	1.69	0.39	0.75
332	☐	397	21.55	0	09:53 hrs	2.27	0.00	0.00	0.83	1.18	0.23	1.41	1.00	0.62
333	☐	398	10.24	0	09:53 hrs	2.27	0.00	0.00	0.68	1.36	0.20	1.56	0.42	0.69
334	☐	399	19.82	0	09:53 hrs	2.27	0.00	0.00	0.35	1.77	0.11	1.87	0.89	0.83
335	☐	4	7.86	0	09:53 hrs	2.27	0.00	0.00	0.25	1.90	0.08	1.98	0.30	0.87
336	☐	40	12.68	0	09:53 hrs	2.27	0.00	0.00	0.85	1.15	0.24	1.39	0.57	0.61
337	☐	400	35.64	0	09:59 hrs	2.27	0.00	0.00	0.81	1.21	0.21	1.42	1.80	0.63
338	☐	401	8.66	0	09:53 hrs	2.27	0.00	0.00	0.63	1.42	0.19	1.61	0.34	0.71
339	☐	402	12.99	0	09:53 hrs	2.06	0.00	0.00	0.71	1.12	0.22	1.33	0.51	0.65
340	☐	403	7.68	0	09:53 hrs	2.06	0.00	0.00	0.54	1.20	0.27	1.47	0.32	0.71

FUTURE CONDITIONS 5-YR 24-HR SUBCATCHMENTS

		ID	Peak Runoff (cfs)	Peak Runoff Day Count (Elapsed Days)	Peak Runoff Time (hrs)	Total Precipitation (in)	Total Runon (in)	Total Evaporation (in)	Total Infiltration (in)	Impervious Runoff (in)	Pervious Runoff (in)	Total Runoff Depth (in)	Total Runoff Volume (MG)	Runoff Coefficient
341	☐	404	20.32	0	09:59 hrs	2.06	0.00	0.00	0.65	1.02	0.32	1.34	1.05	0.65
342	☐	405	13.55	0	09:53 hrs	2.06	0.00	0.00	0.57	1.15	0.28	1.43	0.62	0.69
343	☐	406	40.33	0	09:59 hrs	2.06	0.00	0.00	0.28	1.65	0.07	1.72	2.06	0.84
344	☐	407	18.55	0	09:53 hrs	2.27	0.00	0.00	0.85	1.16	0.24	1.40	0.82	0.61
345	☐	408	3.52	0	09:53 hrs	2.27	0.00	0.00	0.17	2.01	0.06	2.07	0.13	0.91
346	☐	409	2.85	0	09:53 hrs	2.27	0.00	0.00	0.22	1.95	0.07	2.02	0.10	0.89
347	☐	41	26.12	0	09:59 hrs	2.27	0.00	0.00	0.83	1.18	0.22	1.41	1.28	0.62
348	☐	410	17.33	0	09:53 hrs	2.27	0.00	0.00	0.75	1.48	0.00	1.48	0.75	0.65
349	☐	411	8.69	0	09:53 hrs	2.27	0.00	0.00	0.68	1.56	0.01	1.56	0.36	0.69
350	☐	412	8.12	0	09:53 hrs	2.27	0.00	0.00	0.84	1.40	0.00	1.40	0.33	0.62
351	☐	413	6.03	0	09:53 hrs	2.27	0.00	0.00	0.49	1.75	0.00	1.75	0.23	0.77
352	☐	414	16.82	0	09:53 hrs	2.27	0.00	0.00	0.73	1.30	0.21	1.51	0.73	0.66
353	☐	415	9.79	0	09:53 hrs	2.27	0.00	0.00	0.81	1.20	0.24	1.44	0.39	0.63
354	☐	416	16.77	0	09:53 hrs	2.27	0.00	0.00	0.68	1.37	0.20	1.56	0.73	0.69
355	☐	417	5.72	0	09:53 hrs	2.27	0.00	0.00	0.87	1.13	0.26	1.39	0.21	0.61
356	☐	418	12.04	0	09:53 hrs	2.27	0.00	0.00	0.49	1.59	0.15	1.74	0.52	0.77
357	☐	419	7.31	0	09:53 hrs	2.27	0.00	0.00	0.18	1.98	0.06	2.04	0.30	0.90
358	☐	42	17.40	0	09:53 hrs	2.27	0.00	0.00	0.46	1.76	0.01	1.77	0.73	0.78
359	☐	420	3.32	0	09:53 hrs	2.27	0.00	0.00	0.23	2.01	0.00	2.01	0.13	0.89
360	☐	421	29.81	0	09:59 hrs	2.27	0.00	0.00	1.03	0.96	0.24	1.21	1.66	0.53
361	☐	422	25.86	0	09:59 hrs	2.27	0.00	0.00	0.69	1.35	0.19	1.54	1.23	0.68
362	☐	423	2.41	0	09:53 hrs	2.06	0.00	0.00	0.48	1.29	0.25	1.53	0.09	0.75
363	☐	424	9.40	0	09:53 hrs	2.06	0.00	0.00	0.40	1.41	0.20	1.61	0.39	0.78
364	☐	425	22.62	0	09:59 hrs	2.06	0.00	0.00	0.52	1.22	0.26	1.48	1.12	0.72
365	☐	426	30.79	0	09:59 hrs	2.06	0.00	0.00	0.78	0.87	0.34	1.20	1.77	0.58
366	☐	427	7.87	0	09:53 hrs	2.06	0.00	0.00	0.78	0.84	0.39	1.23	0.31	0.60
367	☐	428	15.21	0	09:53 hrs	2.06	0.00	0.00	0.40	1.42	0.19	1.61	0.65	0.78
368	☐	429	26.02	0	09:59 hrs	2.06	0.00	0.00	0.55	1.34	0.13	1.47	1.23	0.71
369	☐	43	22.05	0	09:53 hrs	2.27	0.00	0.00	0.78	1.23	0.22	1.46	1.03	0.64
370	☐	430	6.31	0	09:53 hrs	2.06	0.00	0.00	0.80	1.05	0.19	1.24	0.26	0.60
371	☐	431	23.09	0	09:59 hrs	2.06	0.00	0.00	0.69	1.18	0.16	1.34	1.14	0.65
372	☐	432	20.49	0	09:53 hrs	2.06	0.00	0.00	0.77	1.08	0.18	1.26	0.97	0.61
373	☐	433	23.21	0	09:59 hrs	2.06	0.00	0.00	0.72	1.15	0.16	1.31	1.16	0.63
374	☐	434	26.35	0	09:59 hrs	2.06	0.00	0.00	0.51	1.38	0.12	1.51	1.25	0.73

FUTURE CONDITIONS 5-YR 24-HR SUBCATCHMENTS

		ID	Peak Runoff (cfs)	Peak Runoff Day Count (Elapsed Days)	Peak Runoff Time (hrs)	Total Precipitation (in)	Total Runon (in)	Total Evaporation (in)	Total Infiltration (in)	Impervious Runoff (in)	Pervious Runoff (in)	Total Runoff Depth (in)	Total Runoff Volume (MG)	Runoff Coefficient
375	☐	435	12.03	0	09:53 hrs	2.06	0.00	0.00	0.67	1.20	0.16	1.36	0.54	0.66
376	☐	436	9.34	0	09:53 hrs	2.06	0.00	0.00	0.41	1.40	0.21	1.61	0.35	0.78
377	☐	437	14.30	0	09:53 hrs	2.06	0.00	0.00	0.46	1.31	0.23	1.54	0.65	0.75
378	☐	438	27.71	0	09:59 hrs	2.06	0.00	0.00	0.32	1.52	0.16	1.68	1.34	0.82
379	☐	439	21.54	0	09:59 hrs	2.06	0.00	0.00	0.64	1.09	0.28	1.37	1.06	0.67
380	☐	44	28.73	0	09:59 hrs	2.27	0.00	0.00	0.83	1.18	0.22	1.40	1.42	0.62
381	☐	440	20.39	0	09:59 hrs	2.06	0.00	0.00	0.54	1.35	0.13	1.48	0.98	0.72
382	☐	441	4.40	0	09:53 hrs	2.06	0.00	0.00	0.68	1.29	0.07	1.36	0.16	0.66
383	☐	442	48.49	0	09:59 hrs	2.06	0.00	0.00	0.68	1.20	0.14	1.34	2.73	0.65
384	☐	443	1.99	0	09:53 hrs	2.06	0.00	0.00	0.55	1.34	0.15	1.49	0.07	0.72
385	☐	444	12.46	0	09:53 hrs	2.06	0.00	0.00	0.30	1.63	0.08	1.71	0.58	0.83
386	☐	445	16.93	0	09:59 hrs	2.06	0.00	0.00	0.78	1.08	0.17	1.25	0.84	0.61
387	☐	446	8.19	0	09:53 hrs	2.06	0.00	0.00	0.76	1.07	0.21	1.28	0.35	0.62
388	☐	447	11.27	0	09:53 hrs	2.27	0.00	0.00	0.80	1.22	0.23	1.45	0.46	0.64
389	☐	448	10.97	0	09:53 hrs	2.27	0.00	0.00	0.90	1.10	0.26	1.36	0.44	0.60
390	☐	449	11.64	0	09:53 hrs	2.27	0.00	0.00	0.18	1.99	0.05	2.04	0.51	0.90
391	☐	45	41.53	0	09:59 hrs	2.06	0.00	0.00	0.57	1.17	0.26	1.43	2.16	0.69
392	☐	450	6.57	0	09:53 hrs	2.27	0.00	0.00	0.59	1.47	0.18	1.65	0.25	0.73
393	☐	451	5.59	0	09:53 hrs	2.27	0.00	0.00	0.87	1.13	0.26	1.39	0.20	0.61
394	☐	452	11.96	0	09:53 hrs	2.06	0.00	0.00	0.41	1.43	0.18	1.61	0.50	0.78
395	☐	453	43.39	0	09:59 hrs	2.27	0.00	0.00	0.59	1.38	0.24	1.62	2.36	0.72
396	☐	454	45.02	0	09:59 hrs	2.06	0.00	0.00	0.74	1.00	0.28	1.28	2.42	0.62
397	☐	455	4.84	0	09:53 hrs	2.06	0.00	0.00	0.35	1.56	0.12	1.68	0.18	0.82
398	☐	456	30.14	0	09:59 hrs	2.27	0.00	0.00	0.86	1.15	0.22	1.37	1.54	0.61
399	☐	457	12.68	0	09:53 hrs	2.06	0.00	0.00	0.34	1.54	0.14	1.68	0.51	0.82
400	☐	458	15.36	0	09:53 hrs	2.06	0.00	0.00	0.54	1.31	0.17	1.48	0.70	0.72
401	☐	459	21.28	0	09:59 hrs	2.27	0.00	0.00	0.60	1.46	0.17	1.63	1.00	0.72
402	☐	46	15.37	0	09:53 hrs	2.06	0.00	0.00	0.36	1.47	0.18	1.66	0.60	0.80
403	☐	460	7.37	0	09:53 hrs	2.06	0.00	0.00	0.20	1.76	0.05	1.82	0.29	0.88
404	☐	461	29.12	0	09:59 hrs	2.06	0.00	0.00	0.24	1.70	0.06	1.76	1.54	0.85
405	☐	462	40.75	0	09:59 hrs	2.06	0.00	0.00	0.19	1.75	0.05	1.80	2.21	0.87
406	☐	463	17.04	0	09:53 hrs	2.27	0.00	0.00	0.28	1.85	0.09	1.94	0.77	0.85
407	☐	464	3.65	0	09:53 hrs	2.06	0.00	0.00	0.57	1.32	0.15	1.47	0.13	0.71
408	☐	465	6.35	0	09:53 hrs	2.06	0.00	0.00	0.87	0.96	0.21	1.17	0.26	0.57

FUTURE CONDITIONS 5-YR 24-HR SUBCATCHMENTS

		ID	Peak Runoff (cfs)	Peak Runoff Day Count (Elapsed Days)	Peak Runoff Time (hrs)	Total Precipitation (in)	Total Runon (in)	Total Evaporation (in)	Total Infiltration (in)	Impervious Runoff (in)	Pervious Runoff (in)	Total Runoff Depth (in)	Total Runoff Volume (MG)	Runoff Coefficient
409	☐	466	1.74	0	09:53 hrs	2.06	0.00	0.00	1.12	0.66	0.28	0.94	0.07	0.46
410	☐	467	15.87	0	09:53 hrs	2.06	0.00	0.00	0.50	1.39	0.13	1.52	0.73	0.74
411	☐	468	4.21	0	09:53 hrs	2.27	0.00	0.00	0.66	1.58	0.00	1.58	0.17	0.70
412	☐	469	16.11	0	09:53 hrs	2.27	0.00	0.00	0.71	1.53	0.00	1.53	0.69	0.67
413	☐	47	15.74	0	09:53 hrs	2.06	0.00	0.00	0.28	1.59	0.14	1.73	0.70	0.84
414	☐	470	5.29	0	09:53 hrs	2.06	0.00	0.00	0.64	1.23	0.16	1.40	0.21	0.68
415	☐	471	1.76	0	09:53 hrs	2.27	0.00	0.00	0.44	1.69	0.14	1.83	0.05	0.81
416	☐	472	1.66	0	09:53 hrs	2.27	0.00	0.00	0.43	1.70	0.14	1.84	0.05	0.81
417	☐	473	1.71	0	09:53 hrs	2.27	0.00	0.00	0.17	2.01	0.06	2.07	0.06	0.91
418	☐	474	7.90	0	09:53 hrs	2.27	0.00	0.00	0.67	1.57	0.00	1.57	0.32	0.69
419	☐	475	128.14	0	09:59 hrs	2.27	0.00	0.00	1.05	0.95	0.23	1.18	8.54	0.52
420	☐	476	112.79	0	09:59 hrs	2.27	0.00	0.00	1.10	0.88	0.27	1.14	6.88	0.50
421	☐	477	33.70	0	09:59 hrs	2.06	0.00	0.00	0.98	0.88	0.16	1.04	2.10	0.51
422	☐	478	29.14	0	09:53 hrs	2.27	0.00	0.00	0.38	1.60	0.23	1.83	1.30	0.81
423	☐	479	5.32	0	09:59 hrs	2.27	0.00	0.00	1.78	0.11	0.38	0.49	0.43	0.22
424	☐	48	30.26	0	09:59 hrs	2.06	0.00	0.00	0.46	1.35	0.20	1.55	1.44	0.75
425	☐	480	9.60	0	09:53 hrs	2.27	0.00	0.00	0.95	1.03	0.26	1.29	0.44	0.57
426	☐	481	27.01	0	09:59 hrs	2.27	0.00	0.00	0.79	1.23	0.21	1.44	1.35	0.63
427	☐	489	16.64	0	09:59 hrs	2.27	0.00	0.00	1.81	0.14	0.32	0.46	1.49	0.20
428	☐	49	13.75	0	09:53 hrs	2.06	0.00	0.00	0.14	1.83	0.04	1.87	0.59	0.91
429	☐	490	12.61	0	09:59 hrs	2.27	0.00	0.00	1.02	0.96	0.27	1.22	0.63	0.54
430	☐	491	3.75	0	09:59 hrs	2.27	0.00	0.00	1.76	0.11	0.40	0.52	0.28	0.23
431	☐	492	1.61	0	09:53 hrs	2.27	0.00	0.00	0.99	0.98	0.29	1.26	0.06	0.56
432	☐	493	15.31	0	09:59 hrs	2.27	0.00	0.00	1.02	0.97	0.26	1.23	0.77	0.54
433	☐	494	88.48	0	09:59 hrs	2.27	0.00	0.00	1.06	0.96	0.22	1.18	5.54	0.52
434	☐	496	6.05	0	09:53 hrs	2.06	0.00	0.00	1.65	0.15	0.25	0.41	0.45	0.20
435	☐	5	11.39	0	09:53 hrs	2.27	0.00	0.00	0.69	1.35	0.20	1.55	0.49	0.68
436	☐	50	15.45	0	09:53 hrs	2.06	0.00	0.00	0.51	1.39	0.13	1.52	0.65	0.74
437	☐	51	16.69	0	09:53 hrs	2.06	0.00	0.00	0.44	1.47	0.11	1.58	0.70	0.77
438	☐	52	30.24	0	09:59 hrs	2.06	0.00	0.00	0.58	1.29	0.16	1.44	1.48	0.70
439	☐	53	27.08	0	09:59 hrs	2.06	0.00	0.00	0.45	1.41	0.16	1.57	1.35	0.76
440	☐	54	26.05	0	09:59 hrs	2.06	0.00	0.00	0.27	1.67	0.07	1.74	1.27	0.84
441	☐	55	30.80	0	09:59 hrs	2.06	0.00	0.00	0.33	1.60	0.08	1.68	1.54	0.82
442	☐	56	26.85	0	09:59 hrs	2.06	0.00	0.00	0.34	1.58	0.09	1.67	1.33	0.81

FUTURE CONDITIONS 5-YR 24-HR SUBCATCHMENTS

		ID	Peak Runoff (cfs)	Peak Runoff Day Count (Elapsed Days)	Peak Runoff Time (hrs)	Total Precipitation (in)	Total Runon (in)	Total Evaporation (in)	Total Infiltration (in)	Impervious Runoff (in)	Pervious Runoff (in)	Total Runoff Depth (in)	Total Runoff Volume (MG)	Runoff Coefficient
443	☐	57	17.96	0	09:53 hrs	2.06	0.00	0.00	0.45	1.46	0.11	1.57	0.83	0.76
444	☐	58	17.84	0	09:53 hrs	2.06	0.00	0.00	0.67	1.15	0.21	1.36	0.83	0.66
445	☐	59	19.04	0	09:53 hrs	2.06	0.00	0.00	0.49	1.29	0.23	1.52	0.89	0.74
446	☐	6	5.02	0	09:53 hrs	2.27	0.00	0.00	0.51	1.73	0.01	1.73	0.19	0.76
447	☐	60	4.32	0	09:53 hrs	2.06	0.00	0.00	0.53	1.37	0.14	1.51	0.15	0.73
448	☐	61	22.50	0	09:59 hrs	2.06	0.00	0.00	0.42	1.38	0.20	1.58	1.08	0.77
449	☐	62	12.62	0	09:53 hrs	2.06	0.00	0.00	0.47	1.29	0.24	1.53	0.58	0.74
450	☐	63	24.01	0	09:59 hrs	2.06	0.00	0.00	0.67	1.07	0.27	1.34	1.21	0.65
451	☐	64	26.75	0	09:53 hrs	2.06	0.00	0.00	0.75	1.09	0.20	1.29	1.12	0.63
452	☐	65	19.76	0	09:53 hrs	2.06	0.00	0.00	1.05	0.71	0.29	1.00	0.84	0.49
453	☐	66	10.96	0	09:53 hrs	2.06	0.00	0.00	0.64	1.15	0.25	1.40	0.42	0.68
454	☐	67	21.09	0	09:53 hrs	2.06	0.00	0.00	0.76	1.02	0.27	1.28	0.86	0.62
455	☐	68	22.55	0	09:53 hrs	2.06	0.00	0.00	0.98	0.82	0.25	1.07	0.92	0.52
456	☐	69	29.84	0	09:59 hrs	2.06	0.00	0.00	0.53	1.26	0.23	1.49	1.44	0.72
457	☐	7	3.42	0	09:53 hrs	2.27	0.00	0.00	0.17	2.01	0.05	2.07	0.13	0.91
458	☐	70	14.04	0	09:53 hrs	2.06	0.00	0.00	0.40	1.41	0.20	1.60	0.64	0.78
459	☐	71	26.19	0	09:59 hrs	2.27	0.00	0.00	0.57	1.28	0.34	1.62	1.34	0.71
460	☐	72	29.37	0	09:59 hrs	2.27	0.00	0.00	0.62	1.20	0.36	1.57	1.54	0.69
461	☐	73	3.49	0	09:53 hrs	2.06	0.00	0.00	0.56	1.18	0.28	1.46	0.13	0.71
462	☐	74	8.07	0	09:53 hrs	2.06	0.00	0.00	0.66	1.01	0.33	1.34	0.36	0.65
463	☐	75	27.16	0	09:59 hrs	2.27	0.00	0.00	0.61	1.21	0.36	1.57	1.39	0.69
464	☐	76	7.40	0	09:53 hrs	2.06	0.00	0.00	0.59	1.12	0.30	1.42	0.30	0.69
465	☐	77	37.95	0	09:59 hrs	2.06	0.00	0.00	0.25	1.68	0.06	1.75	1.94	0.85
466	☐	78	16.44	0	09:53 hrs	2.06	0.00	0.00	0.08	1.90	0.02	1.92	0.81	0.93
467	☐	79	16.90	0	09:53 hrs	2.06	0.00	0.00	0.52	1.38	0.13	1.51	0.74	0.73
468	☐	8	125.47	0	09:59 hrs	2.27	0.00	0.00	1.53	0.51	0.21	0.72	9.27	0.32
469	☐	80	26.65	0	09:59 hrs	2.06	0.00	0.00	0.27	1.67	0.07	1.74	1.30	0.84
470	☐	81	27.27	0	09:59 hrs	2.06	0.00	0.00	0.29	1.65	0.07	1.72	1.31	0.84
471	☐	82	45.28	0	09:59 hrs	2.06	0.00	0.00	0.26	1.65	0.08	1.74	2.42	0.84
472	☐	83	55.41	0	09:59 hrs	2.06	0.00	0.00	0.60	1.28	0.13	1.42	3.17	0.69
473	☐	84	39.50	0	09:59 hrs	2.06	0.00	0.00	0.49	1.41	0.11	1.53	2.03	0.74
474	☐	85	36.79	0	09:59 hrs	2.06	0.00	0.00	0.38	1.53	0.09	1.62	2.01	0.79
475	☐	86	38.62	0	09:59 hrs	2.06	0.00	0.00	0.14	1.79	0.06	1.85	2.11	0.90
476	☐	87	52.40	0	09:59 hrs	2.06	0.00	0.00	0.14	1.80	0.04	1.84	3.08	0.89

FUTURE CONDITIONS 5-YR 24-HR SUBCATCHMENTS

		ID	Peak Runoff (cfs)	Peak Runoff Day Count (Elapsed Days)	Peak Runoff Time (hrs)	Total Precipitation (in)	Total Runon (in)	Total Evaporation (in)	Total Infiltration (in)	Impervious Runoff (in)	Pervious Runoff (in)	Total Runoff Depth (in)	Total Runoff Volume (MG)	Runoff Coefficient
477	☐	88	26.68	0	09:59 hrs	2.06	0.00	0.00	0.22	1.66	0.11	1.77	1.34	0.86
478	☐	89	50.47	0	09:59 hrs	2.06	0.00	0.00	0.24	1.62	0.12	1.74	2.77	0.84
479	☐	9	6.60	0	09:53 hrs	2.27	0.00	0.00	0.19	1.99	0.06	2.05	0.25	0.90
480	☐	90	67.10	0	09:59 hrs	2.06	0.00	0.00	0.10	1.83	0.05	1.88	3.82	0.91
481	☐	91	42.51	0	09:59 hrs	2.06	0.00	0.00	0.24	1.64	0.12	1.76	2.15	0.85
482	☐	92	16.38	0	09:53 hrs	2.06	0.00	0.00	0.11	1.83	0.06	1.89	0.78	0.92
483	☐	93	37.26	0	09:59 hrs	2.06	0.00	0.00	0.23	1.71	0.06	1.77	1.89	0.86
484	☐	94	1.51	0	09:53 hrs	2.06	0.00	0.00	0.13	1.83	0.07	1.90	0.05	0.92
485	☐	95	2.07	0	09:53 hrs	2.06	0.00	0.00	0.15	1.82	0.06	1.89	0.07	0.92
486	☐	96	33.30	0	09:59 hrs	2.06	0.00	0.00	0.73	1.14	0.15	1.29	1.77	0.63
487	☐	97	14.97	0	09:53 hrs	2.06	0.00	0.00	0.80	1.05	0.18	1.24	0.70	0.60
488	☐	98	2.28	0	09:53 hrs	2.06	0.00	0.00	0.16	1.82	0.05	1.87	0.08	0.91
489	☐	99	14.25	0	09:53 hrs	2.06	0.00	0.00	0.71	1.16	0.17	1.32	0.66	0.64

FUTURE CONDITIONS 5-YR 24-HR JUNCTIONS

		ID	Maximum Depth (ft)	Maximum HGL (ft)	Maximum HGL Head Class	Freeboard (ft)	Max.Depth Day-Time (day-time)	Maximum Lateral Inflow (cfs)	Maximum Total Inflow (cfs)	Lateral Inflow Volume (MG)	Total Inflow Volume (MG)	Flow Volume Difference (MG)	Total Surcharge Time (hrs)	Max.Surchar ge Height Above Ground (ft)	Min.Surchar ge Depth Below Rim (ft)	Total Flood Volume (MG)	Total Flood Time (hrs)	Maximum Flood Rate (cfs)	Max.Flood Day-Time (day-time)
1	☐	AC3_OTL	0.72	82.11	Flow Link Cro	1.03	0 - 17:21 hrs	0.00	5.51	0.00	2.44	86.36	0.00	0.00	0.00	0.00	0.00	0.00	0 - 00:00 hrs
2	☐	CP_OV_OTL_1	7.38	42.56	Flow Link Cro	-5.38	0 - 12:18 hrs	0.00	58.24	0.00	19.78	1,042.09	0.00	0.00	0.00	0.00	0.00	0.00	0 - 00:00 hrs
3	☐	ELD_OTL	10.82	108.24	Surcharged	-7.32	0 - 10:48 hrs	0.00	54.42	0.00	2.52	25,191.96	13.76	7.32	0.00	0.00	0.00	0.00	0 - 00:00 hrs
4	☐	ID_1	8.40	43.98	Surcharged	0.00	0 - 09:56 hrs	16.49	37.43	0.78	2.72	700.94	10.53	5.50	0.00	0.00	0.00	0.07	0 - 09:56 hrs
5	☐	ID_10	7.15	35.45	Surcharged	-2.95	0 - 12:14 hrs	0.00	8.79	0.00	4.62	559.38	44.95	5.15	0.00	0.00	0.00	0.00	0 - 00:00 hrs
6	☐	ID_11	11.07	51.00	w Maximum C	0.00	0 - 00:00 hrs	0.00	145.39	0.00	3.36	2,660.76	0.01	6.07	0.00	0.00	0.00	124.92	0 - 00:00 hrs
7	☐	ID_12	12.63	98.50	w Maximum C	0.00	0 - 09:59 hrs	0.00	64.16	0.00	3.48	-16.80	0.33	8.95	0.00	0.00	0.00	10.98	0 - 09:59 hrs
8	☐	ID_13	3.93	36.69	Flow Link Cro	4.31	0 - 00:01 hrs	0.00	213.27	0.00	29.21	4,295.50	0.00	0.00	0.00	0.00	0.00	0.00	0 - 00:00 hrs
9	☐	ID_14	4.32	51.96	Flow Link Cro	5.88	0 - 10:11 hrs	0.00	415.65	0.00	45.77	829.77	0.00	0.00	0.00	0.00	0.00	0.00	0 - 00:00 hrs
10	☐	ID_2	15.01	82.68	Surcharged	0.00	0 - 09:57 hrs	0.00	166.32	0.00	10.65	70.94	2.46	10.51	0.00	0.00	0.00	24.58	0 - 09:57 hrs
11	☐	ID_3	5.37	84.29	Surcharged	0.00	0 - 09:52 hrs	0.00	23.35	0.00	1.84	77.51	1.25	3.12	0.00	0.03	0.30	5.33	0 - 09:52 hrs
12	☐	ID_4	11.92	41.78	Surcharged	-9.28	0 - 12:27 hrs	0.00	9.50	0.00	4.66	177.51	33.16	5.42	0.00	0.00	0.00	0.00	0 - 00:00 hrs
13	☐	ID_5	11.36	41.02	Surcharged	-8.52	0 - 12:41 hrs	0.00	8.81	0.00	4.65	633.09	45.27	9.36	0.00	0.00	0.00	0.00	0 - 00:00 hrs
14	☐	ID_6	10.83	40.26	Surcharged	-7.76	0 - 12:41 hrs	0.00	8.80	0.00	4.65	677.69	45.24	8.83	0.00	0.00	0.00	0.00	0 - 00:00 hrs
15	☐	ID_7	10.24	39.42	Surcharged	-6.92	0 - 12:37 hrs	0.00	8.78	0.00	4.64	1,361.86	45.18	8.24	0.00	0.00	0.00	0.00	0 - 00:00 hrs
16	☐	ID_8	8.69	37.27	Surcharged	-4.77	0 - 16:00 hrs	0.00	8.78	0.00	4.63	785.77	45.00	6.69	0.00	0.00	0.00	0.00	0 - 00:00 hrs
17	☐	ID_9	8.09	36.43	Surcharged	-3.93	0 - 12:18 hrs	0.00	8.79	0.00	4.63	608.83	44.95	6.08	0.00	0.00	0.00	0.00	0 - 00:00 hrs
18	☐	JCT_12	3.72	99.72	Flow Link Cro	0.78	0 - 10:02 hrs	0.00	84.53	0.00	1.22	-23.82	0.00	0.00	0.00	0.00	0.00	0.00	0 - 00:00 hrs
19	☐	JCT_14	14.85	90.71	Surcharged	-6.85	0 - 10:04 hrs	0.00	13.04	0.00	1.61	54,461.60	27.86	6.85	0.00	0.00	0.00	0.00	0 - 00:00 hrs
20	☐	JCT_CL512	2.27	53.81	Flow Link Cro	54.27	0 - 10:04 hrs	40.85	223.00	1.68	15.69	3,233.57	0.00	0.00	0.00	0.00	0.00	0.00	0 - 00:00 hrs
21	☐	MB_OTL	4.78	96.64	Flow Link Cro	-2.78	0 - 10:07 hrs	0.00	35.57	0.00	6.27	-3,185.37	0.00	0.00	0.00	0.00	0.00	0.00	0 - 00:00 hrs
22	☐	MKP_OTL	5.59	97.98	Surcharged	-4.09	0 - 10:12 hrs	0.00	18.08	0.00	0.98	134.63	4.68	2.72	0.00	0.00	0.00	0.00	0 - 00:00 hrs
23	☐	MONTEBELLA_DITCH_OVF	10.30	100.13	w Maximum C	0.00	0 - 10:03 hrs	119.19	119.19	6.15	6.15	0.00	0.36	5.80	0.00	0.00	0.00	10.39	0 - 10:03 hrs
24	☐	MONTEBELLA_DITCH_OVF2	9.20	98.18	w Maximum C	0.00	0 - 10:03 hrs	0.00	3.18	0.00	0.02	0.00	0.71	6.05	0.00	0.00	0.01	2.68	0 - 10:03 hrs
25	☐	MS_200_221	2.97	50.13	Flow Link Cro	7.41	0 - 10:04 hrs	55.16	229.39	2.45	17.62	1,429.34	0.00	0.00	0.00	0.00	0.00	0.00	0 - 00:00 hrs
26	☐	SWCB-D3-010	4.05	86.07	w Maximum C	4.37	0 - 17:45 hrs	0.00	21.29	0.00	0.98	0.00	27.91	1.80	4.37	0.00	0.00	0.00	0 - 00:00 hrs
27	☐	SWCB-E3-003	3.84	86.09	w Maximum C	3.06	0 - 16:52 hrs	4.94	4.94	0.19	0.19	0.00	27.53	1.84	3.06	0.00	0.00	0.00	0 - 00:00 hrs
28	☐	SWCB-E3-005	3.70	86.08	w Maximum C	1.52	0 - 17:36 hrs	0.00	1.86	0.00	0.06	499.76	27.37	1.70	1.52	0.00	0.00	0.00	0 - 00:00 hrs
29	☐	SWCB-E3-007	4.01	86.08	w Maximum C	1.59	0 - 16:52 hrs	0.00	7.24	0.00	0.30	229.51	27.70	2.01	1.59	0.00	0.00	0.00	0 - 00:00 hrs
30	☐	SWCB-E3-008	3.71	86.05	w Maximum C	1.09	0 - 17:36 hrs	7.31	7.31	0.30	0.30	0.00	27.44	1.70	1.09	0.00	0.00	0.00	0 - 00:00 hrs
31	☐	SWCB-E4-009	8.40	102.62	Surcharged	0.00	0 - 09:59 hrs	0.00	35.79	0.00	2.46	-71.87	1.20	5.40	0.00	0.00	0.00	18.93	0 - 09:59 hrs
32	☐	SWCB-E4-010	6.45	99.52	w Maximum C	0.00	0 - 09:59 hrs	0.00	47.51	0.00	3.04	200.73	1.37	3.45	0.00	0.03	0.17	15.27	0 - 10:03 hrs
33	☐	SWCB-E4-025	7.08	98.46	Surcharged	0.00	0 - 09:59 hrs	0.00	54.31	0.00	3.76	83.61	1.54	4.08	0.00	0.00	0.00	1.15	0 - 09:59 hrs
34	☐	SWCB-F4-009	7.00	94.48	Surcharged	0.00	0 - 09:57 hrs	0.00	47.67	0.00	3.71	-98.21	1.81	3.95	0.00	0.09	0.42	15.03	0 - 09:57 hrs
35	☐	SWCB-F4-034	7.05	94.40	Surcharged	0.00	0 - 09:59 hrs	0.00	50.27	0.00	3.62	149.75	1.91	4.05	0.00	0.06	0.31	12.67	0 - 10:10 hrs
36	☐	SWCB-G6-027	8.82	100.88	w Maximum C	0.68	0 - 10:00 hrs	0.00	27.64	0.00	1.71	321.10	1.24	6.31	0.68	0.00	0.00	0.00	0 - 00:00 hrs
37	☐	SWCB-G6-037	1.43	101.68	Flow Link Cro	2.67	0 - 09:59 hrs	17.07	17.07	0.76	0.76	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0 - 00:00 hrs
38	☐	SWCB-G6-056	8.45	95.46	Surcharged	0.00	0 - 09:56 hrs	0.00	30.62	0.00	2.03	168.71	0.90	5.95	0.00	0.00	0.00	0.56	0 - 09:56 hrs
39	☐	SWCB-G6-065	7.53	99.93	w Maximum C	2.27	0 - 10:00 hrs	0.00	27.64	0.00	1.71	0.00	0.86	5.03	2.27	0.00	0.00	0.00	0 - 00:00 hrs
40	☐	SWCB-H4-019	0.64	73.04	Flow Link Cro	3.41	0 - 09:59 hrs	6.52	6.52	0.25	0.25	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0 - 00:00 hrs
41	☐	SWCB-H4-021	1.04	70.68	Flow Link Cro	4.81	0 - 09:59 hrs	0.00	6.48	0.00	0.25	23.77	0.00	0.00	0.00	0.00	0.00	0.00	0 - 00:00 hrs
42	☐	SWCB-H5-002	5.80	87.33	Surcharged	0.00	0 - 09:51 hrs	26.12	26.12	1.27	1.27	0.00	1.51	3.80	0.00	0.13	0.43	19.43	0 - 10:03 hrs
43	☐	SWCB-H5-003	6.10	87.50	Surcharged	0.00	0 - 09:53 hrs	0.00	16.55	0.00	1.14	69.47	1.59	4.10	0.00	0.00	0.00	0.06	0 - 09:55 hrs
44	☐	SWCB-H5-007	5.80	86.54	Surcharged	0.00	0 - 09:55 hrs	0.00	23.17	0.00	1.40	30.70	0.97	3.55	0.00	0.00	0.00	0.16	0 - 09:55 hrs
45	☐	SWCB-H5-009	6.78	88.28	w Maximum C	0.12	0 - 09:55 hrs	0.00	23.18	0.00	1.40	69.98	1.03	4.78	0.12	0.00	0.00	0.00	0 - 00:00 hrs
46	☐	SWCB-H5-010	6.50	88.48	Surcharged	0.00	0 - 09:55 hrs	28.73	28.73	1.41	1.41	0.00	0.94	4.50	0.00	0.02	0.21	5.59	0 - 10:03 hrs
47	☐	SWCB-H6-011	11.58	96.74	w Maximum C	0.12	0 - 09:56 hrs	21.86	48.25	1.01	3.04	281.79	0.81	9.08	0.12	0.00	0.00	0.00	0 - 00:00 hrs
48	☐	SWCB-H6-013	1.37	80.48	Flow Link Cro	12.58	0 - 09:59 hrs	0.00	48.25	0.00	3.04	128.06	0.00	0.00	0.00	0.00	0.00	0.00	0 - 00:00 hrs
49	☐	SWCB-H7-067	2.14	63.47	Flow Link Cro	5.51	0 - 10:03 hrs	0.00	54.75	0.00	2.50	577.94	0.00	0.00	0.00	0.00	0.00	0.00	0 - 00:00 hrs

FUTURE CONDITIONS 5-YR 24-HR JUNCTIONS

		ID	Maximum Depth (ft)	Maximum HGL (ft)	Maximum HGL Head Class	Freeboard (ft)	Max.Depth Day-Time (day-time)	Maximum Lateral Inflow (cfs)	Maximum Total Inflow (cfs)	Lateral Inflow Volume (MG)	Total Inflow Volume (MG)	Flow Volume Difference (MG)	Total Surcharge Time (hrs)	Max.Surchar ge Height Above Crown	Min.Surchar ge Depth Below Rim (ft)	Total Flood Volume (MG)	Total Flood Time (hrs)	Maximum Flood Rate (cfs)	Max.Flood Day-Time (day-time)
50	☐	SWCB-H7-099	2.38	67.17	Flow Link Croy	6.72	0 - 10:04 hrs	0.00	33.33	0.00	1.78	532.14	0.00	0.00	0.00	0.00	0.00	0.00	0 - 00:00 hrs
51	☐	SWCB-H7-115	0.70	58.89	Flow Link Croy	6.40	0 - 09:59 hrs	0.00	12.01	0.00	0.50	22.08	0.00	0.00	0.00	0.00	0.00	0.00	0 - 00:00 hrs
52	☐	SWCB-I8-070	0.93	96.39	Flow Link Croy	9.37	0 - 09:59 hrs	0.00	11.58	0.00	0.48	24.56	0.00	0.00	0.00	0.00	0.00	0.00	0 - 00:00 hrs
53	☐	SWCB-J2-017	4.91	40.25	w Maximum C	0.49	0 - 09:55 hrs	0.00	16.40	0.00	0.84	0.00	39.77	2.90	0.49	0.00	0.00	0.00	0 - 00:00 hrs
54	☐	SWCB-J4-002	6.26	39.21	w Maximum C	2.47	0 - 10:04 hrs	0.00	212.91	0.00	10.88	5,057.22	0.13	0.76	2.47	0.00	0.00	0.00	0 - 00:00 hrs
55	☐	SWCB-J4-003	1.08	52.39	Flow Link Croy	10.24	0 - 10:03 hrs	30.26	30.26	1.43	1.43	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0 - 00:00 hrs
56	☐	SWCB-J8-026	1.35	99.84	Flow Link Croy	5.95	0 - 10:04 hrs	0.00	15.21	0.00	0.68	26.12	0.00	0.00	0.00	0.00	0.00	0.00	0 - 00:00 hrs
57	☐	SWCB-J8-027	1.36	100.59	Flow Link Croy	5.54	0 - 10:04 hrs	0.00	15.26	0.00	0.68	39.91	0.00	0.00	0.00	0.00	0.00	0.00	0 - 00:00 hrs
58	☐	SWCB-J8-043	4.40	102.58	Surcharged	0.00	0 - 09:49 hrs	0.00	28.36	0.00	4.34	170.86	3.17	1.90	0.00	0.00	0.38	0.55	0 - 10:03 hrs
59	☐	SWCB-K6-019	0.76	63.98	Flow Link Croy	7.66	0 - 09:59 hrs	0.00	21.48	0.00	1.06	13.62	0.00	0.00	0.00	0.00	0.00	0.00	0 - 00:00 hrs
60	☐	SWCB-K7-003	5.55	90.92	w Maximum C	0.00	0 - 09:56 hrs	0.00	28.41	0.00	2.99	223.25	0.60	2.80	0.00	0.00	0.00	8.94	0 - 09:56 hrs
61	☐	SWCB-K7-004	5.44	89.96	w Maximum C	0.78	0 - 10:00 hrs	0.00	70.45	0.00	5.89	298.42	0.61	1.94	0.78	0.00	0.00	0.00	0 - 00:00 hrs
62	☐	SWCB-K7-005	5.40	89.18	Surcharged	0.00	0 - 10:00 hrs	0.00	69.67	0.00	5.89	128.87	0.33	1.90	0.00	0.00	0.00	3.28	0 - 10:00 hrs
63	☐	SWCB-K7-031	4.92	88.95	w Maximum C	0.30	0 - 10:00 hrs	0.00	70.42	0.00	5.89	135.15	0.25	1.42	0.30	0.00	0.00	0.00	0 - 00:00 hrs
64	☐	SWCB-K7-032	4.72	86.98	w Maximum C	1.08	0 - 10:00 hrs	0.00	67.09	0.00	5.88	182.89	0.26	0.96	1.08	0.00	0.00	0.00	0 - 00:00 hrs
65	☐	SWCB-K7-033	4.45	86.73	w Maximum C	1.45	0 - 10:02 hrs	0.00	66.66	0.00	5.89	245.69	0.33	0.69	1.45	0.00	0.00	0.00	0 - 00:00 hrs
66	☐	SWCB-K7-036	8.48	70.38	w Maximum C	0.00	0 - 10:00 hrs	0.00	65.88	0.00	5.39	112.56	0.53	5.48	0.00	0.02	0.10	7.91	0 - 10:04 hrs
67	☐	SWCB-K7-037	8.84	67.87	Surcharged	0.00	0 - 10:00 hrs	0.00	63.14	0.00	5.37	242.95	0.62	5.84	0.00	0.00	0.05	0.79	0 - 10:00 hrs
68	☐	SWCB-L2-009	8.20	44.22	w Maximum C	2.65	0 - 09:52 hrs	0.00	28.00	0.00	2.09	4,515.94	1.89	4.70	2.65	0.00	0.00	0.00	0 - 00:00 hrs
69	☐	SWCB-L2-010	8.38	43.63	w Maximum C	2.12	0 - 09:57 hrs	0.00	28.02	0.00	2.13	3,049.19	4.75	4.88	2.12	0.00	0.00	0.00	0 - 00:00 hrs
70	☐	SWCB-L4-089	6.70	48.09	w Maximum C	0.00	0 - 09:49 hrs	13.75	50.78	0.58	4.47	715.95	2.31	3.20	0.00	0.00	0.07	1.03	0 - 09:59 hrs
71	☐	SWCB-L5-015	5.90	47.42	w Maximum C	0.45	0 - 10:00 hrs	0.00	60.90	0.00	4.41	1,474.43	1.27	2.40	0.45	0.00	0.00	0.00	0 - 00:00 hrs
72	☐	SWCB-L5-021	6.75	53.41	Surcharged	0.00	0 - 09:56 hrs	0.00	45.70	0.00	2.77	131.39	0.66	3.75	0.00	0.00	0.00	10.23	0 - 09:56 hrs
73	☐	SWCB-L6-018	4.52	74.70	w Maximum C	0.00	0 - 10:02 hrs	24.01	68.83	1.20	5.01	367.18	0.23	1.52	0.00	0.00	0.00	3.31	0 - 10:02 hrs
74	☐	SWCB-L8-032	8.61	95.89	Surcharged	0.00	0 - 10:03 hrs	0.00	40.86	0.00	1.70	-72.08	0.55	4.61	0.00	0.00	0.00	24.60	0 - 10:03 hrs
75	☐	SWCB-M2-018	6.15	41.63	Surcharged	0.00	0 - 09:55 hrs	0.00	35.69	0.00	4.57	1,157.32	7.09	2.65	0.00	0.00	0.00	14.79	0 - 09:55 hrs
76	☐	SWCB-M2-019	6.30	41.29	Surcharged	0.00	0 - 09:55 hrs	0.00	33.96	0.00	4.57	1,095.62	10.38	2.80	0.00	0.00	0.02	2.09	0 - 09:55 hrs
77	☐	SWCB-M2-023	6.15	41.10	w Maximum C	0.00	0 - 09:55 hrs	0.00	33.96	0.00	4.56	708.53	10.65	2.65	0.00	0.00	0.00	0.54	0 - 09:55 hrs
78	☐	SWCB-M2-025	6.00	40.78	Surcharged	0.00	0 - 09:55 hrs	20.49	54.41	0.99	5.54	1,814.30	12.06	2.50	0.00	0.10	0.41	15.94	0 - 10:03 hrs
79	☐	SWCB-M2-027	6.35	40.23	w Maximum C	0.20	0 - 09:59 hrs	0.00	42.96	0.00	5.43	3,979.02	20.46	2.85	0.20	0.00	0.00	0.00	0 - 00:00 hrs
80	☐	SWCB-M2-046	6.72	42.87	w Maximum C	0.00	0 - 09:56 hrs	0.00	26.44	0.00	2.30	407.86	7.70	3.97	0.00	0.00	0.14	1.60	0 - 09:56 hrs
81	☐	SWCB-M2-050	5.10	44.01	w Maximum C	0.00	0 - 09:49 hrs	12.46	22.82	0.57	2.47	-263.47	4.82	3.10	0.00	0.14	1.23	12.10	0 - 09:59 hrs
82	☐	SWCB-M3-038	6.25	52.12	w Maximum C	0.00	0 - 09:48 hrs	20.49	20.49	0.97	0.97	0.00	3.67	5.00	0.00	0.15	0.93	15.70	0 - 09:59 hrs
83	☐	SWCB-M6-014	4.35	67.70	w Maximum C	0.00	0 - 10:00 hrs	22.62	22.62	1.11	1.11	0.00	0.31	2.35	0.00	0.00	0.02	0.74	0 - 10:00 hrs
84	☐	SWCB-M6-015	4.20	66.53	w Maximum C	0.00	0 - 10:00 hrs	0.00	22.46	0.00	1.11	15.95	0.20	2.20	0.00	0.00	0.00	0.88	0 - 10:00 hrs
85	☐	SWCB-M6-016	5.10	65.09	w Maximum C	1.44	0 - 09:59 hrs	0.00	22.46	0.00	1.11	66.43	0.35	3.10	1.44	0.00	0.00	0.00	0 - 00:00 hrs
86	☐	SWCB-M6-033	4.75	65.40	Surcharged	0.00	0 - 10:00 hrs	0.00	22.46	0.00	1.11	25.94	0.36	2.75	0.00	0.00	0.00	0.33	0 - 10:00 hrs
87	☐	SWCB-N2-003	5.65	39.62	Surcharged	0.00	0 - 09:55 hrs	0.00	42.95	0.00	5.40	0.00	19.35	2.15	0.00	0.00	0.23	2.16	0 - 09:55 hrs
88	☐	SWCB-N3-015	4.95	45.84	Surcharged	0.00	0 - 09:51 hrs	0.00	13.76	0.00	1.91	647.04	3.99	2.95	0.00	0.00	0.43	0.01	0 - 10:59 hrs
89	☐	SWCB-N3-016	4.32	46.33	Surcharged	0.00	0 - 09:49 hrs	0.00	22.21	0.00	2.10	80.78	3.57	2.32	0.00	0.19	1.26	11.85	0 - 10:03 hrs
90	☐	SWCB-N3-089	6.75	42.85	Surcharged	0.00	0 - 09:56 hrs	0.00	67.80	0.00	7.01	1,913.98	5.37	3.25	0.00	0.37	0.52	53.11	0 - 10:03 hrs
91	☐	SWCB-N5-016	6.10	55.26	Surcharged	0.00	0 - 09:53 hrs	0.00	7.08	0.00	0.00	0.00	0.12	3.85	0.00	0.00	0.00	3.86	0 - 09:53 hrs
92	☐	SWCB-N6-002	8.20	53.97	w Maximum C	3.03	0 - 00:03 hrs	0.00	74.06	0.00	6.19	1,542.08	5.17	4.70	3.03	0.00	0.00	0.00	0 - 00:00 hrs
93	☐	SWCB-N6-003	9.26	55.09	w Maximum C	3.91	0 - 00:03 hrs	0.00	68.23	0.00	6.18	1,070.60	3.97	5.76	3.91	0.00	0.00	0.00	0 - 00:00 hrs
94	☐	SWCB-N6-039	8.63	54.28	w Maximum C	1.72	0 - 00:00 hrs	0.00	106.16	0.00	6.19	1,408.89	47.94	5.13	1.72	0.00	0.00	0.00	0 - 00:00 hrs
95	☐	SWCB-N6-040	9.51	55.42	w Maximum C	1.57	0 - 00:03 hrs	0.00	66.58	0.00	6.15	1,545.37	3.67	6.01	1.57	0.00	0.00	0.00	0 - 00:00 hrs
96	☐	SWCB-N7-011	1.45	58.03	Flow Link Croy	5.40	0 - 10:04 hrs	0.00	7.54	0.00	0.30	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0 - 00:00 hrs
97	☐	SWCB-O2-011	6.80	42.51	Surcharged	0.00	0 - 09:56 hrs	12.03	38.54	0.53	2.56	2,783.21	6.96	3.30	0.00	0.00	0.08	6.14	0 - 09:57 hrs
98	☐	SWCB-O2-020	6.20	38.92	w Maximum C	0.00	0 - 09:56 hrs	0.00	19.33	0.00	1.92	525.89	29.26	4.20	0.00	1.25	3.89	19.33	0 - 10:53 hrs

FUTURE CONDITIONS 5-YR 24-HR JUNCTIONS

		ID	Maximum Depth (ft)	Maximum HGL (ft)	Maximum HGL Head Class	Freeboard (ft)	Max.Depth Day-Time (day-time)	Maximum Lateral Inflow (cfs)	Maximum Total Inflow (cfs)	Lateral Inflow Volume (MG)	Total Inflow Volume (MG)	Flow Volume Difference (MG)	Total Surcharge Time (hrs)	Max.Surchar ge Height Above Crown (ft)	Min.Surchar ge Depth Below Rim (ft)	Total Flood Volume (MG)	Total Flood Time (hrs)	Maximum Flood Rate (cfs)	Max.Flood Day-Time (day-time)
99	☐	SWCB-O2-021	6.10	38.96	Surcharged	0.00	0 - 09:56 hrs	0.00	13.62	0.00	1.14	632.71	28.75	3.40	0.00	0.03	1.68	1.40	0 - 10:12 hrs
100	☐	SWCB-O2-031	7.10	42.50	Surcharged	0.00	0 - 09:56 hrs	0.00	29.44	0.00	2.27	780.15	8.72	3.60	0.00	0.00	0.00	0.49	0 - 09:56 hrs
101	☐	SWCB-O3-001	6.80	46.20	Surcharged	0.00	0 - 09:59 hrs	0.00	27.92	0.00	1.58	0.00	2.50	4.05	0.00	0.00	0.00	23.24	0 - 09:59 hrs
102	☐	SWCB-O3-032	7.00	45.12	Surcharged	0.00	0 - 09:57 hrs	0.00	31.85	0.00	1.59	50.00	2.90	4.25	0.00	0.00	0.01	29.46	0 - 09:57 hrs
103	☐	SWCB-O3-035	6.70	45.64	Surcharged	0.00	0 - 09:59 hrs	0.00	33.19	0.00	1.58	-343.35	2.61	3.95	0.00	0.00	0.00	28.82	0 - 09:59 hrs
104	☐	SWCB-O3-040	6.75	46.12	Surcharged	0.00	0 - 09:59 hrs	0.00	34.75	0.00	1.62	102.07	2.54	4.00	0.00	0.03	0.24	32.37	0 - 09:59 hrs
105	☐	SWCB-O4-026	6.10	54.71	Surcharged	0.00	0 - 09:56 hrs	0.00	13.27	0.00	0.81	51.29	2.34	4.10	0.00	0.00	0.05	7.40	0 - 09:56 hrs
106	☐	SWCB-O4-027	5.90	54.76	Surcharged	0.00	0 - 09:56 hrs	11.66	14.50	0.52	0.82	22.34	2.22	3.90	0.00	0.01	0.20	8.39	0 - 09:56 hrs
107	☐	SWCB-O4-029	6.60	55.91	w Maximum	0.00	0 - 09:56 hrs	0.00	9.41	0.00	0.31	-48.98	1.99	4.60	0.00	0.00	0.00	8.53	0 - 09:56 hrs
108	☐	SWCB-O4-032	4.90	55.92	w Maximum	0.00	0 - 09:56 hrs	0.00	6.14	0.00	0.30	0.00	1.72	3.65	0.00	0.00	0.01	0.68	0 - 09:56 hrs
109	☐	SWCB-O4-033	5.40	55.81	w Maximum	0.00	0 - 09:56 hrs	0.00	6.16	0.00	0.30	91.48	2.58	4.15	0.00	0.00	0.18	0.27	0 - 09:56 hrs
110	☐	SWMH-B4-001	2.75	112.13	low Link Cro	5.49	0 - 10:07 hrs	0.00	102.75	0.00	15.19	181.68	0.00	0.00	0.00	0.00	0.00	0.00	0 - 00:00 hrs
111	☐	SWMH-B4-002	3.71	114.30	low Link Cro	2.59	0 - 10:06 hrs	16.64	104.20	1.48	15.21	1,812.76	0.00	0.00	0.00	0.00	0.00	0.00	0 - 00:00 hrs
112	☐	SWMH-C4-001	3.11	115.88	w Maximum	4.19	0 - 10:03 hrs	0.00	24.49	0.00	5.64	89.83	1.88	0.56	4.19	0.00	0.00	0.00	0 - 00:00 hrs
113	☐	SWMH-C4-002	4.19	119.21	w Maximum	2.41	0 - 10:04 hrs	0.00	24.49	0.00	5.65	658.49	3.92	1.84	2.41	0.00	0.00	0.00	0 - 00:00 hrs
114	☐	SWMH-C4-003	4.93	121.71	w Maximum	0.00	0 - 10:03 hrs	0.00	24.85	0.00	5.65	264.84	4.56	2.68	0.00	0.00	0.29	0.57	0 - 10:07 hrs
115	☐	SWMH-C4-004	5.08	122.53	Surcharged	0.00	0 - 09:53 hrs	0.00	24.83	0.00	5.65	-191.78	3.97	2.83	0.00	0.00	0.00	1.17	0 - 09:53 hrs
116	☐	SWMH-C4-005	1.34	101.49	low Link Cro	6.81	0 - 10:04 hrs	0.00	28.04	0.00	1.36	44.85	0.00	0.00	0.00	0.00	0.00	0.00	0 - 00:00 hrs
117	☐	SWMH-C4-006	1.76	105.21	low Link Cro	6.38	0 - 10:04 hrs	0.00	28.32	0.00	1.37	107.24	0.00	0.00	0.00	0.00	0.00	0.00	0 - 00:00 hrs
118	☐	SWMH-C4-007	1.97	107.06	low Link Cro	5.68	0 - 10:03 hrs	28.54	28.54	1.37	1.37	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0 - 00:00 hrs
119	☐	SWMH-C4-017	3.41	110.76	low Link Cro	3.29	0 - 10:06 hrs	0.00	102.75	0.00	15.19	563.09	0.00	0.00	0.00	0.00	0.00	0.00	0 - 00:00 hrs
120	☐	SWMH-D4-001	4.18	78.01	w Maximum	2.42	0 - 09:56 hrs	4.40	56.16	0.16	2.99	327.19	0.80	1.43	2.42	0.00	0.00	0.00	0 - 00:00 hrs
121	☐	SWMH-D4-002	5.26	80.80	w Maximum	0.00	0 - 09:56 hrs	0.00	52.04	0.00	2.82	104.49	0.55	2.38	0.00	0.00	0.00	1.66	0 - 09:56 hrs
122	☐	SWMH-D4-003	5.65	83.93	w Maximum	0.00	0 - 09:56 hrs	0.00	57.59	0.00	2.84	63.72	0.47	3.10	0.00	0.02	0.16	5.71	0 - 10:04 hrs
123	☐	SWMH-D4-004	1.89	89.22	low Link Cro	4.76	0 - 10:04 hrs	31.40	58.06	1.47	2.84	-55.68	0.00	0.00	0.00	0.00	0.00	0.00	0 - 00:00 hrs
124	☐	SWMH-D4-005	1.32	77.24	low Link Cro	3.13	0 - 10:04 hrs	0.00	17.57	0.00	0.77	19.40	0.00	0.00	0.00	0.00	0.00	0.00	0 - 00:00 hrs
125	☐	SWMH-D4-006	1.15	78.81	low Link Cro	3.30	0 - 10:04 hrs	0.00	17.58	0.00	0.78	41.84	0.00	0.00	0.00	0.00	0.00	0.00	0 - 00:00 hrs
126	☐	SWMH-D4-007	1.09	81.40	low Link Cro	4.56	0 - 10:04 hrs	0.00	17.59	0.00	0.78	23.42	0.00	0.00	0.00	0.00	0.00	0.00	0 - 00:00 hrs
127	☐	SWMH-D4-021	0.96	76.10	low Link Cro	4.69	0 - 10:04 hrs	0.00	17.57	0.00	0.77	9.67	0.00	0.00	0.00	0.00	0.00	0.00	0 - 00:00 hrs
128	☐	SWMH-E3-001	4.12	86.09	w Maximum	3.88	0 - 16:54 hrs	0.00	21.29	0.00	0.99	417.64	28.13	1.87	3.88	0.00	0.00	0.00	0 - 00:00 hrs
129	☐	SWMH-E3-002	4.00	86.08	w Maximum	3.70	0 - 18:54 hrs	0.00	21.28	0.00	0.99	436.56	28.12	1.60	3.70	0.00	0.00	0.00	0 - 00:00 hrs
130	☐	SWMH-E3-003	5.13	88.24	w Maximum	2.82	0 - 09:59 hrs	21.28	21.28	1.00	1.00	0.00	27.52	3.13	2.82	0.00	0.00	0.00	0 - 00:00 hrs
131	☐	SWMH-E3-016	8.35	89.47	w Maximum	0.00	0 - 09:48 hrs	37.12	37.12	1.96	1.95	0.00	29.49	6.35	0.00	0.18	0.65	22.50	0 - 10:03 hrs
132	☐	SWMH-E3-017	8.18	88.31	w Maximum	0.00	0 - 09:48 hrs	0.00	14.61	0.00	1.77	616.08	29.87	6.00	0.00	0.01	0.69	0.72	0 - 09:56 hrs
133	☐	SWMH-E3-018	8.40	86.49	Surcharged	0.00	0 - 10:00 hrs	0.00	13.05	0.00	1.71	778.47	32.40	6.40	0.00	0.02	0.73	2.19	0 - 10:36 hrs
134	☐	SWMH-E3-019	8.76	86.54	w Maximum	0.48	0 - 10:04 hrs	0.00	13.07	0.00	1.68	448.09	32.91	6.76	0.48	0.00	0.00	0.00	0 - 00:00 hrs
135	☐	SWMH-E3-020	9.60	86.61	Surcharged	0.00	0 - 10:04 hrs	0.00	13.02	0.00	1.67	4,233.68	33.39	7.10	0.00	0.00	0.00	0.10	0 - 10:04 hrs
136	☐	SWMH-E3-021	4.60	87.73	w Maximum	0.00	0 - 09:56 hrs	24.85	24.85	1.23	1.23	0.00	26.44	2.35	0.00	0.00	0.14	1.88	0 - 10:03 hrs
137	☐	SWMH-E3-023	4.10	87.12	Surcharged	0.00	0 - 09:56 hrs	0.00	23.03	0.00	1.22	378.58	24.99	1.60	0.00	0.00	0.16	1.44	0 - 10:06 hrs
138	☐	SWMH-E3-026	4.64	86.06	w Maximum	1.24	0 - 16:52 hrs	0.00	23.01	0.00	1.20	1,054.92	28.11	2.14	1.24	0.00	0.00	0.00	0 - 00:00 hrs
139	☐	SWMH-E3-027	6.18	88.33	w Maximum	0.12	0 - 09:56 hrs	0.00	22.91	0.00	1.20	1,329.84	28.08	3.68	0.12	0.00	0.00	0.00	0 - 00:00 hrs
140	☐	SWMH-E3-028	4.60	87.38	Surcharged	0.00	0 - 09:56 hrs	0.00	23.18	0.00	1.22	1,481.96	26.67	2.10	0.00	0.00	0.00	1.43	0 - 09:56 hrs
141	☐	SWMH-E3-029	4.51	87.41	w Maximum	0.39	0 - 09:56 hrs	0.00	22.95	0.00	1.22	416.60	25.95	2.01	0.39	0.00	0.00	0.00	0 - 00:00 hrs
142	☐	SWMH-E3-031	3.19	86.11	w Maximum	2.66	0 - 18:54 hrs	0.00	11.89	0.00	0.51	524.36	26.66	1.19	2.66	0.00	0.00	0.00	0 - 00:00 hrs
143	☐	SWMH-E3-032	3.61	86.09	w Maximum	1.24	0 - 16:36 hrs	0.00	11.49	0.00	0.51	611.45	27.41	1.61	1.24	0.00	0.00	0.00	0 - 00:00 hrs
144	☐	SWMH-E3-033	3.98	86.08	w Maximum	2.12	0 - 16:52 hrs	0.00	11.44	0.00	0.50	464.86	27.44	1.72	2.12	0.00	0.00	0.00	0 - 00:00 hrs
145	☐	SWMH-E3-034	3.47	86.12	w Maximum	1.73	0 - 16:54 hrs	1.70	1.70	0.06	0.06	0.00	27.00	1.47	1.73	0.00	0.00	0.00	0 - 00:00 hrs
146	☐	SWMH-E3-037	3.03	86.13	w Maximum	1.57	0 - 16:51 hrs	12.04	12.04	0.51	0.51	0.00	26.25	1.03	1.57	0.00	0.00	0.00	0 - 00:00 hrs
147	☐	SWMH-E3-038	12.03	88.00	w Maximum	0.00	0 - 10:04 hrs	0.00	13.02	0.00	1.64	3,589.89	36.19	9.53	0.00	0.00	0.00	2.01	0 - 10:04 hrs

FUTURE CONDITIONS 5-YR 24-HR JUNCTIONS

		ID	Maximum Depth (ft)	Maximum HGL (ft)	Maximum HGL Head Class	Freeboard (ft)	Max.Depth Day-Time (day-time)	Maximum Lateral Inflow (cfs)	Maximum Total Inflow (cfs)	Lateral Inflow Volume (MG)	Total Inflow Volume (MG)	Flow Volume Difference (#2)	Total Surcharge Time (hrs)	Max.Surchar ge Height Above Crown	Min.Surchar ge Depth Below Rim (ft)	Total Flood Volume (MG)	Total Flood Time (hrs)	Maximum Flood Rate (cfs)	Max.Flood Day-Time (day-time)
148	☐	SWMH-E4-001	1.07	91.43	Flow Link Cro	9.45	0 - 09:59 hrs	11.51	18.02	0.48	0.78	34.53	0.00	0.00	0.00	0.00	0.00	0.00	0 - 00:00 hrs
149	☐	SWMH-E4-002	0.61	93.26	Flow Link Cro	6.94	0 - 10:00 hrs	0.00	7.08	0.00	0.30	6.14	0.00	0.00	0.00	0.00	0.00	0.00	0 - 00:00 hrs
150	☐	SWMH-E4-003	1.11	93.98	Flow Link Cro	7.17	0 - 10:00 hrs	0.00	7.46	0.00	0.30	-129.24	0.00	0.00	0.00	0.00	0.00	0.00	0 - 00:00 hrs
151	☐	SWMH-E4-005	0.97	97.27	Flow Link Cro	6.03	0 - 09:59 hrs	7.86	7.86	0.30	0.30	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0 - 00:00 hrs
152	☐	SWMH-E4-006	7.78	99.25	Surcharged	0.00	0 - 09:59 hrs	17.43	55.55	0.76	3.76	154.83	1.49	4.50	0.00	0.00	0.00	1.20	0 - 09:59 hrs
153	☐	SWMH-E4-007	10.20	102.38	w Maximum C	0.00	0 - 09:59 hrs	0.00	42.02	0.00	3.01	-33.26	1.45	7.08	0.00	0.00	0.00	10.66	0 - 09:59 hrs
154	☐	SWMH-E4-008	7.10	100.25	w Maximum C	0.00	0 - 09:59 hrs	13.93	47.66	0.57	3.04	-24.79	1.24	3.60	0.00	0.00	0.01	10.94	0 - 09:59 hrs
155	☐	SWMH-E4-009	8.29	103.00	w Maximum C	0.00	0 - 10:03 hrs	32.70	44.57	1.84	2.47	355.02	0.47	3.29	0.00	0.00	0.00	26.84	0 - 10:03 hrs
156	☐	SWMH-E4-010	11.10	95.52	w Maximum C	0.00	0 - 10:03 hrs	43.52	45.88	2.30	2.30	0.00	0.32	7.40	0.00	0.00	0.00	27.12	0 - 10:03 hrs
157	☐	SWMH-E5-001	9.50	107.06	w Maximum C	0.00	0 - 10:00 hrs	63.26	171.26	4.67	11.45	1,904.43	0.40	4.50	0.00	0.00	0.01	39.87	0 - 10:00 hrs
158	☐	SWMH-E5-002	5.10	101.42	w Maximum C	0.00	0 - 09:57 hrs	0.00	0.57	0.00	0.00	0.00	0.87	3.55	0.00	0.00	0.00	0.03	0 - 09:57 hrs
159	☐	SWMH-F3-001	10.25	83.20	Surcharged	0.00	0 - 09:59 hrs	20.47	197.83	0.92	10.64	-438.89	1.71	5.62	0.00	0.00	0.01	51.29	0 - 09:59 hrs
160	☐	SWMH-F3-002	3.41	76.75	Flow Link Cro	3.99	0 - 10:10 hrs	0.00	101.03	0.00	6.92	483.63	0.00	0.00	0.00	0.00	0.00	0.00	0 - 00:00 hrs
161	☐	SWMH-F3-003	6.10	82.31	w Maximum C	0.00	0 - 10:03 hrs	0.00	101.02	0.00	6.92	491.69	0.37	2.60	0.00	0.00	0.00	2.14	0 - 10:03 hrs
162	☐	SWMH-F3-005	6.40	86.46	w Maximum C	0.00	0 - 10:00 hrs	15.70	110.57	0.68	6.95	459.81	0.52	2.90	0.00	0.02	0.12	9.65	0 - 10:03 hrs
163	☐	SWMH-F3-006	8.85	89.83	Surcharged	0.00	0 - 10:03 hrs	60.75	95.50	3.43	6.27	307.90	1.04	5.35	0.00	0.00	0.01	0.06	0 - 10:07 hrs
164	☐	SWMH-F3-007	8.20	87.80	w Maximum C	0.00	0 - 09:48 hrs	0.00	13.89	0.00	1.75	354.70	30.29	6.10	0.00	0.03	0.81	1.98	0 - 10:18 hrs
165	☐	SWMH-F3-008	8.54	87.66	w Maximum C	0.26	0 - 10:32 hrs	0.00	13.03	0.00	1.72	755.11	30.89	6.52	0.26	0.00	0.00	0.00	0 - 00:00 hrs
166	☐	SWMH-F3-009	9.10	86.53	w Maximum C	0.30	0 - 10:04 hrs	0.00	13.04	0.00	1.68	1,421.81	32.56	6.60	0.30	0.00	0.00	0.00	0 - 00:00 hrs
167	☐	SWMH-F3-010	10.27	92.65	w Maximum C	0.35	0 - 10:02 hrs	0.00	56.63	0.00	2.88	256.17	0.73	6.77	0.35	0.00	0.00	0.00	0 - 00:00 hrs
168	☐	SWMH-F3-011	10.24	93.16	w Maximum C	1.26	0 - 10:03 hrs	0.00	31.03	0.00	1.65	198.15	0.57	6.74	1.26	0.00	0.00	0.00	0 - 00:00 hrs
169	☐	SWMH-F3-012	11.10	93.96	w Maximum C	0.00	0 - 10:00 hrs	0.00	25.65	0.00	1.24	122.61	0.58	7.60	0.00	0.00	0.00	7.28	0 - 10:00 hrs
170	☐	SWMH-F4-001	9.40	84.43	Surcharged	0.00	0 - 09:59 hrs	0.00	180.66	0.00	9.73	360.54	1.48	4.90	0.00	0.00	0.00	0.46	0 - 10:00 hrs
171	☐	SWMH-F4-002	8.38	85.96	w Maximum C	0.52	0 - 09:59 hrs	0.00	148.02	0.00	8.11	-188.01	1.53	3.78	0.52	0.00	0.00	0.00	0 - 00:00 hrs
172	☐	SWMH-F4-005	10.11	91.92	Surcharged	-0.29	0 - 09:59 hrs	0.00	193.54	0.00	25.06	-619.41	1.77	5.11	0.00	0.00	0.00	0.00	0 - 00:00 hrs
173	☐	SWMH-F4-006	9.85	93.34	w Maximum C	0.00	0 - 09:59 hrs	37.98	193.51	1.87	25.09	1,176.57	2.29	4.85	0.00	0.02	0.15	8.49	0 - 10:03 hrs
174	☐	SWMH-F4-007	9.73	94.36	w Maximum C	0.00	0 - 09:59 hrs	0.00	174.25	0.00	23.28	525.46	2.34	4.73	0.00	0.06	0.20	19.06	0 - 10:03 hrs
175	☐	SWMH-F4-008	9.52	96.30	Surcharged	0.00	0 - 09:59 hrs	0.00	158.88	0.00	19.72	686.25	2.17	4.52	0.00	0.00	0.00	0.66	0 - 10:00 hrs
176	☐	SWMH-F4-009	9.49	97.00	w Maximum C	0.00	0 - 09:59 hrs	15.87	152.78	0.68	18.71	466.86	2.13	4.49	0.00	0.00	0.01	52.08	0 - 09:59 hrs
177	☐	SWMH-F4-010	6.90	95.57	w Maximum C	0.00	0 - 09:57 hrs	0.00	50.91	0.00	3.71	111.12	1.67	3.90	0.00	0.00	0.00	14.74	0 - 09:57 hrs
178	☐	SWMH-F4-011	6.80	96.34	Surcharged	0.00	0 - 09:59 hrs	0.00	51.27	0.00	3.76	162.84	1.66	3.80	0.00	0.05	0.32	8.95	0 - 10:06 hrs
179	☐	SWMH-F4-012	6.30	96.83	Surcharged	0.00	0 - 09:57 hrs	0.00	22.01	0.00	1.04	118.01	1.76	4.30	0.00	0.01	0.17	9.93	0 - 09:57 hrs
180	☐	SWMH-F4-014	10.47	86.89	w Maximum C	0.23	0 - 10:00 hrs	21.67	136.38	0.90	23.61	1,473.23	2.47	5.61	0.23	0.00	0.00	0.00	0 - 00:00 hrs
181	☐	SWMH-F4-017	9.53	89.92	w Maximum C	0.72	0 - 09:59 hrs	0.00	42.29	0.00	3.74	12.47	1.89	6.53	0.72	0.00	0.00	0.00	0 - 00:00 hrs
182	☐	SWMH-F4-018	9.59	90.93	Surcharged	0.00	0 - 09:56 hrs	0.00	48.75	0.00	3.74	728.46	1.69	6.59	0.00	0.00	0.00	16.87	0 - 09:56 hrs
183	☐	SWMH-F4-019	8.15	91.83	Surcharged	0.00	0 - 09:57 hrs	0.00	25.80	0.00	1.91	24.08	2.02	6.00	0.00	0.04	0.51	4.65	0 - 10:03 hrs
184	☐	SWMH-F4-020	8.52	92.45	w Maximum C	0.00	0 - 09:52 hrs	40.27	40.27	2.08	2.08	0.00	2.13	6.52	0.00	0.17	0.61	23.75	0 - 10:03 hrs
185	☐	SWMH-F4-021	8.38	93.31	Surcharged	0.00	0 - 10:00 hrs	11.39	37.74	0.49	2.15	468.22	0.97	4.88	0.00	0.00	0.01	26.28	0 - 10:00 hrs
186	☐	SWMH-F4-027	9.20	85.37	Surcharged	0.00	0 - 09:59 hrs	34.15	180.10	1.61	9.73	563.46	1.54	4.65	0.00	0.00	0.01	1.68	0 - 09:59 hrs
187	☐	SWMH-F4-030	11.30	95.16	Surcharged	0.00	0 - 10:03 hrs	6.79	33.01	0.27	0.92	81.66	0.40	7.70	0.00	0.00	0.01	29.09	0 - 10:03 hrs
188	☐	SWMH-F4-031	10.60	93.99	w Maximum C	0.26	0 - 10:03 hrs	0.00	27.03	0.00	1.23	-496.98	0.47	6.96	0.26	0.00	0.00	0.00	0 - 00:00 hrs
189	☐	SWMH-F4-032	8.93	93.20	w Maximum C	0.00	0 - 10:03 hrs	7.60	7.60	0.32	0.32	0.00	0.84	7.18	0.00	0.00	0.01	5.71	0 - 10:03 hrs
190	☐	SWMH-F4-034	9.60	95.44	Surcharged	0.00	0 - 09:59 hrs	0.00	148.93	0.00	19.72	175.45	2.16	4.60	0.00	0.00	0.00	0.26	0 - 09:59 hrs
191	☐	SWMH-F4-035	10.35	90.08	Surcharged	0.00	0 - 09:59 hrs	11.64	236.75	0.51	27.72	1,464.52	1.51	4.60	0.00	0.00	0.00	45.79	0 - 09:59 hrs
192	☐	SWMH-F4-036	9.22	86.50	w Maximum C	0.73	0 - 10:00 hrs	0.00	95.72	0.00	18.98	436.07	2.27	4.72	0.73	0.00	0.00	0.00	0 - 00:00 hrs
193	☐	SWMH-F5-001	9.27	98.07	w Maximum C	0.00	0 - 09:59 hrs	0.00	155.54	0.00	18.02	-512.04	1.77	4.27	0.00	0.00	0.00	73.11	0 - 09:59 hrs
194	☐	SWMH-F5-002	9.38	99.93	Surcharged	0.00	0 - 09:59 hrs	0.00	155.58	0.00	18.02	1,422.80	1.61	4.38	0.00	0.00	0.00	55.78	0 - 09:59 hrs
195	☐	SWMH-F5-003	8.10	101.41	Surcharged	0.00	0 - 10:00 hrs	20.83	31.63	0.82	4.58	548.34	1.40	5.10	0.00	0.00	0.00	27.21	0 - 10:00 hrs
196	☐	SWMH-F5-004	8.26	103.86	Surcharged	0.00	0 - 10:00 hrs	0.00	20.03	0.00	3.76	160.24	0.61	5.76	0.00	0.00	0.00	17.28	0 - 10:00 hrs

FUTURE CONDITIONS 5-YR 24-HR JUNCTIONS

		ID	Maximum Depth (ft)	Maximum HGL (ft)	Maximum HGL Head Class	Freeboard (ft)	Max.Depth Day-Time (day-time)	Maximum Lateral Inflow (cfs)	Maximum Total Inflow (cfs)	Lateral Inflow Volume (MG)	Total Inflow Volume (MG)	Flow Volume Difference (MG)	Total Surcharge Time (hrs)	Max.Surchar ge Height Above Crown	Min.Surchar ge Depth Below Rim	Total Flood Volume (MG)	Total Flood Time (hrs)	Maximum Flood Rate (cfs)	Max.Flood Day-Time (day-time)
197	☐	SWMH-F5-005	1.66	103.30	Flow Link Crow	5.78	0 - 09:59 hrs	0.00	23.62	0.00	1.97	654.58	0.00	0.00	0.00	0.00	0.00	0.00	0 - 00:00 hrs
198	☐	SWMH-F5-006	5.90	98.55	Surcharged	0.00	0 - 09:56 hrs	0.00	22.02	0.00	1.06	150.63	1.37	3.90	0.00	0.01	0.25	2.50	0 - 10:08 hrs
199	☐	SWMH-F5-007	4.95	101.00	w Maximum	0.00	0 - 09:57 hrs	23.56	23.56	1.08	1.08	79.95	0.80	2.95	0.00	0.03	0.21	7.40	0 - 10:03 hrs
200	☐	SWMH-F5-008	8.60	103.33	w Maximum	0.00	0 - 10:00 hrs	0.00	179.50	0.00	13.04	505.18	1.00	3.60	0.00	0.00	0.04	7.38	0 - 10:02 hrs
201	☐	SWMH-F5-009	9.40	104.94	Surcharged	0.00	0 - 09:59 hrs	0.00	171.27	0.00	11.44	-438.68	0.73	4.00	0.00	0.00	0.01	19.29	0 - 09:59 hrs
202	☐	SWMH-F5-010	7.05	103.27	Surcharged	0.00	0 - 10:00 hrs	0.00	24.57	0.00	1.61	-66.03	1.81	4.95	0.00	0.01	0.07	5.05	0 - 10:03 hrs
203	☐	SWMH-F5-011	6.43	103.56	w Maximum	0.00	0 - 09:59 hrs	0.00	24.53	0.00	1.62	193.76	1.48	4.43	0.00	0.01	0.12	4.03	0 - 10:06 hrs
204	☐	SWMH-F5-012	5.30	104.95	w Maximum	0.00	0 - 09:59 hrs	0.00	24.51	0.00	1.62	-39.10	1.21	3.30	0.00	0.00	0.01	0.01	0 - 09:59 hrs
205	☐	SWMH-F5-013	5.06	105.70	w Maximum	0.00	0 - 09:52 hrs	18.09	36.13	0.79	1.73	277.35	1.11	2.90	0.00	0.11	0.39	21.11	0 - 10:03 hrs
206	☐	SWMH-F5-014	6.95	108.18	Surcharged	0.00	0 - 09:56 hrs	21.26	21.26	0.96	0.96	0.00	1.15	4.95	0.00	0.01	0.17	3.21	0 - 09:59 hrs
207	☐	SWMH-F5-016	2.32	105.56	w Maximum	3.96	0 - 09:57 hrs	0.00	23.61	0.00	1.97	79.93	0.60	0.32	3.96	0.00	0.00	0.00	0 - 00:00 hrs
208	☐	SWMH-F5-023	6.15	112.04	Surcharged	0.00	0 - 09:55 hrs	16.82	16.82	0.73	0.73	0.00	0.61	4.00	0.00	0.00	0.04	3.68	0 - 09:55 hrs
209	☐	SWMH-F5-025	6.15	110.92	Surcharged	0.00	0 - 09:55 hrs	9.79	26.17	0.39	1.11	69.63	0.77	4.15	0.00	0.04	0.23	8.92	0 - 10:03 hrs
210	☐	SWMH-F5-026	5.88	109.85	w Maximum	0.64	0 - 10:02 hrs	0.00	18.21	0.00	1.08	-354.25	0.75	3.87	0.64	0.00	0.00	0.00	0 - 00:00 hrs
211	☐	SWMH-F5-027	5.58	107.29	w Maximum	1.58	0 - 10:02 hrs	16.77	34.07	0.72	1.80	122.08	0.59	3.08	1.58	0.00	0.00	0.00	0 - 00:00 hrs
212	☐	SWMH-F5-028	4.75	105.89	w Maximum	2.40	0 - 10:02 hrs	0.00	34.08	0.00	1.80	77.28	0.49	2.25	2.40	0.00	0.00	0.00	0 - 00:00 hrs
213	☐	SWMH-F5-029	4.23	105.28	w Maximum	1.67	0 - 10:02 hrs	0.00	34.16	0.00	1.80	322.86	0.11	1.63	1.67	0.00	0.00	0.00	0 - 00:00 hrs
214	☐	SWMH-F5-030	8.32	105.36	Surcharged	0.00	0 - 10:42 hrs	0.00	56.46	0.00	4.71	472.76	10.25	4.00	0.00	0.00	0.00	1.06	0 - 10:42 hrs
215	☐	SWMH-F5-031	3.95	103.84	w Maximum	3.15	0 - 10:02 hrs	0.00	33.29	0.00	1.80	-249.20	0.44	1.35	3.15	0.00	0.00	0.00	0 - 00:00 hrs
216	☐	SWMH-F5-032	8.25	102.91	w Maximum	0.00	0 - 10:00 hrs	0.00	23.14	0.00	3.77	11.58	0.97	5.52	0.00	0.00	0.00	20.28	0 - 10:00 hrs
217	☐	SWMH-F5-033	0.63	100.61	Flow Link Crow	4.97	0 - 10:02 hrs	0.00	3.53	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0 - 00:00 hrs
218	☐	SWMH-F5-041	7.90	101.14	Surcharged	0.00	0 - 10:02 hrs	6.57	182.80	0.24	13.54	654.15	0.61	1.90	0.00	0.00	0.00	0.20	0 - 10:02 hrs
219	☐	SWMH-F5-042	7.60	99.28	w Maximum	0.00	0 - 10:00 hrs	0.00	139.09	0.00	13.52	408.10	1.70	3.50	0.00	0.00	0.00	55.12	0 - 10:00 hrs
220	☐	SWMH-F6-001	10.71	119.52	w Maximum	1.39	0 - 09:57 hrs	3.42	109.93	0.12	9.50	515.14	0.56	6.71	1.39	0.00	0.00	0.00	0 - 00:00 hrs
221	☐	SWMH-F6-002	11.26	120.86	w Maximum	1.56	0 - 09:56 hrs	0.00	106.80	0.00	9.38	486.17	0.78	7.26	1.56	0.00	0.00	0.00	0 - 00:00 hrs
222	☐	SWMH-F6-003	10.95	121.32	w Maximum	0.00	0 - 09:56 hrs	0.00	106.77	0.00	9.39	538.27	0.89	6.95	0.00	0.00	0.00	15.52	0 - 09:56 hrs
223	☐	SWMH-F6-004	10.35	122.10	w Maximum	0.63	0 - 09:56 hrs	0.00	106.77	0.00	9.39	588.95	0.91	6.35	0.63	0.00	0.00	0.00	0 - 00:00 hrs
224	☐	SWMH-F6-005	9.91	122.73	Surcharged	0.00	0 - 09:56 hrs	131.14	131.14	9.49	9.49	0.00	0.98	5.91	0.00	0.09	0.24	28.54	0 - 10:03 hrs
225	☐	SWMH-F6-006	3.08	99.76	Flow Link Crow	12.02	0 - 10:04 hrs	0.98	48.72	0.03	2.07	187.91	0.00	0.00	0.00	0.00	0.00	0.00	0 - 00:00 hrs
226	☐	SWMH-F6-007	9.46	116.07	w Maximum	1.69	0 - 10:04 hrs	15.01	22.89	0.66	1.00	34.33	0.31	7.11	1.69	0.00	0.00	0.00	0 - 00:00 hrs
227	☐	SWMH-F6-008	9.01	116.77	w Maximum	0.09	0 - 10:04 hrs	0.00	8.91	0.00	0.34	-26.24	0.20	6.91	0.09	0.00	0.00	0.00	0 - 00:00 hrs
228	☐	SWMH-F6-009	8.88	114.18	w Maximum	2.62	0 - 10:04 hrs	7.93	29.92	0.31	1.31	491.36	0.39	6.88	2.62	0.00	0.00	0.00	0 - 00:00 hrs
229	☐	SWMH-F6-010	9.23	112.41	w Maximum	2.74	0 - 10:04 hrs	0.00	29.92	0.00	1.30	-293.70	0.31	7.23	2.74	0.00	0.00	0.00	0 - 00:00 hrs
230	☐	SWMH-F6-011	10.49	110.21	w Maximum	2.71	0 - 10:04 hrs	0.00	29.93	0.00	1.31	43.24	0.19	8.39	2.71	0.00	0.00	0.00	0 - 00:00 hrs
231	☐	SWMH-F6-012	12.34	109.03	w Maximum	2.81	0 - 10:04 hrs	17.98	47.01	0.74	2.04	18.14	0.00	9.09	2.81	0.00	0.00	0.00	0 - 00:00 hrs
232	☐	SWMH-F6-020	6.10	114.04	Surcharged	0.00	0 - 09:52 hrs	8.97	26.37	0.35	1.33	-54.48	1.51	4.00	0.00	0.16	0.51	22.82	0 - 09:59 hrs
233	☐	SWMH-F6-022	8.65	116.76	Surcharged	0.00	0 - 10:04 hrs	8.82	8.82	0.34	0.34	0.00	0.19	6.65	0.00	0.00	0.00	0.17	0 - 10:04 hrs
234	☐	SWMH-F6-025	7.84	114.66	w Maximum	2.36	0 - 09:52 hrs	9.83	16.08	0.39	1.56	161.93	1.65	5.64	2.36	0.00	0.00	0.00	0 - 00:00 hrs
235	☐	SWMH-F6-026	6.40	115.51	Surcharged	0.00	0 - 09:52 hrs	21.55	21.55	0.99	0.99	0.00	1.24	4.40	0.00	0.01	0.19	7.52	0 - 09:52 hrs
236	☐	SWMH-F6-029	7.22	112.77	w Maximum	2.23	0 - 09:59 hrs	0.00	15.89	0.00	1.55	156.81	1.81	5.12	2.23	0.00	0.00	0.00	0 - 00:00 hrs
237	☐	SWMH-F6-030	7.57	113.72	w Maximum	2.61	0 - 09:59 hrs	0.00	15.90	0.00	1.56	140.67	1.83	5.35	2.61	0.00	0.00	0.00	0 - 00:00 hrs
238	☐	SWMH-F6-031	6.78	111.69	w Maximum	1.32	0 - 09:59 hrs	10.24	23.61	0.41	1.97	186.16	1.73	4.68	1.32	0.00	0.00	0.00	0 - 00:00 hrs
239	☐	SWMH-F6-032	4.57	108.37	w Maximum	2.73	0 - 09:59 hrs	0.00	23.61	0.00	1.97	-5.38	1.51	2.45	2.73	0.00	0.00	0.00	0 - 00:00 hrs
240	☐	SWMH-F6-037	6.40	107.78	w Maximum	0.00	0 - 09:59 hrs	0.00	11.76	0.00	0.46	-22.57	0.37	4.10	0.00	0.00	0.00	10.80	0 - 09:59 hrs
241	☐	SWMH-F6-038	4.78	107.81	w Maximum	0.00	0 - 09:59 hrs	11.27	11.27	0.46	0.46	0.00	0.33	3.28	0.00	0.00	0.11	7.56	0 - 09:59 hrs
242	☐	SWMH-F7-001	3.83	110.12	Flow Link Crow	13.42	0 - 10:03 hrs	0.00	109.67	0.00	9.69	244.65	0.00	0.00	0.00	0.00	0.00	0.00	0 - 00:00 hrs
243	☐	SWMH-F7-002	3.66	110.90	Flow Link Crow	13.14	0 - 10:03 hrs	5.02	111.68	0.19	9.69	334.40	0.00	0.00	0.00	0.00	0.00	0.00	0 - 00:00 hrs
244	☐	SWMH-F7-003	2.59	94.91	Flow Link Crow	19.56	0 - 10:04 hrs	24.53	79.56	1.18	3.68	68.90	0.00	0.00	0.00	0.00	0.00	0.00	0 - 00:00 hrs
245	☐	SWMH-F7-004	3.11	97.45	Flow Link Crow	14.04	0 - 10:06 hrs	0.00	56.82	0.00	2.50	-69.24	0.00	0.00	0.00	0.00	0.00	0.00	0 - 00:00 hrs

FUTURE CONDITIONS 5-YR 24-HR JUNCTIONS

		ID	Maximum Depth (ft)	Maximum HGL (ft)	Maximum HGL Head Class	Freeboard (ft)	Max.Depth Day-Time (day-time)	Maximum Lateral Inflow (cfs)	Maximum Total Inflow (cfs)	Lateral Inflow Volume (MG)	Total Inflow Volume (MG)	Flow Volume Difference (MG)	Total Surcharge Time (hrs)	Max.Surchar ge Height Above Crown	Min.Surchar ge Depth Below Rim	Total Flood Volume (MG)	Total Flood Time (hrs)	Maximum Flood Rate (cfs)	Max.Flood Day-Time (day-time)
246	☐	SWMH-F7-005	2.80	98.19	elow Link Cro	14.25	0 - 10:04 hrs	0.00	57.01	0.00	2.50	259.33	0.00	0.00	0.00	0.00	0.00	0.00	0 - 00:00 hrs
247	☐	SWMH-F7-006	2.61	98.47	elow Link Cro	16.29	0 - 10:04 hrs	10.64	57.37	0.43	2.50	134.49	0.00	0.00	0.00	0.00	0.00	0.00	0 - 00:00 hrs
248	☐	SWMH-F7-019	4.00	92.32	w Maximum D	8.70	0 - 10:03 hrs	0.00	81.83	0.00	3.82	410.88	0.31	0.45	8.70	0.00	0.00	0.00	0 - 00:00 hrs
249	☐	SWMH-F7-020	3.50	91.74	elow Link Cro	5.65	0 - 10:04 hrs	0.00	81.92	0.00	3.84	454.44	0.00	0.00	0.00	0.00	0.00	0.00	0 - 00:00 hrs
250	☐	SWMH-F7-021	2.21	92.39	elow Link Cro	17.19	0 - 10:04 hrs	3.72	81.83	0.13	3.81	147.94	0.00	0.00	0.00	0.00	0.00	0.00	0 - 00:00 hrs
251	☐	SWMH-F7-023	3.05	108.14	elow Link Cro	14.43	0 - 10:03 hrs	0.00	109.66	0.00	9.69	345.70	0.00	0.00	0.00	0.00	0.00	0.00	0 - 00:00 hrs
252	☐	SWMH-F7-024	3.58	105.30	elow Link Cro	14.67	0 - 10:04 hrs	0.00	109.66	0.00	9.69	473.22	0.00	0.00	0.00	0.00	0.00	0.00	0 - 00:00 hrs
253	☐	SWMH-F7-025	2.54	101.32	elow Link Cro	7.08	0 - 10:06 hrs	0.00	109.64	0.00	9.68	493.23	0.00	0.00	0.00	0.00	0.00	0.00	0 - 00:00 hrs
254	☐	SWMH-F7-026	8.19	101.80	w Maximum D	2.61	0 - 00:01 hrs	0.00	109.62	0.00	9.75	1,805.43	0.01	4.19	2.61	0.00	0.00	0.00	0 - 00:00 hrs
255	☐	SWMH-F7-027	10.76	103.93	Surcharged	0.00	0 - 00:00 hrs	0.00	29.41	0.00	0.25	614.80	47.98	8.76	0.00	0.00	0.00	18.86	0 - 00:00 hrs
256	☐	SWMH-F7-028	9.03	102.96	w Maximum D	0.00	0 - 00:02 hrs	0.00	11.28	0.00	0.25	1,129.11	47.89	7.03	0.00	0.00	0.00	4.86	0 - 00:02 hrs
257	☐	SWMH-F7-029	1.07	96.44	elow Link Cro	5.15	0 - 10:00 hrs	0.00	5.79	0.00	0.24	408.76	0.00	0.00	0.00	0.00	0.00	0.00	0 - 00:00 hrs
258	☐	SWMH-F8-011	0.97	97.65	elow Link Cro	12.39	0 - 09:59 hrs	6.03	6.03	0.23	0.23	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0 - 00:00 hrs
259	☐	SWMH-G3-001	6.12	65.50	elow Link Cro	8.76	0 - 10:07 hrs	0.00	425.88	0.00	45.83	15,739.77	0.00	0.00	0.00	0.00	0.00	0.00	0 - 00:00 hrs
260	☐	SWMH-G3-002	5.46	67.66	elow Link Cro	11.32	0 - 10:04 hrs	0.00	426.52	0.00	45.86	3,789.92	0.00	0.00	0.00	0.00	0.00	0.00	0 - 00:00 hrs
261	☐	SWMH-G3-003	10.47	73.40	w Maximum D	7.43	0 - 10:00 hrs	0.00	426.31	0.00	45.89	3,552.34	0.88	3.97	7.43	0.00	0.00	0.00	0 - 00:00 hrs
262	☐	SWMH-G3-004	11.17	77.08	Surcharged	0.00	0 - 10:00 hrs	0.00	166.37	0.00	10.64	0.00	2.77	6.67	0.00	0.00	0.00	5.17	0 - 10:00 hrs
263	☐	SWMH-G3-005	12.66	78.53	w Maximum D	0.96	0 - 10:00 hrs	0.00	166.33	0.00	10.65	285.36	2.89	8.16	0.96	0.00	0.00	0.00	0 - 00:00 hrs
264	☐	SWMH-G3-007	11.20	65.01	Surcharged	0.00	0 - 10:03 hrs	0.00	44.16	0.00	1.68	-526.72	0.42	6.00	0.00	0.00	0.00	22.33	0 - 10:03 hrs
265	☐	SWMH-G3-008	3.11	60.20	elow Link Cro	7.99	0 - 10:07 hrs	34.08	34.08	1.68	1.68	1,156.59	0.00	0.00	0.00	0.00	0.00	0.00	0 - 00:00 hrs
266	☐	SWMH-G3-009	0.00	65.13	elow Link Inve	10.75	0 - 00:00 hrs	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0 - 00:00 hrs
267	☐	SWMH-G3-010	0.00	65.40	elow Link Inve	10.54	0 - 00:00 hrs	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0 - 00:00 hrs
268	☐	SWMH-G3-011	10.04	77.60	w Maximum D	0.00	0 - 10:00 hrs	0.00	165.77	0.00	27.44	141.84	1.29	5.54	0.00	0.00	0.00	43.75	0 - 10:00 hrs
269	☐	SWMH-G3-012	13.16	81.59	w Maximum D	1.09	0 - 10:00 hrs	0.00	165.74	0.00	27.45	1,241.48	4.08	8.31	1.09	0.00	0.00	0.00	0 - 00:00 hrs
270	☐	SWMH-G3-013	12.40	81.53	Surcharged	0.00	0 - 10:00 hrs	0.00	165.73	0.00	27.46	1,253.65	4.04	7.90	0.00	0.00	0.00	0.59	0 - 10:00 hrs
271	☐	SWMH-G3-014	12.50	76.18	Surcharged	0.00	0 - 10:00 hrs	4.79	72.12	0.17	5.78	156.29	1.77	9.50	0.00	0.00	0.00	0.70	0 - 10:00 hrs
272	☐	SWMH-G3-015	11.95	76.94	Surcharged	0.00	0 - 10:00 hrs	13.53	67.51	0.60	5.62	557.71	1.78	8.95	0.00	0.01	0.12	7.03	0 - 10:03 hrs
273	☐	SWMH-G3-016	10.71	66.37	w Maximum D	2.49	0 - 10:00 hrs	15.30	41.78	0.72	2.21	7.72	0.30	6.35	2.49	0.00	0.00	0.00	0 - 00:00 hrs
274	☐	SWMH-G3-017	8.12	67.21	w Maximum D	3.18	0 - 10:00 hrs	0.00	26.81	0.00	1.50	182.92	0.22	5.62	3.18	0.00	0.00	0.00	0 - 00:00 hrs
275	☐	SWMH-G3-018	11.30	72.93	w Maximum D	0.00	0 - 09:56 hrs	0.00	26.81	0.00	1.50	72.19	0.66	9.26	0.00	0.00	0.00	3.05	0 - 09:56 hrs
276	☐	SWMH-G3-019	11.26	73.70	w Maximum D	0.00	0 - 09:56 hrs	0.00	26.82	0.00	1.50	-60.64	0.73	9.26	0.00	0.00	0.00	0.03	0 - 09:56 hrs
277	☐	SWMH-G3-020	11.38	75.83	Surcharged	0.00	0 - 09:56 hrs	0.00	26.83	0.00	1.50	139.49	0.69	9.18	0.00	0.00	0.00	0.37	0 - 09:56 hrs
278	☐	SWMH-G3-021	11.10	77.05	Surcharged	0.00	0 - 09:56 hrs	31.30	31.30	1.52	1.52	0.00	0.74	9.10	0.00	0.02	0.18	7.28	0 - 10:03 hrs
279	☐	SWMH-G3-023	7.20	76.71	w Maximum D	0.00	0 - 09:57 hrs	16.08	16.08	0.71	0.71	0.00	0.55	5.20	0.00	0.00	0.00	2.03	0 - 10:00 hrs
280	☐	SWMH-G3-027	1.62	72.39	elow Link Cro	8.43	0 - 10:06 hrs	10.97	109.36	0.44	7.35	105.06	0.00	0.00	0.00	0.00	0.00	0.00	0 - 00:00 hrs
281	☐	SWMH-G3-028	10.80	75.81	w Maximum D	0.00	0 - 10:00 hrs	11.77	333.85	0.48	38.57	2,941.00	1.24	4.00	0.00	0.00	0.00	39.78	0 - 10:00 hrs
282	☐	SWMH-G4-002	12.00	83.70	w Maximum D	0.00	0 - 10:00 hrs	30.24	165.72	1.44	27.48	1,335.85	3.69	7.50	0.00	0.00	0.00	5.61	0 - 10:00 hrs
283	☐	SWMH-G4-004	11.31	85.74	w Maximum D	1.49	0 - 10:00 hrs	0.00	137.90	0.00	26.05	215.69	2.96	6.60	1.49	0.00	0.00	0.00	0 - 00:00 hrs
284	☐	SWMH-G4-005	7.78	86.10	w Maximum D	0.00	0 - 10:00 hrs	0.00	45.67	0.00	2.43	-1,081.66	1.15	2.67	0.00	0.01	0.10	31.43	0 - 10:00 hrs
285	☐	SWMH-G4-009	12.85	81.77	Surcharged	0.00	0 - 09:57 hrs	28.91	70.15	1.37	5.04	557.31	1.12	7.95	0.00	0.00	0.09	26.13	0 - 09:57 hrs
286	☐	SWMH-G4-010	12.47	84.49	w Maximum D	0.39	0 - 09:57 hrs	0.00	48.57	0.00	3.65	232.84	1.26	9.21	0.39	0.00	0.00	0.00	0 - 00:00 hrs
287	☐	SWMH-G4-011	11.30	84.14	Surcharged	0.00	0 - 09:56 hrs	0.00	36.69	0.00	3.09	-63.71	1.15	8.20	0.00	0.00	0.00	10.22	0 - 09:56 hrs
288	☐	SWMH-G4-012	9.28	84.15	w Maximum D	0.56	0 - 09:57 hrs	0.00	36.71	0.00	3.09	-403.22	1.22	6.77	0.56	0.00	0.00	0.00	0 - 00:00 hrs
289	☐	SWMH-G4-013	10.10	86.08	Surcharged	0.00	0 - 09:56 hrs	15.19	15.19	0.58	0.58	0.00	1.11	8.60	0.00	0.02	0.17	4.98	0 - 09:59 hrs
290	☐	SWMH-G4-014	5.90	88.76	Surcharged	0.00	0 - 10:02 hrs	20.10	49.21	0.90	2.45	98.75	0.54	2.40	0.00	0.01	0.04	24.52	0 - 10:02 hrs
291	☐	SWMH-G4-015	6.15	83.29	Surcharged	0.00	0 - 09:56 hrs	29.60	36.71	1.44	3.17	194.04	1.15	3.65	0.00	0.00	0.02	1.99	0 - 09:56 hrs
292	☐	SWMH-G4-016	9.00	82.99	w Maximum D	0.00	0 - 09:57 hrs	0.00	7.44	0.00	0.00	0.00	0.82	6.75	0.00	0.00	0.01	7.06	0 - 09:57 hrs
293	☐	SWMH-G4-018	13.25	84.71	w Maximum D	0.35	0 - 09:57 hrs	0.00	46.29	0.00	3.65	489.11	1.38	10.03	0.35	0.00	0.00	0.00	0 - 00:00 hrs
294	☐	SWMH-G4-019	7.10	93.00	w Maximum D	0.00	0 - 10:00 hrs	0.00	35.40	0.00	1.87	-257.30	1.02	4.00	0.00	0.00	0.00	17.68	0 - 10:00 hrs

FUTURE CONDITIONS 5-YR 24-HR JUNCTIONS

		ID	Maximum Depth (ft)	Maximum HGL (ft)	Maximum HGL Head Class	Freeboard (ft)	Max.Depth Day-Time (day-time)	Maximum Lateral Inflow (cfs)	Maximum Total Inflow (cfs)	Lateral Inflow Volume (MG)	Total Inflow Volume (MG)	Flow Volume Difference (MG)	Total Surcharge Time (hrs)	Max.Surchar ge Height Above Crown	Min.Surchar ge Depth Below Rim (ft)	Total Flood Volume (MG)	Total Flood Time (hrs)	Maximum Flood Rate (cfs)	Max.Flood Day-Time (day-time)
295	☐	SWMH-G4-020	9.34	93.01	w Maximum	0.00	0 - 09:59 hrs	0.00	34.49	0.00	1.87	-439.08	1.33	6.34	0.00	0.00	0.00	22.26	0 - 09:59 hrs
296	☐	SWMH-G5-001	6.95	94.84	Surcharged	0.00	0 - 09:55 hrs	23.46	23.46	1.13	1.13	0.00	0.71	4.25	0.00	0.08	0.25	17.89	0 - 10:03 hrs
297	☐	SWMH-G5-002	5.65	91.57	Surcharged	0.00	0 - 10:03 hrs	0.00	30.89	0.00	1.55	285.32	0.20	2.65	0.00	0.00	0.01	10.42	0 - 10:03 hrs
298	☐	SWMH-G5-003	6.20	93.11	w Maximum	0.00	0 - 10:04 hrs	31.32	31.32	1.56	1.56	0.00	0.12	3.10	0.00	0.00	0.01	9.55	0 - 10:04 hrs
299	☐	SWMH-G5-005	5.10	93.34	Surcharged	0.00	0 - 10:00 hrs	0.00	35.48	0.00	1.88	44.51	0.44	2.00	0.00	0.00	0.00	10.44	0 - 10:00 hrs
300	☐	SWMH-G5-006	5.95	95.83	Surcharged	0.00	0 - 09:56 hrs	41.89	41.89	1.92	1.92	0.00	0.85	3.45	0.00	0.04	0.23	14.09	0 - 10:03 hrs
301	☐	SWMH-G5-009	4.76	92.63	Surcharged	0.00	0 - 10:00 hrs	0.00	36.91	0.00	1.88	628.74	0.53	1.76	0.00	0.00	0.02	11.09	0 - 10:00 hrs
302	☐	SWMH-G6-001	6.01	96.25	w Maximum	7.64	0 - 09:56 hrs	11.58	56.68	0.49	3.25	663.70	0.78	2.86	7.64	0.00	0.00	0.00	0 - 00:00 hrs
303	☐	SWMH-G6-002	7.06	97.78	low Link Cro	6.04	0 - 10:04 hrs	0.00	47.29	0.00	2.75	208.70	0.00	0.00	0.00	0.00	0.00	0.00	0 - 00:00 hrs
304	☐	SWMH-G6-003	8.17	99.47	low Link Cro	5.33	0 - 10:00 hrs	7.88	34.62	0.29	2.00	211.97	0.00	0.00	0.00	0.00	0.00	0.00	0 - 00:00 hrs
305	☐	SWMH-G6-004	8.10	101.49	Surcharged	0.00	0 - 09:55 hrs	12.84	28.55	0.55	1.73	-40.76	0.86	5.50	0.00	0.02	0.18	5.54	0 - 10:03 hrs
306	☐	SWMH-G6-005	6.10	104.45	w Maximum	0.00	0 - 09:56 hrs	0.00	19.85	0.00	1.18	214.46	0.66	4.10	0.00	0.00	0.00	4.79	0 - 09:56 hrs
307	☐	SWMH-G6-006	5.02	104.32	w Maximum	0.00	0 - 09:56 hrs	25.58	25.58	1.22	1.22	0.00	0.57	3.02	0.00	0.04	0.24	9.88	0 - 10:03 hrs
308	☐	SWMH-G6-007	1.23	99.56	low Link Cro	4.07	0 - 09:59 hrs	0.00	16.88	0.00	0.76	38.60	0.00	0.00	0.00	0.00	0.00	0.00	0 - 00:00 hrs
309	☐	SWMH-G6-009	13.56	97.04	w Maximum	0.19	0 - 10:00 hrs	34.60	91.52	1.55	5.04	129.63	0.60	9.81	0.19	0.00	0.00	0.00	0 - 00:00 hrs
310	☐	SWMH-G6-010	12.66	97.09	w Maximum	1.54	0 - 10:00 hrs	0.00	59.79	0.00	3.48	93.47	0.56	9.16	1.54	0.00	0.00	0.00	0 - 00:00 hrs
311	☐	SWMH-G6-011	9.42	97.52	w Maximum	6.05	0 - 09:59 hrs	0.00	65.90	0.00	3.49	248.90	0.40	6.42	6.05	0.00	0.00	0.00	0 - 00:00 hrs
312	☐	SWMH-G6-012	8.40	96.94	Surcharged	0.00	0 - 09:59 hrs	0.00	65.74	0.00	3.49	28.67	0.49	5.20	0.00	0.00	0.00	3.75	0 - 09:59 hrs
313	☐	SWMH-G6-013	7.62	97.34	Surcharged	0.00	0 - 09:59 hrs	0.00	65.72	0.00	3.49	192.79	0.45	4.60	0.00	0.00	0.01	3.32	0 - 10:00 hrs
314	☐	SWMH-G6-014	10.05	101.35	w Maximum	0.00	0 - 09:55 hrs	21.98	65.73	1.03	3.49	422.80	0.83	6.95	0.00	0.00	0.00	5.76	0 - 09:55 hrs
315	☐	SWMH-G6-015	8.42	102.18	w Maximum	0.00	0 - 09:56 hrs	28.23	50.27	1.35	2.51	-1.64	0.63	5.35	0.00	0.06	0.17	18.63	0 - 10:03 hrs
316	☐	SWMH-G6-016	7.52	104.84	w Maximum	0.00	0 - 09:56 hrs	5.71	26.51	0.21	1.18	182.30	0.56	5.23	0.00	0.01	0.15	7.93	0 - 09:56 hrs
317	☐	SWMH-G6-017	8.25	108.12	Surcharged	0.00	0 - 09:57 hrs	12.44	21.87	0.52	0.97	159.06	0.44	5.95	0.00	0.00	0.00	7.12	0 - 09:57 hrs
318	☐	SWMH-G6-022	7.78	95.29	Surcharged	0.00	0 - 09:56 hrs	20.73	30.62	0.97	2.02	-43.13	0.80	5.28	0.00	0.00	0.00	0.09	0 - 09:56 hrs
319	☐	SWMH-G6-023	7.44	99.12	w Maximum	5.81	0 - 10:04 hrs	0.00	32.69	0.00	2.00	0.00	0.98	4.94	5.81	0.00	0.00	0.00	0 - 00:00 hrs
320	☐	SWMH-G6-024	0.94	99.55	low Link Cro	5.21	0 - 10:00 hrs	0.00	1.53	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0 - 00:00 hrs
321	☐	SWMH-G7-001	2.80	95.89	low Link Cro	17.40	0 - 10:06 hrs	0.00	56.47	0.00	2.50	189.08	0.00	0.00	0.00	0.00	0.00	0.00	0 - 00:00 hrs
322	☐	SWMH-G7-004	4.08	93.52	w Maximum	12.40	0 - 09:57 hrs	0.00	56.68	0.00	3.24	2.68	0.40	0.80	12.40	0.00	0.00	0.00	0 - 00:00 hrs
323	☐	SWMH-G7-005	2.56	68.66	low Link Cro	5.29	0 - 10:00 hrs	21.51	49.22	0.87	2.20	168.45	0.00	0.00	0.00	0.00	0.00	0.00	0 - 00:00 hrs
324	☐	SWMH-G7-006	1.98	69.06	low Link Cro	5.00	0 - 10:00 hrs	0.00	30.60	0.00	1.33	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0 - 00:00 hrs
325	☐	SWMH-G7-007	2.35	69.31	low Link Cro	4.95	0 - 10:00 hrs	0.00	30.90	0.00	1.33	119.84	0.00	0.00	0.00	0.00	0.00	0.00	0 - 00:00 hrs
326	☐	SWMH-G7-008	2.01	69.50	low Link Cro	5.29	0 - 09:59 hrs	0.00	31.37	0.00	1.33	78.14	0.00	0.00	0.00	0.00	0.00	0.00	0 - 00:00 hrs
327	☐	SWMH-G7-009	1.91	71.77	low Link Cro	5.79	0 - 09:59 hrs	32.08	32.08	1.33	1.33	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0 - 00:00 hrs
328	☐	SWMH-G7-034	5.08	72.61	w Maximum	3.61	0 - 09:59 hrs	0.00	33.34	0.00	1.72	-211.06	0.46	2.57	3.61	0.00	0.00	0.00	0 - 00:00 hrs
329	☐	SWMH-G7-035	2.21	76.73	low Link Cro	9.27	0 - 10:03 hrs	3.20	58.98	0.11	3.35	79.91	0.00	0.00	0.00	0.00	0.00	0.00	0 - 00:00 hrs
330	☐	SWMH-G7-036	3.27	75.74	w Maximum	6.73	0 - 10:03 hrs	0.00	58.97	0.00	3.35	121.30	0.05	0.03	6.73	0.00	0.00	0.00	0 - 00:00 hrs
331	☐	SWMH-G7-037	3.22	75.35	w Maximum	6.98	0 - 10:03 hrs	0.00	59.02	0.00	3.35	60.51	0.01	0.02	6.98	0.00	0.00	0.00	0 - 00:00 hrs
332	☐	SWMH-G7-038	1.67	82.72	low Link Cro	8.07	0 - 10:04 hrs	0.00	56.64	0.00	3.24	65.61	0.00	0.00	0.00	0.00	0.00	0.00	0 - 00:00 hrs
333	☐	SWMH-G7-039	2.26	89.64	low Link Cro	10.29	0 - 10:04 hrs	0.00	56.69	0.00	3.24	65.20	0.00	0.00	0.00	0.00	0.00	0.00	0 - 00:00 hrs
334	☐	SWMH-G7-040	2.17	73.22	low Link Cro	7.08	0 - 10:04 hrs	0.00	59.00	0.00	3.35	38.25	0.00	0.00	0.00	0.00	0.00	0.00	0 - 00:00 hrs
335	☐	SWMH-G7-046	1.68	83.97	low Link Cro	8.07	0 - 10:04 hrs	0.00	20.21	0.00	1.09	338.72	0.00	0.00	0.00	0.00	0.00	0.00	0 - 00:00 hrs
336	☐	SWMH-G7-047	8.43	84.88	w Maximum	0.00	0 - 10:00 hrs	0.00	21.08	0.00	1.08	-173.76	0.21	5.87	0.00	0.00	0.00	2.74	0 - 10:00 hrs
337	☐	SWMH-G7-048	9.45	81.42	Surcharged	0.00	0 - 09:57 hrs	7.90	26.54	0.32	1.40	-50.12	0.47	6.95	0.00	0.00	0.00	5.47	0 - 09:57 hrs
338	☐	SWMH-G7-049	3.09	85.95	w Maximum	4.66	0 - 09:55 hrs	0.00	20.13	0.00	1.09	38.94	0.41	0.94	4.66	0.00	0.00	0.00	0 - 00:00 hrs
339	☐	SWMH-G7-050	4.45	88.13	w Maximum	2.68	0 - 09:53 hrs	0.00	20.10	0.00	1.09	111.13	0.47	2.24	2.68	0.00	0.00	0.00	0 - 00:00 hrs
340	☐	SWMH-G7-051	5.05	89.85	w Maximum	1.25	0 - 09:55 hrs	0.00	20.10	0.00	1.09	177.51	0.52	3.00	1.25	0.00	0.00	0.00	0 - 00:00 hrs
341	☐	SWMH-G7-052	6.19	91.45	w Maximum	0.61	0 - 09:57 hrs	0.00	20.11	0.00	1.09	-39.34	0.58	3.97	0.61	0.00	0.00	0.00	0 - 00:00 hrs
342	☐	SWMH-G7-053	7.22	93.72	Surcharged	0.00	0 - 09:55 hrs	26.02	26.02	1.10	1.10	0.00	0.59	5.22	0.00	0.01	0.18	5.93	0 - 09:59 hrs
343	☐	SWMH-G7-054	9.20	80.08	Surcharged	0.00	0 - 09:57 hrs	8.12	33.34	0.32	1.73	469.68	0.56	6.95	0.00	0.00	0.00	0.09	0 - 09:57 hrs

FUTURE CONDITIONS 5-YR 24-HR JUNCTIONS

		ID	Maximum Depth (ft)	Maximum HGL (ft)	Maximum HGL Head Class	Freeboard (ft)	Max.Depth Day-Time (day-time)	Maximum Lateral Inflow (cfs)	Maximum Total Inflow (cfs)	Lateral Inflow Volume (MG)	Total Inflow Volume (MG)	Flow Volume Difference (#)	Total Surcharge Time (hrs)	Max.Surchar ge Height Above Crown	Min.Surchar ge Depth Below Rim (ft)	Total Flood Volume (MG)	Total Flood Time (hrs)	Maximum Flood Rate (cfs)	Max.Flood Day-Time (day-time)
344	☐	SWMH-G7-055	1.67	70.13	Flow Link Crow	5.93	0 - 09:59 hrs	0.00	31.56	0.00	1.33	31.82	0.00	0.00	0.00	0.00	0.00	0.00	0 - 00:00 hrs
345	☐	SWMH-G7-056	4.58	71.31	w Maximum C	4.92	0 - 09:59 hrs	0.00	33.35	0.00	1.73	113.45	0.42	2.08	4.92	0.00	0.00	0.00	0 - 00:00 hrs
346	☐	SWMH-G8-001	8.52	108.14	w Maximum C	0.00	0 - 09:52 hrs	0.00	22.20	0.00	1.74	-87.43	1.38	6.30	0.00	0.01	0.18	1.48	0 - 10:00 hrs
347	☐	SWMH-G8-002	8.25	109.63	w Maximum C	0.00	0 - 09:52 hrs	11.42	36.65	0.47	1.87	276.45	1.22	6.20	0.00	0.13	0.40	20.81	0 - 09:59 hrs
348	☐	SWMH-G8-003	9.82	112.68	w Maximum C	0.00	0 - 09:52 hrs	29.78	29.78	1.42	1.42	0.00	1.06	7.82	0.00	0.01	0.17	4.54	0 - 10:03 hrs
349	☐	SWMH-G8-007	9.20	114.76	Surcharged	0.00	0 - 09:56 hrs	7.86	29.19	0.27	1.56	112.08	0.62	6.70	0.00	0.00	0.00	9.87	0 - 09:56 hrs
350	☐	SWMH-G8-008	7.97	116.55	Surcharged	0.00	0 - 09:55 hrs	8.02	23.30	0.31	1.32	250.51	0.65	5.85	0.00	0.03	0.22	6.56	0 - 09:59 hrs
351	☐	SWMH-G8-009	8.12	117.47	Surcharged	0.00	0 - 09:55 hrs	23.64	23.64	1.06	1.06	0.00	0.72	6.12	0.00	0.05	0.28	10.74	0 - 09:59 hrs
352	☐	SWMH-G8-033	1.26	112.49	Flow Link Crow	6.99	0 - 10:04 hrs	3.47	3.47	0.12	0.12	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0 - 00:00 hrs
353	☐	SWMH-G8-034	8.30	117.53	w Maximum C	0.00	0 - 09:59 hrs	5.10	8.28	0.19	0.30	48.48	0.30	6.55	0.00	0.00	0.00	1.78	0 - 09:59 hrs
354	☐	SWMH-G8-035	0.94	108.17	Flow Link Crow	7.36	0 - 10:04 hrs	0.00	6.98	0.00	0.30	41.57	0.00	0.00	0.00	0.00	0.00	0.00	0 - 00:00 hrs
355	☐	SWMH-G8-036	0.76	101.22	Flow Link Crow	7.64	0 - 10:04 hrs	0.00	6.76	0.00	0.30	28.69	0.00	0.00	0.00	0.00	0.00	0.00	0 - 00:00 hrs
356	☐	SWMH-G8-062	7.95	109.58	w Maximum C	0.00	0 - 09:55 hrs	2.85	25.05	0.10	1.65	2.16	0.63	5.70	0.00	0.00	0.15	4.35	0 - 09:55 hrs
357	☐	SWMH-H2-001	6.57	41.01	w Maximum C	7.51	0 - 10:07 hrs	0.00	222.98	0.00	23.02	0.00	0.41	0.57	7.51	0.00	0.00	0.00	0 - 00:00 hrs
358	☐	SWMH-H2-002	5.39	41.85	Flow Link Crow	12.15	0 - 10:11 hrs	29.14	434.11	1.29	47.30	4,997.08	0.00	0.00	0.00	0.00	0.00	0.00	0 - 00:00 hrs
359	☐	SWMH-H2-003	2.50	44.18	Flow Link Crow	16.32	0 - 10:11 hrs	0.00	415.59	0.00	45.76	568.90	0.00	0.00	0.00	0.00	0.00	0.00	0 - 00:00 hrs
360	☐	SWMH-H2-004	7.39	41.66	w Maximum C	6.41	0 - 10:08 hrs	0.00	222.79	0.00	23.03	2,948.96	0.34	0.45	6.41	0.00	0.00	0.00	0 - 00:00 hrs
361	☐	SWMH-H3-001	6.14	59.93	Flow Link Crow	6.48	0 - 10:11 hrs	0.00	423.36	0.00	45.72	-6,899.25	0.00	0.00	0.00	0.00	0.00	0.00	0 - 00:00 hrs
362	☐	SWMH-H3-002	11.50	62.36	Surcharged	0.00	0 - 10:00 hrs	27.00	159.47	1.29	12.75	1,361.23	0.98	5.75	0.00	0.00	0.00	19.11	0 - 10:00 hrs
363	☐	SWMH-H3-003	10.88	68.28	w Maximum C	1.42	0 - 10:02 hrs	7.83	128.86	0.30	9.78	620.96	0.65	7.27	1.42	0.00	0.00	0.00	0 - 00:00 hrs
364	☐	SWMH-H3-004	13.30	73.96	Surcharged	0.00	0 - 10:00 hrs	0.00	112.85	0.00	8.76	698.19	0.78	7.25	0.00	0.00	0.00	21.38	0 - 10:00 hrs
365	☐	SWMH-H3-005	12.90	74.59	w Maximum C	0.00	0 - 10:00 hrs	0.00	52.08	0.00	2.97	-1.21	0.57	4.35	0.00	0.00	0.00	10.87	0 - 10:00 hrs
366	☐	SWMH-H3-007	6.28	42.54	Flow Link Crow	10.72	0 - 10:08 hrs	0.00	219.85	0.00	17.69	1,216.89	0.00	0.00	0.00	0.00	0.00	0.00	0 - 00:00 hrs
367	☐	SWMH-H3-008	6.18	42.67	Flow Link Crow	10.85	0 - 10:07 hrs	0.00	226.66	0.00	17.66	2,048.24	0.00	0.00	0.00	0.00	0.00	0.00	0 - 00:00 hrs
368	☐	SWMH-H3-009	5.21	48.27	w Maximum C	6.29	0 - 00:00 hrs	0.00	79.76	0.00	4.16	-1,209.09	13.31	1.45	6.29	0.00	0.00	0.00	0 - 00:00 hrs
369	☐	SWMH-H3-010	4.70	47.96	w Maximum C	6.00	0 - 10:59 hrs	0.00	79.75	0.00	4.15	-1,147.44	13.65	1.15	6.00	0.00	0.00	0.00	0 - 00:00 hrs
370	☐	SWMH-H3-011	4.91	48.49	w Maximum C	5.89	0 - 10:00 hrs	0.00	79.67	0.00	4.14	-1,857.78	6.33	1.11	5.89	0.00	0.00	0.00	0 - 00:00 hrs
371	☐	SWMH-H3-012	5.47	49.92	w Maximum C	6.03	0 - 10:00 hrs	0.00	79.68	0.00	4.12	-2,592.23	0.91	1.97	6.03	0.00	0.00	0.00	0 - 00:00 hrs
372	☐	SWMH-H3-013	7.65	53.23	w Maximum C	5.87	0 - 10:00 hrs	0.00	79.69	0.00	4.11	-1,368.89	0.60	4.15	5.87	0.00	0.00	0.00	0 - 00:00 hrs
373	☐	SWMH-H3-014	8.46	54.49	w Maximum C	5.96	0 - 10:00 hrs	0.00	79.66	0.00	4.11	-410.33	0.61	4.96	5.96	0.00	0.00	0.00	0 - 00:00 hrs
374	☐	SWMH-H3-015	11.51	58.23	w Maximum C	5.27	0 - 09:57 hrs	25.87	79.66	1.18	4.11	123.16	0.65	8.01	5.27	0.00	0.00	0.00	0 - 00:00 hrs
375	☐	SWMH-H3-016	12.25	61.97	w Maximum C	2.45	0 - 09:57 hrs	0.00	54.39	0.00	2.92	-42.32	0.56	9.74	2.45	0.00	0.00	0.00	0 - 00:00 hrs
376	☐	SWMH-H3-017	14.25	65.02	Surcharged	0.00	0 - 09:57 hrs	15.78	53.91	0.71	2.92	254.86	0.48	11.75	0.00	0.00	0.00	8.67	0 - 09:57 hrs
377	☐	SWMH-H3-018	11.10	74.34	Surcharged	0.00	0 - 10:00 hrs	0.00	36.10	0.00	2.27	215.23	1.63	8.60	0.00	0.00	0.10	2.13	0 - 10:00 hrs
378	☐	SWMH-H3-020	9.05	75.16	w Maximum C	0.00	0 - 09:56 hrs	32.33	46.47	1.62	2.38	63.55	1.18	6.55	0.00	0.10	0.27	23.92	0 - 10:03 hrs
379	☐	SWMH-H3-025	1.35	64.03	Flow Link Crow	6.29	0 - 10:04 hrs	16.33	16.33	0.73	0.73	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0 - 00:00 hrs
380	☐	SWMH-H3-026	0.96	59.07	Flow Link Crow	8.14	0 - 09:53 hrs	0.00	17.78	0.00	2.44	54.67	0.00	0.00	0.00	0.00	0.00	0.00	0 - 00:00 hrs
381	☐	SWMH-H3-028	5.26	65.53	w Maximum C	0.16	0 - 09:45 hrs	0.00	11.91	0.00	1.98	201.41	3.00	3.51	0.16	0.00	0.00	0.00	0 - 00:00 hrs
382	☐	SWMH-H3-029	4.87	66.57	w Maximum C	0.23	0 - 09:45 hrs	0.00	11.91	0.00	1.98	67.87	2.94	2.90	0.23	0.00	0.00	0.00	0 - 00:00 hrs
383	☐	SWMH-H3-030	5.52	66.94	Surcharged	0.00	0 - 09:52 hrs	11.96	11.96	0.50	0.50	0.00	1.85	4.19	0.00	0.03	0.38	6.08	0 - 09:59 hrs
384	☐	SWMH-H3-031?	4.47	65.80	w Maximum C	0.13	0 - 09:52 hrs	0.00	5.89	0.00	0.46	-26.85	1.31	3.13	0.13	0.00	0.00	0.00	0 - 00:00 hrs
385	☐	SWMH-H3-032	3.16	63.99	w Maximum C	0.94	0 - 09:52 hrs	0.00	5.89	0.00	0.46	66.17	0.99	1.82	0.94	0.00	0.00	0.00	0 - 00:00 hrs
386	☐	SWMH-H3-033	4.80	67.67	w Maximum C	0.00	0 - 09:45 hrs	43.39	43.39	2.35	2.35	0.00	3.21	3.05	0.00	0.36	1.21	31.49	0 - 10:03 hrs
387	☐	SWMH-H4-001	5.00	77.95	Surcharged	0.00	0 - 09:55 hrs	0.00	17.44	0.00	0.49	16.01	1.16	2.75	0.00	0.11	0.38	17.41	0 - 10:03 hrs
388	☐	SWMH-H4-002	5.16	78.99	Surcharged	0.00	0 - 09:55 hrs	0.00	14.80	0.00	0.44	-64.39	0.81	1.55	0.00	0.00	0.00	14.26	0 - 09:55 hrs
389	☐	SWMH-H4-003	0.98	78.93	Flow Link Crow	2.58	0 - 09:59 hrs	10.19	10.19	0.44	0.44	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0 - 00:00 hrs
390	☐	SWMH-H4-004	5.04	78.12	Surcharged	0.00	0 - 09:55 hrs	22.98	22.98	1.14	1.14	0.00	1.32	3.04	0.00	0.09	0.37	18.51	0 - 10:03 hrs
391	☐	SWMH-H4-005	1.25	68.61	Flow Link Crow	2.90	0 - 10:03 hrs	0.00	45.86	0.00	2.19	61.78	0.00	0.00	0.00	0.00	0.00	0.00	0 - 00:00 hrs
392	☐	SWMH-H4-006	1.72	73.04	Flow Link Crow	3.82	0 - 10:06 hrs	6.83	21.33	0.27	0.95	97.07	0.00	0.00	0.00	0.00	0.00	0.00	0 - 00:00 hrs

FUTURE CONDITIONS 5-YR 24-HR JUNCTIONS

		ID	Maximum Depth (ft)	Maximum HGL (ft)	Maximum HGL Head Class	Freeboard (ft)	Max.Depth Day-Time (day-time)	Maximum Lateral Inflow (cfs)	Maximum Total Inflow (cfs)	Lateral Inflow Volume (MG)	Total Inflow Volume (MG)	Flow Volume Difference (MG)	Total Surcharge Time (hrs)	Max.Surchar ge Height Above Crown	Min.Surchar ge Depth Below Rim (ft)	Total Flood Volume (MG)	Total Flood Time (hrs)	Maximum Flood Rate (cfs)	Max.Flood Day-Time (day-time)
393	☐	SWMH-H4-007	1.56	73.05	Flow Link Cro	4.08	0 - 10:04 hrs	0.00	14.05	0.00	0.68	-3.57	0.00	0.00	0.00	0.00	0.00	0.00	0 - 00:00 hrs
394	☐	SWMH-H4-010	8.90	79.62	Surcharged	0.00	0 - 09:57 hrs	0.00	14.82	0.00	0.75	16.61	0.81	6.65	0.00	0.00	0.00	8.25	0 - 09:57 hrs
395	☐	SWMH-H4-012	5.25	78.18	w Maximum D	0.00	0 - 09:55 hrs	30.14	38.14	1.53	2.95	419.86	1.16	3.00	0.00	0.00	0.01	14.03	0 - 09:55 hrs
396	☐	SWMH-H4-013	1.84	73.24	Flow Link Cro	3.56	0 - 10:04 hrs	0.00	21.31	0.00	1.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0 - 00:00 hrs
397	☐	SWMH-H4-014	2.11	73.48	w Maximum D	3.62	0 - 09:59 hrs	21.28	21.28	1.00	1.00	20.85	0.15	0.11	3.62	0.00	0.00	0.00	0 - 00:00 hrs
398	☐	SWMH-H4-015	1.11	69.09	Flow Link Cro	2.74	0 - 10:00 hrs	0.00	6.20	0.00	0.25	8.34	0.00	0.00	0.00	0.00	0.00	0.00	0 - 00:00 hrs
399	☐	SWMH-H4-016	1.23	68.77	Flow Link Cro	2.45	0 - 10:04 hrs	0.00	5.99	0.00	0.25	11.12	0.00	0.00	0.00	0.00	0.00	0.00	0 - 00:00 hrs
400	☐	SWMH-H4-017	6.00	79.43	w Maximum D	0.00	0 - 09:59 hrs	17.04	17.04	0.76	0.76	0.00	0.57	4.00	0.00	0.01	0.13	8.48	0 - 09:59 hrs
401	☐	SWMH-H4-018	8.30	80.25	w Maximum D	0.00	0 - 09:59 hrs	0.00	15.64	0.00	0.76	271.38	0.70	6.00	0.00	0.00	0.00	8.66	0 - 09:59 hrs
402	☐	SWMH-H5-002	5.10	78.52	Surcharged	0.00	0 - 09:51 hrs	0.00	37.09	0.00	3.94	191.29	2.20	2.60	0.00	0.10	0.58	8.62	0 - 10:07 hrs
403	☐	SWMH-H5-003	5.55	80.20	w Maximum D	0.00	0 - 09:51 hrs	36.55	64.44	1.84	4.17	181.94	1.94	3.05	0.00	0.22	0.52	28.43	0 - 10:03 hrs
404	☐	SWMH-H5-004	5.90	82.34	w Maximum D	0.00	0 - 09:52 hrs	12.60	31.18	0.53	2.34	62.78	1.63	3.22	0.00	0.01	0.22	8.93	0 - 09:52 hrs
405	☐	SWMH-H5-005	6.30	87.07	Surcharged	0.00	0 - 09:53 hrs	12.68	24.70	0.57	1.71	229.29	1.82	4.20	0.00	0.01	0.22	3.46	0 - 09:59 hrs
406	☐	SWMH-H5-007	12.30	84.37	Surcharged	0.00	0 - 09:56 hrs	0.00	32.72	0.00	2.21	191.68	1.27	9.68	0.00	0.00	0.00	8.02	0 - 09:56 hrs
407	☐	SWMH-H5-008	8.48	82.36	w Maximum D	0.00	0 - 09:56 hrs	22.05	39.25	1.02	2.26	20.99	1.02	4.20	0.00	0.05	0.26	13.54	0 - 09:56 hrs
408	☐	SWMH-H5-009	5.55	84.52	w Maximum D	0.00	0 - 09:55 hrs	0.00	26.63	0.00	1.25	382.82	1.08	3.55	0.00	0.01	0.26	8.13	0 - 09:55 hrs
409	☐	SWMH-H5-010	6.19	86.46	w Maximum D	0.11	0 - 09:55 hrs	0.00	29.86	0.00	1.41	-37.43	0.98	3.54	0.11	0.00	0.00	0.00	0 - 00:00 hrs
410	☐	SWMH-H5-012	9.96	91.10	Surcharged	-5.00	0 - 09:42 hrs	38.53	38.53	2.09	2.09	0.00	3.56	8.21	0.00	0.25	0.88	26.19	0 - 10:03 hrs
411	☐	SWMH-H6-001	7.07	82.85	w Maximum D	5.28	0 - 10:00 hrs	20.11	116.34	0.93	6.48	1,067.74	0.60	3.44	5.28	0.00	0.00	0.00	0 - 00:00 hrs
412	☐	SWMH-H6-002	9.14	87.80	w Maximum D	1.76	0 - 10:00 hrs	0.00	97.27	0.00	5.48	245.60	0.49	5.57	1.76	0.00	0.00	0.00	0 - 00:00 hrs
413	☐	SWMH-H6-003	11.44	92.65	w Maximum D	0.00	0 - 10:00 hrs	0.00	101.43	0.00	5.48	262.50	0.35	7.75	0.00	0.00	0.00	12.28	0 - 10:00 hrs
414	☐	SWMH-H6-004	13.00	95.05	w Maximum D	0.30	0 - 10:00 hrs	11.05	101.40	0.45	5.49	370.98	0.58	9.20	0.30	0.00	0.00	0.00	0 - 00:00 hrs
415	☐	SWMH-H6-006	3.10	85.34	w Maximum D	7.60	0 - 09:56 hrs	0.00	48.24	0.00	3.04	20.84	0.38	0.60	7.60	0.00	0.00	0.00	0 - 00:00 hrs
416	☐	SWMH-H6-009	1.29	82.41	Flow Link Cro	8.02	0 - 09:59 hrs	8.81	8.81	0.34	0.34	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0 - 00:00 hrs
417	☐	SWMH-H6-010	1.67	80.98	Flow Link Cro	7.81	0 - 10:04 hrs	0.00	8.26	0.00	0.33	250.50	0.00	0.00	0.00	0.00	0.00	0.00	0 - 00:00 hrs
418	☐	SWMH-H7-001	3.26	62.97	Flow Link Cro	4.97	0 - 10:07 hrs	17.31	71.76	0.68	3.17	284.36	0.00	0.00	0.00	0.00	0.00	0.00	0 - 00:00 hrs
419	☐	SWMH-H7-002	3.64	63.12	Flow Link Cro	5.16	0 - 10:06 hrs	0.00	66.66	0.00	2.49	382.01	0.00	0.00	0.00	0.00	0.00	0.00	0 - 00:00 hrs
420	☐	SWMH-H7-003	2.54	64.77	Flow Link Cro	6.26	0 - 10:06 hrs	7.98	54.81	0.30	2.50	127.52	0.00	0.00	0.00	0.00	0.00	0.00	0 - 00:00 hrs
421	☐	SWMH-H7-004	1.96	64.74	Flow Link Cro	5.68	0 - 10:03 hrs	0.00	48.29	0.00	2.20	79.50	0.00	0.00	0.00	0.00	0.00	0.00	0 - 00:00 hrs
422	☐	SWMH-H7-005	2.29	65.67	Flow Link Cro	5.41	0 - 10:03 hrs	0.00	48.27	0.00	2.20	82.35	0.00	0.00	0.00	0.00	0.00	0.00	0 - 00:00 hrs
423	☐	SWMH-H7-006	2.31	66.08	Flow Link Cro	5.49	0 - 10:02 hrs	0.00	48.26	0.00	2.20	154.22	0.00	0.00	0.00	0.00	0.00	0.00	0 - 00:00 hrs
424	☐	SWMH-H7-007	2.45	66.51	Flow Link Cro	5.45	0 - 10:02 hrs	0.00	48.29	0.00	2.20	79.05	0.00	0.00	0.00	0.00	0.00	0.00	0 - 00:00 hrs
425	☐	SWMH-H7-008	1.86	66.90	Flow Link Cro	6.14	0 - 10:02 hrs	0.00	48.30	0.00	2.20	41.34	0.00	0.00	0.00	0.00	0.00	0.00	0 - 00:00 hrs
426	☐	SWMH-H7-009	2.95	68.29	Flow Link Cro	5.38	0 - 10:02 hrs	0.00	48.67	0.00	2.20	215.72	0.00	0.00	0.00	0.00	0.00	0.00	0 - 00:00 hrs
427	☐	SWMH-H7-011	2.25	67.33	Flow Link Cro	6.40	0 - 10:04 hrs	0.00	33.35	0.00	1.76	377.67	0.00	0.00	0.00	0.00	0.00	0.00	0 - 00:00 hrs
428	☐	SWMH-H7-012	2.18	67.74	Flow Link Cro	6.32	0 - 10:03 hrs	0.00	33.36	0.00	1.74	265.50	0.00	0.00	0.00	0.00	0.00	0.00	0 - 00:00 hrs
429	☐	SWMH-H7-013	10.55	72.59	Surcharged	0.00	0 - 09:57 hrs	17.36	17.36	0.78	0.78	0.00	0.80	8.45	0.00	0.00	0.07	0.71	0 - 09:59 hrs
430	☐	SWMH-H7-014	8.16	69.62	w Maximum D	0.24	0 - 10:04 hrs	0.00	24.12	0.00	1.11	22.24	0.65	6.02	0.24	0.00	0.00	0.00	0 - 00:00 hrs
431	☐	SWMH-H7-015	6.49	65.68	w Maximum D	1.72	0 - 10:03 hrs	0.00	24.13	0.00	1.12	274.94	1.01	4.49	1.72	0.00	0.00	0.00	0 - 00:00 hrs
432	☐	SWMH-H7-016	0.51	59.36	Flow Link Cro	5.69	0 - 09:59 hrs	1.18	1.18	0.04	0.04	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0 - 00:00 hrs
433	☐	SWMH-H7-017	1.22	59.94	Flow Link Cro	6.48	0 - 09:59 hrs	11.10	11.10	0.46	0.46	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0 - 00:00 hrs
434	☐	SWMH-H7-020	3.67	61.99	Flow Link Cro	4.33	0 - 10:07 hrs	0.00	90.06	0.00	4.35	863.29	0.00	0.00	0.00	0.00	0.00	0.00	0 - 00:00 hrs
435	☐	SWMH-H7-021	10.20	72.29	w Maximum D	0.00	0 - 09:57 hrs	8.64	25.28	0.34	1.12	141.26	0.77	8.20	0.00	0.00	0.11	1.56	0 - 10:03 hrs
436	☐	SWMH-H7-069	3.01	58.97	Flow Link Cro	6.69	0 - 00:01 hrs	0.00	30.50	0.00	0.90	959.03	0.00	0.00	0.00	0.00	0.00	0.00	0 - 00:00 hrs
437	☐	SWMH-H7-070	3.59	62.57	Flow Link Cro	4.66	0 - 10:07 hrs	0.00	69.78	0.00	3.18	430.67	0.00	0.00	0.00	0.00	0.00	0.00	0 - 00:00 hrs
438	☐	SWMH-H7-071	3.86	62.36	Flow Link Cro	4.60	0 - 10:07 hrs	0.00	69.02	0.00	3.20	1,111.57	0.00	0.00	0.00	0.00	0.00	0.00	0 - 00:00 hrs
439	☐	SWMH-H7-072	3.56	61.42	Flow Link Cro	4.14	0 - 10:07 hrs	0.00	89.59	0.00	4.37	1,357.24	0.00	0.00	0.00	0.00	0.00	0.00	0 - 00:00 hrs
440	☐	SWMH-H7-073	2.01	61.78	Flow Link Cro	8.14	0 - 09:59 hrs	0.00	15.79	0.00	0.69	83.50	0.00	0.00	0.00	0.00	0.00	0.00	0 - 00:00 hrs
441	☐	SWMH-H7-074	1.35	59.98	Flow Link Cro	5.95	0 - 10:00 hrs	0.00	15.44	0.00	0.69	16.27	0.00	0.00	0.00	0.00	0.00	0.00	0 - 00:00 hrs

FUTURE CONDITIONS 5-YR 24-HR JUNCTIONS

		ID	Maximum Depth (ft)	Maximum HGL (ft)	Maximum HGL Head Class	Freeboard (ft)	Max.Depth Day-Time (day-time)	Maximum Lateral Inflow (cfs)	Maximum Total Inflow (cfs)	Lateral Inflow Volume (MG)	Total Inflow Volume (MG)	Flow Volume Difference (MG)	Total Surcharge Time (hrs)	Max.Surchar ge Height Above Crown (ft)	Min.Surchar ge Depth Below Rim (ft)	Total Flood Volume (MG)	Total Flood Time (hrs)	Maximum Flood Rate (cfs)	Max.Flood Day-Time (day-time)
442	☐	SWMH-H7-075	1.74	58.71	Flow Link Crov	5.76	0 - 00:03 hrs	0.00	19.00	0.00	0.88	846.46	0.00	0.00	0.00	0.00	0.00	0.00	0 - 00:00 hrs
443	☐	SWMH-H7-076	1.39	58.96	Flow Link Crov	4.18	0 - 10:00 hrs	0.00	15.42	0.00	0.69	106.38	0.00	0.00	0.00	0.00	0.00	0.00	0 - 00:00 hrs
444	☐	SWMH-H7-077	0.65	58.94	Flow Link Crov	4.80	0 - 09:59 hrs	4.21	4.21	0.16	0.16	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0 - 00:00 hrs
445	☐	SWMH-H7-083	1.38	61.97	Flow Link Crov	8.52	0 - 09:59 hrs	0.00	16.15	0.00	0.69	13.51	0.00	0.00	0.00	0.00	0.00	0.00	0 - 00:00 hrs
446	☐	SWMH-H7-084	2.54	63.51	w Maximum D	7.91	0 - 09:59 hrs	16.11	16.11	0.69	0.69	0.00	0.30	0.54	7.91	0.00	0.00	0.00	0 - 00:00 hrs
447	☐	SWMH-H8-001	1.94	65.68	Flow Link Crov	16.32	0 - 09:59 hrs	17.68	88.25	0.78	4.81	80.09	0.00	0.00	0.00	0.00	0.00	0.00	0 - 00:00 hrs
448	☐	SWMH-H8-002	2.00	81.61	Flow Link Crov	10.42	0 - 09:59 hrs	0.00	49.81	0.00	3.17	76.83	0.00	0.00	0.00	0.00	0.00	0.00	0 - 00:00 hrs
449	☐	SWMH-H8-003	6.20	86.12	w Maximum D	5.60	0 - 09:56 hrs	0.00	49.79	0.00	3.17	18.89	0.41	3.35	5.60	0.00	0.00	0.00	0 - 00:00 hrs
450	☐	SWMH-H8-004	6.47	87.85	w Maximum D	5.95	0 - 09:56 hrs	3.64	49.78	0.12	3.17	132.76	0.50	3.24	5.95	0.00	0.00	0.00	0 - 00:00 hrs
451	☐	SWMH-H8-005	10.58	98.18	w Maximum D	1.82	0 - 09:56 hrs	4.02	40.31	0.14	2.82	-4.24	0.80	8.28	1.82	0.00	0.00	0.00	0 - 00:00 hrs
452	☐	SWMH-H8-006	10.70	102.01	Surcharged	0.00	0 - 09:56 hrs	5.04	37.50	0.18	2.69	86.04	0.60	8.45	0.00	0.00	0.00	0.33	0 - 09:56 hrs
453	☐	SWMH-H8-007	10.25	103.82	w Maximum D	0.00	0 - 09:56 hrs	6.82	33.76	0.25	2.51	116.71	0.83	8.00	0.00	0.00	0.00	0.49	0 - 09:56 hrs
454	☐	SWMH-H8-008	10.14	104.70	w Maximum D	0.31	0 - 09:56 hrs	0.00	29.05	0.00	2.26	46.53	0.98	7.89	0.31	0.00	0.00	0.00	0 - 00:00 hrs
455	☐	SWMH-H8-009	10.30	107.04	w Maximum D	0.00	0 - 09:56 hrs	12.43	29.05	0.53	2.26	182.82	1.32	8.15	0.00	0.00	0.00	0.85	0 - 09:56 hrs
456	☐	SWMH-H8-010	9.00	107.56	w Maximum D	0.00	0 - 09:52 hrs	0.00	22.19	0.00	1.73	27.35	1.02	6.10	0.00	0.00	0.00	3.99	0 - 09:52 hrs
457	☐	SWMH-H8-011	10.00	96.91	w Maximum D	0.00	0 - 09:56 hrs	28.99	66.35	1.33	4.14	181.73	0.53	7.40	0.00	0.00	0.00	6.17	0 - 09:56 hrs
458	☐	SWMH-H8-013	9.69	99.74	w Maximum D	0.61	0 - 09:56 hrs	3.52	36.75	0.12	2.51	166.29	1.26	7.44	0.61	0.00	0.00	0.00	0 - 00:00 hrs
459	☐	SWMH-H8-014	8.25	99.93	Surcharged	0.00	0 - 09:55 hrs	0.00	41.57	0.00	2.46	60.44	1.11	6.10	0.00	0.08	0.28	16.17	0 - 10:03 hrs
460	☐	SWMH-H8-015	9.65	105.73	Surcharged	0.00	0 - 09:59 hrs	18.55	41.61	0.81	2.46	59.71	0.84	7.38	0.00	0.00	0.00	0.04	0 - 09:59 hrs
461	☐	SWMH-H8-023	1.56	76.99	Flow Link Crov	8.49	0 - 09:59 hrs	17.28	70.84	0.72	4.04	35.47	0.00	0.00	0.00	0.00	0.00	0.00	0 - 00:00 hrs
462	☐	SWMH-H8-024	0.65	85.66	Flow Link Crov	8.25	0 - 09:59 hrs	4.54	4.54	0.15	0.15	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0 - 00:00 hrs
463	☐	SWMH-H8-026	0.72	96.44	Flow Link Crov	8.58	0 - 09:59 hrs	6.12	6.12	0.22	0.22	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0 - 00:00 hrs
464	☐	SWMH-H8-027	0.72	89.95	Flow Link Crov	8.68	0 - 09:59 hrs	0.00	6.00	0.00	0.22	10.48	0.00	0.00	0.00	0.00	0.00	0.00	0 - 00:00 hrs
465	☐	SWMH-H8-028	8.92	93.45	w Maximum D	4.28	0 - 09:56 hrs	0.00	40.32	0.00	2.82	46.87	0.90	6.67	4.28	0.00	0.00	0.00	0 - 00:00 hrs
466	☐	SWMH-H8-035	0.00	77.18	Flow Link Inve	7.90	0 - 00:00 hrs	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0 - 00:00 hrs
467	☐	SWMH-H8-062	3.33	61.13	Flow Link Crov	8.27	0 - 10:07 hrs	0.00	126.13	0.00	11.19	144.02	0.00	0.00	0.00	0.00	0.00	0.00	0 - 00:00 hrs
468	☐	SWMH-H8-063	4.20	64.47	Flow Link Crov	7.00	0 - 10:04 hrs	0.00	126.39	0.00	11.19	180.79	0.00	0.00	0.00	0.00	0.00	0.00	0 - 00:00 hrs
469	☐	SWMH-H8-064	3.73	62.55	Flow Link Crov	4.57	0 - 10:04 hrs	0.00	126.18	0.00	11.19	377.89	0.00	0.00	0.00	0.00	0.00	0.00	0 - 00:00 hrs
470	☐	SWMH-H8-065	0.71	78.12	Flow Link Crov	7.19	0 - 09:59 hrs	0.00	4.34	0.00	0.15	4.53	0.00	0.00	0.00	0.00	0.00	0.00	0 - 00:00 hrs
471	☐	SWMH-H8-067	9.30	96.92	w Maximum D	0.00	0 - 09:56 hrs	0.00	36.75	0.00	2.51	55.81	0.60	6.63	0.00	0.00	0.00	0.30	0 - 09:56 hrs
472	☐	SWMH-H9-001	1.69	93.68	Flow Link Crov	14.51	0 - 10:03 hrs	0.00	31.10	0.00	1.40	722.55	0.00	0.00	0.00	0.00	0.00	0.00	0 - 00:00 hrs
473	☐	SWMH-H9-002	1.61	93.36	Flow Link Crov	15.25	0 - 10:04 hrs	0.00	30.98	0.00	1.40	-524.35	0.00	0.00	0.00	0.00	0.00	0.00	0 - 00:00 hrs
474	☐	SWMH-H9-003	6.93	85.17	w Maximum D	1.32	0 - 09:57 hrs	0.00	63.54	0.00	4.15	36.86	0.40	4.03	1.32	0.00	0.00	0.00	0 - 00:00 hrs
475	☐	SWMH-H9-005	4.74	110.10	w Maximum D	3.28	0 - 09:59 hrs	0.00	31.09	0.00	1.40	75.36	0.33	2.74	3.28	0.00	0.00	0.00	0 - 00:00 hrs
476	☐	SWMH-H9-006	5.50	109.64	w Maximum D	2.40	0 - 09:56 hrs	0.00	31.10	0.00	1.40	7.88	0.38	3.30	2.40	0.00	0.00	0.00	0 - 00:00 hrs
477	☐	SWMH-H9-007	4.47	76.95	w Maximum D	4.83	0 - 09:57 hrs	0.00	63.42	0.00	4.14	67.20	0.52	1.97	4.83	0.00	0.00	0.00	0 - 00:00 hrs
478	☐	SWMH-I2-001	11.00	42.94	Surcharged	0.00	0 - 00:00 hrs	28.06	299.42	1.37	26.26	7,962.47	1.58	5.00	0.00	0.01	0.00	192.83	0 - 00:00 hrs
479	☐	SWMH-I2-002	6.38	40.02	w Maximum D	7.12	0 - 10:08 hrs	35.48	250.14	1.76	24.86	7,439.78	0.39	0.38	7.12	0.00	0.00	0.00	0 - 00:00 hrs
480	☐	SWMH-I2-003	10.85	42.24	Surcharged	0.00	0 - 00:01 hrs	10.20	453.45	0.42	48.14	19,298.94	2.75	3.85	0.00	0.02	0.00	387.16	0 - 00:01 hrs
481	☐	SWMH-I3-002	4.00	40.38	w Maximum D	3.36	0 - 10:00 hrs	0.00	8.01	0.00	0.03	-63.70	0.28	1.50	3.36	0.00	0.00	0.00	0 - 00:00 hrs
482	☐	SWMH-I3-003	1.78	39.72	Flow Link Crov	5.72	0 - 10:04 hrs	0.00	5.83	0.00	0.01	9.86	0.00	0.00	0.00	0.00	0.00	0.00	0 - 00:00 hrs
483	☐	SWMH-I3-004	0.00	48.44	Flow Link Inve	11.56	0 - 00:00 hrs	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0 - 00:00 hrs
484	☐	SWMH-I3-010	11.40	44.99	w Maximum D	5.28	0 - 10:04 hrs	23.11	95.32	0.97	4.47	523.01	0.53	5.79	5.28	0.00	0.00	0.00	0 - 00:00 hrs
485	☐	SWMH-I4-001	1.33	69.98	Flow Link Crov	4.87	0 - 09:59 hrs	0.00	34.93	0.00	3.27	125.35	0.00	0.00	0.00	0.00	0.00	0.00	0 - 00:00 hrs
486	☐	SWMH-I4-002	5.31	75.34	w Maximum D	1.71	0 - 09:55 hrs	0.00	34.90	0.00	3.28	454.13	1.85	2.81	1.71	0.00	0.00	0.00	0 - 00:00 hrs
487	☐	SWMH-I4-003	7.05	77.95	w Maximum D	0.00	0 - 09:52 hrs	21.76	34.95	1.06	3.29	297.02	1.93	4.55	0.00	0.00	0.00	1.45	0 - 09:52 hrs
488	☐	SWMH-I4-004	6.35	77.71	w Maximum D	0.00	0 - 09:55 hrs	0.00	0.66	0.00	0.01	0.00	1.95	4.35	0.00	0.00	0.00	0.03	0 - 09:55 hrs
489	☐	SWMH-I4-005	7.05	40.61	w Maximum D	3.21	0 - 10:04 hrs	41.53	181.61	2.15	9.42	2,294.84	0.19	1.39	3.21	0.00	0.00	0.00	0 - 00:00 hrs
490	☐	SWMH-I4-007	15.72	54.92	w Maximum D	0.00	0 - 10:00 hrs	0.00	74.78	0.00	3.49	81.92	0.36	11.90	0.00	0.00	0.00	12.54	0 - 10:00 hrs

FUTURE CONDITIONS 5-YR 24-HR JUNCTIONS

		ID	Maximum Depth (ft)	Maximum HGL (ft)	Maximum HGL Head Class	Freeboard (ft)	Max.Depth Day-Time (day-time)	Maximum Lateral Inflow (cfs)	Maximum Total Inflow (cfs)	Lateral Inflow Volume (MG)	Total Inflow Volume (MG)	Flow Volume Difference (MG)	Total Surcharge Time (hrs)	Max.Surchar ge Height Above Crown	Min.Surchar ge Depth Below Rim (ft)	Total Flood Volume (MG)	Total Flood Time (hrs)	Maximum Flood Rate (cfs)	Max.Flood Day-Time (day-time)
491	☐	SWMH-I4-008	11.32	53.49	Surcharged	0.00	0 - 10:04 hrs	0.00	74.73	0.00	3.48	-147.66	0.07	7.50	0.00	0.00	0.00	5.26	0 - 10:04 hrs
492	☐	SWMH-I4-010	2.71	53.47	Flow Link Croy	12.69	0 - 10:04 hrs	15.37	75.12	0.60	3.49	697.49	0.00	0.00	0.00	0.00	0.00	0.00	0 - 00:00 hrs
493	☐	SWMH-I4-011	1.46	60.79	Flow Link Croy	6.21	0 - 10:03 hrs	15.74	38.28	0.70	1.80	-15.36	0.00	0.00	0.00	0.00	0.00	0.00	0 - 00:00 hrs
494	☐	SWMH-I4-012	9.34	43.58	w Maximum D	5.86	0 - 09:59 hrs	0.00	141.91	0.00	7.24	1,553.95	0.48	4.34	5.86	0.00	0.00	0.00	0 - 00:00 hrs
495	☐	SWMH-I4-013	9.45	43.78	w Maximum D	6.90	0 - 10:04 hrs	0.00	95.34	0.00	4.47	708.41	0.49	4.45	6.90	0.00	0.00	0.00	0 - 00:00 hrs
496	☐	SWMH-I4-014	13.60	50.07	Surcharged	0.00	0 - 09:59 hrs	15.37	50.06	0.66	2.75	90.73	0.75	11.40	0.00	0.00	0.00	13.06	0 - 09:59 hrs
497	☐	SWMH-I4-015	12.95	63.49	w Maximum D	0.00	0 - 09:56 hrs	38.73	38.73	2.11	2.11	0.00	0.58	10.95	0.00	0.01	0.16	5.67	0 - 10:03 hrs
498	☐	SWMH-I4-019	14.55	61.90	w Maximum D	0.00	0 - 09:59 hrs	0.00	35.18	0.00	2.10	203.53	0.64	12.54	0.00	0.00	0.00	0.19	0 - 09:59 hrs
499	☐	SWMH-I4-023	1.05	60.69	Flow Link Croy	7.31	0 - 10:04 hrs	0.00	22.85	0.00	1.09	37.16	0.00	0.00	0.00	0.00	0.00	0.00	0 - 00:00 hrs
500	☐	SWMH-I5-001	6.45	58.56	w Maximum D	0.00	0 - 09:56 hrs	0.00	82.19	0.00	8.22	78.38	1.09	3.30	0.00	0.00	0.00	9.15	0 - 09:56 hrs
501	☐	SWMH-I5-002	6.06	62.77	w Maximum D	0.00	0 - 09:56 hrs	10.93	83.08	0.47	8.26	530.43	0.94	3.06	0.00	0.03	0.27	13.07	0 - 09:56 hrs
502	☐	SWMH-I5-003	8.06	68.91	w Maximum D	2.54	0 - 09:57 hrs	0.00	34.88	0.00	3.27	23.66	0.55	5.27	2.54	0.00	0.00	0.00	0 - 00:00 hrs
503	☐	SWMH-I5-005	5.83	71.94	w Maximum D	0.01	0 - 09:56 hrs	0.00	44.93	0.00	4.52	159.33	1.26	3.32	0.01	0.00	0.00	0.00	0 - 00:00 hrs
504	☐	SWMH-I5-006	5.40	74.12	Surcharged	0.00	0 - 09:55 hrs	16.07	45.75	0.71	4.56	550.99	1.24	2.90	0.00	0.03	0.28	6.43	0 - 09:59 hrs
505	☐	SWMH-I5-007	5.72	77.63	Surcharged	0.00	0 - 09:56 hrs	0.00	37.13	0.00	3.84	43.09	1.21	2.88	0.00	0.00	0.00	5.02	0 - 09:56 hrs
506	☐	SWMH-I5-008	5.30	78.08	Surcharged	0.00	0 - 09:56 hrs	0.00	37.12	0.00	3.84	232.63	1.80	2.80	0.00	0.00	0.00	0.09	0 - 09:56 hrs
507	☐	SWMH-I5-009	9.10	50.43	w Maximum D	0.00	0 - 00:03 hrs	0.00	47.21	0.00	3.30	1,945.11	2.22	6.55	0.00	0.00	0.00	10.46	0 - 00:03 hrs
508	☐	SWMH-I5-010	1.45	68.63	Flow Link Croy	11.45	0 - 09:59 hrs	0.00	47.51	0.00	3.27	158.26	0.00	0.00	0.00	0.00	0.00	0.00	0 - 00:00 hrs
509	☐	SWMH-I5-011	7.69	75.88	w Maximum D	6.06	0 - 09:57 hrs	0.00	47.52	0.00	3.27	19.13	1.45	5.04	6.06	0.00	0.00	0.00	0 - 00:00 hrs
510	☐	SWMH-I5-012	13.40	83.66	w Maximum D	0.00	0 - 09:57 hrs	17.40	53.41	0.73	3.27	202.54	0.51	7.45	0.00	0.00	0.00	9.85	0 - 09:57 hrs
511	☐	SWMH-I5-013	5.65	76.72	Surcharged	0.00	0 - 09:55 hrs	0.00	36.98	0.00	3.84	-133.40	1.16	3.15	0.00	0.00	0.00	2.72	0 - 09:55 hrs
512	☐	SWMH-I8-001	9.28	92.39	w Maximum D	0.52	0 - 10:04 hrs	9.92	105.87	0.39	7.95	-19.52	0.13	5.24	0.52	0.00	0.00	0.00	0 - 00:00 hrs
513	☐	SWMH-I8-002	3.86	92.10	Flow Link Croy	6.49	0 - 10:04 hrs	11.04	79.66	0.46	6.68	848.68	0.00	0.00	0.00	0.00	0.00	0.00	0 - 00:00 hrs
514	☐	SWMH-I8-003	3.02	93.80	Flow Link Croy	11.03	0 - 10:04 hrs	16.70	69.86	0.75	6.23	522.83	0.00	0.00	0.00	0.00	0.00	0.00	0 - 00:00 hrs
515	☐	SWMH-I8-004	2.35	95.96	Flow Link Croy	11.42	0 - 10:04 hrs	0.00	53.75	0.00	5.48	346.49	0.00	0.00	0.00	0.00	0.00	0.00	0 - 00:00 hrs
516	☐	SWMH-I8-005	0.75	97.60	Flow Link Croy	8.37	0 - 09:59 hrs	0.00	11.65	0.00	0.48	6.48	0.00	0.00	0.00	0.00	0.00	0.00	0 - 00:00 hrs
517	☐	SWMH-I8-006	8.85	58.19	Surcharged	0.00	0 - 00:00 hrs	0.00	50.70	0.00	1.13	1,400.93	47.98	5.85	0.00	0.00	0.00	36.23	0 - 00:00 hrs
518	☐	SWMH-I8-007	0.98	93.41	Flow Link Croy	6.72	0 - 10:03 hrs	2.15	24.95	0.08	1.13	38.05	0.00	0.00	0.00	0.00	0.00	0.00	0 - 00:00 hrs
519	☐	SWMH-I8-008	4.16	98.80	w Maximum D	3.34	0 - 09:56 hrs	7.17	23.22	0.28	1.05	49.40	0.38	2.06	3.34	0.00	0.00	0.00	0 - 00:00 hrs
520	☐	SWMH-I8-009	4.23	101.69	w Maximum D	4.17	0 - 09:59 hrs	0.00	17.35	0.00	0.77	85.83	0.21	2.23	4.17	0.00	0.00	0.00	0 - 00:00 hrs
521	☐	SWMH-I8-010	7.40	106.48	w Maximum D	0.75	0 - 09:59 hrs	0.00	17.35	0.00	0.77	18.92	0.69	5.40	0.75	0.00	0.00	0.00	0 - 00:00 hrs
522	☐	SWMH-I8-011	6.81	107.12	Surcharged	0.00	0 - 09:59 hrs	17.35	17.35	0.77	0.77	0.00	0.61	5.31	0.00	0.00	0.03	0.32	0 - 10:03 hrs
523	☐	SWMH-I8-013	1.99	87.02	Flow Link Croy	11.21	0 - 10:04 hrs	4.38	123.70	0.15	11.07	193.97	0.00	0.00	0.00	0.00	0.00	0.00	0 - 00:00 hrs
524	☐	SWMH-I8-014	2.41	98.81	Flow Link Croy	13.19	0 - 10:04 hrs	0.00	113.38	0.00	10.65	599.31	0.00	0.00	0.00	0.00	0.00	0.00	0 - 00:00 hrs
525	☐	SWMH-I8-015	2.42	108.59	Flow Link Croy	7.03	0 - 09:59 hrs	0.00	113.42	0.00	10.65	195.86	0.00	0.00	0.00	0.00	0.00	0.00	0 - 00:00 hrs
526	☐	SWMH-I8-016	6.57	113.87	w Maximum D	3.78	0 - 09:59 hrs	12.06	97.57	0.49	9.90	1,063.66	1.96	2.97	3.78	0.00	0.00	0.00	0 - 00:00 hrs
527	☐	SWMH-I8-017	8.55	116.84	w Maximum D	2.70	0 - 09:59 hrs	11.74	85.50	0.47	9.42	817.19	2.21	4.95	2.70	0.00	0.00	0.00	0 - 00:00 hrs
528	☐	SWMH-I8-018	0.54	90.57	Flow Link Croy	7.66	0 - 09:59 hrs	0.00	3.76	0.00	0.13	6.73	0.00	0.00	0.00	0.00	0.00	0.00	0 - 00:00 hrs
529	☐	SWMH-I8-019	1.80	112.23	Flow Link Croy	6.20	0 - 10:04 hrs	0.00	17.17	0.00	0.76	69.16	0.00	0.00	0.00	0.00	0.00	0.00	0 - 00:00 hrs
530	☐	SWMH-I8-020	2.97	92.67	Flow Link Croy	8.03	0 - 10:04 hrs	0.00	69.56	0.00	6.22	424.72	0.00	0.00	0.00	0.00	0.00	0.00	0 - 00:00 hrs
531	☐	SWMH-I8-024	6.21	108.22	w Maximum D	0.94	0 - 09:59 hrs	11.65	11.65	0.48	0.48	0.00	0.52	4.71	0.94	0.00	0.00	0.00	0 - 00:00 hrs
532	☐	SWMH-I8-036	0.47	91.15	Flow Link Croy	7.83	0 - 09:59 hrs	3.85	3.85	0.13	0.13	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0 - 00:00 hrs
533	☐	SWMH-I8-041	1.87	74.27	Flow Link Croy	10.18	0 - 09:59 hrs	3.32	126.28	0.12	11.20	222.98	0.00	0.00	0.00	0.00	0.00	0.00	0 - 00:00 hrs
534	☐	SWMH-I9-001	17.28	134.78	Surcharged	-5.00	0 - 09:52 hrs	19.58	34.85	0.88	3.99	182.08	1.39	14.78	0.00	0.00	0.00	4.96	0 - 09:52 hrs
535	☐	SWMH-I9-002	5.82	113.81	w Maximum D	1.86	0 - 09:59 hrs	12.87	31.25	0.54	1.40	-17.72	0.26	3.82	1.86	0.00	0.00	0.00	0 - 00:00 hrs
536	☐	SWMH-I9-003	5.22	115.83	w Maximum D	2.66	0 - 10:03 hrs	19.26	19.26	0.87	0.86	0.00	0.05	3.22	2.66	0.00	0.00	0.00	0 - 00:00 hrs
537	☐	SWMH-I9-008	1.86	113.29	Flow Link Croy	6.59	0 - 09:59 hrs	17.58	17.58	0.76	0.76	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0 - 00:00 hrs
538	☐	SWMH-J2-001	6.50	39.54	w Maximum D	4.46	0 - 09:59 hrs	0.00	119.66	0.00	6.53	8,018.84	0.08	0.50	4.46	0.00	0.00	0.00	0 - 00:00 hrs
539	☐	SWMH-J2-002	6.33	40.23	w Maximum D	0.79	0 - 09:59 hrs	0.00	46.70	0.00	2.76	2,229.61	39.75	2.83	0.79	0.00	0.00	0.00	0 - 00:00 hrs

FUTURE CONDITIONS 5-YR 24-HR JUNCTIONS

		ID	Maximum Depth (ft)	Maximum HGL (ft)	Maximum HGL Head Class	Freeboard (ft)	Max.Depth Day-Time (day-time)	Maximum Lateral Inflow (cfs)	Maximum Total Inflow (cfs)	Lateral Inflow Volume (MG)	Total Inflow Volume (MG)	Flow Volume Difference (MG)	Total Surcharge Time (hrs)	Max.Surchar ge Height Above Crown	Min.Surchar ge Depth Below Rim (ft)	Total Flood Volume (MG)	Total Flood Time (hrs)	Maximum Flood Rate (cfs)	Max.Flood Day-Time (day-time)
540	☐	SWMH-J2-003	6.38	40.29	w Maximum	1.80	0 - 09:59 hrs	0.00	46.69	0.00	2.78	2,920.12	39.72	2.87	1.80	0.00	0.00	0.00	0 - 00:00 hrs
541	☐	SWMH-J2-004	6.07	41.06	w Maximum	2.43	0 - 09:59 hrs	9.51	31.04	0.38	1.97	2,975.08	38.97	2.82	2.43	0.00	0.00	0.00	0 - 00:00 hrs
542	☐	SWMH-J2-005	5.58	41.90	w Maximum	2.72	0 - 09:59 hrs	0.00	22.01	0.00	1.60	2,062.13	1.93	2.95	2.72	0.00	0.00	0.00	0 - 00:00 hrs
543	☐	SWMH-J2-007	6.65	45.45	Surcharged	0.00	0 - 09:52 hrs	31.64	31.64	1.55	1.55	0.00	1.29	4.55	0.00	0.06	0.33	13.34	0 - 09:59 hrs
544	☐	SWMH-J2-008	5.15	39.72	w Maximum	3.75	0 - 09:59 hrs	0.00	73.70	0.00	3.82	2,899.69	0.81	1.00	3.75	0.00	0.00	0.00	0 - 00:00 hrs
545	☐	SWMH-J2-009	4.78	40.32	w Maximum	3.57	0 - 09:59 hrs	0.00	73.69	0.00	3.81	2,877.76	0.41	1.03	3.57	0.00	0.00	0.00	0 - 00:00 hrs
546	☐	SWMH-J2-010	5.99	40.32	w Maximum	0.46	0 - 09:59 hrs	0.00	16.40	0.00	0.84	966.43	39.80	2.97	0.46	0.00	0.00	0.00	0 - 00:00 hrs
547	☐	SWMH-J2-011	6.05	40.95	w Maximum	0.00	0 - 09:55 hrs	18.46	18.46	0.85	0.85	346.16	40.24	4.02	0.00	0.01	0.16	3.06	0 - 09:59 hrs
548	☐	SWMH-J2-012	5.80	43.38	w Maximum	0.00	0 - 09:52 hrs	3.50	22.01	0.12	1.60	799.52	1.21	3.30	0.00	0.00	0.01	3.44	0 - 09:52 hrs
549	☐	SWMH-J2-016	7.48	39.15	w Maximum	2.63	0 - 09:59 hrs	4.84	123.94	0.17	6.60	9,445.23	39.51	1.48	2.63	0.00	0.00	0.00	0 - 00:00 hrs
550	☐	SWMH-J2-066	6.50	44.39	w Maximum	0.00	0 - 09:52 hrs	0.00	20.51	0.00	1.49	193.65	1.10	4.00	0.00	0.00	0.00	4.65	0 - 09:52 hrs
551	☐	SWMH-J3-001	5.73	42.33	w Maximum	1.02	0 - 09:56 hrs	8.85	41.56	0.35	2.32	2,226.68	0.72	2.73	1.02	0.00	0.00	0.00	0 - 00:00 hrs
552	☐	SWMH-J3-002	6.69	43.91	w Maximum	0.29	0 - 09:56 hrs	0.00	33.31	0.00	1.97	1,087.82	0.70	3.69	0.29	0.00	0.00	0.00	0 - 00:00 hrs
553	☐	SWMH-J3-003	7.40	44.95	w Maximum	0.00	0 - 09:56 hrs	21.79	33.30	0.99	1.98	929.00	0.71	4.40	0.00	0.00	0.00	10.35	0 - 09:56 hrs
554	☐	SWMH-J3-004	7.55	47.21	Surcharged	0.00	0 - 10:00 hrs	0.00	13.41	0.00	0.99	88.17	0.25	4.55	0.00	0.00	0.00	2.93	0 - 10:00 hrs
555	☐	SWMH-J3-005	3.92	46.06	w Maximum	2.66	0 - 10:02 hrs	0.00	12.21	0.00	0.99	74.87	0.10	1.92	2.66	0.00	0.00	0.00	0 - 00:00 hrs
556	☐	SWMH-J3-006	6.33	59.68	Surcharged	0.00	0 - 09:52 hrs	22.00	22.00	1.05	1.05	0.00	0.95	5.08	0.00	0.05	0.38	9.78	0 - 09:59 hrs
557	☐	SWMH-J3-007	5.76	42.37	w Maximum	2.32	0 - 09:56 hrs	0.00	32.83	0.00	1.49	1,041.95	0.42	2.76	2.32	0.00	0.00	0.00	0 - 00:00 hrs
558	☐	SWMH-J3-008	7.20	45.23	Surcharged	0.00	0 - 09:56 hrs	15.37	32.81	0.69	1.49	173.68	0.38	4.60	0.00	0.00	0.00	2.71	0 - 09:56 hrs
559	☐	SWMH-J3-009	5.43	44.80	w Maximum	1.27	0 - 09:57 hrs	17.46	17.46	0.80	0.80	0.00	0.17	2.93	1.27	0.00	0.00	0.00	0 - 00:00 hrs
560	☐	SWMH-J3-010	6.68	47.44	w Maximum	2.87	0 - 09:59 hrs	0.00	36.38	0.00	1.58	74.51	0.65	3.98	2.87	0.00	0.00	0.00	0 - 00:00 hrs
561	☐	SWMH-J3-011	7.23	47.98	w Maximum	2.47	0 - 09:59 hrs	16.08	36.37	0.69	1.58	73.71	0.63	4.30	2.47	0.00	0.00	0.00	0 - 00:00 hrs
562	☐	SWMH-J3-012	7.27	48.50	w Maximum	2.58	0 - 09:59 hrs	4.66	20.41	0.16	0.89	69.18	0.66	4.77	2.58	0.00	0.00	0.00	0 - 00:00 hrs
563	☐	SWMH-J3-013	7.72	49.55	w Maximum	2.43	0 - 09:57 hrs	0.00	16.18	0.00	0.73	-61.58	0.68	5.47	2.43	0.00	0.00	0.00	0 - 00:00 hrs
564	☐	SWMH-J3-014	7.90	51.12	w Maximum	0.00	0 - 09:56 hrs	16.74	16.74	0.73	0.73	0.00	0.56	5.90	0.00	0.00	0.03	4.69	0 - 09:56 hrs
565	☐	SWMH-J4-001	10.60	47.08	w Maximum	0.00	0 - 00:02 hrs	0.00	169.93	0.00	12.30	20,533.31	47.91	5.60	0.00	0.01	0.00	119.20	0 - 00:02 hrs
566	☐	SWMH-J4-002	3.61	42.95	Flow Link Cro	3.46	0 - 00:11 hrs	0.00	25.69	0.00	2.14	9,209.27	0.00	0.00	0.00	0.00	0.00	0.00	0 - 00:00 hrs
567	☐	SWMH-J4-004	5.04	44.96	w Maximum	1.04	0 - 00:09 hrs	0.00	11.85	0.00	2.05	1,662.74	47.41	2.54	1.04	0.00	0.00	0.00	0 - 00:00 hrs
568	☐	SWMH-J4-005	4.26	44.74	Surcharged	0.00	0 - 00:09 hrs	0.00	16.35	0.00	2.16	714.08	46.08	2.26	0.00	0.13	1.33	4.53	0 - 10:12 hrs
569	☐	SWMH-J4-007	1.53	43.68	Flow Link Cro	11.32	0 - 10:04 hrs	0.00	30.23	0.00	1.43	67.12	0.00	0.00	0.00	0.00	0.00	0.00	0 - 00:00 hrs
570	☐	SWMH-J4-013	6.16	49.36	w Maximum	0.74	0 - 10:00 hrs	0.00	16.35	0.00	2.15	19.08	4.55	4.66	0.74	0.00	0.00	0.00	0 - 00:00 hrs
571	☐	SWMH-J4-014	4.55	50.26	w Maximum	0.00	0 - 09:48 hrs	45.02	45.02	2.41	2.41	0.00	2.75	3.05	0.00	0.26	0.87	28.67	0 - 10:03 hrs
572	☐	SWMH-J5-001	9.50	47.69	Surcharged	0.00	0 - 00:05 hrs	20.63	122.09	1.30	12.08	8,672.64	4.01	4.50	0.00	0.00	0.00	19.54	0 - 00:05 hrs
573	☐	SWMH-J5-002	7.35	50.31	Surcharged	0.00	0 - 09:55 hrs	30.91	106.05	1.50	9.73	557.74	1.18	3.35	0.00	0.00	0.00	12.86	0 - 09:55 hrs
574	☐	SWMH-J5-003	8.55	47.76	w Maximum	0.00	0 - 09:55 hrs	0.00	106.05	0.00	9.78	1,491.89	1.72	2.38	0.00	0.10	0.32	18.85	0 - 10:03 hrs
575	☐	SWMH-J5-004	6.55	49.77	Surcharged	0.00	0 - 09:52 hrs	20.67	20.67	0.94	0.94	0.00	1.72	4.55	0.00	0.00	0.05	0.37	0 - 09:59 hrs
576	☐	SWMH-J5-005	6.65	49.58	w Maximum	0.00	0 - 09:52 hrs	0.00	20.41	0.00	0.94	-101.09	1.83	4.65	0.00	0.02	0.24	5.93	0 - 10:03 hrs
577	☐	SWMH-J7-001	8.05	67.40	w Maximum	0.00	0 - 10:00 hrs	12.60	164.16	0.45	12.93	1,469.66	0.50	3.55	0.00	0.00	0.00	16.10	0 - 10:00 hrs
578	☐	SWMH-J7-002	10.40	78.17	Surcharged	0.00	0 - 09:56 hrs	52.64	87.38	2.70	5.96	20.42	0.73	3.29	0.00	0.00	0.02	12.02	0 - 09:56 hrs
579	☐	SWMH-J7-003	6.98	83.45	w Maximum	0.00	0 - 09:56 hrs	0.00	49.18	0.00	3.35	174.14	1.25	4.65	0.00	0.08	0.33	14.48	0 - 09:59 hrs
580	☐	SWMH-J7-005	6.75	44.32	Surcharged	0.00	0 - 00:00 hrs	0.00	119.57	0.00	8.91	2,710.60	47.97	2.70	0.00	0.16	0.31	89.33	0 - 00:00 hrs
581	☐	SWMH-J7-006	2.16	57.77	Flow Link Cro	13.99	0 - 10:03 hrs	0.00	119.66	0.00	8.88	247.61	0.00	0.00	0.00	0.00	0.00	0.00	0 - 00:00 hrs
582	☐	SWMH-J7-007	2.14	64.32	Flow Link Cro	15.91	0 - 10:00 hrs	14.56	120.25	0.57	8.88	82.00	0.00	0.00	0.00	0.00	0.00	0.00	0 - 00:00 hrs
583	☐	SWMH-J7-008	3.22	69.76	Flow Link Cro	15.75	0 - 10:07 hrs	0.00	110.17	0.00	8.32	495.41	0.00	0.00	0.00	0.00	0.00	0.00	0 - 00:00 hrs
584	☐	SWMH-J7-009	9.70	87.18	w Maximum	0.00	0 - 10:03 hrs	9.59	112.71	0.38	8.32	180.00	0.25	6.70	0.00	0.00	0.00	3.66	0 - 10:03 hrs
585	☐	SWMH-J7-014	10.35	77.82	w Maximum	0.00	0 - 09:56 hrs	0.00	87.38	0.00	5.96	400.22	1.01	6.70	0.00	0.06	0.23	18.88	0 - 10:03 hrs
586	☐	SWMH-J7-015	5.45	83.96	w Maximum	0.00	0 - 09:56 hrs	0.00	7.72	0.00	0.00	0.00	1.09	3.95	0.00	0.00	0.00	6.71	0 - 09:56 hrs
587	☐	SWMH-J8-001	9.68	94.88	w Maximum	0.00	0 - 09:56 hrs	0.00	33.96	0.00	2.17	58.66	0.87	7.30	0.00	0.00	0.00	13.51	0 - 09:56 hrs
588	☐	SWMH-J8-002	9.05	95.18	w Maximum	0.00	0 - 09:56 hrs	0.00	34.45	0.00	2.17	153.07	0.87	6.80	0.00	0.00	0.00	1.69	0 - 09:56 hrs

FUTURE CONDITIONS 5-YR 24-HR JUNCTIONS

		ID	Maximum Depth (ft)	Maximum HGL (ft)	Maximum HGL Head Class	Freeboard (ft)	Max.Depth Day-Time (day-time)	Maximum Lateral Inflow (cfs)	Maximum Total Inflow (cfs)	Lateral Inflow Volume (MG)	Total Inflow Volume (MG)	Flow Volume Difference (MG)	Total Surcharge Time (hrs)	Max.Surchar ge Height Above Crown	Min.Surchar ge Depth Below Rim (ft)	Total Flood Volume (MG)	Total Flood Time (hrs)	Maximum Flood Rate (cfs)	Max.Flood Day-Time (day-time)
589	☐	SWMH-J8-003	6.80	97.23	w Maximum	0.00	0 - 09:56 hrs	30.07	39.44	1.50	2.20	190.20	0.88	4.55	0.00	0.00	0.01	3.31	0 - 09:56 hrs
590	☐	SWMH-J8-004	5.15	96.60	w Maximum	0.00	0 - 09:56 hrs	17.39	23.38	0.79	0.81	0.00	0.74	2.90	0.00	0.12	0.33	23.38	0 - 10:03 hrs
591	☐	SWMH-J8-005	7.48	97.20	w Maximum	0.37	0 - 09:59 hrs	20.04	36.24	0.96	3.10	40.75	1.87	3.78	0.37	0.00	0.00	0.00	0 - 00:00 hrs
592	☐	SWMH-J8-006	3.31	88.36	low Link Cro	4.89	0 - 10:07 hrs	19.23	96.68	0.88	7.55	248.27	0.00	0.00	0.00	0.00	0.00	0.00	0 - 00:00 hrs
593	☐	SWMH-J8-007	2.13	98.07	low Link Cro	7.72	0 - 10:06 hrs	0.00	42.90	0.00	5.00	305.30	0.00	0.00	0.00	0.00	0.00	0.00	0 - 00:00 hrs
594	☐	SWMH-J8-008	2.41	98.62	low Link Cro	8.34	0 - 10:07 hrs	0.00	27.83	0.00	4.32	360.93	0.00	0.00	0.00	0.00	0.00	0.00	0 - 00:00 hrs
595	☐	SWMH-J8-011	1.65	105.93	low Link Cro	6.05	0 - 09:59 hrs	15.77	15.77	0.68	0.68	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0 - 00:00 hrs
596	☐	SWMH-J8-012	7.65	108.00	Surcharged	0.00	0 - 09:48 hrs	9.06	41.23	0.34	2.13	164.01	2.47	5.15	0.00	0.06	0.29	10.81	0 - 09:59 hrs
597	☐	SWMH-J8-013	10.70	112.94	Surcharged	0.00	0 - 09:48 hrs	38.81	38.81	1.81	1.81	0.00	2.20	8.45	0.00	0.02	0.18	6.63	0 - 10:03 hrs
598	☐	SWMH-J8-014	6.20	98.12	Surcharged	0.00	0 - 09:56 hrs	0.00	7.36	0.00	0.00	0.00	0.71	4.45	0.00	0.00	0.01	6.95	0 - 09:56 hrs
599	☐	SWMH-J8-015	5.90	97.07	w Maximum	0.00	0 - 09:56 hrs	0.00	7.31	0.00	0.02	-3.38	0.82	4.15	0.00	0.00	0.02	4.09	0 - 09:57 hrs
600	☐	SWMH-J8-020	1.19	104.44	low Link Cro	5.61	0 - 09:59 hrs	0.00	15.57	0.00	0.68	39.98	0.00	0.00	0.00	0.00	0.00	0.00	0 - 00:00 hrs
601	☐	SWMH-J9-001	10.35	121.21	w Maximum	0.00	0 - 09:55 hrs	0.00	95.54	0.00	9.05	1,032.33	2.18	6.85	0.00	0.09	0.27	21.76	0 - 09:59 hrs
602	☐	SWMH-J9-002	10.40	122.73	Surcharged	0.00	0 - 09:53 hrs	0.00	34.92	0.00	3.71	-62.40	1.89	6.40	0.00	0.00	0.01	12.51	0 - 09:53 hrs
603	☐	SWMH-J9-003	10.72	125.71	Surcharged	-5.00	0 - 09:53 hrs	7.57	34.28	0.28	3.12	584.34	1.62	7.72	0.00	0.00	0.00	28.68	0 - 09:53 hrs
604	☐	SWMH-J9-004	12.14	129.32	Surcharged	-5.00	0 - 09:55 hrs	11.55	35.64	0.46	2.84	154.79	1.27	9.14	0.00	0.00	0.00	24.07	0 - 09:55 hrs
605	☐	SWMH-J9-005	8.00	125.18	Surcharged	0.00	0 - 09:55 hrs	0.00	27.66	0.00	2.48	126.40	2.08	5.60	0.00	0.10	0.45	18.19	0 - 09:55 hrs
606	☐	SWMH-J9-006	7.50	128.36	w Maximum	0.00	0 - 09:55 hrs	13.88	32.89	0.59	2.52	23.90	1.49	5.20	0.00	0.04	0.32	8.85	0 - 09:59 hrs
607	☐	SWMH-J9-007	7.15	129.81	w Maximum	0.00	0 - 09:52 hrs	0.00	19.81	0.00	1.93	-21.54	1.34	4.90	0.00	0.00	0.00	3.61	0 - 09:52 hrs
608	☐	SWMH-J9-008	6.61	135.33	w Maximum	1.04	0 - 09:55 hrs	0.00	22.06	0.00	1.93	48.01	1.08	4.41	1.04	0.00	0.00	0.00	0 - 00:00 hrs
609	☐	SWMH-J9-009	11.23	131.44	Surcharged	0.00	0 - 09:52 hrs	0.00	23.51	0.00	3.12	151.78	1.64	9.23	0.00	0.00	0.00	0.84	0 - 09:52 hrs
610	☐	SWMH-J9-010	8.82	122.84	w Maximum	0.00	0 - 09:53 hrs	0.00	14.38	0.00	0.60	6.58	1.97	6.82	0.00	0.00	0.00	11.38	0 - 09:53 hrs
611	☐	SWMH-J9-011	7.65	130.59	Surcharged	0.00	0 - 09:52 hrs	0.00	13.50	0.00	2.34	-17.71	2.72	5.65	0.00	0.03	0.43	3.20	0 - 10:07 hrs
612	☐	SWMH-J9-013	12.07	123.57	Surcharged	-2.32	0 - 09:59 hrs	31.90	63.83	1.36	5.35	168.83	2.45	9.57	0.00	0.00	0.00	0.00	0 - 00:00 hrs
613	☐	SWMH-J9-014	6.80	122.45	Surcharged	0.00	0 - 09:53 hrs	15.79	15.79	0.69	0.69	0.00	1.63	4.80	0.00	0.09	0.42	14.91	0 - 09:59 hrs
614	☐	SWMH-J9-028	7.50	137.15	w Maximum	0.00	0 - 09:42 hrs	0.00	13.50	0.00	2.34	638.74	3.87	5.80	0.00	0.00	0.05	0.21	0 - 09:42 hrs
615	☐	SWMH-J9-029	8.05	135.88	w Maximum	0.00	0 - 09:42 hrs	0.00	13.50	0.00	2.33	-487.57	4.01	6.55	0.00	0.00	0.00	1.40	0 - 09:42 hrs
616	☐	SWMH-J9-030	8.07	133.40	Surcharged	0.00	0 - 09:52 hrs	0.00	13.49	0.00	2.34	99.00	4.09	6.57	0.00	0.00	0.00	0.07	0 - 09:52 hrs
617	☐	SWMH-J9-032	7.60	130.53	w Maximum	0.00	0 - 09:52 hrs	0.00	13.58	0.00	2.31	-16.35	1.59	5.60	0.00	0.01	0.36	1.51	0 - 09:56 hrs
618	☐	SWMH-J9-033	8.05	130.38	Surcharged	0.00	0 - 09:52 hrs	19.82	25.62	0.89	3.18	72.11	1.54	6.05	0.00	0.06	0.31	13.25	0 - 09:59 hrs
619	☐	SWMH-J9-035	6.35	136.15	w Maximum	0.00	0 - 09:51 hrs	35.64	35.64	1.79	1.79	0.00	3.39	4.60	0.00	0.19	0.61	24.98	0 - 10:03 hrs
620	☐	SWMH-J9-036	7.50	138.69	Surcharged	0.00	0 - 09:56 hrs	8.66	8.66	0.34	0.34	0.00	0.62	6.00	0.00	0.00	0.00	1.76	0 - 09:56 hrs
621	☐	SWMH-J9-039	6.96	139.23	Surcharged	0.00	0 - 09:42 hrs	55.67	55.67	2.88	2.87	0.00	3.79	5.46	0.00	0.54	1.36	45.18	0 - 10:03 hrs
622	☐	SWMH-K2-001	14.60	45.00	w Maximum	0.00	0 - 00:00 hrs	0.00	264.14	0.00	6.80	3,403.11	47.98	10.10	0.00	0.00	0.00	132.76	0 - 00:00 hrs
623	☐	SWMH-K2-002	16.20	47.00	w Maximum	0.00	0 - 00:01 hrs	0.00	193.01	0.00	6.80	4,251.59	47.97	11.70	0.00	0.00	0.00	106.17	0 - 00:01 hrs
624	☐	SWMH-K2-004	10.24	41.81	w Maximum	6.06	0 - 00:05 hrs	23.82	108.97	1.21	6.68	0.00	47.84	5.74	6.06	0.00	0.00	0.00	0 - 00:00 hrs
625	☐	SWMH-K2-005	11.31	42.85	w Maximum	6.06	0 - 00:05 hrs	0.00	90.35	0.00	5.44	5,685.01	47.83	6.48	6.06	0.00	0.00	0.00	0 - 00:00 hrs
626	☐	SWMH-K2-006	10.71	42.24	w Maximum	6.71	0 - 09:57 hrs	0.00	87.87	0.00	5.39	5,452.65	47.83	6.21	6.71	0.00	0.00	0.00	0 - 00:00 hrs
627	☐	SWMH-K2-009	5.61	42.35	w Maximum	4.54	0 - 09:57 hrs	0.00	16.80	0.00	2.50	2,081.58	1.83	2.86	4.54	0.00	0.00	0.00	0 - 00:00 hrs
628	☐	SWMH-K2-011	7.34	45.18	w Maximum	3.41	0 - 09:57 hrs	0.00	16.79	0.00	2.48	527.34	4.31	5.31	3.41	0.00	0.00	0.00	0 - 00:00 hrs
629	☐	SWMH-K2-012	10.21	43.86	w Maximum	3.59	0 - 00:07 hrs	13.97	65.97	0.63	2.82	4,390.30	47.70	6.31	3.59	0.00	0.00	0.00	0 - 00:00 hrs
630	☐	SWMH-K2-013	15.95	47.12	w Maximum	0.00	0 - 00:02 hrs	0.00	137.07	0.00	6.76	11,972.25	47.91	11.45	0.00	0.00	0.00	61.36	0 - 00:02 hrs
631	☐	SWMH-K2-016	9.41	42.69	w Maximum	5.39	0 - 09:57 hrs	0.00	67.25	0.00	2.84	3,499.67	47.77	5.66	5.39	0.00	0.00	0.00	0 - 00:00 hrs
632	☐	SWMH-K3-002	2.97	42.47	low Link Cro	7.45	0 - 00:03 hrs	0.00	73.27	0.00	2.41	3,652.18	0.00	0.00	0.00	0.00	0.00	0.00	0 - 00:00 hrs
633	☐	SWMH-K3-003	9.36	47.58	Surcharged	0.00	0 - 09:47 hrs	36.55	47.67	1.93	2.85	424.45	4.50	6.79	0.00	0.37	0.96	33.21	0 - 10:03 hrs
634	☐	SWMH-K3-004	4.31	43.14	w Maximum	3.99	0 - 09:59 hrs	0.00	35.75	0.00	5.94	0.00	3.38	1.81	3.99	0.00	0.00	0.00	0 - 00:00 hrs
635	☐	SWMH-K3-005	6.03	46.38	w Maximum	0.35	0 - 09:59 hrs	15.65	17.65	0.72	1.24	108.79	3.63	3.78	0.35	0.00	0.00	0.00	0 - 00:00 hrs
636	☐	SWMH-K3-006	7.26	47.23	w Maximum	0.49	0 - 09:59 hrs	0.00	21.65	0.00	4.69	195.61	5.57	4.71	0.49	0.00	0.00	0.00	0 - 00:00 hrs
637	☐	SWMH-K3-007	6.85	47.55	w Maximum	0.65	0 - 10:00 hrs	0.00	21.47	0.00	4.69	204.48	4.76	4.35	0.65	0.00	0.00	0.00	0 - 00:00 hrs

FUTURE CONDITIONS 5-YR 24-HR JUNCTIONS

		ID	Maximum Depth (ft)	Maximum HGL (ft)	Maximum HGL Head Class	Freeboard (ft)	Max.Depth Day-Time (day-time)	Maximum Lateral Inflow (cfs)	Maximum Total Inflow (cfs)	Lateral Inflow Volume (MG)	Total Inflow Volume (MG)	Flow Volume Difference (MG)	Total Surcharge Time (hrs)	Max.Surchar ge Height Above Crown	Min.Surchar ge Depth Below Rim (ft)	Total Flood Volume (MG)	Total Flood Time (hrs)	Maximum Flood Rate (cfs)	Max.Flood Day-Time (day-time)
638	☐	SWMH-K3-008	1.66	40.96	Flow Link Croy	6.34	0 - 00:02 hrs	0.00	36.41	0.00	1.59	391.39	0.00	0.00	0.00	0.00	0.00	0.00	0 - 00:00 hrs
639	☐	SWMH-K3-009	2.61	41.48	Flow Link Croy	5.84	0 - 09:59 hrs	0.00	36.38	0.00	1.60	733.87	0.00	0.00	0.00	0.00	0.00	0.00	0 - 00:00 hrs
640	☐	SWMH-K3-010	2.66	42.53	Flow Link Croy	4.66	0 - 09:59 hrs	0.00	36.45	0.00	1.58	93.18	0.00	0.00	0.00	0.00	0.00	0.00	0 - 00:00 hrs
641	☐	SWMH-K3-011	6.17	46.63	w Maximum D	3.95	0 - 09:59 hrs	0.00	36.39	0.00	1.57	391.82	0.73	3.50	3.95	0.00	0.00	0.00	0 - 00:00 hrs
642	☐	SWMH-K3-012	5.10	42.03	w Maximum D	3.10	0 - 00:00 hrs	0.00	36.16	0.00	5.94	758.43	2.60	1.60	3.10	0.00	0.00	0.00	0 - 00:00 hrs
643	☐	SWMH-K3-018	6.85	47.44	Surcharged	0.00	0 - 00:01 hrs	11.89	11.89	0.48	0.48	0.00	0.39	4.80	0.00	0.00	0.00	6.90	0 - 00:01 hrs
644	☐	SWMH-K3-019	9.89	46.91	w Maximum D	2.41	0 - 00:00 hrs	0.00	39.63	0.00	0.50	733.65	47.99	7.59	2.41	0.00	0.00	0.00	0 - 00:00 hrs
645	☐	SWMH-K3-020	6.42	46.18	w Maximum D	1.78	0 - 00:01 hrs	0.00	22.63	0.00	0.49	453.90	0.96	4.22	1.78	0.00	0.00	0.00	0 - 00:00 hrs
646	☐	SWMH-K3-022	8.38	47.92	w Maximum D	0.00	0 - 09:49 hrs	20.39	20.39	0.97	0.97	0.00	4.01	6.63	0.00	0.05	0.42	9.27	0 - 10:03 hrs
647	☐	SWMH-K3-024	3.35	43.47	w Maximum D	4.95	0 - 09:59 hrs	0.00	36.40	0.00	1.58	77.00	0.32	0.55	4.95	0.00	0.00	0.00	0 - 00:00 hrs
648	☐	SWMH-K3-025	6.82	47.69	w Maximum D	0.58	0 - 10:02 hrs	0.00	21.40	0.00	4.69	191.80	4.63	4.32	0.58	0.00	0.00	0.00	0 - 00:00 hrs
649	☐	SWMH-K3-091	9.47	45.16	w Maximum D	0.00	0 - 00:01 hrs	0.00	184.08	0.00	2.48	3,337.94	47.96	5.47	0.00	0.02	0.01	167.13	0 - 00:01 hrs
650	☐	SWMH-K4-001	2.78	42.64	Flow Link Croy	14.86	0 - 10:07 hrs	0.00	47.55	0.00	2.38	1,261.31	0.00	0.00	0.00	0.00	0.00	0.00	0 - 00:00 hrs
651	☐	SWMH-K4-002	3.01	43.22	Flow Link Croy	8.19	0 - 10:06 hrs	0.00	47.57	0.00	2.37	511.01	0.00	0.00	0.00	0.00	0.00	0.00	0 - 00:00 hrs
652	☐	SWMH-K4-006	9.37	45.13	w Maximum D	1.33	0 - 00:02 hrs	14.80	75.61	0.63	6.01	828.54	47.93	5.68	1.33	0.00	0.00	0.00	0 - 00:00 hrs
653	☐	SWMH-K4-007	11.20	46.42	Surcharged	0.00	0 - 00:01 hrs	0.00	94.11	0.00	6.04	5,732.31	47.94	7.65	0.00	0.00	0.00	34.17	0 - 00:01 hrs
654	☐	SWMH-K4-008	9.24	45.58	w Maximum D	1.99	0 - 00:02 hrs	0.00	68.57	0.00	5.38	2,943.81	47.90	5.74	1.99	0.00	0.00	0.00	0 - 00:00 hrs
655	☐	SWMH-K4-009	9.08	46.76	w Maximum D	1.37	0 - 00:06 hrs	0.00	44.82	0.00	5.32	2,338.60	47.79	5.58	1.37	0.00	0.00	0.00	0 - 00:00 hrs
656	☐	SWMH-K6-001	14.92	64.09	w Maximum D	6.63	0 - 09:59 hrs	0.00	79.19	0.00	6.43	349.33	0.79	11.91	6.63	0.00	0.00	0.00	0 - 00:00 hrs
657	☐	SWMH-K6-002	18.15	72.32	Surcharged	0.00	0 - 09:59 hrs	0.00	83.15	0.00	6.43	113.43	0.66	15.15	0.00	0.00	0.00	11.77	0 - 09:59 hrs
658	☐	SWMH-K6-011	13.30	60.19	Surcharged	0.00	0 - 09:59 hrs	12.99	90.88	0.51	6.93	391.70	0.75	9.95	0.00	0.00	0.00	9.82	0 - 09:59 hrs
659	☐	SWMH-K6-013	12.10	54.85	Surcharged	0.00	0 - 09:59 hrs	0.00	90.88	0.00	6.93	481.87	0.88	9.00	0.00	0.00	0.00	15.18	0 - 09:59 hrs
660	☐	SWMH-K7-001	6.36	84.01	w Maximum D	0.44	0 - 09:53 hrs	0.00	41.38	0.00	3.96	148.12	1.38	3.66	0.44	0.00	0.00	0.00	0 - 00:00 hrs
661	☐	SWMH-K7-003	8.45	71.64	w Maximum D	0.00	0 - 10:00 hrs	0.00	65.89	0.00	5.39	6.46	0.40	5.30	0.00	0.00	0.00	10.03	0 - 10:00 hrs
662	☐	SWMH-K7-004	2.17	75.81	Flow Link Croy	2.19	0 - 10:04 hrs	0.00	66.23	0.00	5.39	241.37	0.00	0.00	0.00	0.00	0.00	0.00	0 - 00:00 hrs
663	☐	SWMH-K7-005	4.50	79.92	w Maximum D	0.00	0 - 09:56 hrs	29.84	66.23	1.43	5.39	157.39	1.46	2.00	0.00	0.00	0.11	2.38	0 - 09:59 hrs
664	☐	SWMH-K7-006	5.56	84.77	w Maximum D	0.94	0 - 10:02 hrs	0.00	31.97	0.00	3.15	159.90	1.50	3.06	0.94	0.00	0.00	0.00	0 - 00:00 hrs
665	☐	SWMH-K7-007	5.23	87.51	Surcharged	0.00	0 - 09:52 hrs	0.00	16.58	0.00	1.38	62.30	1.56	2.98	0.00	0.00	0.01	9.49	0 - 09:52 hrs
666	☐	SWMH-K7-008	5.12	87.96	w Maximum D	0.00	0 - 09:52 hrs	0.00	16.59	0.00	1.43	98.29	1.70	3.12	0.00	0.05	0.61	3.78	0 - 09:53 hrs
667	☐	SWMH-K7-009	5.72	89.21	w Maximum D	0.00	0 - 09:52 hrs	0.00	16.58	0.00	1.45	110.64	1.72	3.72	0.00	0.03	0.51	2.06	0 - 10:08 hrs
668	☐	SWMH-K7-012	8.41	62.00	w Maximum D	0.00	0 - 09:59 hrs	24.94	184.68	1.09	14.01	971.32	0.51	3.41	0.00	0.00	0.00	4.69	0 - 09:59 hrs
669	☐	SWMH-K7-013	10.60	89.34	Surcharged	0.00	0 - 09:56 hrs	25.19	49.19	1.18	3.35	146.90	1.14	7.80	0.00	0.00	0.00	4.19	0 - 09:56 hrs
670	☐	SWMH-K7-015	1.96	82.58	Flow Link Croy	3.84	0 - 10:03 hrs	15.81	80.76	0.71	6.59	288.24	0.00	0.00	0.00	0.00	0.00	0.00	0 - 00:00 hrs
671	☐	SWMH-K7-018	3.70	85.44	w Maximum D	1.05	0 - 10:02 hrs	0.00	66.75	0.00	5.88	208.36	0.10	0.19	1.05	0.00	0.00	0.00	0 - 00:00 hrs
672	☐	SWMH-K7-019	3.43	84.60	Flow Link Croy	1.37	0 - 10:02 hrs	0.00	65.95	0.00	5.88	205.32	0.00	0.00	0.00	0.00	0.00	0.00	0 - 00:00 hrs
673	☐	SWMH-K7-022	6.00	90.89	w Maximum D	0.00	0 - 10:00 hrs	17.90	71.00	0.84	5.89	-78.58	0.41	2.50	0.00	0.00	0.00	1.06	0 - 10:00 hrs
674	☐	SWMH-K7-023	4.75	83.29	Surcharged	0.00	0 - 09:55 hrs	18.36	18.36	0.85	0.85	76.83	1.09	2.00	0.00	0.03	0.23	7.42	0 - 09:55 hrs
675	☐	SWMH-K8-001	6.67	90.76	Surcharged	0.00	0 - 09:52 hrs	29.37	29.37	1.53	1.53	0.00	1.75	4.67	0.00	0.08	0.44	13.05	0 - 10:03 hrs
676	☐	SWMH-K8-002	8.99	103.21	Surcharged	-3.09	0 - 09:59 hrs	20.32	38.05	0.95	4.53	107.98	2.88	6.49	0.00	0.00	0.00	0.00	0 - 00:00 hrs
677	☐	SWMH-K8-003	8.68	103.52	Surcharged	-1.39	0 - 10:04 hrs	0.00	29.24	0.00	3.58	-199.73	2.81	6.18	0.00	0.00	0.00	0.00	0 - 00:00 hrs
678	☐	SWMH-K8-004	8.23	103.73	Surcharged	0.00	0 - 09:52 hrs	0.00	37.39	0.00	3.79	56.68	2.75	5.70	0.00	0.21	0.63	19.72	0 - 10:03 hrs
679	☐	SWMH-K8-005	9.55	106.30	Surcharged	0.00	0 - 09:52 hrs	0.00	37.40	0.00	3.79	74.82	2.39	6.95	0.00	0.00	0.00	5.48	0 - 09:52 hrs
680	☐	SWMH-K8-006	6.35	94.51	w Maximum D	1.65	0 - 09:56 hrs	0.00	28.40	0.00	3.00	584.61	1.93	3.60	1.65	0.00	0.00	0.00	0 - 00:00 hrs
681	☐	SWMH-K8-008	5.80	97.39	w Maximum D	0.00	0 - 09:52 hrs	0.00	21.67	0.00	2.14	58.63	1.61	3.10	0.00	0.00	0.00	4.12	0 - 09:52 hrs
682	☐	SWMH-K8-009	5.50	97.38	w Maximum D	0.00	0 - 09:52 hrs	16.69	23.64	0.77	2.17	156.35	1.67	3.00	0.00	0.03	0.23	7.43	0 - 09:59 hrs
683	☐	SWMH-K8-010	5.20	97.64	Surcharged	0.00	0 - 09:52 hrs	0.00	14.83	0.00	1.40	96.21	1.61	2.95	0.00	0.00	0.01	6.97	0 - 09:52 hrs
684	☐	SWMH-K8-011	5.00	98.25	w Maximum D	0.00	0 - 09:52 hrs	0.00	15.59	0.00	1.39	-0.33	1.43	2.75	0.00	0.00	0.00	8.10	0 - 09:52 hrs
685	☐	SWMH-K8-012	5.25	91.59	w Maximum D	0.00	0 - 09:55 hrs	0.00	29.10	0.00	2.06	395.40	0.91	2.75	0.00	0.00	0.00	4.40	0 - 09:55 hrs
686	☐	SWMH-K8-013	4.93	91.99	w Maximum D	0.00	0 - 09:55 hrs	18.08	29.10	0.86	2.07	131.76	0.99	2.43	0.00	0.01	0.14	3.99	0 - 10:03 hrs

FUTURE CONDITIONS 5-YR 24-HR JUNCTIONS

		ID	Maximum Depth (ft)	Maximum HGL (ft)	Maximum HGL Head Class	Freeboard (ft)	Max.Depth Day-Time (day-time)	Maximum Lateral Inflow (cfs)	Maximum Total Inflow (cfs)	Lateral Inflow Volume (MG)	Total Inflow Volume (MG)	Flow Volume Difference (MG)	Total Surcharge Time (hrs)	Max.Surchar ge Height Above Crown (ft)	Min.Surchar ge Depth Below Rim (ft)	Total Flood Volume (MG)	Total Flood Time (hrs)	Maximum Flood Rate (cfs)	Max.Flood Day-Time (day-time)
687	☐	SWMH-K8-014	4.74	92.29	Surcharged	0.00	0 - 09:55 hrs	0.00	17.61	0.00	1.21	72.07	0.89	2.24	0.00	0.00	0.00	3.09	0 - 09:55 hrs
688	☐	SWMH-K8-015	5.88	104.07	w Maximum	1.12	0 - 09:59 hrs	23.93	43.55	1.20	4.47	598.04	3.22	2.83	1.12	0.00	0.00	0.00	0 - 00:00 hrs
689	☐	SWMH-K8-017	6.40	105.21	Surcharged	0.00	0 - 09:51 hrs	34.95	34.95	1.79	1.78	0.00	3.28	3.90	0.00	0.08	0.39	15.32	0 - 10:03 hrs
690	☐	SWMH-K8-018	10.45	107.89	w Maximum	0.00	0 - 09:56 hrs	0.00	37.42	0.00	3.79	79.20	2.39	7.90	0.00	0.00	0.02	0.03	0 - 10:07 hrs
691	☐	SWMH-K8-019	4.32	98.35	w Maximum	0.00	0 - 09:51 hrs	31.45	31.45	1.61	1.61	0.00	2.48	2.57	0.00	0.22	0.70	24.49	0 - 10:03 hrs
692	☐	SWMH-K8-021	5.75	95.82	Surcharged	0.00	0 - 09:52 hrs	0.00	4.29	0.00	0.00	0.00	1.55	4.25	0.00	0.00	0.00	2.70	0 - 09:52 hrs
693	☐	SWMH-K8-024	4.80	103.78	w Maximum	0.00	0 - 09:48 hrs	0.00	45.67	0.00	2.20	-438.91	3.11	2.30	0.00	0.63	1.08	45.67	0 - 10:03 hrs
694	☐	SWMH-K9-001	10.65	108.29	Surcharged	0.00	0 - 09:56 hrs	0.00	37.42	0.00	3.79	-43.36	2.38	8.10	0.00	0.00	0.07	0.07	0 - 10:18 hrs
695	☐	SWMH-K9-002	10.70	108.50	Surcharged	0.00	0 - 09:53 hrs	26.28	70.39	1.24	4.00	151.85	2.05	7.35	0.00	0.21	0.44	33.03	0 - 10:03 hrs
696	☐	SWMH-K9-006	8.94	115.30	Surcharged	0.00	0 - 09:55 hrs	25.93	25.93	1.20	1.20	0.00	0.83	6.94	0.00	0.02	0.20	5.61	0 - 10:03 hrs
697	☐	SWMH-K9-011	8.87	114.00	w Maximum	0.00	0 - 09:56 hrs	0.00	20.31	0.00	1.18	-375.64	0.91	6.87	0.00	0.01	0.23	1.33	0 - 10:07 hrs
698	☐	SWMH-K9-012	8.91	113.50	w Maximum	0.00	0 - 09:56 hrs	12.36	31.35	0.50	1.67	87.44	0.97	6.91	0.00	0.06	0.29	11.83	0 - 09:59 hrs
699	☐	SWMH-K9-016	9.12	111.00	w Maximum	0.18	0 - 10:03 hrs	0.00	29.40	0.00	1.61	125.45	1.00	6.62	0.18	0.00	0.00	0.00	0 - 00:00 hrs
700	☐	SWMH-K9-018	1.70	118.08	low Link Cro	8.60	0 - 10:04 hrs	0.00	39.76	0.00	2.46	60.47	0.00	0.00	0.00	0.00	0.00	0.00	0 - 00:00 hrs
701	☐	SWMH-K9-019	2.50	114.75	low Link Cro	8.31	0 - 10:06 hrs	7.67	46.39	0.30	2.76	1,606.59	0.00	0.00	0.00	0.00	0.00	0.00	0 - 00:00 hrs
702	☐	SWMH-K9-020	13.73	121.76	Surcharged	-2.49	0 - 09:57 hrs	0.00	44.43	0.00	2.75	-423.35	0.41	10.73	0.00	0.00	0.00	0.00	0 - 00:00 hrs
703	☐	SWMH-K9-021	15.91	119.64	Surcharged	-5.00	0 - 09:56 hrs	0.00	44.44	0.00	2.75	-746.07	1.24	12.91	0.00	0.00	0.00	15.71	0 - 09:56 hrs
704	☐	SWMH-L1-001	8.61	40.23	w Maximum	0.00	0 - 09:53 hrs	14.25	29.21	0.66	4.65	6,212.40	30.04	5.11	0.00	0.03	0.23	7.30	0 - 09:59 hrs
705	☐	SWMH-L1-002	8.39	40.71	w Maximum	0.61	0 - 09:59 hrs	0.00	20.54	0.00	4.07	4,779.84	29.80	4.89	0.61	0.00	0.00	0.00	0 - 00:00 hrs
706	☐	SWMH-L1-003	8.01	40.90	w Maximum	0.42	0 - 09:59 hrs	20.54	20.54	0.99	0.99	0.00	13.43	4.51	0.42	0.00	0.00	0.00	0 - 00:00 hrs
707	☐	SWMH-L2-001	6.63	45.00	w Maximum	0.00	0 - 09:25 hrs	45.39	66.89	2.29	4.17	518.09	8.24	4.13	0.00	0.82	1.82	51.49	0 - 10:03 hrs
708	☐	SWMH-L2-002	6.65	45.71	Surcharged	0.00	0 - 09:53 hrs	19.44	26.19	0.94	1.90	2.86	7.44	4.15	0.00	0.02	0.25	4.69	0 - 10:03 hrs
709	☐	SWMH-L2-003	5.88	46.13	w Maximum	0.00	0 - 09:26 hrs	0.00	9.05	0.00	0.98	280.69	6.15	3.82	0.00	0.02	0.64	2.29	0 - 10:07 hrs
710	☐	SWMH-L2-004	5.64	46.68	w Maximum	0.00	0 - 09:42 hrs	0.00	9.05	0.00	0.98	14.12	5.56	3.54	0.00	0.00	0.24	0.08	0 - 09:49 hrs
711	☐	SWMH-L2-005	5.20	47.14	w Maximum	0.00	0 - 09:42 hrs	0.00	12.26	0.00	1.02	195.07	4.68	3.10	0.00	0.04	0.61	3.21	0 - 10:11 hrs
712	☐	SWMH-L2-006	8.95	43.55	w Maximum	7.34	0 - 09:57 hrs	0.00	38.97	0.00	2.16	3,883.58	47.59	5.45	7.34	0.00	0.00	0.00	0 - 00:00 hrs
713	☐	SWMH-L2-007	7.75	44.98	w Maximum	0.00	0 - 09:52 hrs	17.37	28.00	0.84	1.99	926.08	1.00	4.25	0.00	0.00	0.00	6.73	0 - 09:52 hrs
714	☐	SWMH-L2-008	5.70	44.62	w Maximum	0.00	0 - 09:52 hrs	23.55	23.55	1.19	1.19	0.00	1.25	3.70	0.00	0.06	0.32	13.10	0 - 10:03 hrs
715	☐	SWMH-L2-012	6.30	44.50	w Maximum	0.00	0 - 09:52 hrs	0.00	15.91	0.00	1.13	33.51	1.41	4.25	0.00	0.00	0.00	2.61	0 - 09:52 hrs
716	☐	SWMH-L3-001	3.36	43.71	low Link Cro	8.34	0 - 10:07 hrs	17.96	48.47	0.82	2.35	940.21	0.00	0.00	0.00	0.00	0.00	0.00	0 - 00:00 hrs
717	☐	SWMH-L3-002	2.85	43.93	low Link Cro	7.75	0 - 10:06 hrs	0.00	1.50	0.00	0.02	53.48	0.00	0.00	0.00	0.00	0.00	0.00	0 - 00:00 hrs
718	☐	SWMH-L3-003	3.91	43.91	low Link Cro	7.82	0 - 10:06 hrs	0.00	32.58	0.00	1.56	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0 - 00:00 hrs
719	☐	SWMH-L3-004	2.77	44.07	low Link Cro	7.98	0 - 10:04 hrs	0.00	33.05	0.00	1.50	-178.80	0.00	0.00	0.00	0.00	0.00	0.00	0 - 00:00 hrs
720	☐	SWMH-L3-005	5.35	48.08	w Maximum	0.00	0 - 09:49 hrs	0.00	12.27	0.00	1.02	74.89	4.13	3.30	0.00	0.00	0.02	0.08	0 - 09:49 hrs
721	☐	SWMH-L3-006	5.25	49.73	w Maximum	0.00	0 - 09:49 hrs	0.00	12.77	0.00	1.03	-9.50	1.89	3.05	0.00	0.01	0.41	0.52	0 - 10:07 hrs
722	☐	SWMH-L3-007	5.25	50.67	w Maximum	0.00	0 - 09:49 hrs	22.51	22.51	1.08	1.08	0.00	1.69	3.25	0.00	0.05	0.38	9.73	0 - 10:03 hrs
723	☐	SWMH-L3-008	6.43	48.19	w Maximum	0.67	0 - 10:02 hrs	0.00	22.84	0.00	4.69	250.23	3.87	3.88	0.67	0.00	0.00	0.00	0 - 00:00 hrs
724	☐	SWMH-L3-009	6.65	48.81	w Maximum	0.00	0 - 09:52 hrs	0.00	25.71	0.00	4.75	770.97	4.44	4.15	0.00	0.05	0.42	7.54	0 - 10:03 hrs
725	☐	SWMH-L3-010	4.21	43.96	low Link Cro	7.74	0 - 10:04 hrs	0.00	32.43	0.00	1.53	461.42	0.00	0.00	0.00	0.00	0.00	0.00	0 - 00:00 hrs
726	☐	SWMH-L3-011	4.19	44.42	low Link Cro	8.71	0 - 10:04 hrs	0.00	33.62	0.00	1.50	574.65	0.00	0.00	0.00	0.00	0.00	0.00	0 - 00:00 hrs
727	☐	SWMH-L3-013	8.02	51.60	w Maximum	0.00	0 - 09:57 hrs	30.94	38.59	1.55	4.89	216.75	4.28	5.52	0.00	0.00	0.08	1.17	0 - 10:03 hrs
728	☐	SWMH-L3-014	7.99	51.62	w Maximum	0.00	0 - 09:59 hrs	0.00	13.98	0.00	2.60	404.60	5.26	5.99	0.00	0.00	0.00	0.01	0 - 10:03 hrs
729	☐	SWMH-L3-015	5.93	50.45	w Maximum	0.12	0 - 09:59 hrs	0.00	16.16	0.00	2.93	110.43	6.36	3.82	0.12	0.00	0.00	0.00	0 - 00:00 hrs
730	☐	SWMH-L3-016	7.50	52.38	w Maximum	0.00	0 - 09:51 hrs	22.15	22.15	0.96	0.96	41.53	3.85	5.50	0.00	0.08	0.37	14.27	0 - 09:59 hrs
731	☐	SWMH-L3-019	7.55	45.93	w Maximum	4.40	0 - 09:59 hrs	0.00	20.06	0.00	0.92	1,089.89	0.27	1.39	4.40	0.00	0.00	0.00	0 - 00:00 hrs
732	☐	SWMH-L3-020	6.33	45.04	w Maximum	5.57	0 - 09:59 hrs	13.84	34.26	0.61	1.53	1,878.76	0.30	0.53	5.57	0.00	0.00	0.00	0 - 00:00 hrs
733	☐	SWMH-L4-001	7.57	46.54	w Maximum	2.38	0 - 09:56 hrs	0.00	38.30	0.00	5.28	3,527.35	12.32	3.87	2.38	0.00	0.00	0.00	0 - 00:00 hrs
734	☐	SWMH-L4-002	7.25	46.39	w Maximum	0.00	0 - 09:48 hrs	0.00	49.79	0.00	4.54	1,253.61	7.19	3.49	0.00	0.41	0.83	39.02	0 - 09:59 hrs
735	☐	SWMH-L4-003	7.43	46.87	w Maximum	2.77	0 - 09:56 hrs	0.00	49.79	0.00	4.53	1,886.13	5.36	3.73	2.77	0.00	0.00	0.00	0 - 00:00 hrs

FUTURE CONDITIONS 5-YR 24-HR JUNCTIONS

		ID	Maximum Depth (ft)	Maximum HGL (ft)	Maximum HGL Head Class	Freeboard (ft)	Max.Depth Day-Time (day-time)	Maximum Lateral Inflow (cfs)	Maximum Total Inflow (cfs)	Lateral Inflow Volume (MG)	Total Inflow Volume (MG)	Flow Volume Difference (MG)	Total Surcharge Time (hrs)	Max.Surchar ge Height Above Crown	Min.Surchar ge Depth Below Rim	Total Flood Volume (MG)	Total Flood Time (hrs)	Maximum Flood Rate (cfs)	Max.Flood Day-Time (day-time)
736	☐	SWMH-L4-005	7.70	47.63	w Maximum	3.75	0 - 09:49 hrs	0.00	49.79	0.00	4.50	2,189.73	4.25	4.20	3.75	0.00	0.00	0.00	0 - 00:00 hrs
737	☐	SWMH-L4-008	7.38	46.64	w Maximum	2.02	0 - 10:00 hrs	0.00	23.27	0.00	1.11	1,258.64	7.39	3.77	2.02	0.00	0.00	0.00	0 - 00:00 hrs
738	☐	SWMH-L4-009	7.26	46.74	w Maximum	2.82	0 - 09:59 hrs	0.00	23.26	0.00	1.10	1,571.20	6.84	3.76	2.82	0.00	0.00	0.00	0 - 00:00 hrs
739	☐	SWMH-L4-010	2.47	43.14	low Link Cro	8.28	0 - 10:07 hrs	0.00	47.74	0.00	2.36	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0 - 00:00 hrs
740	☐	SWMH-L4-011	3.12	43.67	low Link Cro	9.38	0 - 10:06 hrs	0.00	47.90	0.00	2.36	391.61	0.00	0.00	0.00	0.00	0.00	0.00	0 - 00:00 hrs
741	☐	SWMH-L4-013	7.93	46.19	w Maximum	2.19	0 - 09:59 hrs	0.00	38.28	0.00	5.30	3,224.64	47.60	4.43	2.19	0.00	0.00	0.00	0 - 00:00 hrs
742	☐	SWMH-L4-014	6.76	49.22	w Maximum	1.46	0 - 09:49 hrs	0.00	37.52	0.00	3.88	196.83	2.05	3.29	1.46	0.00	0.00	0.00	0 - 00:00 hrs
743	☐	SWMH-L4-015	7.13	49.95	w Maximum	0.57	0 - 10:03 hrs	6.92	20.53	0.29	1.99	172.31	2.46	4.85	0.57	0.00	0.00	0.00	0 - 00:00 hrs
744	☐	SWMH-L4-016	6.15	51.61	w Maximum	0.80	0 - 09:57 hrs	19.79	19.79	0.93	1.89	130.09	1.79	3.73	0.80	0.00	0.00	0.00	0 - 00:00 hrs
745	☐	SWMH-L4-017	4.90	51.40	Surcharged	0.00	0 - 09:52 hrs	0.00	9.86	0.00	0.96	15.42	1.67	2.65	0.00	0.00	0.01	5.80	0 - 09:52 hrs
746	☐	SWMH-L4-018	4.80	51.81	w Maximum	0.00	0 - 09:52 hrs	0.00	12.19	0.00	1.06	-113.23	1.57	2.55	0.00	0.00	0.00	6.95	0 - 09:52 hrs
747	☐	SWMH-L4-019	7.23	46.87	w Maximum	3.27	0 - 09:56 hrs	23.25	23.25	1.08	1.08	0.00	4.28	3.56	3.27	0.00	0.00	0.00	0 - 00:00 hrs
748	☐	SWMH-L4-020	7.80	50.53	w Maximum	0.00	0 - 09:56 hrs	7.79	20.07	0.33	0.92	316.67	0.62	5.80	0.00	0.00	0.00	1.58	0 - 09:56 hrs
749	☐	SWMH-L4-021	8.72	52.06	w Maximum	0.16	0 - 09:56 hrs	12.31	12.31	0.59	0.59	0.00	0.62	6.72	0.16	0.00	0.00	0.00	0 - 00:00 hrs
750	☐	SWMH-L4-022	6.92	51.66	w Maximum	0.00	0 - 09:49 hrs	0.00	19.39	0.00	1.89	281.28	1.88	4.65	0.00	0.00	0.00	4.31	0 - 09:49 hrs
751	☐	SWMH-L4-030	6.33	50.83	w Maximum	0.00	0 - 09:51 hrs	35.70	35.70	1.88	1.87	0.00	1.81	3.35	0.00	0.07	0.36	13.15	0 - 10:03 hrs
752	☐	SWMH-L4-031	6.85	49.97	w Maximum	0.00	0 - 09:49 hrs	0.00	22.54	0.00	1.81	101.81	2.36	4.55	0.00	0.11	0.53	11.81	0 - 09:59 hrs
753	☐	SWMH-L4-032	4.00	51.13	Surcharged	0.00	0 - 09:52 hrs	0.00	11.88	0.00	0.09	0.00	1.61	2.00	0.00	0.09	0.51	11.88	0 - 10:03 hrs
754	☐	SWMH-L5-004	10.00	44.44	w Maximum	0.00	0 - 00:00 hrs	0.00	86.03	0.00	1.93	1,909.48	47.98	5.00	0.00	0.01	0.01	74.01	0 - 00:00 hrs
755	☐	SWMH-L5-005	8.20	45.90	Surcharged	0.00	0 - 00:01 hrs	0.00	49.11	0.00	1.93	1,480.60	47.95	5.45	0.00	0.00	0.00	19.46	0 - 00:01 hrs
756	☐	SWMH-L5-006	7.45	45.48	w Maximum	0.00	0 - 00:01 hrs	0.00	44.69	0.00	1.91	896.40	47.91	4.45	0.00	0.00	0.00	15.45	0 - 00:01 hrs
757	☐	SWMH-L5-007	7.35	46.13	w Maximum	0.00	0 - 00:03 hrs	0.00	27.45	0.00	1.89	1,276.39	47.88	4.85	0.00	0.00	0.00	25.87	0 - 00:03 hrs
758	☐	SWMH-L5-009	6.10	45.58	w Maximum	0.00	0 - 00:04 hrs	40.33	40.33	2.05	2.07	80.01	47.88	3.45	0.00	0.00	0.01	0.43	0 - 00:04 hrs
759	☐	SWMH-L5-010	6.35	46.93	Surcharged	0.00	0 - 09:18 hrs	0.00	60.89	0.00	4.17	2,100.07	4.57	2.85	0.00	0.00	0.00	4.02	0 - 09:18 hrs
760	☐	SWMH-L5-012	5.88	47.62	w Maximum	0.64	0 - 09:55 hrs	15.45	60.89	0.65	4.66	-781.33	1.19	2.38	0.64	0.00	0.00	0.00	0 - 00:00 hrs
761	☐	SWMH-L5-013	4.80	47.91	w Maximum	0.00	0 - 09:55 hrs	0.00	48.83	0.00	3.42	233.64	0.88	1.80	0.00	0.01	0.16	3.31	0 - 09:59 hrs
762	☐	SWMH-L5-014	7.97	51.71	w Maximum	2.86	0 - 09:55 hrs	0.00	48.83	0.00	3.40	163.21	0.95	4.68	2.86	0.00	0.00	0.00	0 - 00:00 hrs
763	☐	SWMH-L5-015	7.19	51.60	w Maximum	1.61	0 - 09:55 hrs	16.69	48.84	0.69	3.40	117.74	0.99	4.19	1.61	0.00	0.00	0.00	0 - 00:00 hrs
764	☐	SWMH-L5-016	6.11	51.92	w Maximum	1.86	0 - 09:56 hrs	0.00	45.70	0.00	2.77	-655.97	0.74	3.11	1.86	0.00	0.00	0.00	0 - 00:00 hrs
765	☐	SWMH-L5-017	6.70	53.56	w Maximum	0.00	0 - 09:56 hrs	30.24	45.69	1.48	2.77	21.08	0.63	3.70	0.00	0.00	0.00	10.28	0 - 09:56 hrs
766	☐	SWMH-L5-018	6.05	53.09	w Maximum	0.00	0 - 09:56 hrs	0.00	26.87	0.00	1.34	36.45	0.73	3.80	0.00	0.04	0.20	25.62	0 - 09:56 hrs
767	☐	SWMH-L5-019	9.53	49.98	w Maximum	0.44	0 - 09:59 hrs	26.05	39.28	1.26	2.54	519.89	47.99	7.53	0.44	0.00	0.00	0.00	0 - 00:00 hrs
768	☐	SWMH-L5-020	7.60	49.90	Surcharged	0.00	0 - 00:06 hrs	0.00	17.14	0.00	1.29	577.59	47.91	5.60	0.00	0.00	0.02	0.16	0 - 00:06 hrs
769	☐	SWMH-L5-021	6.15	50.00	w Maximum	0.00	0 - 00:06 hrs	0.00	12.40	0.00	1.39	347.41	47.80	4.15	0.00	0.11	0.98	6.30	0 - 10:12 hrs
770	☐	SWMH-L5-022	6.15	50.26	Surcharged	0.00	0 - 09:45 hrs	30.80	30.80	1.53	1.53	0.00	47.80	4.15	0.00	0.14	0.68	18.40	0 - 10:03 hrs
771	☐	SWMH-L5-028	5.32	32.65	Surcharged	-0.15	0 - 12:14 hrs	0.00	8.76	0.00	4.61	1,129.50	44.97	3.32	0.00	0.00	0.00	0.00	0 - 00:00 hrs
772	☐	SWMH-L5-036	3.45	45.98	w Maximum	0.00	0 - 00:04 hrs	0.00	10.90	0.00	0.02	0.00	2.45	1.95	0.00	0.00	0.01	10.52	0 - 00:04 hrs
773	☐	SWMH-L5-037	4.75	45.15	w Maximum	0.00	0 - 00:01 hrs	0.00	4.73	0.00	0.00	0.00	47.91	3.75	0.00	0.00	0.01	4.10	0 - 00:03 hrs
774	☐	SWMH-L5-038	9.58	44.15	w Maximum	0.00	0 - 00:00 hrs	0.00	96.87	0.00	1.93	0.00	47.98	4.63	0.00	0.00	0.00	9.58	0 - 00:00 hrs
775	☐	SWMH-L5-039	5.68	51.11	w Maximum	0.00	0 - 09:56 hrs	0.00	45.71	0.00	2.77	76.64	0.78	2.68	0.00	0.06	0.25	13.11	0 - 10:03 hrs
776	☐	SWMH-L6-001	6.15	58.14	w Maximum	0.00	0 - 09:57 hrs	0.00	26.87	0.00	1.34	-9.93	0.47	3.90	0.00	0.00	0.00	7.78	0 - 09:57 hrs
777	☐	SWMH-L6-002	1.25	55.14	low Link Cro	9.93	0 - 10:04 hrs	0.00	18.83	0.00	0.88	-7.37	0.00	0.00	0.00	0.00	0.00	0.00	0 - 00:00 hrs
778	☐	SWMH-L6-003	1.26	63.78	low Link Cro	4.79	0 - 10:03 hrs	17.84	17.84	0.82	0.82	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0 - 00:00 hrs
779	☐	SWMH-L6-004	1.12	58.91	low Link Cro	8.53	0 - 10:03 hrs	0.00	18.84	0.00	0.88	61.93	0.00	0.00	0.00	0.00	0.00	0.00	0 - 00:00 hrs
780	☐	SWMH-L6-005	1.00	66.33	low Link Cro	6.60	0 - 10:03 hrs	19.04	19.04	0.88	0.88	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0 - 00:00 hrs
781	☐	SWMH-L6-006	2.01	55.84	low Link Cro	11.04	0 - 10:04 hrs	4.32	106.22	0.15	6.80	215.02	0.00	0.00	0.00	0.00	0.00	0.00	0 - 00:00 hrs
782	☐	SWMH-L6-007	3.10	58.86	low Link Cro	6.14	0 - 10:04 hrs	0.00	68.74	0.00	5.00	256.02	0.00	0.00	0.00	0.00	0.00	0.00	0 - 00:00 hrs
783	☐	SWMH-L6-008	2.47	69.40	low Link Cro	2.53	0 - 10:04 hrs	0.00	68.83	0.00	5.00	110.58	0.00	0.00	0.00	0.00	0.00	0.00	0 - 00:00 hrs
784	☐	SWMH-L6-010	11.03	42.36	w Maximum	3.41	0 - 12:25 hrs	10.96	320.93	0.42	23.04	82,253.54	30.45	4.69	3.41	0.00	0.00	0.00	0 - 00:00 hrs

FUTURE CONDITIONS 5-YR 24-HR JUNCTIONS

		ID	Maximum Depth (ft)	Maximum HGL (ft)	Maximum HGL Head Class	Freeboard (ft)	Max.Depth Day-Time (day-time)	Maximum Lateral Inflow (cfs)	Maximum Total Inflow (cfs)	Lateral Inflow Volume (MG)	Total Inflow Volume (MG)	Flow Volume Difference (MG)	Total Surcharge Time (hrs)	Max.Surchar ge Height Above Ground	Min.Surchar ge Depth Below Rim	Total Flood Volume (MG)	Total Flood Time (hrs)	Maximum Flood Rate (cfs)	Max.Flood Day-Time (day-time)
785	☐	SWMH-L6-011	8.87	45.38	w Maximum	2.53	0 - 09:59 hrs	0.00	90.89	0.00	6.92	1,469.48	28.24	5.39	2.53	0.00	0.00	0.00	0 - 00:00 hrs
786	☐	SWMH-L6-012	6.94	50.01	w Maximum	11.56	0 - 10:00 hrs	0.00	9.37	0.00	0.00	0.00	0.40	3.94	11.56	0.00	0.00	0.00	0 - 00:00 hrs
787	☐	SWMH-L6-014	6.69	34.49	Surcharged	-1.99	0 - 12:25 hrs	0.00	8.78	0.00	4.62	1,223.04	44.96	4.69	0.00	0.00	0.00	0.00	0 - 00:00 hrs
788	☐	SWMH-L6-015	9.12	48.71	w Maximum	2.83	0 - 09:59 hrs	0.00	90.90	0.00	6.93	1,371.15	1.71	5.79	2.83	0.00	0.00	0.00	0 - 00:00 hrs
789	☐	SWMH-L6-016	1.16	71.13	low Link Cro	7.16	0 - 10:03 hrs	21.54	21.54	1.06	1.06	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0 - 00:00 hrs
790	☐	SWMH-L6-017	4.56	47.92	low Link Cro	16.04	0 - 10:04 hrs	0.00	142.16	0.00	8.50	497.47	0.00	0.00	0.00	0.00	0.00	0.00	0 - 00:00 hrs
791	☐	SWMH-L7-001	6.00	86.46	w Maximum	0.00	0 - 09:59 hrs	14.04	32.22	0.64	3.15	147.31	1.66	3.50	0.00	0.00	0.00	0.01	0 - 09:59 hrs
792	☐	SWMH-L7-002	5.43	86.46	w Maximum	0.00	0 - 09:52 hrs	26.19	37.38	1.34	2.71	179.02	1.70	2.93	0.00	0.20	0.57	27.00	0 - 10:03 hrs
793	☐	SWMH-L7-003	5.28	86.96	w Maximum	0.00	0 - 09:52 hrs	0.00	12.18	0.00	1.38	83.39	1.69	3.03	0.00	0.00	0.12	6.42	0 - 09:52 hrs
794	☐	SWMH-L7-007	0.97	80.34	low Link Cro	2.66	0 - 10:18 hrs	0.00	21.09	0.00	2.00	34.98	0.00	0.00	0.00	0.00	0.00	0.00	0 - 00:00 hrs
795	☐	SWMH-L7-008	3.84	83.79	Surcharged	0.00	0 - 09:55 hrs	11.56	33.41	0.48	2.10	821.26	1.66	1.34	0.00	0.09	0.48	12.31	0 - 09:59 hrs
796	☐	SWMH-L7-009	3.84	83.95	w Maximum	0.00	0 - 09:55 hrs	0.00	28.77	0.00	1.66	88.36	1.57	1.34	0.00	0.04	0.34	7.40	0 - 09:56 hrs
797	☐	SWMH-L7-010	4.34	84.89	w Maximum	0.14	0 - 09:59 hrs	0.00	28.78	0.00	1.66	81.85	1.32	1.84	0.14	0.00	0.00	0.00	0 - 00:00 hrs
798	☐	SWMH-L7-011	3.89	85.10	w Maximum	0.00	0 - 09:55 hrs	0.00	24.00	0.00	1.37	24.27	1.14	1.39	0.00	0.01	0.20	10.19	0 - 09:55 hrs
799	☐	SWMH-L7-012	4.00	86.58	Surcharged	0.00	0 - 09:56 hrs	0.00	24.01	0.00	1.37	31.29	0.58	1.50	0.00	0.00	0.00	4.45	0 - 09:56 hrs
800	☐	SWMH-L7-013	4.60	87.75	Surcharged	0.00	0 - 09:56 hrs	0.00	24.00	0.00	1.37	152.55	0.63	2.35	0.00	0.00	0.00	2.13	0 - 09:56 hrs
801	☐	SWMH-L7-014	5.00	88.63	w Maximum	0.00	0 - 09:56 hrs	27.16	27.16	1.38	1.38	0.00	0.69	2.75	0.00	0.01	0.16	3.16	0 - 10:03 hrs
802	☐	SWMH-L7-017	4.50	85.78	w Maximum	0.00	0 - 09:55 hrs	7.40	7.40	0.30	0.30	0.00	1.24	2.50	0.00	0.00	0.00	1.99	0 - 09:55 hrs
803	☐	SWMH-L7-020	7.20	86.23	Surcharged	0.00	0 - 09:52 hrs	25.85	25.85	1.24	1.24	0.00	1.63	5.20	0.00	0.16	0.53	22.43	0 - 10:03 hrs
804	☐	SWMH-L7-024	1.70	78.34	low Link Cro	2.72	0 - 09:59 hrs	7.68	28.78	0.32	2.32	289.89	0.00	0.00	0.00	0.00	0.00	0.00	0 - 00:00 hrs
805	☐	SWMH-L7-025	3.90	78.37	w Maximum	0.00	0 - 09:48 hrs	20.32	20.32	1.04	1.04	0.00	5.66	2.65	0.00	0.17	1.12	15.61	0 - 10:03 hrs
806	☐	SWMH-L7-026	2.52	76.32	low Link Cro	1.46	0 - 10:04 hrs	13.55	46.83	0.62	3.81	282.91	0.00	0.00	0.00	0.00	0.00	0.00	0 - 00:00 hrs
807	☐	SWMH-L7-029	7.68	86.43	w Maximum	0.22	0 - 10:02 hrs	0.00	15.94	0.00	1.09	68.63	1.71	5.68	0.22	0.00	0.00	0.00	0 - 00:00 hrs
808	☐	SWMH-L8-001	10.60	94.80	Surcharged	0.00	0 - 10:03 hrs	7.12	87.35	0.28	7.06	327.44	0.89	6.04	0.00	0.00	0.00	31.23	0 - 10:03 hrs
809	☐	SWMH-L8-002	8.91	94.43	Surcharged	0.00	0 - 10:03 hrs	0.00	83.13	0.00	6.79	514.21	0.74	4.41	0.00	0.00	0.01	39.70	0 - 10:03 hrs
810	☐	SWMH-L8-005	5.90	96.75	w Maximum	0.00	0 - 09:52 hrs	15.32	46.81	0.66	5.11	588.11	1.97	2.40	0.00	0.00	0.01	8.18	0 - 10:06 hrs
811	☐	SWMH-L8-007	4.08	93.19	Surcharged	0.00	0 - 09:53 hrs	26.81	26.81	1.31	1.31	0.00	1.03	2.08	0.00	0.10	0.39	16.56	0 - 10:03 hrs
812	☐	SWMH-L8-008	8.70	95.82	w Maximum	0.00	0 - 10:03 hrs	37.74	37.74	1.70	1.70	0.00	0.56	4.54	0.00	0.00	0.01	24.56	0 - 10:03 hrs
813	☐	SWMH-L9-002	8.98	110.09	Surcharged	0.00	0 - 09:56 hrs	0.00	29.30	0.00	1.61	24.37	1.04	6.48	0.00	0.02	0.18	13.17	0 - 09:56 hrs
814	☐	SWMH-L9-003	10.10	109.91	Surcharged	0.00	0 - 09:56 hrs	20.43	40.00	0.98	2.58	239.19	1.22	7.60	0.00	0.00	0.00	7.96	0 - 09:56 hrs
815	☐	SWMH-L9-004	10.01	109.61	w Maximum	0.00	0 - 09:56 hrs	0.00	39.99	0.00	2.58	-51.38	1.25	7.51	0.00	0.00	0.00	5.09	0 - 09:56 hrs
816	☐	SWMH-L9-010	9.41	115.86	w Maximum	0.00	0 - 10:00 hrs	15.61	15.61	0.69	0.69	0.00	0.32	7.41	0.00	0.00	0.00	1.18	0 - 10:00 hrs
817	☐	SWMH-L9-011	10.04	116.21	w Maximum	0.00	0 - 10:00 hrs	0.00	15.61	0.00	0.69	-286.31	0.31	8.04	0.00	0.00	0.00	0.75	0 - 10:00 hrs
818	☐	SWMH-L9-012	10.65	115.81	Surcharged	0.00	0 - 10:00 hrs	0.00	15.61	0.00	0.69	-290.23	0.29	8.65	0.00	0.00	0.00	2.14	0 - 10:00 hrs
819	☐	SWMH-L9-014	10.07	114.57	w Maximum	0.43	0 - 10:00 hrs	0.00	15.39	0.00	0.70	27.73	0.33	8.07	0.43	0.00	0.00	0.00	0 - 00:00 hrs
820	☐	SWMH-L9-015	9.71	112.51	w Maximum	0.60	0 - 10:00 hrs	0.00	15.13	0.00	0.70	21.33	0.50	7.71	0.60	0.00	0.00	0.00	0 - 00:00 hrs
821	☐	SWMH-L9-016	8.89	110.29	w Maximum	0.97	0 - 10:00 hrs	0.00	15.14	0.00	0.70	173.44	0.60	6.89	0.97	0.00	0.00	0.00	0 - 00:00 hrs
822	☐	SWMH-L9-017	7.30	106.11	w Maximum	0.00	0 - 09:56 hrs	0.00	15.14	0.00	0.70	-137.57	0.93	5.29	0.00	0.00	0.01	9.94	0 - 09:56 hrs
823	☐	SWMH-L9-026	11.21	107.82	w Maximum	0.29	0 - 10:03 hrs	0.00	39.98	0.00	2.58	44.72	2.54	8.71	0.29	0.00	0.00	0.00	0 - 00:00 hrs
824	☐	SWMH-L9-027	11.57	107.30	w Maximum	0.32	0 - 10:03 hrs	0.00	39.97	0.00	2.57	74.00	3.53	9.07	0.32	0.00	0.00	0.00	0 - 00:00 hrs
825	☐	SWMH-L9-029	11.05	106.30	w Maximum	0.61	0 - 10:03 hrs	0.00	40.01	0.00	2.57	22.87	4.02	8.55	0.61	0.00	0.00	0.00	0 - 00:00 hrs
826	☐	SWMH-L9-030	10.67	105.58	w Maximum	0.73	0 - 10:03 hrs	29.11	65.73	1.39	3.96	141.18	3.04	7.17	0.73	0.00	0.00	0.00	0 - 00:00 hrs
827	☐	SWMH-L9-031	9.04	103.12	w Maximum	1.89	0 - 10:03 hrs	0.00	89.02	0.00	5.16	-517.30	4.03	5.54	1.89	0.00	0.00	0.00	0 - 00:00 hrs
828	☐	SWMH-L9-032	8.77	102.74	w Maximum	1.87	0 - 10:03 hrs	0.00	88.97	0.00	5.17	-319.02	4.15	5.26	1.87	0.00	0.00	0.00	0 - 00:00 hrs
829	☐	SWMH-L9-033	6.76	99.69	w Maximum	3.22	0 - 09:57 hrs	0.00	88.96	0.00	5.17	-1,340.67	4.74	2.76	3.22	0.00	0.00	0.00	0 - 00:00 hrs
830	☐	SWMH-L9-034	7.10	99.85	w Maximum	2.61	0 - 09:57 hrs	0.00	88.96	0.00	5.18	129.92	5.00	3.10	2.61	0.00	0.00	0.00	0 - 00:00 hrs
831	☐	SWMH-L9-036	6.50	99.02	w Maximum	3.09	0 - 10:36 hrs	0.00	88.96	0.00	5.18	-28.19	5.35	2.49	3.09	0.00	0.00	0.00	0 - 00:00 hrs
832	☐	SWMH-L9-047	10.28	104.78	w Maximum	0.94	0 - 10:03 hrs	12.28	88.98	0.51	5.16	270.54	3.56	6.78	0.94	0.00	0.00	0.00	0 - 00:00 hrs
833	☐	SWMH-L9-049	11.29	106.76	w Maximum	0.45	0 - 10:03 hrs	0.00	39.99	0.00	2.57	76.86	3.78	8.79	0.45	0.00	0.00	0.00	0 - 00:00 hrs

FUTURE CONDITIONS 5-YR 24-HR JUNCTIONS

		ID	Maximum Depth (ft)	Maximum HGL (ft)	Maximum HGL Head Class	Freeboard (ft)	Max.Depth Day-Time (day-time)	Maximum Lateral Inflow (cfs)	Maximum Total Inflow (cfs)	Lateral Inflow Volume (MG)	Total Inflow Volume (MG)	Flow Volume Difference (MG)	Total Surcharge Time (hrs)	Max.Surchar ge Height Above Ground	Min.Surchar ge Depth Below Rim (ft)	Total Flood Volume (MG)	Total Flood Time (hrs)	Maximum Flood Rate (cfs)	Max.Flood Day-Time (day-time)
834	☐	SWMH-M1-001	8.81	35.80	Surcharged	0.00	0 - 09:41 hrs	2.07	52.24	0.07	16.99	5,977.03	36.96	5.12	0.00	15.25	14.24	52.24	0 - 10:29 hrs
835	☐	SWMH-M1-003	8.83	39.04	Surcharged	0.00	0 - 09:48 hrs	35.14	57.05	1.84	6.42	8,059.05	30.90	5.33	0.00	0.27	0.85	29.15	0 - 10:03 hrs
836	☐	SWMH-M1-004	5.90	36.34	Surcharged	0.00	0 - 09:49 hrs	24.31	24.31	1.10	1.10	0.00	30.36	2.90	0.00	0.04	0.30	8.33	0 - 09:59 hrs
837	☐	SWMH-M1-006	6.98	36.06	Surcharged	0.00	0 - 09:49 hrs	0.00	16.02	0.00	1.05	2,922.83	32.81	3.85	0.00	0.00	0.12	0.06	0 - 09:53 hrs
838	☐	SWMH-M1-007	8.20	36.06	w Maximum	0.00	0 - 09:55 hrs	0.00	16.03	0.00	1.02	1,239.50	34.37	4.48	0.00	0.00	0.00	0.03	0 - 09:55 hrs
839	☐	SWMH-M1-008	8.45	35.82	w Maximum	0.00	0 - 09:45 hrs	0.00	35.25	0.00	9.10	1,807.42	37.23	5.25	0.00	8.67	14.19	35.04	0 - 10:11 hrs
840	☐	SWMH-M1-009	8.52	37.34	w Maximum	0.00	0 - 09:40 hrs	0.00	27.89	0.00	6.08	10,049.75	32.77	4.86	0.00	0.16	1.54	5.63	0 - 10:15 hrs
841	☐	SWMH-M2-001	5.78	40.01	Surcharged	0.00	0 - 08:56 hrs	20.06	40.88	0.89	4.27	2,460.64	24.74	3.78	0.00	1.17	3.72	40.87	0 - 09:59 hrs
842	☐	SWMH-M2-002	8.02	44.00	w Maximum	0.00	0 - 09:08 hrs	0.00	15.40	0.00	3.35	809.85	9.95	5.52	0.00	0.00	0.00	3.18	0 - 09:08 hrs
843	☐	SWMH-M2-005	6.70	41.81	w Maximum	0.14	0 - 09:56 hrs	0.00	26.16	0.00	2.30	1,334.86	16.22	3.95	0.14	0.00	0.00	0.00	0 - 00:00 hrs
844	☐	SWMH-M2-007	5.90	43.76	Surcharged	0.00	0 - 09:56 hrs	11.65	26.43	0.53	2.30	61.84	2.39	3.15	0.00	0.00	0.00	13.85	0 - 09:56 hrs
845	☐	SWMH-M2-008	5.05	44.26	w Maximum	0.00	0 - 09:56 hrs	0.00	19.92	0.00	1.78	-278.95	1.77	2.63	0.00	0.01	0.19	13.69	0 - 09:56 hrs
846	☐	SWMH-M2-009	5.05	45.34	w Maximum	0.00	0 - 09:56 hrs	20.39	25.18	1.02	1.83	700.27	1.57	2.80	0.00	0.05	0.30	9.09	0 - 10:03 hrs
847	☐	SWMH-M2-010	5.08	45.91	w Maximum	0.00	0 - 09:56 hrs	0.00	6.01	0.00	0.81	37.41	1.49	3.08	0.00	0.00	0.01	4.56	0 - 09:56 hrs
848	☐	SWMH-M2-012	4.30	40.74	Surcharged	0.00	0 - 09:55 hrs	0.00	3.08	0.00	0.05	0.00	17.61	3.05	0.00	0.04	0.81	3.08	0 - 09:56 hrs
849	☐	SWMH-M3-001	5.35	51.82	w Maximum	0.00	0 - 09:23 hrs	35.18	35.18	1.79	1.79	0.00	4.78	3.22	0.00	0.30	1.27	26.80	0 - 10:03 hrs
850	☐	SWMH-M3-002	5.32	46.70	w Maximum	0.00	0 - 09:56 hrs	0.00	6.64	0.00	0.81	87.22	1.59	3.57	0.00	0.00	0.01	6.14	0 - 09:56 hrs
851	☐	SWMH-M3-007	5.07	49.34	w Maximum	2.43	0 - 09:48 hrs	0.00	6.37	0.00	0.82	286.84	1.99	3.57	2.43	0.00	0.00	0.00	0 - 00:00 hrs
852	☐	SWMH-M3-008	6.58	51.54	w Maximum	0.12	0 - 09:59 hrs	18.21	21.07	0.76	2.95	162.50	5.98	4.38	0.12	0.00	0.00	0.00	0 - 00:00 hrs
853	☐	SWMH-M3-009	5.80	51.21	w Maximum	0.00	0 - 09:23 hrs	16.01	29.31	0.72	2.22	34.63	5.48	3.62	0.00	0.39	1.61	29.30	0 - 09:59 hrs
854	☐	SWMH-M3-010	6.10	51.66	w Maximum	0.00	0 - 09:48 hrs	9.48	9.48	0.41	0.41	9.14	6.18	4.60	0.00	0.04	0.55	6.61	0 - 09:59 hrs
855	☐	SWMH-M3-017	5.50	49.38	Surcharged	0.00	0 - 09:49 hrs	0.00	8.06	0.00	0.94	81.13	3.50	4.00	0.00	0.00	0.05	0.02	0 - 09:49 hrs
856	☐	SWMH-M3-018	4.98	50.12	Surcharged	0.00	0 - 09:45 hrs	23.09	23.09	1.13	1.13	0.00	3.23	3.48	0.00	0.19	0.98	18.26	0 - 10:03 hrs
857	☐	SWMH-M3-024	5.96	50.84	w Maximum	0.82	0 - 09:48 hrs	0.00	6.37	0.00	0.82	91.67	3.88	4.71	0.82	0.00	0.00	0.00	0 - 00:00 hrs
858	☐	SWMH-M4-002	4.42	54.03	w Maximum	0.48	0 - 09:53 hrs	0.00	14.89	0.00	1.25	-56.92	1.04	2.42	0.48	0.00	0.00	0.00	0 - 00:00 hrs
859	☐	SWMH-M4-003	4.43	54.21	w Maximum	0.05	0 - 09:53 hrs	0.00	15.52	0.00	1.25	272.76	1.03	2.35	0.05	0.00	0.00	0.00	0 - 00:00 hrs
860	☐	SWMH-M4-004	4.40	55.27	w Maximum	0.00	0 - 09:53 hrs	26.85	26.85	1.32	1.32	0.00	0.90	2.40	0.00	0.02	0.24	6.50	0 - 10:03 hrs
861	☐	SWMH-M4-006	4.82	52.52	w Maximum	0.33	0 - 09:56 hrs	0.00	4.61	0.00	0.93	41.73	5.63	3.31	0.33	0.00	0.00	0.00	0 - 00:00 hrs
862	☐	SWMH-M4-007	4.62	52.91	w Maximum	0.43	0 - 10:04 hrs	0.00	4.62	0.00	0.93	35.95	5.06	3.12	0.43	0.00	0.00	0.00	0 - 00:00 hrs
863	☐	SWMH-M4-008	4.10	52.59	w Maximum	0.00	0 - 09:52 hrs	0.00	13.08	0.00	1.05	24.58	1.13	1.85	0.00	0.00	0.00	8.19	0 - 09:52 hrs
864	☐	SWMH-M4-011	4.05	54.04	w Maximum	0.00	0 - 09:52 hrs	23.71	23.71	1.14	1.13	0.00	1.25	2.30	0.00	0.08	0.43	12.50	0 - 10:03 hrs
865	☐	SWMH-M4-022	4.49	53.13	w Maximum	0.59	0 - 10:03 hrs	0.00	4.62	0.00	0.93	72.93	4.70	2.99	0.59	0.00	0.00	0.00	0 - 00:00 hrs
866	☐	SWMH-M4-023	4.26	53.84	w Maximum	0.24	0 - 10:42 hrs	0.00	4.62	0.00	0.93	32.69	4.16	2.51	0.24	0.00	0.00	0.00	0 - 00:00 hrs
867	☐	SWMH-M4-029	3.22	53.74	Surcharged	0.00	0 - 09:36 hrs	26.35	26.35	1.25	1.25	0.00	3.89	1.72	0.00	0.31	1.78	22.92	0 - 10:03 hrs
868	☐	SWMH-M4-031	3.98	54.47	w Maximum	0.00	0 - 09:53 hrs	0.00	20.34	0.00	1.30	6.28	0.92	1.95	0.00	0.05	0.38	5.99	0 - 09:59 hrs
869	☐	SWMH-M5-001	8.84	50.61	w Maximum	2.72	0 - 00:04 hrs	0.00	79.73	0.00	4.51	2,746.37	47.92	3.53	2.72	0.00	0.00	0.00	0 - 00:00 hrs
870	☐	SWMH-M5-002	7.71	52.44	w Maximum	0.00	0 - 00:02 hrs	0.00	26.43	0.00	1.28	1,158.27	47.89	4.96	0.00	0.00	0.00	12.81	0 - 00:02 hrs
871	☐	SWMH-M5-003	5.39	51.88	w Maximum	2.76	0 - 09:53 hrs	0.00	14.88	0.00	1.26	410.16	2.08	3.34	2.76	0.00	0.00	0.00	0 - 00:00 hrs
872	☐	SWMH-M5-004	5.48	52.61	w Maximum	1.60	0 - 09:53 hrs	0.00	14.88	0.00	1.26	240.61	1.46	3.25	1.60	0.00	0.00	0.00	0 - 00:00 hrs
873	☐	SWMH-M5-005	5.25	53.62	w Maximum	0.00	0 - 09:53 hrs	0.00	14.88	0.00	1.25	-34.54	1.22	3.25	0.00	0.00	0.00	2.27	0 - 09:53 hrs
874	☐	SWMH-M5-006	9.40	51.51	w Maximum	1.90	0 - 00:04 hrs	0.00	57.84	0.00	3.23	1,872.77	47.97	5.78	1.90	0.00	0.00	0.00	0 - 00:00 hrs
875	☐	SWMH-M5-007	10.10	53.67	Surcharged	0.00	0 - 00:02 hrs	0.00	43.95	0.00	3.21	3,390.26	47.90	6.85	0.00	0.00	0.00	15.13	0 - 00:02 hrs
876	☐	SWMH-M5-008	9.50	53.76	w Maximum	0.00	0 - 00:04 hrs	37.95	42.42	1.94	3.19	3,614.26	47.85	6.42	0.00	0.00	0.00	20.93	0 - 00:04 hrs
877	☐	SWMH-M5-010	5.79	52.30	w Maximum	5.21	0 - 09:59 hrs	27.27	27.27	1.30	1.42	757.83	1.31	2.79	5.21	0.00	0.00	0.00	0 - 00:00 hrs
878	☐	SWMH-M5-021	5.37	53.11	w Maximum	0.13	0 - 09:53 hrs	0.00	14.88	0.00	1.25	26.09	1.35	3.37	0.13	0.00	0.00	0.00	0 - 00:00 hrs
879	☐	SWMH-M6-001	1.44	59.97	Flow Link Croy	6.86	0 - 10:03 hrs	27.08	27.08	1.34	1.34	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0 - 00:00 hrs
880	☐	SWMH-M6-002	1.36	70.03	Flow Link Croy	5.49	0 - 10:04 hrs	22.50	34.46	1.08	1.65	101.72	0.00	0.00	0.00	0.00	0.00	0.00	0 - 00:00 hrs
881	☐	SWMH-M6-003	1.33	72.92	Flow Link Croy	4.77	0 - 10:04 hrs	0.00	12.15	0.00	0.57	-107.42	0.00	0.00	0.00	0.00	0.00	0.00	0 - 00:00 hrs
882	☐	SWMH-M6-007	8.60	56.70	w Maximum	2.30	0 - 09:59 hrs	9.34	36.75	0.35	2.26	93.71	1.83	6.60	2.30	0.00	0.00	0.00	0 - 00:00 hrs

FUTURE CONDITIONS 5-YR 24-HR JUNCTIONS

		ID	Maximum Depth (ft)	Maximum HGL (ft)	Maximum HGL Head Class	Freeboard (ft)	Max.Depth Day-Time (day-time)	Maximum Lateral Inflow (cfs)	Maximum Total Inflow (cfs)	Lateral Inflow Volume (MG)	Total Inflow Volume (MG)	Flow Volume Difference (MG)	Total Surcharge Time (hrs)	Max.Surchar ge Height Above Crown	Min.Surchar ge Depth Below Rim (ft)	Total Flood Volume (MG)	Total Flood Time (hrs)	Maximum Flood Rate (cfs)	Max.Flood Day-Time (day-time)
883	☐	SWMH-M6-008	10.45	59.51	w Maximum	0.10	0 - 09:59 hrs	0.00	28.17	0.00	1.90	31.41	1.06	7.16	0.10	0.00	0.00	0.00	0 - 00:00 hrs
884	☐	SWMH-M6-009	10.05	60.13	w Maximum	0.00	0 - 09:52 hrs	0.00	17.21	0.00	1.26	18.12	0.87	5.70	0.00	0.00	0.13	3.93	0 - 09:52 hrs
885	☐	SWMH-M6-010	0.84	61.89	low Link Cro	5.91	0 - 09:59 hrs	14.30	14.30	0.64	0.64	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0 - 00:00 hrs
886	☐	SWMH-M6-011	10.82	66.56	Surcharged	0.00	0 - 09:52 hrs	27.71	27.71	1.33	1.33	0.00	1.27	9.32	0.00	0.07	0.34	13.04	0 - 10:03 hrs
887	☐	SWMH-M7-001	1.76	74.27	low Link Cro	3.89	0 - 10:04 hrs	12.62	12.62	0.58	0.58	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0 - 00:00 hrs
888	☐	SWMH-M7-004	16.36	81.25	w Maximum	0.00	0 - 10:02 hrs	0.00	249.89	0.00	27.05	1,449.04	1.72	11.86	0.00	0.00	0.00	21.51	0 - 10:02 hrs
889	☐	SWMH-M7-005	11.62	82.27	w Maximum	0.55	0 - 10:03 hrs	0.00	258.86	0.00	26.29	3,373.32	1.42	5.62	0.55	0.00	0.00	0.00	0 - 00:00 hrs
890	☐	SWMH-M7-006	11.48	83.29	w Maximum	0.42	0 - 10:02 hrs	0.00	258.91	0.00	26.30	1,697.69	1.47	5.48	0.42	0.00	0.00	0.00	0 - 00:00 hrs
891	☐	SWMH-M7-007	1.10	54.90	low Link Cro	16.10	0 - 10:07 hrs	0.00	8.91	0.00	0.39	140.01	0.00	0.00	0.00	0.00	0.00	0.00	0 - 00:00 hrs
892	☐	SWMH-M7-008	1.12	59.08	low Link Cro	17.42	0 - 10:04 hrs	0.00	8.97	0.00	0.39	-176.58	0.00	0.00	0.00	0.00	0.00	0.00	0 - 00:00 hrs
893	☐	SWMH-M7-009	6.60	81.87	Surcharged	0.00	0 - 10:03 hrs	0.00	29.58	0.00	0.71	17.84	0.73	4.10	0.00	0.00	0.00	24.74	0 - 10:03 hrs
894	☐	SWMH-M7-010	11.04	83.16	w Maximum	0.26	0 - 10:02 hrs	0.00	38.11	0.00	2.72	191.60	6.98	8.73	0.26	0.00	0.00	0.00	0 - 00:00 hrs
895	☐	SWMH-M7-011	10.94	84.71	w Maximum	0.94	0 - 10:02 hrs	0.00	38.13	0.00	2.72	110.71	2.50	8.69	0.94	0.00	0.00	0.00	0 - 00:00 hrs
896	☐	SWMH-M7-013	6.50	82.88	w Maximum	0.00	0 - 10:03 hrs	15.10	15.10	0.71	0.71	0.00	0.43	4.29	0.00	0.00	0.01	9.09	0 - 10:03 hrs
897	☐	SWMH-M7-014	10.84	86.15	Surcharged	0.00	0 - 09:51 hrs	32.13	38.12	1.65	2.74	256.75	2.12	8.59	0.00	0.02	0.13	8.41	0 - 10:03 hrs
898	☐	SWMH-M7-016	11.17	85.45	w Maximum	0.00	0 - 09:51 hrs	0.00	38.12	0.00	2.72	-69.59	2.34	8.92	0.00	0.00	0.00	1.65	0 - 09:51 hrs
899	☐	SWMH-M7-018	13.04	82.00	Surcharged	0.00	0 - 10:03 hrs	0.00	272.20	0.00	26.97	417.03	0.93	5.31	0.00	0.00	0.00	45.35	0 - 10:03 hrs
900	☐	SWMH-M7-019	14.52	82.25	w Maximum	0.00	0 - 10:00 hrs	2.41	267.85	0.09	27.05	700.20	1.69	10.02	0.00	0.00	0.00	39.54	0 - 10:00 hrs
901	☐	SWMH-M7-020	1.06	62.83	low Link Cro	18.17	0 - 09:59 hrs	9.40	9.40	0.39	0.39	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0 - 00:00 hrs
902	☐	SWMH-M7-024	7.38	81.77	w Maximum	0.00	0 - 10:03 hrs	0.00	38.99	0.00	0.71	-4.66	0.84	4.60	0.00	0.00	0.00	33.82	0 - 10:03 hrs
903	☐	SWMH-M8-001	9.60	82.31	w Maximum	0.00	0 - 10:02 hrs	11.15	255.43	0.46	23.89	1,394.53	1.48	3.60	0.00	0.30	0.36	65.76	0 - 10:06 hrs
904	☐	SWMH-M8-002	10.37	84.51	Surcharged	0.00	0 - 10:02 hrs	27.56	246.09	1.40	23.44	833.09	1.28	4.37	0.00	0.00	0.00	16.34	0 - 10:02 hrs
905	☐	SWMH-M8-003	10.05	84.52	w Maximum	0.00	0 - 10:02 hrs	21.51	221.28	1.05	22.04	571.17	1.24	4.05	0.00	0.00	0.01	24.86	0 - 10:02 hrs
906	☐	SWMH-M8-004	11.40	87.63	w Maximum	0.00	0 - 10:02 hrs	0.00	206.44	0.00	21.00	1,353.36	1.32	5.90	0.00	0.00	0.00	40.94	0 - 10:02 hrs
907	☐	SWMH-M8-005	11.40	89.31	Surcharged	0.00	0 - 10:02 hrs	0.00	221.71	0.00	21.01	1,361.38	1.25	5.90	0.00	0.00	0.01	50.58	0 - 10:02 hrs
908	☐	SWMH-M8-006	12.98	92.62	w Maximum	0.22	0 - 10:02 hrs	0.00	234.09	0.00	21.01	1,329.60	1.21	7.48	0.22	0.00	0.00	0.00	0 - 00:00 hrs
909	☐	SWMH-M8-007	12.84	94.65	w Maximum	1.44	0 - 10:03 hrs	14.11	236.83	0.61	21.02	3,272.53	0.99	7.33	1.44	0.00	0.00	0.00	0 - 00:00 hrs
910	☐	SWMH-M8-008	12.43	95.91	w Maximum	0.67	0 - 10:03 hrs	0.00	93.26	0.00	7.47	286.91	0.92	7.93	0.67	0.00	0.00	0.00	0 - 00:00 hrs
911	☐	SWMH-M8-009	8.70	84.35	w Maximum	0.00	0 - 10:02 hrs	0.00	0.59	0.00	0.00	0.00	1.74	6.45	0.00	0.00	0.00	0.36	0 - 10:02 hrs
912	☐	SWMH-M8-016	12.35	96.00	w Maximum	0.00	0 - 10:03 hrs	0.00	95.87	0.00	7.49	-140.10	0.92	7.85	0.00	0.00	0.00	34.87	0 - 10:03 hrs
913	☐	SWMH-M8-017	13.78	96.43	w Maximum	0.66	0 - 10:02 hrs	0.00	139.44	0.00	12.95	241.00	0.94	8.78	0.66	0.00	0.00	0.00	0 - 00:00 hrs
914	☐	SWMH-M9-001	9.62	97.61	w Maximum	0.00	0 - 10:03 hrs	9.91	9.91	0.42	0.42	0.00	0.65	7.62	0.00	0.00	0.00	6.61	0 - 10:03 hrs
915	☐	SWMH-M9-002	7.13	98.79	w Maximum	3.12	0 - 10:42 hrs	26.96	113.54	1.17	6.35	709.25	6.71	3.13	3.12	0.00	0.00	0.00	0 - 00:00 hrs
916	☐	SWMH-M9-003	7.30	98.75	w Maximum	3.30	0 - 10:42 hrs	0.00	113.62	0.00	6.35	136.39	6.67	3.10	3.30	0.00	0.00	0.00	0 - 00:00 hrs
917	☐	SWMH-M9-004	13.80	103.39	w Maximum	0.00	0 - 10:03 hrs	8.95	131.57	0.35	6.49	933.26	0.36	9.18	0.00	0.00	0.00	20.17	0 - 10:03 hrs
918	☐	SWMH-M9-005	13.30	101.51	Surcharged	0.00	0 - 10:03 hrs	0.00	146.53	0.00	12.82	236.53	0.55	8.58	0.00	0.00	0.00	23.66	0 - 10:03 hrs
919	☐	SWMH-M9-006	12.26	96.91	w Maximum	0.92	0 - 10:03 hrs	0.00	143.82	0.00	12.95	119.23	0.98	7.76	0.92	0.00	0.00	0.00	0 - 00:00 hrs
920	☐	SWMH-M9-007	13.29	97.36	w Maximum	0.13	0 - 10:02 hrs	0.00	144.03	0.00	12.95	394.98	0.92	8.47	0.13	0.00	0.00	0.00	0 - 00:00 hrs
921	☐	SWMH-M9-008	14.05	97.51	Surcharged	0.00	0 - 10:02 hrs	0.00	143.28	0.00	12.95	-424.79	0.92	9.35	0.00	0.00	0.00	6.26	0 - 10:02 hrs
922	☐	SWMH-M9-009	14.40	97.15	Surcharged	0.00	0 - 10:02 hrs	0.00	140.00	0.00	12.96	865.61	0.94	9.40	0.00	0.00	0.00	2.74	0 - 10:02 hrs
923	☐	SWMH-M9-010	12.44	98.16	Surcharged	0.00	0 - 10:03 hrs	4.76	147.08	0.18	12.96	-512.18	0.88	7.68	0.00	0.00	0.00	0.43	0 - 10:03 hrs
924	☐	SWMH-N1-001	15.09	38.24	w Maximum	0.03	0 - 13:30 hrs	0.00	58.80	0.00	16.18	15,679.75	40.08	9.09	0.03	0.00	0.00	0.00	0 - 00:00 hrs
925	☐	SWMH-N1-005	10.34	36.00	w Maximum	0.00	0 - 09:53 hrs	1.51	66.73	0.05	24.52	15,475.72	38.59	6.00	0.00	3.15	12.12	15.62	0 - 12:41 hrs
926	☐	SWMH-N1-006	11.82	37.51	Surcharged	0.00	0 - 09:56 hrs	19.02	40.40	0.85	12.74	8,343.66	40.09	8.32	0.00	0.00	0.01	0.03	0 - 09:57 hrs
927	☐	SWMH-N1-007	13.13	38.46	w Maximum	1.54	0 - 12:17 hrs	0.00	43.61	0.00	13.65	7,826.19	30.12	4.87	1.54	0.00	0.00	0.00	0 - 00:00 hrs
928	☐	SWMH-N1-008	12.31	38.90	w Maximum	0.45	0 - 12:22 hrs	0.00	186.46	0.00	15.26	16,676.35	30.71	5.79	0.45	0.00	0.00	0.00	0 - 00:00 hrs
929	☐	SWMH-N1-009	12.24	38.94	Surcharged	-0.15	0 - 12:41 hrs	0.00	186.47	0.00	15.38	16,044.09	30.60	5.73	0.00	0.00	0.00	0.00	0 - 00:00 hrs
930	☐	SWMH-N1-010	8.32	39.00	w Maximum	0.02	0 - 12:21 hrs	0.00	54.08	0.00	5.96	4,521.77	28.95	4.32	0.02	0.00	0.00	0.00	0 - 00:00 hrs
931	☐	SWMH-N1-014	5.90	35.82	Surcharged	0.00	0 - 09:40 hrs	8.19	8.19	0.35	0.45	0.00	34.85	4.40	0.00	0.36	14.27	8.10	0 - 09:59 hrs

FUTURE CONDITIONS 5-YR 24-HR JUNCTIONS

		ID	Maximum Depth (ft)	Maximum HGL (ft)	Maximum HGL Head Class	Freeboard (ft)	Max.Depth Day-Time (day-time)	Maximum Lateral Inflow (cfs)	Maximum Total Inflow (cfs)	Lateral Inflow Volume (MG)	Total Inflow Volume (MG)	Flow Volume Difference (MG)	Total Surcharge Time (hrs)	Max.Surchar ge Height Above Crest (ft)	Min.Surchar ge Depth Below Rim (ft)	Total Flood Volume (MG)	Total Flood Time (hrs)	Maximum Flood Rate (cfs)	Max.Flood Day-Time (day-time)
932	☐	SWMH-N1-015	7.64	38.48	w Maximum	1.47	0 - 12:17 hrs	0.00	16.37	0.00	1.72	2,811.81	28.31	2.72	1.47	0.00	0.00	0.00	0 - 00:00 hrs
933	☐	SWMH-N1-016	12.93	38.85	w Maximum	1.37	0 - 12:21 hrs	0.00	43.60	0.00	13.49	815.64	39.95	9.43	1.37	0.00	0.00	0.00	0 - 00:00 hrs
934	☐	SWMH-N1-017	13.06	38.83	w Maximum	1.26	0 - 12:41 hrs	0.00	43.59	0.00	13.47	2,284.22	40.05	9.56	1.26	0.00	0.00	0.00	0 - 00:00 hrs
935	☐	SWMH-N2-001	6.84	39.47	w Maximum	0.00	0 - 09:56 hrs	0.00	20.26	0.00	1.93	3,245.63	28.43	3.95	0.00	0.00	0.00	0.04	0 - 09:57 hrs
936	☐	SWMH-N2-002	6.67	40.53	w Maximum	0.23	0 - 09:59 hrs	2.88	20.26	0.10	1.94	3,018.24	28.22	3.92	0.23	0.00	0.00	0.00	0 - 00:00 hrs
937	☐	SWMH-N2-003	7.17	41.26	w Maximum	0.68	0 - 09:59 hrs	8.50	17.82	0.36	1.85	2,758.61	26.20	4.42	0.68	0.00	0.00	0.00	0 - 00:00 hrs
938	☐	SWMH-N2-004	6.69	41.43	w Maximum	1.57	0 - 09:59 hrs	0.00	13.08	0.00	1.50	1,271.82	19.33	3.94	1.57	0.00	0.00	0.00	0 - 00:00 hrs
939	☐	SWMH-N2-005	6.45	41.33	Surcharged	0.00	0 - 09:56 hrs	0.00	13.09	0.00	1.50	470.64	15.24	3.40	0.00	0.00	0.00	2.77	0 - 09:56 hrs
940	☐	SWMH-N2-007	11.66	40.00	w Maximum	0.00	0 - 09:56 hrs	10.00	178.69	0.39	21.86	23,758.38	29.39	5.66	0.00	0.00	0.00	0.55	0 - 09:56 hrs
941	☐	SWMH-N2-008	12.42	41.59	Surcharged	0.00	0 - 09:56 hrs	0.00	169.75	0.00	20.96	12,142.58	28.77	6.42	0.00	0.00	0.00	0.89	0 - 09:56 hrs
942	☐	SWMH-N2-009	12.29	42.94	w Maximum	1.03	0 - 09:56 hrs	0.00	167.91	0.00	21.38	7,658.56	14.25	4.90	1.03	0.00	0.00	0.00	0 - 00:00 hrs
943	☐	SWMH-N2-010	12.76	43.50	w Maximum	0.00	0 - 09:56 hrs	0.00	167.87	0.00	21.52	18,765.48	12.53	5.26	0.00	0.00	0.00	5.09	0 - 09:56 hrs
944	☐	SWMH-N2-011	7.90	44.42	Surcharged	0.00	0 - 09:56 hrs	6.77	30.91	0.28	1.94	-5.78	5.29	5.05	0.00	0.00	0.00	28.51	0 - 09:56 hrs
945	☐	SWMH-N2-012	8.45	38.90	Surcharged	0.00	0 - 09:56 hrs	0.00	23.69	0.00	1.74	426.37	31.76	6.20	0.00	0.59	3.01	22.70	0 - 09:59 hrs
946	☐	SWMH-N2-013	8.40	38.86	Surcharged	0.00	0 - 09:56 hrs	0.00	16.64	0.00	1.64	638.34	31.74	6.15	0.00	1.02	3.63	16.64	0 - 10:15 hrs
947	☐	SWMH-N2-014	8.57	39.30	w Maximum	0.41	0 - 10:07 hrs	0.00	15.29	0.00	1.10	1,069.32	31.03	6.24	0.41	0.00	0.00	0.00	0 - 00:00 hrs
948	☐	SWMH-N2-015	8.55	39.57	Surcharged	0.00	0 - 09:55 hrs	0.00	15.29	0.00	1.11	800.51	30.71	6.30	0.00	0.00	0.01	0.12	0 - 09:55 hrs
949	☐	SWMH-N2-016	8.18	39.58	Surcharged	0.00	0 - 09:53 hrs	24.01	24.01	1.20	1.20	0.00	30.50	6.18	0.00	0.10	0.58	14.04	0 - 10:03 hrs
950	☐	SWMH-N2-017	9.27	41.60	w Maximum	0.57	0 - 09:56 hrs	0.00	17.19	0.00	1.15	1,246.93	29.26	7.01	0.57	0.00	0.00	0.00	0 - 00:00 hrs
951	☐	SWMH-N2-018	7.70	41.24	Surcharged	0.00	0 - 09:56 hrs	9.71	17.56	0.42	1.19	1,922.51	28.57	5.45	0.00	0.02	0.28	5.65	0 - 10:03 hrs
952	☐	SWMH-N2-019	7.05	42.63	w Maximum	0.00	0 - 09:52 hrs	0.00	9.76	0.00	0.77	397.31	16.26	4.80	0.00	0.00	0.00	3.29	0 - 09:52 hrs
953	☐	SWMH-N2-020	7.54	39.18	w Maximum	0.73	0 - 09:56 hrs	12.72	54.09	0.59	5.97	6,334.00	28.43	3.42	0.73	0.00	0.00	0.00	0 - 00:00 hrs
954	☐	SWMH-N2-022	4.40	44.86	w Maximum	0.00	0 - 09:53 hrs	16.93	16.93	0.83	0.83	0.00	1.62	2.90	0.00	0.06	0.45	9.08	0 - 10:03 hrs
955	☐	SWMH-N2-023	4.85	39.09	w Maximum	0.00	0 - 09:56 hrs	0.00	0.89	0.00	0.00	0.00	28.35	3.10	0.00	0.00	0.00	0.02	0 - 09:56 hrs
956	☐	SWMH-N3-001	6.24	49.11	Surcharged	0.00	0 - 09:59 hrs	15.19	43.94	0.72	0.92	139.02	1.34	3.49	0.00	0.00	0.04	5.17	0 - 10:00 hrs
957	☐	SWMH-N3-002	5.91	49.27	Surcharged	0.00	0 - 09:59 hrs	0.00	6.83	0.00	0.21	5.71	1.16	3.41	0.00	0.00	0.00	4.23	0 - 09:59 hrs
958	☐	SWMH-N3-003	6.02	50.58	w Maximum	0.00	0 - 09:59 hrs	19.24	32.15	0.96	3.67	766.82	2.45	3.75	0.00	0.02	0.21	7.02	0 - 10:03 hrs
959	☐	SWMH-N3-004	6.00	51.18	w Maximum	0.32	0 - 10:00 hrs	0.00	14.33	0.00	2.71	297.20	2.50	3.75	0.32	0.00	0.00	0.00	0 - 00:00 hrs
960	☐	SWMH-N3-005	5.04	48.66	Surcharged	0.00	0 - 09:59 hrs	4.86	11.49	0.21	0.24	36.37	1.34	3.00	0.00	0.04	0.24	9.72	0 - 10:03 hrs
961	☐	SWMH-N3-007	8.45	45.20	w Maximum	0.00	0 - 09:56 hrs	16.80	67.81	0.82	6.99	-1,645.26	3.73	4.70	0.00	0.00	0.00	1.39	0 - 09:56 hrs
962	☐	SWMH-N3-008	8.74	46.76	w Maximum	0.00	0 - 09:56 hrs	0.00	53.22	0.00	6.18	1,105.96	2.97	4.99	0.00	0.00	0.00	10.77	0 - 09:56 hrs
963	☐	SWMH-N3-010	5.54	48.12	Surcharged	0.00	0 - 09:49 hrs	18.82	23.54	0.95	2.10	169.17	3.32	3.54	0.00	0.00	0.10	4.41	0 - 09:49 hrs
964	☐	SWMH-N3-011	5.62	51.30	w Maximum	0.50	0 - 10:11 hrs	0.00	8.59	0.00	1.65	68.63	3.51	3.87	0.50	0.00	0.00	0.00	0 - 00:00 hrs
965	☐	SWMH-N3-012	4.89	51.29	w Maximum	0.00	0 - 09:57 hrs	0.00	8.58	0.00	1.66	95.73	3.86	3.39	0.00	0.00	0.25	0.20	0 - 10:06 hrs
966	☐	SWMH-N3-013	4.90	51.80	Surcharged	0.00	0 - 09:45 hrs	19.05	22.48	0.94	1.86	218.76	6.92	3.40	0.00	0.21	1.15	18.84	0 - 10:03 hrs
967	☐	SWMH-N3-014	9.22	47.62	Surcharged	0.00	0 - 09:56 hrs	27.96	58.33	1.34	6.21	954.79	3.41	5.50	0.00	0.02	0.14	7.32	0 - 10:03 hrs
968	☐	SWMH-N3-019	4.74	49.07	Surcharged	0.00	0 - 09:51 hrs	6.31	6.31	0.26	0.26	23.42	3.10	3.74	0.00	0.02	0.44	3.48	0 - 09:59 hrs
969	☐	SWMH-N3-020	5.90	48.50	w Maximum	0.00	0 - 09:49 hrs	0.00	8.05	0.00	0.94	133.71	4.14	4.40	0.00	0.00	0.12	0.22	0 - 09:49 hrs
970	☐	SWMH-N3-024	10.23	49.53	w Maximum	0.00	0 - 09:59 hrs	7.37	48.79	0.29	5.10	1,422.32	1.16	3.67	0.00	0.00	0.00	18.88	0 - 09:59 hrs
971	☐	SWMH-N3-026	4.80	49.67	Surcharged	0.00	0 - 09:56 hrs	0.00	7.64	0.00	0.07	0.00	2.74	2.95	0.00	0.06	0.39	7.64	0 - 10:08 hrs
972	☐	SWMH-N4-001	5.65	51.22	Surcharged	0.00	0 - 09:57 hrs	10.70	21.12	0.47	1.12	183.98	1.55	3.37	0.00	0.05	0.26	13.22	0 - 10:03 hrs
973	☐	SWMH-N4-002	7.60	50.18	w Maximum	0.50	0 - 09:59 hrs	0.00	99.08	0.00	7.18	276.83	1.50	3.60	0.50	0.00	0.00	0.00	0 - 00:00 hrs
974	☐	SWMH-N4-003	6.80	51.44	w Maximum	0.00	0 - 09:59 hrs	2.86	33.58	0.10	2.46	128.48	1.63	3.72	0.00	0.00	0.01	1.40	0 - 09:59 hrs
975	☐	SWMH-N4-004	6.40	55.17	w Maximum	0.00	0 - 09:57 hrs	0.00	26.47	0.00	2.10	125.83	1.09	3.58	0.00	0.00	0.00	0.95	0 - 09:57 hrs
976	☐	SWMH-N4-005	6.36	55.61	w Maximum	0.00	0 - 09:57 hrs	12.43	26.48	0.56	2.10	103.92	1.22	3.86	0.00	0.00	0.00	0.34	0 - 09:57 hrs
977	☐	SWMH-N4-006	6.15	55.23	w Maximum	0.00	0 - 09:56 hrs	0.00	18.02	0.00	1.56	411.81	1.85	3.98	0.00	0.00	0.04	0.26	0 - 09:59 hrs
978	☐	SWMH-N4-007	6.08	56.01	w Maximum	0.00	0 - 09:51 hrs	34.28	34.28	1.74	1.75	211.95	2.18	4.08	0.00	0.18	0.57	25.17	0 - 10:03 hrs
979	☐	SWMH-N4-008	6.87	57.12	Surcharged	0.00	0 - 09:51 hrs	0.00	3.37	0.00	0.02	35.63	1.84	4.87	0.00	0.00	0.00	1.59	0 - 09:51 hrs
980	☐	SWMH-N4-009	7.39	50.98	w Maximum	0.29	0 - 10:00 hrs	0.00	30.46	0.00	0.88	645.85	1.76	4.82	0.29	0.00	0.00	0.00	0 - 00:00 hrs

FUTURE CONDITIONS 5-YR 24-HR JUNCTIONS

		ID	Maximum Depth (ft)	Maximum HGL (ft)	Maximum HGL Head Class	Freeboard (ft)	Max.Depth Day-Time (day-time)	Maximum Lateral Inflow (cfs)	Maximum Total Inflow (cfs)	Lateral Inflow Volume (MG)	Total Inflow Volume (MG)	Flow Volume Difference (MG)	Total Surcharge Time (hrs)	Max.Surchar ge Height Above Crown	Min.Surchar ge Depth Below Rim (ft)	Total Flood Volume (MG)	Total Flood Time (hrs)	Maximum Flood Rate (cfs)	Max.Flood Day-Time (day-time)
981	☐	SWMH-N4-010	7.30	51.56	Maximum	0.00	0 - 09:59 hrs	8.70	30.47	0.37	0.88	47.31	1.54	4.80	0.00	0.00	0.01	1.06	0 - 09:59 hrs
982	☐	SWMH-N4-011	5.50	51.76	Maximum	0.00	0 - 09:57 hrs	8.77	36.20	0.37	2.81	563.23	1.64	2.95	0.00	0.02	0.21	5.79	0 - 10:03 hrs
983	☐	SWMH-N4-012	5.28	52.15	Surcharged	0.00	0 - 09:59 hrs	0.00	28.23	0.00	2.44	312.25	1.61	2.73	0.00	0.00	0.01	0.01	0 - 10:00 hrs
984	☐	SWMH-N4-021	7.34	50.57	Surcharged	0.00	0 - 09:56 hrs	6.44	40.44	0.26	1.27	-330.50	1.72	4.44	0.00	0.00	0.00	7.74	0 - 09:56 hrs
985	☐	SWMH-N4-022	6.00	50.67	Surcharged	0.00	0 - 09:56 hrs	0.00	10.60	0.00	0.13	-9.19	1.70	4.50	0.00	0.00	0.00	9.86	0 - 09:56 hrs
986	☐	SWMH-N4-025	6.28	57.85	Surcharged	0.00	0 - 09:51 hrs	0.00	2.92	0.00	0.00	0.00	1.56	4.78	0.00	0.00	0.00	2.72	0 - 09:51 hrs
987	☐	SWMH-N4-026	4.50	54.80	Surcharged	0.00	0 - 09:52 hrs	0.00	2.03	0.00	0.01	0.00	1.60	3.25	0.00	0.01	0.25	2.03	0 - 10:03 hrs
988	☐	SWMH-N4-030	7.05	52.10	Surcharged	0.00	0 - 09:56 hrs	0.00	30.96	0.00	0.51	-134.74	1.06	3.28	0.00	0.00	0.00	14.80	0 - 09:56 hrs
989	☐	SWMH-N4-031	5.43	52.33	Surcharged	0.00	0 - 09:53 hrs	48.49	48.49	2.72	2.72	0.00	1.78	2.73	0.00	0.28	0.59	35.72	0 - 10:03 hrs
990	☐	SWMH-N4-032	6.25	51.33	Maximum	0.00	0 - 09:57 hrs	1.99	46.15	0.07	3.59	-353.14	1.46	3.25	0.00	0.00	0.03	24.86	0 - 09:57 hrs
991	☐	SWMH-N4-033	6.10	55.37	Surcharged	0.00	0 - 09:57 hrs	0.00	18.02	0.00	1.55	31.93	1.50	4.10	0.00	0.00	0.00	0.28	0 - 09:57 hrs
992	☐	SWMH-N5-001	12.76	53.63	Maximum	8.98	0 - 09:56 hrs	33.34	164.98	1.54	16.43	14,359.82	1.99	3.64	8.98	0.00	0.00	0.00	0 - 00:00 hrs
993	☐	SWMH-N5-003	9.01	54.27	Maximum	0.23	0 - 09:56 hrs	0.00	25.55	0.00	1.22	4,621.06	3.06	5.01	0.23	0.00	0.00	0.00	0 - 00:00 hrs
994	☐	SWMH-N5-004	8.43	54.26	Maximum	1.74	0 - 09:56 hrs	0.00	13.53	0.00	1.18	2,021.18	2.22	4.43	1.74	0.00	0.00	0.00	0 - 00:00 hrs
995	☐	SWMH-N5-005	6.50	54.07	Maximum	0.23	0 - 09:56 hrs	0.00	13.04	0.00	1.15	571.40	2.85	4.50	0.23	0.00	0.00	0.00	0 - 00:00 hrs
996	☐	SWMH-N5-007	5.19	53.80	Maximum	0.00	0 - 09:48 hrs	26.65	26.65	1.29	1.29	0.00	2.22	3.19	0.00	0.15	0.57	20.36	0 - 10:03 hrs
997	☐	SWMH-N5-009	3.43	51.38	Surcharged	0.00	0 - 09:53 hrs	0.00	23.12	0.00	0.17	20.80	0.84	0.68	0.00	0.14	0.38	23.11	0 - 10:03 hrs
998	☐	SWMH-N5-013	4.84	51.98	Maximum	5.05	0 - 10:03 hrs	0.00	22.84	0.00	0.22	292.02	1.11	2.09	5.05	0.00	0.00	0.00	0 - 00:00 hrs
999	☐	SWMH-N5-015	3.70	53.57	Maximum	0.00	0 - 09:56 hrs	0.00	5.70	0.00	0.00	0.00	0.79	1.70	0.00	0.00	0.00	1.17	0 - 09:56 hrs
1000	☐	SWMH-N6-001	18.38	56.26	Surcharged	0.00	0 - 00:00 hrs	0.00	361.82	0.00	17.09	12,440.86	47.98	13.25	0.00	0.01	0.00	239.21	0 - 00:00 hrs
1001	☐	SWMH-N6-002	8.70	55.43	Maximum	3.84	0 - 09:49 hrs	26.68	66.56	1.34	6.13	1,622.83	6.47	5.95	3.84	0.00	0.00	0.00	0 - 00:00 hrs
1002	☐	SWMH-N6-003	12.65	61.16	Surcharged	0.00	0 - 09:49 hrs	0.00	43.78	0.00	4.75	-592.77	1.88	9.30	0.00	0.00	0.00	4.93	0 - 09:49 hrs
1003	☐	SWMH-N6-004	0.41	53.79	Flow Link Cro	7.54	0 - 10:04 hrs	0.00	0.24	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0 - 00:00 hrs
1004	☐	SWMH-N6-005	1.46	53.74	Flow Link Cro	8.02	0 - 10:04 hrs	15.21	15.21	0.64	0.64	116.24	0.00	0.00	0.00	0.00	0.00	0.00	0 - 00:00 hrs
1005	☐	SWMH-N6-006	15.93	60.89	Surcharged	0.00	0 - 00:01 hrs	0.00	28.61	0.00	0.66	594.92	47.95	13.75	0.00	0.00	0.00	9.70	0 - 00:01 hrs
1006	☐	SWMH-N6-013	6.31	53.71	Maximum	5.29	0 - 09:52 hrs	0.00	36.74	0.00	2.27	399.41	2.34	4.31	5.29	0.00	0.00	0.00	0 - 00:00 hrs
1007	☐	SWMH-N6-014?	6.67	52.61	Maximum	0.65	0 - 00:00 hrs	0.00	38.87	0.00	2.27	751.94	47.98	4.16	0.65	0.00	0.00	0.00	0 - 00:00 hrs
1008	☐	SWMH-N6-017	8.92	54.95	Maximum	3.58	0 - 00:03 hrs	0.00	66.56	0.00	6.15	1,955.48	3.44	5.42	3.58	0.00	0.00	0.00	0 - 00:00 hrs
1009	☐	SWMH-N7-003	3.77	56.23	Flow Link Cro	10.59	0 - 10:04 hrs	0.00	32.45	0.00	5.47	957.32	0.00	0.00	0.00	0.00	0.00	0.00	0 - 00:00 hrs
1010	☐	SWMH-N7-004	3.40	56.65	Maximum	7.85	0 - 10:03 hrs	0.00	26.06	0.00	5.15	320.01	1.68	0.89	7.85	0.00	0.00	0.00	0 - 00:00 hrs
1011	☐	SWMH-N7-005	1.98	57.86	Flow Link Cro	10.64	0 - 10:04 hrs	0.00	25.85	0.00	5.14	260.17	0.00	0.00	0.00	0.00	0.00	0.00	0 - 00:00 hrs
1012	☐	SWMH-N7-006	7.19	68.00	Maximum	0.00	0 - 09:41 hrs	30.79	41.79	1.76	5.26	804.88	6.23	5.19	0.00	0.12	0.62	16.54	0 - 10:03 hrs
1013	☐	SWMH-N7-007	5.50	64.78	Maximum	0.00	0 - 09:59 hrs	7.87	7.87	0.31	0.31	0.00	0.24	4.00	0.00	0.00	0.00	0.94	0 - 09:59 hrs
1014	☐	SWMH-N8-001	1.81	64.13	Flow Link Cro	7.87	0 - 10:15 hrs	0.00	25.20	0.00	2.26	94.95	0.00	0.00	0.00	0.00	0.00	0.00	0 - 00:00 hrs
1015	☐	SWMH-N8-002	10.92	80.00	Maximum	0.00	0 - 09:55 hrs	38.75	38.75	2.33	2.33	0.00	1.49	8.92	0.00	0.07	0.34	13.55	0 - 10:03 hrs
1016	☐	SWMH-N8-003	1.66	69.12	Flow Link Cro	8.58	0 - 10:04 hrs	0.00	33.35	0.00	1.94	-275.79	0.00	0.00	0.00	0.00	0.00	0.00	0 - 00:00 hrs
1017	☐	SWMH-N8-004	2.18	71.76	Flow Link Cro	3.24	0 - 10:04 hrs	33.90	33.90	1.94	1.94	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0 - 00:00 hrs
1018	☐	SWMH-N8-005	7.65	71.00	Maximum	0.00	0 - 09:38 hrs	17.18	34.25	0.88	4.14	1,137.04	8.05	5.65	0.00	0.63	2.67	23.25	0 - 10:03 hrs
1019	☐	SWMH-N8-007	12.71	78.80	Surcharged	0.00	0 - 09:38 hrs	61.02	61.02	3.83	3.83	0.00	7.46	10.71	0.00	0.57	1.70	43.92	0 - 10:03 hrs
1020	☐	SWMH-O1-001	12.38	38.87	Surcharged	-0.98	0 - 12:26 hrs	0.00	285.07	0.00	34.64	37,162.36	30.80	5.83	0.00	0.00	0.00	0.00	0 - 00:00 hrs
1021	☐	SWMH-O2-001	9.72	39.48	Maximum	0.52	0 - 10:53 hrs	0.00	88.42	0.00	13.48	17,605.78	29.32	4.90	0.52	0.00	0.00	0.00	0 - 00:00 hrs
1022	☐	SWMH-O2-002	9.79	40.47	Maximum	0.53	0 - 09:56 hrs	10.10	88.41	0.42	12.94	16,118.48	29.04	5.29	0.53	0.00	0.00	0.00	0 - 00:00 hrs
1023	☐	SWMH-O2-003	11.56	43.55	Surcharged	-0.55	0 - 09:56 hrs	28.79	104.84	1.39	14.88	29,132.05	20.24	6.03	0.00	0.00	0.00	0.00	0 - 00:00 hrs
1024	☐	SWMH-O2-005	9.21	40.03	Maximum	1.97	0 - 09:56 hrs	0.00	13.63	0.00	1.17	3,229.25	28.80	4.40	1.97	0.00	0.00	0.00	0 - 00:00 hrs
1025	☐	SWMH-O2-006	8.47	40.02	Maximum	0.05	0 - 09:56 hrs	9.04	13.66	0.39	1.18	1,987.33	31.16	5.41	0.05	0.00	0.00	0.00	0 - 00:00 hrs
1026	☐	SWMH-O2-007	8.23	40.04	Maximum	0.00	0 - 09:51 hrs	11.42	22.68	0.51	1.00	713.26	39.93	5.73	0.00	0.01	0.20	4.56	0 - 09:59 hrs
1027	☐	SWMH-O2-008	8.20	40.47	Maximum	0.15	0 - 09:59 hrs	11.27	11.27	0.49	0.49	0.00	33.67	5.95	0.15	0.00	0.00	0.00	0 - 00:00 hrs
1028	☐	SWMH-O2-009	7.20	42.07	Surcharged	0.00	0 - 09:56 hrs	0.00	55.40	0.00	2.59	2,107.08	11.90	3.63	0.00	0.64	0.90	55.40	0 - 10:03 hrs
1029	☐	SWMH-O2-013	8.52	44.39	Maximum	0.00	0 - 09:56 hrs	0.00	70.74	0.00	3.84	-1,108.62	3.54	4.30	0.00	0.00	0.00	30.04	0 - 09:56 hrs

FUTURE CONDITIONS 5-YR 24-HR JUNCTIONS

		ID	Maximum Depth (ft)	Maximum HGL (ft)	Maximum HGL Head Class	Freeboard (ft)	Max.Depth Day-Time (day-time)	Maximum Lateral Inflow (cfs)	Maximum Total Inflow (cfs)	Lateral Inflow Volume (MG)	Total Inflow Volume (MG)	Flow Volume Difference (MG)	Total Surcharge Time (hrs)	Max.Surchar ge Height Above Crown	Min.Surchar ge Depth Below Rim (ft)	Total Flood Volume (MG)	Total Flood Time (hrs)	Maximum Flood Rate (cfs)	Max.Flood Day-Time (day-time)
1030	☐	SWMH-O2-014	12.93	44.15	Maximum	0.41	0 - 09:57 hrs	0.00	142.75	0.00	19.10	16,480.14	5.77	4.79	0.41	0.00	0.00	0.00	0 - 00:00 hrs
1031	☐	SWMH-O2-016	8.08	39.76	Surcharged	0.00	0 - 09:49 hrs	0.00	18.56	0.00	0.98	0.00	30.85	5.08	0.00	0.18	0.85	18.55	0 - 09:59 hrs
1032	☐	SWMH-O3-002	7.84	45.06	Maximum	0.00	0 - 09:57 hrs	0.23	31.43	0.01	1.60	1,617.72	3.68	5.00	0.00	0.00	0.00	28.71	0 - 09:57 hrs
1033	☐	SWMH-O3-005	8.50	49.24	Maximum	0.00	0 - 10:00 hrs	11.14	29.25	0.47	1.61	-228.78	2.14	5.75	0.00	0.00	0.01	24.27	0 - 10:00 hrs
1034	☐	SWMH-O3-006	7.52	49.23	Maximum	0.00	0 - 10:00 hrs	0.00	40.30	0.00	1.15	19.90	1.80	4.77	0.00	0.00	0.01	0.73	0 - 10:00 hrs
1035	☐	SWMH-O3-007	6.58	49.36	Maximum	0.00	0 - 09:59 hrs	0.00	43.91	0.00	0.74	403.76	1.29	3.80	0.00	0.00	0.00	20.20	0 - 09:59 hrs
1036	☐	SWMH-O3-008	7.06	49.41	Maximum	0.29	0 - 10:00 hrs	0.00	8.84	0.00	0.41	-16.84	1.86	5.01	0.29	0.00	0.00	0.00	0 - 00:00 hrs
1037	☐	SWMH-O3-009	6.74	49.35	Surcharged	0.00	0 - 10:00 hrs	0.00	9.26	0.00	0.41	70.06	1.61	4.66	0.00	0.00	0.00	7.83	0 - 10:00 hrs
1038	☐	SWMH-O3-010	13.30	44.62	Maximum	0.35	0 - 09:57 hrs	2.77	124.13	0.10	10.52	9,747.47	26.76	7.80	0.35	0.00	0.00	0.00	0 - 00:00 hrs
1039	☐	SWMH-O3-013	13.06	45.22	Maximum	0.00	0 - 09:57 hrs	22.34	121.87	1.11	10.61	13,485.47	18.39	7.56	0.00	0.00	0.01	5.48	0 - 09:57 hrs
1040	☐	SWMH-O3-014	13.30	46.70	Maximum	0.00	0 - 09:57 hrs	0.00	99.54	0.00	9.58	2,693.97	8.62	7.80	0.00	0.00	0.00	2.51	0 - 09:57 hrs
1041	☐	SWMH-O3-015	13.18	46.68	Maximum	0.00	0 - 09:56 hrs	0.00	99.53	0.00	9.60	2,431.67	11.21	8.18	0.00	0.00	0.01	7.77	0 - 09:57 hrs
1042	☐	SWMH-O3-016	13.25	48.66	Maximum	0.00	0 - 09:56 hrs	21.73	99.59	1.04	9.64	578.95	3.56	8.25	0.00	0.00	0.00	3.54	0 - 09:56 hrs
1043	☐	SWMH-O3-017	13.80	49.63	Maximum	0.00	0 - 09:56 hrs	0.00	83.39	0.00	8.60	1,172.29	3.71	9.30	0.00	0.00	0.00	32.82	0 - 09:56 hrs
1044	☐	SWMH-O3-018	12.30	49.88	Maximum	0.00	0 - 09:57 hrs	13.18	96.49	0.62	8.60	260.51	2.37	7.30	0.00	0.00	0.00	73.70	0 - 09:57 hrs
1045	☐	SWMH-O3-019	10.04	49.85	Maximum	0.00	0 - 09:59 hrs	0.00	98.08	0.00	8.01	342.55	1.89	5.52	0.00	0.00	0.01	82.04	0 - 09:59 hrs
1046	☐	SWMH-O3-020	7.85	45.99	Surcharged	0.00	0 - 09:56 hrs	0.00	121.33	0.00	13.55	5,427.56	4.36	3.35	0.00	0.78	0.98	59.26	0 - 10:03 hrs
1047	☐	SWMH-O3-021	9.95	48.45	Maximum	0.00	0 - 09:56 hrs	29.77	128.65	1.52	13.73	984.49	4.18	5.45	0.00	0.00	0.00	32.63	0 - 09:56 hrs
1048	☐	SWMH-O3-022	9.02	48.55	Maximum	0.00	0 - 09:57 hrs	6.05	123.35	0.45	12.20	3,079.54	3.38	4.02	0.00	0.11	0.36	88.52	0 - 09:57 hrs
1049	☐	SWMH-O3-025	7.83	49.19	Maximum	0.00	0 - 09:59 hrs	0.00	23.17	0.00	1.18	-170.27	2.15	5.62	0.00	0.01	0.02	18.89	0 - 09:59 hrs
1050	☐	SWMH-O3-031	6.53	49.40	Surcharged	0.00	0 - 09:56 hrs	0.00	5.44	0.00	0.22	-51.26	3.39	4.78	0.00	0.00	0.03	4.93	0 - 09:56 hrs
1051	☐	SWMH-O3-032	5.82	49.42	Surcharged	0.00	0 - 09:57 hrs	0.00	5.06	0.00	0.24	-64.56	3.14	4.19	0.00	0.01	0.42	4.32	0 - 09:57 hrs
1052	☐	SWMH-O3-033	5.46	49.86	Maximum	0.00	0 - 09:57 hrs	6.20	6.20	0.25	0.25	87.61	2.76	3.60	0.00	0.00	0.02	0.50	0 - 09:57 hrs
1053	☐	SWMH-O3-034	5.60	45.85	Maximum	0.00	0 - 09:56 hrs	6.80	13.72	0.28	0.45	0.00	5.19	4.10	0.00	0.26	1.19	13.69	0 - 09:59 hrs
1054	☐	SWMH-O3-036	7.45	49.19	Surcharged	0.00	0 - 09:57 hrs	12.46	14.25	0.58	0.80	165.11	4.05	5.43	0.00	0.03	0.37	6.76	0 - 10:03 hrs
1055	☐	SWMH-O4-001	8.89	50.24	Maximum	0.00	0 - 09:59 hrs	0.00	99.71	0.00	6.83	303.22	1.61	4.82	0.00	0.01	0.01	71.61	0 - 09:59 hrs
1056	☐	SWMH-O4-002	7.15	52.76	Maximum	0.00	0 - 09:59 hrs	0.00	30.96	0.00	2.36	-50.73	1.44	4.08	0.00	0.00	0.00	0.04	0 - 09:59 hrs
1057	☐	SWMH-O4-003	8.20	54.46	Maximum	0.12	0 - 09:59 hrs	3.61	30.98	0.13	2.36	-170.02	1.34	5.13	0.12	0.00	0.00	0.00	0 - 00:00 hrs
1058	☐	SWMH-O4-004	8.55	55.48	Maximum	0.55	0 - 09:57 hrs	3.48	30.12	0.12	2.23	209.59	1.22	5.55	0.55	0.00	0.00	0.00	0 - 00:00 hrs
1059	☐	SWMH-O4-005	7.25	54.81	Surcharged	0.00	0 - 09:56 hrs	0.00	26.00	0.00	2.10	243.23	1.34	4.43	0.00	0.00	0.00	1.39	0 - 09:57 hrs
1060	☐	SWMH-O4-006	6.92	53.47	Surcharged	0.00	0 - 09:56 hrs	16.38	56.76	0.81	4.75	608.06	2.69	3.86	0.00	0.30	0.69	33.66	0 - 10:03 hrs
1061	☐	SWMH-O4-007	6.95	55.58	Maximum	0.00	0 - 09:56 hrs	22.76	38.14	1.08	3.18	609.17	1.99	3.90	0.00	0.00	0.00	6.60	0 - 09:56 hrs
1062	☐	SWMH-O4-008	8.22	57.09	Surcharged	0.00	0 - 09:56 hrs	0.00	21.27	0.00	2.10	433.68	1.71	4.88	0.00	0.00	0.00	12.16	0 - 09:56 hrs
1063	☐	SWMH-O4-010	6.15	54.20	Maximum	0.00	0 - 09:56 hrs	0.00	11.87	0.00	0.81	155.23	2.57	4.15	0.00	0.00	0.03	8.14	0 - 09:56 hrs
1064	☐	SWMH-O4-013	7.90	49.65	Surcharged	0.00	0 - 09:59 hrs	0.00	22.96	0.00	1.18	270.08	2.25	5.72	0.00	0.00	0.02	1.25	0 - 09:59 hrs
1065	☐	SWMH-O4-014	7.68	49.67	Surcharged	0.00	0 - 09:59 hrs	0.00	22.99	0.00	1.18	-71.64	2.17	5.47	0.00	0.00	0.01	0.21	0 - 10:00 hrs
1066	☐	SWMH-O4-015	7.51	50.11	Maximum	0.00	0 - 09:59 hrs	24.20	24.20	1.23	1.23	0.00	1.98	5.13	0.00	0.05	0.28	12.04	0 - 10:00 hrs
1067	☐	SWMH-O4-016	7.40	54.35	Surcharged	0.00	0 - 09:52 hrs	15.08	16.47	0.70	0.82	190.63	2.35	5.90	0.00	0.08	0.57	11.02	0 - 10:03 hrs
1068	☐	SWMH-O4-018	5.58	58.50	Surcharged	0.00	0 - 09:56 hrs	0.00	2.88	0.00	0.59	317.82	3.81	4.58	0.00	0.00	0.01	0.02	0 - 09:56 hrs
1069	☐	SWMH-O4-019	4.55	49.85	Surcharged	0.00	0 - 09:59 hrs	0.00	1.83	0.00	0.00	0.00	1.46	3.55	0.00	0.00	0.00	0.14	0 - 09:59 hrs
1070	☐	SWMH-O4-020	7.60	49.34	Surcharged	0.00	0 - 09:59 hrs	14.09	98.51	0.67	6.98	466.83	1.54	3.20	0.00	0.14	0.27	38.68	0 - 10:00 hrs
1071	☐	SWMH-O4-023	5.05	56.11	Surcharged	0.00	0 - 09:56 hrs	8.13	8.13	0.33	0.33	0.00	1.88	3.80	0.00	0.03	0.37	5.28	0 - 09:59 hrs
1072	☐	SWMH-O4-025	5.90	56.32	Surcharged	0.00	0 - 09:56 hrs	0.00	7.35	0.00	0.00	0.00	1.67	4.15	0.00	0.00	0.01	6.99	0 - 09:56 hrs
1073	☐	SWMH-O4-026	7.72	56.69	Surcharged	0.00	0 - 09:56 hrs	0.00	18.23	0.00	0.67	113.76	1.55	3.80	0.00	0.00	0.01	17.47	0 - 09:56 hrs
1074	☐	SWMH-O4-030	4.85	56.41	Surcharged	0.00	0 - 09:52 hrs	5.29	5.29	0.20	0.20	62.50	1.73	3.75	0.00	0.00	0.14	2.93	0 - 09:57 hrs
1075	☐	SWMH-O5-001	12.12	54.21	Maximum	4.53	0 - 09:56 hrs	0.00	130.90	0.00	13.49	7,849.50	47.81	7.10	4.53	0.00	0.00	0.00	0 - 00:00 hrs
1076	☐	SWMH-O5-002	12.18	55.03	Maximum	2.47	0 - 09:56 hrs	0.00	130.90	0.00	13.44	9,796.73	47.63	6.89	2.47	0.00	0.00	0.00	0 - 00:00 hrs
1077	☐	SWMH-O5-003	12.07	56.20	Maximum	3.20	0 - 09:56 hrs	0.00	115.28	0.00	11.88	11,928.20	3.96	6.88	3.20	0.00	0.00	0.00	0 - 00:00 hrs
1078	☐	SWMH-O5-004	11.92	56.87	Maximum	0.98	0 - 09:56 hrs	0.00	115.28	0.00	11.76	6,064.93	3.08	6.92	0.98	0.00	0.00	0.00	0 - 00:00 hrs

FUTURE CONDITIONS 5-YR 24-HR JUNCTIONS

		ID	Maximum Depth (ft)	Maximum HGL (ft)	Maximum HGL Head Class	Freeboard (ft)	Max.Depth Day-Time (day-time)	Maximum Lateral Inflow (cfs)	Maximum Total Inflow (cfs)	Lateral Inflow Volume (MG)	Total Inflow Volume (MG)	Flow Volume Difference (MG)	Total Surcharge Time (hrs)	Max.Surchar ge Height Above Crown	Min.Surchar ge Depth Below Rim (ft)	Total Flood Volume (MG)	Total Flood Time (hrs)	Maximum Flood Rate (cfs)	Max.Flood Day-Time (day-time)
1079	☐	SWMH-O5-005	11.86	57.49	w Maximum	0.19	0 - 09:55 hrs	0.00	115.25	0.00	11.69	3,320.32	2.47	6.71	0.19	0.00	0.00	0.00	0 - 00:00 hrs
1080	☐	SWMH-O5-006	11.50	57.68	Surcharged	0.00	0 - 09:55 hrs	0.00	144.31	0.00	11.79	2,684.76	2.34	6.42	0.00	0.16	0.29	33.55	0 - 10:03 hrs
1081	☐	SWMH-O5-007	11.41	58.47	w Maximum	1.03	0 - 09:55 hrs	55.41	144.32	3.16	11.75	1,744.01	2.06	6.41	1.03	0.00	0.00	0.00	0 - 00:00 hrs
1082	☐	SWMH-O5-009	5.50	57.63	w Maximum	0.00	0 - 09:56 hrs	0.00	14.16	0.00	0.82	412.52	1.59	3.10	0.00	0.04	0.56	12.47	0 - 09:56 hrs
1083	☐	SWMH-O5-010	8.40	59.83	Surcharged	0.00	0 - 09:56 hrs	13.51	14.22	0.57	1.45	0.00	2.44	4.85	0.00	0.00	0.00	0.00	0 - 09:56 hrs
1084	☐	SWMH-O5-013	4.90	58.05	w Maximum	0.00	0 - 09:56 hrs	19.12	19.12	0.93	0.93	0.00	1.73	3.15	0.00	0.11	0.66	13.24	0 - 10:03 hrs
1085	☐	SWMH-O5-014	6.20	59.46	Surcharged	0.00	0 - 09:56 hrs	0.00	11.32	0.00	1.49	75.08	2.49	4.55	0.00	0.02	0.23	5.22	0 - 09:59 hrs
1086	☐	SWMH-O5-015	5.90	59.78	w Maximum	0.00	0 - 09:42 hrs	14.57	14.57	0.62	0.62	0.00	6.94	4.90	0.00	0.14	1.02	13.62	0 - 09:59 hrs
1087	☐	SWMH-O5-019	5.90	59.96	Surcharged	0.00	0 - 09:48 hrs	26.02	26.02	1.23	1.23	0.00	2.75	4.38	0.00	0.22	0.89	22.57	0 - 10:03 hrs
1088	☐	SWMH-O5-021	9.80	55.90	Surcharged	0.00	0 - 09:56 hrs	0.00	18.89	0.00	1.47	1,036.02	47.55	7.60	0.00	0.00	0.00	0.01	0 - 09:56 hrs
1089	☐	SWMH-O5-022	9.73	57.04	w Maximum	0.07	0 - 09:56 hrs	0.00	18.90	0.00	1.46	443.84	4.12	7.70	0.07	0.00	0.00	0.00	0 - 00:00 hrs
1090	☐	SWMH-O5-023	9.42	57.56	w Maximum	0.00	0 - 09:53 hrs	29.12	29.12	1.53	1.53	51.85	2.78	7.34	0.00	0.08	0.39	14.17	0 - 10:03 hrs
1091	☐	SWMH-O5-024	5.82	58.53	w Maximum	0.00	0 - 09:53 hrs	0.00	4.67	0.00	0.00	0.00	1.08	3.82	0.00	0.00	0.00	3.68	0 - 09:53 hrs
1092	☐	SWMH-O6-005	11.20	62.91	w Maximum	0.00	0 - 09:49 hrs	95.74	95.74	5.16	5.16	0.00	1.96	8.45	0.00	0.42	0.61	55.83	0 - 10:03 hrs
1093	☐	SWMH-O6-006	10.70	58.40	w Maximum	0.25	0 - 00:04 hrs	0.00	59.23	0.00	9.05	7,428.55	47.85	7.15	0.25	0.00	0.00	0.00	0 - 00:00 hrs
1094	☐	SWMH-O6-007	11.45	59.54	w Maximum	0.03	0 - 00:04 hrs	0.00	55.42	0.00	9.00	3,805.26	47.78	7.77	0.03	0.00	0.00	0.00	0 - 00:00 hrs
1095	☐	SWMH-O6-008	10.50	59.03	w Maximum	0.00	0 - 00:06 hrs	67.10	79.42	3.80	9.12	5,055.83	47.74	7.00	0.00	0.14	0.40	25.48	0 - 10:03 hrs
1096	☐	SWMH-O6-009	12.10	61.97	Surcharged	0.00	0 - 00:09 hrs	0.00	22.26	0.00	5.26	2,527.66	47.67	9.00	0.00	0.00	0.00	11.28	0 - 00:09 hrs
1097	☐	SWMH-O7-001	5.05	56.03	low Link Cro	8.15	0 - 10:07 hrs	14.04	114.80	0.63	9.49	6,013.89	0.00	0.00	0.00	0.00	0.00	0.00	0 - 00:00 hrs
1098	☐	SWMH-O7-002	15.40	64.27	w Maximum	0.00	0 - 00:01 hrs	0.00	148.73	0.00	10.22	6,816.42	47.91	10.40	0.00	0.00	0.00	73.20	0 - 00:01 hrs
1099	☐	SWMH-O7-004	9.75	59.62	Surcharged	0.00	0 - 00:00 hrs	0.00	89.28	0.00	0.50	2,031.38	47.97	6.82	0.00	0.00	0.00	84.90	0 - 00:00 hrs
1100	☐	SWMH-O7-005	9.00	64.11	w Maximum	0.00	0 - 09:51 hrs	15.87	15.87	0.72	0.72	0.00	2.06	7.75	0.00	0.05	0.45	8.51	0 - 09:59 hrs
1101	☐	SWMH-O7-006	2.71	55.44	w Maximum	8.61	0 - 10:07 hrs	0.00	12.85	0.00	0.68	208.88	1.54	0.96	8.61	0.00	0.00	0.00	0 - 00:00 hrs
1102	☐	SWMH-O8-001	2.40	61.32	low Link Cro	8.68	0 - 10:15 hrs	0.00	45.20	0.00	5.14	1,224.18	0.00	0.00	0.00	0.00	0.00	0.00	0 - 00:00 hrs
1103	☐	SWMH-O8-002	3.66	56.32	low Link Cro	7.54	0 - 10:07 hrs	0.00	60.28	0.00	3.59	934.44	0.00	0.00	0.00	0.00	0.00	0.00	0 - 00:00 hrs
1104	☐	SWMH-O8-003	4.34	56.18	low Link Cro	8.96	0 - 10:08 hrs	0.00	59.32	0.00	3.66	4,228.34	0.00	0.00	0.00	0.00	0.00	0.00	0 - 00:00 hrs
1105	☐	SWMH-O8-004	3.15	56.48	low Link Cro	9.45	0 - 10:08 hrs	0.00	61.68	0.00	3.56	574.47	0.00	0.00	0.00	0.00	0.00	0.00	0 - 00:00 hrs
1106	☐	SWMH-O8-005	2.69	56.70	low Link Cro	8.51	0 - 10:07 hrs	0.00	62.82	0.00	3.54	298.73	0.00	0.00	0.00	0.00	0.00	0.00	0 - 00:00 hrs
1107	☐	SWMH-O8-006	2.44	57.27	low Link Cro	10.34	0 - 10:04 hrs	0.00	63.02	0.00	3.54	-30.27	0.00	0.00	0.00	0.00	0.00	0.00	0 - 00:00 hrs
1108	☐	SWMH-O8-007	2.21	58.03	low Link Cro	12.09	0 - 10:04 hrs	31.17	63.35	1.60	3.54	312.42	0.00	0.00	0.00	0.00	0.00	0.00	0 - 00:00 hrs
1109	☐	SWMH-O8-009	1.18	63.73	low Link Cro	10.27	0 - 10:06 hrs	0.00	33.16	0.00	1.94	202.06	0.00	0.00	0.00	0.00	0.00	0.00	0 - 00:00 hrs
1110	☐	SWMH-O8-010	8.15	77.30	Surcharged	0.00	0 - 09:51 hrs	53.52	53.52	3.21	3.21	0.00	2.28	6.15	0.00	0.32	0.88	33.50	0 - 10:03 hrs
1111	☐	SWMH-O8-011	0.88	57.52	low Link Cro	6.30	0 - 09:59 hrs	3.65	3.65	0.13	0.13	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0 - 00:00 hrs
1112	☐	SWMH-O8-012	1.20	58.49	low Link Cro	5.80	0 - 10:04 hrs	0.00	7.46	0.00	0.33	76.25	0.00	0.00	0.00	0.00	0.00	0.00	0 - 00:00 hrs
1113	☐	SWMH-O8-013	1.42	56.52	low Link Cro	7.98	0 - 10:04 hrs	0.00	10.48	0.00	0.46	-241.77	0.00	0.00	0.00	0.00	0.00	0.00	0 - 00:00 hrs
1114	☐	SWMH-O8-014	1.04	59.04	low Link Cro	5.86	0 - 10:03 hrs	6.35	7.77	0.26	0.33	59.18	0.00	0.00	0.00	0.00	0.00	0.00	0 - 00:00 hrs
1115	☐	SWMH-O8-015	0.96	57.30	low Link Cro	7.69	0 - 10:06 hrs	0.00	7.36	0.00	0.33	4.81	0.00	0.00	0.00	0.00	0.00	0.00	0 - 00:00 hrs
1116	☐	SWMH-O8-016	0.53	59.49	low Link Cro	5.27	0 - 10:04 hrs	0.00	1.66	0.00	0.06	-24.75	0.00	0.00	0.00	0.00	0.00	0.00	0 - 00:00 hrs
1117	☐	SWMH-O8-017	0.59	59.67	low Link Cro	5.81	0 - 09:59 hrs	0.00	1.67	0.00	0.06	1.71	0.00	0.00	0.00	0.00	0.00	0.00	0 - 00:00 hrs
1118	☐	SWMH-O8-018	0.50	60.21	low Link Cro	6.35	0 - 09:59 hrs	1.74	1.74	0.06	0.06	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0 - 00:00 hrs
1119	☐	SWMH-O8-019	4.08	56.22	low Link Cro	6.54	0 - 00:02 hrs	0.00	31.72	0.00	0.48	769.14	0.00	0.00	0.00	0.00	0.00	0.00	0 - 00:00 hrs
1120	☐	SWMH-P3-001	15.20	50.90	Surcharged	-5.00	0 - 09:56 hrs	14.02	84.06	0.66	13.39	95.13	4.94	9.55	0.00	0.00	0.00	30.22	0 - 09:56 hrs
1121	☐	SWMH-P3-004	10.84	51.33	w Maximum	0.00	0 - 09:57 hrs	21.13	87.34	1.04	8.82	-5,484.18	3.27	6.34	0.00	0.00	0.00	17.20	0 - 09:57 hrs
1122	☐	SWMH-P4-002	12.10	54.29	w Maximum	0.00	0 - 09:57 hrs	11.93	89.08	0.51	7.79	1,901.91	2.92	7.60	0.00	0.00	0.01	40.23	0 - 09:57 hrs
1123	☐	SWMH-P4-003	14.01	56.72	Surcharged	0.00	0 - 09:56 hrs	0.00	78.36	0.00	7.30	2,256.76	3.11	10.01	0.00	0.00	0.00	8.91	0 - 09:56 hrs
1124	☐	SWMH-P4-007	14.33	59.00	w Maximum	0.00	0 - 09:56 hrs	11.79	33.99	0.51	2.87	823.20	3.43	11.83	0.00	0.00	0.00	0.31	0 - 09:57 hrs
1125	☐	SWMH-P4-009	8.05	57.45	w Maximum	0.00	0 - 09:55 hrs	13.89	29.10	0.64	1.97	-109.74	2.08	5.20	0.00	0.15	0.43	25.98	0 - 09:59 hrs
1126	☐	SWMH-P5-001	11.45	59.54	w Maximum	1.35	0 - 09:55 hrs	39.50	88.91	2.02	8.56	819.91	1.96	6.95	1.35	0.00	0.00	0.00	0 - 00:00 hrs
1127	☐	SWMH-P5-002	13.49	64.00	w Maximum	0.00	0 - 09:55 hrs	0.00	61.06	0.00	6.52	-255.51	1.41	8.99	0.00	0.00	0.00	23.97	0 - 09:55 hrs

FUTURE CONDITIONS 5-YR 24-HR JUNCTIONS

		ID	Maximum Depth (ft)	Maximum HGL (ft)	Maximum HGL Head Class	Freeboard (ft)	Max.Depth Day-Time (day-time)	Maximum Lateral Inflow (cfs)	Maximum Total Inflow (cfs)	Lateral Inflow Volume (MG)	Total Inflow Volume (MG)	Flow Volume Difference (MG)	Total Surcharge Time (hrs)	Max.Surchar ge Height Above Crown	Min.Surchar ge Depth Below Rim (ft)	Total Flood Volume (MG)	Total Flood Time (hrs)	Maximum Flood Rate (cfs)	Max.Flood Day-Time (day-time)
1128	☐	SWMH-P5-003	8.78	60.00	Maximum	0.00	0 - 09:55 hrs	36.79	72.34	2.00	6.58	1,359.05	1.26	4.28	0.00	0.04	0.20	52.69	0 - 09:55 hrs
1129	☐	SWMH-P5-005	8.85	61.25	Maximum	0.00	0 - 09:55 hrs	38.62	49.10	2.10	4.68	620.55	1.77	5.85	0.00	0.00	0.01	2.09	0 - 09:55 hrs
1130	☐	SWMH-P5-006	4.71	59.82	Maximum	0.00	0 - 09:56 hrs	52.40	68.91	3.07	3.17	0.00	1.40	1.71	0.00	0.60	0.60	68.90	0 - 10:03 hrs
1131	☐	SWMH-P5-008	13.95	59.54	Maximum	0.00	0 - 09:52 hrs	12.42	12.42	0.54	0.54	0.00	3.24	11.70	0.00	0.00	0.01	10.36	0 - 09:52 hrs
1132	☐	SWMH-P5-014	7.00	58.01	Maximum	0.00	0 - 09:55 hrs	12.50	16.37	0.55	0.55	0.00	1.74	4.69	0.00	0.00	0.01	14.23	0 - 09:55 hrs
1133	☐	SWMH-P6-001	15.39	68.87	Surcharged	0.00	0 - 09:55 hrs	0.00	30.12	0.00	2.66	-2,465.82	1.61	12.39	0.00	0.00	0.00	7.37	0 - 09:55 hrs
1134	☐	SWMH-P6-002	8.66	59.66	Maximum	4.84	0 - 10:11 hrs	0.00	22.25	0.00	5.25	2,412.23	4.06	4.80	4.84	0.00	0.00	0.00	0 - 00:00 hrs
1135	☐	SWMH-P6-003	8.01	59.71	Maximum	5.89	0 - 09:56 hrs	0.00	12.91	0.00	1.76	1,543.78	7.49	5.50	5.89	0.00	0.00	0.00	0 - 00:00 hrs
1136	☐	SWMH-P6-004	7.20	59.61	Surcharged	0.00	0 - 09:42 hrs	0.00	33.20	0.00	2.12	844.06	3.64	4.20	0.00	0.38	0.93	28.27	0 - 10:07 hrs
1137	☐	SWMH-P6-005	5.51	70.01	Maximum	2.89	0 - 09:59 hrs	0.00	35.51	0.00	2.11	343.41	0.37	3.00	2.89	0.00	0.00	0.00	0 - 00:00 hrs
1138	☐	SWMH-P6-006	8.71	60.13	Maximum	2.75	0 - 09:59 hrs	16.38	24.31	0.78	2.56	4,807.99	47.30	5.71	2.75	0.00	0.00	0.00	0 - 00:00 hrs
1139	☐	SWMH-P6-008	8.35	57.89	Maximum	6.30	0 - 09:59 hrs	25.06	88.31	1.16	6.83	15,139.30	47.34	3.35	6.30	0.00	0.00	0.00	0 - 00:00 hrs
1140	☐	SWMH-P6-010	8.63	60.48	Surcharged	0.00	0 - 09:48 hrs	55.36	55.36	2.95	4.33	0.00	44.60	6.85	0.00	0.41	0.90	40.09	0 - 10:03 hrs
1141	☐	SWMH-P7-001	11.53	59.07	Maximum	0.00	0 - 00:02 hrs	0.00	169.25	0.00	7.08	9,274.02	47.91	6.53	0.00	0.00	0.00	53.09	0 - 00:02 hrs
1142	☐	SWMH-P7-002	15.20	62.94	Maximum	0.00	0 - 00:02 hrs	0.00	179.01	0.00	7.01	5,278.34	47.86	10.20	0.00	0.00	0.00	101.62	0 - 00:02 hrs
1143	☐	SWMH-P7-003	8.60	56.90	Maximum	0.00	0 - 00:02 hrs	0.00	31.08	0.00	1.84	429.48	47.92	6.10	0.00	0.00	0.01	11.09	0 - 00:02 hrs
1144	☐	SWMH-P7-004	8.00	57.26	Maximum	0.00	0 - 00:03 hrs	0.00	21.02	0.00	1.83	915.62	47.89	6.00	0.00	0.00	0.00	16.53	0 - 00:03 hrs
1145	☐	SWMH-P7-005	7.40	57.47	Maximum	0.00	0 - 00:04 hrs	0.00	13.48	0.00	1.82	1,046.02	47.84	5.40	0.00	0.00	0.00	4.42	0 - 00:04 hrs
1146	☐	SWMH-P7-006	6.10	56.33	Surcharged	0.00	0 - 00:08 hrs	0.00	11.69	0.00	1.82	2,451.73	47.72	4.10	0.00	0.00	0.56	10.19	0 - 00:08 hrs
1147	☐	SWMH-Q6-002	7.25	59.87	Maximum	1.55	0 - 09:59 hrs	0.00	17.65	0.00	1.73	2,635.74	3.51	4.50	1.55	0.00	0.00	0.00	0 - 00:00 hrs
1148	☐	SWMH-Q6-003	6.80	59.73	Maximum	0.00	0 - 09:48 hrs	0.00	19.30	0.00	1.80	895.72	3.48	4.30	0.00	0.11	0.54	14.30	0 - 09:59 hrs
1149	☐	SWMH-Q6-004	7.48	62.14	Maximum	0.00	0 - 09:48 hrs	0.00	19.31	0.00	1.77	86.15	1.71	4.98	0.00	0.00	0.00	0.13	0 - 09:48 hrs
1150	☐	SWMH-Q6-005	8.78	64.58	Surcharged	0.00	0 - 09:48 hrs	0.00	23.24	0.00	1.81	79.22	1.86	6.78	0.00	0.04	0.45	4.02	0 - 09:56 hrs
1151	☐	SWMH-Q6-006	9.10	65.48	Surcharged	0.00	0 - 09:48 hrs	37.26	37.26	1.88	1.88	0.00	1.75	7.10	0.00	0.07	0.34	14.01	0 - 10:03 hrs
1152	☐	SWMH-Q6-007	5.95	59.21	Maximum	0.00	0 - 09:49 hrs	0.00	10.78	0.00	1.03	400.86	2.68	3.56	0.00	0.02	0.26	4.55	0 - 09:59 hrs
1153	☐	SWMH-Q6-008	8.57	59.02	Maximum	5.73	0 - 09:59 hrs	19.57	59.29	0.95	5.55	16,638.52	5.24	4.07	5.73	0.00	0.00	0.00	0 - 00:00 hrs
1154	☐	SWMH-Q6-010	8.00	59.67	Maximum	0.00	0 - 09:59 hrs	0.00	19.23	0.00	1.90	5,211.31	30.41	4.90	0.00	0.00	0.00	0.00	0 - 00:00 hrs
1155	☐	SWMH-Q6-011	9.88	63.51	Maximum	0.65	0 - 09:59 hrs	16.88	16.88	0.81	0.82	0.00	2.28	7.88	0.65	0.00	0.00	0.00	0 - 00:00 hrs
1156	☐	SWMH-Q7-001	14.66	60.30	Maximum	0.00	0 - 00:01 hrs	0.00	321.23	0.00	7.82	11,680.94	47.97	8.66	0.00	0.02	0.00	227.70	0 - 00:01 hrs
1157	☐	SWMH-Q7-002	11.95	64.99	Maximum	0.00	0 - 00:04 hrs	0.00	63.59	0.00	2.08	5,632.30	47.86	7.95	0.00	0.00	0.00	6.54	0 - 00:04 hrs
1158	☐	SWMH-Q7-003	12.25	65.40	Surcharged	0.00	0 - 00:04 hrs	0.00	71.39	0.00	2.13	0.00	47.85	8.25	0.00	0.00	0.00	41.23	0 - 00:04 hrs
1159	☐	SWMH-R7-001	4.00	61.11	Surcharged	0.00	0 - 09:48 hrs	40.75	40.75	2.20	2.20	0.00	2.60	2.00	0.00	0.25	0.86	26.80	0 - 10:03 hrs
1160	☐	SWMH-R7-002	3.90	60.84	Maximum	0.00	0 - 09:48 hrs	0.00	14.01	0.00	1.95	75.04	2.61	1.90	0.00	0.00	0.17	0.04	0 - 09:56 hrs
1161	☐	SWMH-R7-003	3.68	60.15	Maximum	1.02	0 - 10:07 hrs	0.00	14.00	0.00	1.96	327.98	2.79	1.68	1.02	0.00	0.00	0.00	0 - 00:00 hrs
1162	☐	SWMH-R7-004	3.64	59.73	Maximum	1.06	0 - 10:03 hrs	0.00	14.02	0.00	1.97	363.57	3.57	1.64	1.06	0.00	0.00	0.00	0 - 00:00 hrs
1163	☐	SWMH-R7-006?	3.33	58.96	Maximum	2.22	0 - 00:07 hrs	0.00	14.01	0.00	1.98	874.39	7.16	1.29	2.22	0.00	0.00	0.00	0 - 00:00 hrs
1164	☐	SWMH-R7-007	3.35	58.09	Flow Link Cro	4.27	0 - 09:48 hrs	0.00	16.87	0.00	1.99	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0 - 00:00 hrs
1165	☐	SWMH-R7-008	4.79	59.54	Maximum	2.71	0 - 00:06 hrs	0.00	34.77	0.00	2.01	1,799.00	2.02	1.79	2.71	0.00	0.00	0.00	0 - 00:00 hrs
1166	☐	WESTRIDGE_OTL_1	4.26	44.76	Surcharged	-3.26	0 - 10:17 hrs	0.00	10.04	0.00	4.78	149.02	36.60	2.76	0.00	0.00	0.00	0.00	0 - 00:00 hrs
1167	☐	WESTRIDGE_OTL_2	0.57	43.44	Flow Link Cro	1.18	0 - 11:04 hrs	0.00	9.00	0.00	0.55	-54.48	0.00	0.00	0.00	0.00	0.00	0.00	0 - 00:00 hrs
1168	☐	WG-PT-2109	5.58	44.18	Surcharged	0.00	0 - 09:49 hrs	0.00	16.61	0.00	2.33	404.79	5.20	3.58	0.00	0.00	0.00	3.03	0 - 09:49 hrs
1169	☐	WG-PT-2126	6.15	54.98	Surcharged	0.00	0 - 09:56 hrs	0.00	38.13	0.00	3.17	0.00	1.76	3.10	0.00	0.04	0.26	9.53	0 - 09:59 hrs
1170	☐	WG-PT-2130	6.80	44.08	Surcharged	0.00	0 - 09:56 hrs	0.00	4.72	0.00	0.00	0.00	7.27	5.05	0.00	0.00	0.01	4.64	0 - 09:57 hrs
1171	☐	WG-PT-2135	6.85	43.95	Maximum	0.00	0 - 09:56 hrs	1.70	33.72	0.06	1.67	0.00	4.08	4.10	0.00	0.00	0.01	24.07	0 - 09:56 hrs
1172	☐	WG-PT-2149	13.95	57.93	Surcharged	0.00	0 - 09:56 hrs	0.00	33.98	0.00	2.86	356.01	3.62	11.30	0.00	0.00	0.00	0.19	0 - 09:56 hrs
1173	☐	WG-PT-2174	7.05	49.18	Surcharged	0.00	0 - 10:00 hrs	0.00	36.78	0.00	0.73	-297.68	1.51	4.30	0.00	0.00	0.01	5.56	0 - 10:00 hrs
1174	☐	WG-PT-2176	7.88	49.29	Surcharged	0.00	0 - 10:00 hrs	0.00	39.93	0.00	1.15	60.68	1.84	4.95	0.00	0.00	0.01	22.65	0 - 10:00 hrs
1175	☐	WG-PT-2179	7.05	49.48	Surcharged	0.00	0 - 09:56 hrs	0.00	5.03	0.00	0.23	-128.90	3.75	5.30	0.00	0.00	0.00	3.81	0 - 09:56 hrs
1176	☐	WG-PT-2187	7.50	50.06	Maximum	0.64	0 - 10:03 hrs	0.00	63.80	0.00	5.91	370.47	1.73	4.00	0.64	0.00	0.00	0.00	0 - 00:00 hrs

FUTURE CONDITIONS 5-YR 24-HR JUNCTIONS

		ID	Maximum Depth (ft)	Maximum HGL (ft)	Maximum HGL Head Class	Freeboard (ft)	Max.Depth Day-Time (day-time)	Maximum Lateral Inflow (cfs)	Maximum Total Inflow (cfs)	Lateral Inflow Volume (MG)	Total Inflow Volume (MG)	Flow Volume Difference (MG)	Total Surcharge Time (hrs)	Max.Surchar ge Height Above Crown	Min.Surchar ge Depth Below Rim (ft)	Total Flood Volume (MG)	Total Flood Time (hrs)	Maximum Flood Rate (cfs)	Max.Flood Day-Time (day-time)
1177	☐	WG-PT-2197	5.10	46.16	w Maximum	0.00	0 - 09:52 hrs	12.83	12.83	0.58	0.58	0.00	2.71	3.05	0.00	0.06	0.37	10.82	0 - 09:59 hrs
1178	☐	WG-PT-2198	5.45	46.20	w Maximum	0.00	0 - 09:55 hrs	0.00	7.10	0.00	0.52	62.74	3.46	3.45	0.00	0.00	0.05	0.11	0 - 09:56 hrs
1179	☐	WG-PT-2232	7.48	52.36	w Maximum	0.02	0 - 10:02 hrs	0.00	11.64	0.00	0.88	0.00	3.70	5.36	0.02	0.00	0.00	0.00	0 - 00:00 hrs
1180	☐	WG-PT-2234	7.60	50.54	w Maximum	0.61	0 - 10:03 hrs	0.00	25.72	0.00	4.75	422.28	4.36	5.10	0.61	0.00	0.00	0.00	0 - 00:00 hrs
1181	☐	WG-PT-2235	5.60	49.89	w Maximum	0.81	0 - 09:59 hrs	0.00	14.00	0.00	2.60	415.67	6.32	3.60	0.81	0.00	0.00	0.00	0 - 00:00 hrs
1182	☐	WG-PT-2236	5.11	49.48	w Maximum	0.00	0 - 09:23 hrs	0.00	27.78	0.00	3.06	144.97	6.41	3.11	0.00	0.60	1.86	27.77	0 - 09:59 hrs
1183	☐	WG-PT-2238	6.22	51.22	w Maximum	0.00	0 - 09:51 hrs	0.00	16.16	0.00	2.93	134.30	6.13	4.22	0.00	0.00	0.01	0.03	0 - 09:57 hrs
1184	☐	WG-PT-2269	5.61	52.19	w Maximum	4.39	0 - 09:59 hrs	0.00	22.81	0.00	0.28	355.36	1.42	2.86	4.39	0.00	0.00	0.00	0 - 00:00 hrs
1185	☐	WG-PT-2318	5.90	45.23	Surcharged	0.00	0 - 00:03 hrs	0.00	40.33	0.00	2.06	38.28	47.88	3.10	0.00	0.18	0.64	23.55	0 - 10:03 hrs
1186	☐	WG-PT-2330	5.80	43.27	w Maximum	0.00	0 - 02:53 hrs	28.04	28.04	1.20	1.20	0.00	42.26	3.70	0.00	1.18	21.11	28.03	0 - 09:59 hrs
1187	☐	WG-PT-2425	6.38	76.82	w Maximum	0.91	0 - 09:55 hrs	0.00	34.92	0.00	3.28	59.23	1.75	3.68	0.91	0.00	0.00	0.00	0 - 00:00 hrs
1188	☐	WG-PT-2426	6.00	76.33	w Maximum	1.20	0 - 09:55 hrs	0.00	34.91	0.00	3.28	85.16	1.87	3.50	1.20	0.00	0.00	0.00	0 - 00:00 hrs
1189	☐	WG-PT-2434	5.95	69.50	Surcharged	0.00	0 - 09:56 hrs	0.00	44.96	0.00	4.52	296.62	1.07	3.30	0.00	0.00	0.18	5.85	0 - 09:56 hrs
1190	☐	WG-PT-2438	5.32	76.54	w Maximum	0.18	0 - 09:56 hrs	0.00	37.80	0.00	3.84	32.71	1.10	2.82	0.18	0.00	0.00	0.00	0 - 00:00 hrs
1191	☐	WG-PT-2465	6.14	51.72	w Maximum	0.00	0 - 09:49 hrs	0.00	3.62	0.00	0.37	0.00	6.15	4.64	0.00	0.00	0.03	0.02	0 - 09:51 hrs
1192	☐	WG-PT-2469	5.85	51.93	w Maximum	0.00	0 - 09:51 hrs	0.00	9.86	0.00	0.97	14.12	1.77	3.75	0.00	0.00	0.00	5.90	0 - 09:51 hrs
1193	☐	WG-PT-2474	6.25	50.01	w Maximum	0.00	0 - 00:06 hrs	0.00	10.31	0.00	1.28	357.52	47.80	4.25	0.00	0.00	0.30	0.27	0 - 00:06 hrs
1194	☐	WG-PT-2475	6.30	49.95	Surcharged	0.00	0 - 00:06 hrs	0.00	11.11	0.00	1.29	323.16	47.79	4.30	0.00	0.02	0.59	6.72	0 - 00:06 hrs
1195	☐	WG-PT-2476	7.15	50.12	w Maximum	0.00	0 - 00:06 hrs	0.00	15.34	0.00	1.28	812.45	47.85	5.15	0.00	0.00	0.00	0.04	0 - 00:06 hrs
1196	☐	WG-PT-2477	7.06	50.01	w Maximum	0.00	0 - 00:06 hrs	0.00	13.45	0.00	1.28	251.51	47.85	5.06	0.00	0.00	0.00	0.09	0 - 00:06 hrs
1197	☐	WG-PT-2478	7.39	49.93	Surcharged	0.00	0 - 00:02 hrs	0.00	15.01	0.00	1.28	446.91	47.90	5.39	0.00	0.00	0.02	4.61	0 - 00:02 hrs
1198	☐	WG-PT-2480	7.85	49.96	w Maximum	0.00	0 - 09:59 hrs	0.00	17.77	0.00	1.29	233.34	47.93	5.85	0.00	0.00	0.00	0.00	0 - 09:59 hrs
1199	☐	WG-PT-2481	8.64	49.72	Surcharged	0.00	0 - 09:55 hrs	0.00	21.22	0.00	1.29	568.62	47.95	6.09	0.00	0.02	0.24	5.51	0 - 10:03 hrs
1200	☐	WG-PT-2484	8.71	49.94	w Maximum	0.15	0 - 09:59 hrs	0.00	22.78	0.00	1.28	419.61	47.97	6.71	0.15	0.00	0.00	0.00	0 - 00:00 hrs
1201	☐	WG-PT-2485	9.54	50.24	Surcharged	0.00	0 - 00:00 hrs	0.00	32.24	0.00	1.28	573.53	47.98	7.54	0.00	0.00	0.00	20.90	0 - 00:00 hrs
1202	☐	WG-PT-2514	8.44	45.39	w Maximum	2.81	0 - 10:03 hrs	0.00	54.96	0.00	5.35	3,193.92	47.85	4.93	2.81	0.00	0.00	0.00	0 - 00:00 hrs
1203	☐	WG-PT-2523	6.04	44.66	w Maximum	2.46	0 - 09:59 hrs	0.00	35.75	0.00	5.93	519.81	5.49	3.34	2.46	0.00	0.00	0.00	0 - 00:00 hrs
1204	☐	WG-PT-2543	9.85	44.76	w Maximum	0.00	0 - 00:00 hrs	0.00	325.76	0.00	2.49	4,967.48	47.98	4.85	0.00	0.03	0.01	260.01	0 - 00:00 hrs
1205	☐	WG-PT-2574	5.50	83.55	Surcharged	0.00	0 - 09:52 hrs	0.00	19.60	0.00	1.81	-11.72	1.34	3.13	0.00	0.00	0.01	9.94	0 - 09:52 hrs
1206	☐	WG-PT-2596	7.16	46.38	w Maximum	0.34	0 - 09:59 hrs	0.00	35.77	0.00	5.93	256.95	3.72	3.92	0.34	0.00	0.00	0.00	0 - 00:00 hrs
1207	☐	WG-PT-2597	6.95	46.21	w Maximum	0.05	0 - 10:02 hrs	0.00	35.75	0.00	5.93	0.00	5.59	4.45	0.05	0.00	0.00	0.00	0 - 00:00 hrs
1208	☐	WG-PT-2599	7.13	46.58	w Maximum	0.27	0 - 10:03 hrs	0.00	21.74	0.00	4.69	198.87	5.25	4.42	0.27	0.00	0.00	0.00	0 - 00:00 hrs
1209	☐	WG-PT-2600	7.09	46.95	w Maximum	0.36	0 - 09:56 hrs	0.00	21.71	0.00	4.68	148.60	5.47	4.59	0.36	0.00	0.00	0.00	0 - 00:00 hrs
1210	☐	WG-PT-2602	6.99	47.33	w Maximum	0.56	0 - 10:02 hrs	0.00	21.56	0.00	4.69	74.99	4.83	4.34	0.56	0.00	0.00	0.00	0 - 00:00 hrs
1211	☐	WG-PT-2606	6.49	48.23	w Maximum	0.60	0 - 10:02 hrs	0.00	22.66	0.00	4.69	124.99	3.93	3.99	0.60	0.00	0.00	0.00	0 - 00:00 hrs
1212	☐	WG-PT-2607	6.49	48.20	w Maximum	0.61	0 - 10:02 hrs	0.00	21.31	0.00	4.69	192.94	3.94	3.99	0.61	0.00	0.00	0.00	0 - 00:00 hrs
1213	☐	WG-PT-2610	4.17	44.44	Flow Link Croy	8.83	0 - 10:04 hrs	0.00	34.93	0.00	1.51	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0 - 00:00 hrs
1214	☐	WG-PT-2612	6.55	86.51	Surcharged	0.00	0 - 09:53 hrs	0.00	40.29	0.00	1.86	-65.46	1.07	3.90	0.00	0.00	0.00	2.80	0 - 09:53 hrs
1215	☐	WG-PT-2629	4.00	52.21	Surcharged	0.00	0 - 09:52 hrs	0.00	12.36	0.00	1.06	219.00	1.20	1.75	0.00	0.00	0.00	0.07	0 - 09:52 hrs
1216	☐	WG-PT-2632	7.15	45.53	Surcharged	0.00	0 - 00:02 hrs	0.00	37.21	0.00	1.91	2,063.68	47.90	4.40	0.00	0.00	0.01	14.68	0 - 00:02 hrs
1217	☐	WG-PT-2646	4.70	44.83	w Maximum	0.50	0 - 00:09 hrs	0.00	11.85	0.00	2.04	738.13	47.68	2.70	0.50	0.00	0.00	0.00	0 - 00:00 hrs
1218	☐	WG-PT-2670	7.62	38.16	w Maximum	0.00	0 - 11:26 hrs	0.00	16.36	0.00	1.72	4,851.68	30.40	4.87	0.00	0.00	0.88	0.05	0 - 12:32 hrs
1219	☐	WG-PT-2723	7.20	76.29	w Maximum	0.00	0 - 09:57 hrs	0.00	14.14	0.00	0.75	41.50	0.95	4.85	0.00	0.00	0.00	7.52	0 - 09:57 hrs
1220	☐	WG-PT-2724	7.90	77.64	Surcharged	0.00	0 - 09:57 hrs	0.00	14.14	0.00	0.75	-182.44	0.86	5.35	0.00	0.00	0.00	9.60	0 - 09:57 hrs
1221	☐	WG-PT-2726	7.00	73.49	w Maximum	0.00	0 - 10:00 hrs	0.00	7.78	0.00	0.00	0.00	0.59	5.50	0.00	0.00	0.00	7.38	0 - 10:00 hrs
1222	☐	WG-PT-2731	13.16	83.51	w Maximum	0.04	0 - 09:57 hrs	0.00	44.89	0.00	3.65	-262.19	1.54	10.16	0.04	0.00	0.00	0.00	0 - 00:00 hrs
1223	☐	WG-PT-2836	9.82	86.63	w Maximum	0.28	0 - 10:00 hrs	0.00	92.58	0.00	18.99	-32.04	2.43	5.32	0.28	0.00	0.00	0.00	0 - 00:00 hrs
1224	☐	WG-PT-2846	6.44	42.15	Flow Link Croy	13.86	0 - 10:08 hrs	0.00	220.31	0.00	17.72	2,298.82	0.00	0.00	0.00	0.00	0.00	0.00	0 - 00:00 hrs
1225	☐	WG-PT-2853	1.85	106.36	Flow Link Croy	5.91	0 - 10:04 hrs	0.00	28.49	0.00	1.37	36.16	0.00	0.00	0.00	0.00	0.00	0.00	0 - 00:00 hrs

FUTURE CONDITIONS 5-YR 24-HR JUNCTIONS

		ID	Maximum Depth (ft)	Maximum HGL (ft)	Maximum HGL Head Class	Freeboard (ft)	Max.Depth Day-Time (day-time)	Maximum Lateral Inflow (cfs)	Maximum Total Inflow (cfs)	Lateral Inflow Volume (MG)	Total Inflow Volume (MG)	Flow Volume Difference (MG)	Total Surcharge Time (hrs)	Max.Surchar ge Height Above Crown	Min.Surchar ge Depth Below Rim	Total Flood Volume (MG)	Total Flood Time (hrs)	Maximum Flood Rate (cfs)	Max.Flood Day-Time (day-time)
1226	☐	WG-PT-2856	1.33	108.62	elow Link Cro	5.95	0 - 10:07 hrs	0.00	102.79	0.00	15.19	136.58	0.00	0.00	0.00	0.00	0.00	0.00	0 - 00:00 hrs
1227	☐	WG-PT-2857	2.67	107.49	elow Link Cro	7.08	0 - 10:07 hrs	0.00	102.79	0.00	15.19	417.26	0.00	0.00	0.00	0.00	0.00	0.00	0 - 00:00 hrs
1228	☐	WG-PT-2858	6.74	106.09	elow Link Cro	7.54	0 - 10:07 hrs	0.00	102.73	0.00	15.18	527.44	0.00	0.00	0.00	0.00	0.00	0.00	0 - 00:00 hrs
1229	☐	WG-PT-2859	2.31	105.32	elow Link Cro	8.19	0 - 10:08 hrs	0.00	102.76	0.00	15.18	144.09	0.00	0.00	0.00	0.00	0.00	0.00	0 - 00:00 hrs
1230	☐	WG-PT-2865	1.32	84.15	elow Link Cro	7.48	0 - 10:00 hrs	0.00	17.71	0.00	0.78	40.39	0.00	0.00	0.00	0.00	0.00	0.00	0 - 00:00 hrs
1231	☐	WG-PT-2874	6.70	128.35	w Maximum C	0.00	0 - 10:03 hrs	15.57	33.54	0.66	5.69	2,716.29	0.86	1.70	0.00	0.02	0.27	9.88	0 - 10:03 hrs
1232	☐	WG-PT-2899	8.53	101.55	w Maximum C	0.67	0 - 09:59 hrs	0.00	46.57	0.00	3.01	13.12	1.34	5.53	0.67	0.00	0.00	0.00	0 - 00:00 hrs
1233	☐	WG-PT-2905	4.70	82.31	Surcharged	0.00	0 - 09:55 hrs	0.00	30.33	0.00	1.92	68.25	1.34	2.70	0.00	0.19	0.44	30.33	0 - 10:03 hrs
1234	☐	WG-PT-2906	5.58	84.10	w Maximum C	0.02	0 - 10:11 hrs	0.00	14.19	0.00	1.84	204.69	2.35	3.83	0.02	0.00	0.00	0.00	0 - 00:00 hrs
1235	☐	WG-PT-2922	7.47	89.30	w Maximum C	0.00	0 - 10:00 hrs	0.00	45.65	0.00	2.45	1,536.74	0.74	3.97	0.00	0.00	0.00	19.91	0 - 10:00 hrs
1236	☐	WG-PT-2924	11.00	87.81	w Maximum C	0.00	0 - 09:56 hrs	0.00	42.06	0.00	2.44	39.56	1.94	7.50	0.00	0.00	0.00	12.47	0 - 09:56 hrs
1237	☐	WG-PT-2946	6.03	108.96	w Maximum C	1.07	0 - 10:02 hrs	0.00	18.20	0.00	1.08	-8.30	0.80	3.72	1.07	0.00	0.00	0.00	0 - 00:00 hrs
1238	☐	WG-PT-2978	4.82	93.60	Surcharged	0.00	0 - 10:00 hrs	0.00	37.24	0.00	1.88	-182.53	0.46	2.32	0.00	0.00	0.00	15.41	0 - 10:00 hrs
1239	☐	WG-PT-2993	8.54	90.93	w Maximum C	0.00	0 - 09:57 hrs	0.00	25.81	0.00	1.87	37.31	1.67	6.54	0.00	0.00	0.00	18.40	0 - 09:57 hrs
1240	☐	WG-PT-2994	8.88	92.23	w Maximum C	1.22	0 - 09:57 hrs	0.00	25.80	0.00	1.87	184.64	2.17	6.78	1.22	0.00	0.00	0.00	0 - 00:00 hrs
1241	☐	WG-PT-3000	8.78	89.97	w Maximum C	0.37	0 - 10:04 hrs	0.00	43.42	0.00	2.84	133.45	0.96	5.28	0.37	0.00	0.00	0.00	0 - 00:00 hrs
1242	☐	WG-PT-3040	9.45	106.82	w Maximum C	0.00	0 - 09:56 hrs	0.00	21.43	0.00	1.73	-1.20	1.21	7.30	0.00	0.00	0.14	2.38	0 - 09:59 hrs
1243	☐	WG-PT-3045	11.36	100.98	w Maximum C	0.19	0 - 09:56 hrs	0.00	36.91	0.00	2.69	62.59	0.71	8.86	0.19	0.00	0.00	0.00	0 - 00:00 hrs
1244	☐	WG-PT-3048	6.82	89.55	w Maximum C	4.08	0 - 09:56 hrs	0.00	40.30	0.00	2.82	89.01	0.98	4.57	4.08	0.00	0.00	0.00	0 - 00:00 hrs
1245	☐	WG-PT-3075	13.86	128.34	Surcharged	-2.59	0 - 09:52 hrs	0.00	33.58	0.00	3.99	188.73	1.87	11.36	0.00	0.00	0.00	0.00	0 - 00:00 hrs
1246	☐	WG-PT-3082	0.65	90.09	elow Link Cro	8.60	0 - 09:59 hrs	4.16	4.16	0.14	0.14	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0 - 00:00 hrs
1247	☐	WG-PT-3110	11.18	127.34	Surcharged	-5.00	0 - 09:55 hrs	0.00	34.13	0.00	2.84	203.34	1.38	8.18	0.00	0.00	0.00	23.55	0 - 09:55 hrs
1248	☐	WG-PT-3116	6.81	133.48	w Maximum C	0.39	0 - 09:56 hrs	0.00	20.92	0.00	1.93	136.20	1.21	4.51	0.39	0.00	0.00	0.00	0 - 00:00 hrs
1249	☐	WG-PT-3180	5.70	84.32	w Maximum C	0.80	0 - 09:53 hrs	0.00	32.01	0.00	3.14	159.95	1.46	3.10	0.80	0.00	0.00	0.00	0 - 00:00 hrs
1250	☐	WG-PT-3182	5.64	84.97	w Maximum C	0.88	0 - 09:59 hrs	0.00	32.04	0.00	3.15	72.49	1.50	3.07	0.88	0.00	0.00	0.00	0 - 00:00 hrs
1251	☐	WG-PT-3183	5.67	85.34	w Maximum C	0.58	0 - 09:59 hrs	0.00	32.13	0.00	3.15	93.11	1.53	3.17	0.58	0.00	0.00	0.00	0 - 00:00 hrs
1252	☐	WG-PT-3184	5.85	85.86	w Maximum C	0.25	0 - 10:03 hrs	0.00	32.20	0.00	3.15	73.38	1.58	3.34	0.25	0.00	0.00	0.00	0 - 00:00 hrs
1253	☐	WG-PT-3192	8.85	92.63	w Maximum C	0.00	0 - 09:56 hrs	0.00	28.07	0.00	2.17	-54.65	0.95	6.35	0.00	0.00	0.01	11.06	0 - 09:56 hrs
1254	☐	WG-PT-3196	4.75	96.48	Surcharged	0.00	0 - 09:52 hrs	0.00	38.05	0.00	4.52	98.20	2.63	2.25	0.00	0.07	0.38	21.47	0 - 10:06 hrs
1255	☐	WG-PT-3197	6.25	98.84	Surcharged	-1.16	0 - 10:00 hrs	0.00	38.04	0.00	4.53	227.80	2.74	3.75	0.00	0.00	0.00	0.00	0 - 00:00 hrs
1256	☐	WG-PT-3198	8.62	102.61	Surcharged	-3.33	0 - 09:59 hrs	0.00	38.05	0.00	4.53	203.31	2.86	6.12	0.00	0.00	0.00	0.00	0 - 00:00 hrs
1257	☐	WG-PT-3211	1.50	120.13	elow Link Cro	5.25	0 - 10:03 hrs	39.89	39.89	2.46	2.46	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0 - 00:00 hrs
1258	☐	WG-PT-3226	2.12	65.22	elow Link Cro	5.48	0 - 10:03 hrs	0.00	48.30	0.00	2.20	72.98	0.00	0.00	0.00	0.00	0.00	0.00	0 - 00:00 hrs
1259	☐	WG-PT-3238	0.07	57.00	elow Link Cro	3.83	0 - 09:49 hrs	0.00	1.37	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0 - 00:00 hrs
1260	☐	WG-PT-3256	5.18	78.14	w Maximum C	0.00	0 - 09:56 hrs	0.00	7.77	0.00	0.41	0.00	1.32	3.18	0.00	0.00	0.01	0.02	0 - 10:03 hrs
1261	☐	WG-PT-3264	3.94	63.42	elow Link Cro	4.98	0 - 10:06 hrs	0.00	62.26	0.00	2.49	572.32	0.00	0.00	0.00	0.00	0.00	0.00	0 - 00:00 hrs
1262	☐	WG-PT-3269	4.04	62.30	w Maximum C	4.36	0 - 10:07 hrs	0.00	69.39	0.00	3.22	637.17	0.00	0.04	4.36	0.00	0.00	0.00	0 - 00:00 hrs
1263	☐	WG-PT-3276	3.73	60.86	elow Link Cro	5.02	0 - 00:01 hrs	0.00	97.31	0.00	4.38	3,025.52	0.00	0.00	0.00	0.00	0.00	0.00	0 - 00:00 hrs
1264	☐	WG-PT-3294	1.67	60.91	elow Link Cro	7.33	0 - 10:00 hrs	0.00	15.60	0.00	0.69	-108.05	0.00	0.00	0.00	0.00	0.00	0.00	0 - 00:00 hrs
1265	☐	WG-PT-3308	8.90	82.61	Surcharged	0.00	0 - 00:00 hrs	0.00	164.45	0.00	9.58	3,602.28	1.53	4.90	0.00	0.00	0.00	93.52	0 - 00:00 hrs
1266	☐	WG-PT-3342	7.40	105.83	w Maximum C	0.00	0 - 09:57 hrs	0.00	21.53	0.00	0.97	-16.45	0.49	4.90	0.00	0.00	0.09	7.14	0 - 09:57 hrs
1267	☐	WG-PT-3450	2.96	99.61	elow Link Cro	7.04	0 - 10:06 hrs	0.00	28.77	0.00	4.33	683.86	0.00	0.00	0.00	0.00	0.00	0.00	0 - 00:00 hrs
1268	☐	WG-PT-3451	3.35	100.12	w Maximum C	7.15	0 - 09:49 hrs	0.00	28.35	0.00	4.33	415.11	2.26	0.35	7.15	0.00	0.00	0.00	0 - 00:00 hrs
1269	☐	WG-PT-3462	4.20	102.24	w Maximum C	0.00	0 - 09:45 hrs	0.00	28.38	0.00	4.33	244.85	3.13	1.70	0.00	0.00	0.18	2.12	0 - 09:45 hrs
1270	☐	WG-PT-3468	6.00	97.27	w Maximum C	0.00	0 - 09:56 hrs	0.00	7.34	0.00	0.01	15.96	0.81	4.25	0.00	0.00	0.01	1.66	0 - 09:56 hrs
1271	☐	WG-PT-3474	6.10	94.99	Surcharged	0.00	0 - 09:52 hrs	0.00	36.23	0.00	3.10	339.53	2.29	3.60	0.00	0.10	0.47	13.00	0 - 10:03 hrs
1272	☐	WG-PT-3492	5.10	83.35	w Maximum C	0.00	0 - 09:55 hrs	0.00	13.80	0.00	0.83	0.00	1.03	2.00	0.00	0.00	0.03	12.33	0 - 09:55 hrs
1273	☐	WG-PT-3532	11.33	59.99	Surcharged	0.00	0 - 09:53 hrs	0.00	54.59	0.00	6.53	678.67	1.84	6.83	0.00	0.00	0.00	23.94	0 - 09:53 hrs
1274	☐	WG-PT-3563	8.30	64.08	Surcharged	0.00	0 - 09:48 hrs	0.00	19.47	0.00	1.77	168.13	1.83	6.30	0.00	0.00	0.15	0.80	0 - 09:48 hrs

FUTURE CONDITIONS 5-YR 24-HR JUNCTIONS

		ID	Maximum Depth (ft)	Maximum HGL (ft)	Maximum HGL Head Class	Freeboard (ft)	Max.Depth Day-Time (day-time)	Maximum Lateral Inflow (cfs)	Maximum Total Inflow (cfs)	Lateral Inflow Volume (MG)	Total Inflow Volume (MG)	Flow Volume Difference (MG)	Total Surcharge Time (hrs)	Max.Surchar ge Height Above Crown	Min.Surchar ge Depth Below Rim (ft)	Total Flood Volume (MG)	Total Flood Time (hrs)	Maximum Flood Rate (cfs)	Max.Flood Day-Time (day-time)
1275	☐	WG-PT-3568	7.85	62.75	Maximum	0.00	0 - 09:48 hrs	0.00	19.29	0.00	1.77	30.52	1.88	5.60	0.00	0.00	0.00	0.18	0 - 09:48 hrs
1276	☐	WG-PT-3570	7.29	61.88	Surcharged	0.00	0 - 09:48 hrs	0.00	19.33	0.00	1.78	83.44	1.74	4.79	0.00	0.00	0.00	0.20	0 - 09:48 hrs
1277	☐	WG-PT-3571	7.00	61.38	Maximum	0.00	0 - 09:48 hrs	0.00	19.32	0.00	1.78	120.62	1.80	4.50	0.00	0.00	0.00	0.00	0 - 00:00 hrs
1278	☐	WG-PT-3572	6.40	60.53	Maximum	0.00	0 - 09:48 hrs	0.00	19.35	0.00	1.79	236.18	1.89	3.90	0.00	0.00	0.00	0.42	0 - 09:48 hrs
1279	☐	WG-PT-3576	6.33	59.44	Maximum	0.52	0 - 09:59 hrs	0.00	10.78	0.00	1.03	837.63	4.75	4.32	0.52	0.00	0.00	0.00	0 - 00:00 hrs
1280	☐	WG-PT-3578	5.67	59.31	Maximum	0.00	0 - 09:49 hrs	23.70	23.70	1.15	1.16	0.00	2.56	3.46	0.00	0.13	0.54	17.38	0 - 10:03 hrs
1281	☐	WG-PT-3584	8.97	74.30	Surcharged	0.00	0 - 09:56 hrs	42.51	42.51	2.14	2.14	0.00	1.67	6.97	0.00	0.03	0.20	9.31	0 - 10:03 hrs
1282	☐	WG-PT-3586	5.54	66.94	Maximum	2.81	0 - 09:57 hrs	0.00	35.30	0.00	2.11	-184.86	0.50	2.99	2.81	0.00	0.00	0.00	0 - 00:00 hrs
1283	☐	WG-PT-3590	9.24	62.98	Maximum	0.34	0 - 09:57 hrs	0.00	33.20	0.00	2.11	-135.91	2.73	6.66	0.34	0.00	0.00	0.00	0 - 00:00 hrs
1284	☐	WG-PT-3599	8.69	57.13	Maximum	5.19	0 - 00:09 hrs	0.00	122.65	0.00	6.99	12,126.66	47.77	3.69	5.19	0.00	0.00	0.00	0 - 00:00 hrs
1285	☐	WG-PT-3600	9.88	58.80	Maximum	3.57	0 - 00:09 hrs	0.00	95.84	0.00	6.88	7,288.27	47.69	4.88	3.57	0.00	0.00	0.00	0 - 00:00 hrs
1286	☐	WG-PT-3738	3.12	56.26	Maximum	8.08	0 - 10:07 hrs	0.00	7.48	0.00	0.67	268.44	1.81	1.62	8.08	0.00	0.00	0.00	0 - 00:00 hrs
1287	☐	WG-PT-3740	1.40	58.51	Flow Link Cro	5.55	0 - 09:59 hrs	0.00	7.87	0.00	0.30	-36.40	0.00	0.00	0.00	0.00	0.00	0.00	0 - 00:00 hrs
1288	☐	WG-PT-3756	9.50	57.50	Surcharged	0.00	0 - 00:02 hrs	0.00	30.36	0.00	1.84	0.00	47.93	6.55	0.00	0.00	0.00	9.98	0 - 00:02 hrs
1289	☐	WG-PT-3760	11.00	58.93	Maximum	0.00	0 - 00:01 hrs	0.00	63.61	0.00	1.85	0.00	47.95	8.50	0.00	0.00	0.00	26.25	0 - 00:01 hrs
1290	☐	WG-PT-3761	8.65	56.21	Maximum	4.80	0 - 00:02 hrs	0.00	43.24	0.00	1.85	1,237.79	47.94	6.15	4.80	0.00	0.00	0.00	0 - 00:00 hrs
1291	☐	WG-PT-3765	8.47	59.49	Maximum	2.33	0 - 09:59 hrs	0.00	24.31	0.00	2.58	3,101.88	47.37	5.35	2.33	0.00	0.00	0.00	0 - 00:00 hrs
1292	☐	WG-PT-3780	1.30	66.48	Flow Link Cro	6.92	0 - 10:04 hrs	0.00	34.30	0.00	1.65	182.74	0.00	0.00	0.00	0.00	0.00	0.00	0 - 00:00 hrs
1293	☐	WG-PT-3800	12.95	92.71	Maximum	0.00	0 - 10:02 hrs	0.00	230.49	0.00	21.01	-1,976.30	1.17	7.45	0.00	0.00	0.00	0.67	0 - 10:02 hrs
1294	☐	WG-PT-3809	10.00	94.95	Surcharged	0.00	0 - 10:03 hrs	0.00	82.29	0.00	6.78	265.40	0.81	5.50	0.00	0.00	0.00	37.47	0 - 10:03 hrs
1295	☐	WG-PT-3812	5.22	95.11	Maximum	0.00	0 - 10:04 hrs	0.00	48.70	0.00	5.10	293.21	0.23	1.72	0.00	0.00	0.02	28.64	0 - 10:04 hrs
1296	☐	WG-PT-3813	5.82	96.06	Surcharged	0.00	0 - 10:04 hrs	0.00	46.82	0.00	5.10	729.25	0.20	2.20	0.00	0.00	0.00	29.00	0 - 10:04 hrs
1297	☐	WG-PT-3814	7.22	76.18	Surcharged	0.00	0 - 10:02 hrs	0.00	65.88	0.00	5.39	92.58	0.22	4.20	0.00	0.00	0.00	4.61	0 - 10:02 hrs
1298	☐	WG-PT-3821	9.80	55.94	Surcharged	0.00	0 - 09:56 hrs	0.00	18.89	0.00	1.47	0.00	47.64	7.80	0.00	0.00	0.00	0.04	0 - 09:56 hrs
1299	☐	WG-PT-3834	15.52	57.10	Surcharged	0.00	0 - 00:01 hrs	0.00	54.04	0.00	0.66	591.51	47.97	12.65	0.00	0.00	0.00	27.20	0 - 00:01 hrs
1300	☐	WG-PT-3836	10.49	58.76	Maximum	3.81	0 - 09:56 hrs	0.00	14.25	0.00	0.64	-144.25	0.60	8.37	3.81	0.00	0.00	0.00	0 - 00:00 hrs
1301	☐	WG-PT-3840	11.26	53.94	Maximum	2.78	0 - 09:56 hrs	0.00	51.01	0.00	1.26	4,999.34	47.84	7.22	2.78	0.00	0.00	0.00	0 - 00:00 hrs
1302	☐	WG-PT-3853	6.55	53.45	Maximum	0.00	0 - 09:56 hrs	0.00	21.24	0.00	1.30	51.22	0.78	4.30	0.00	0.00	0.00	14.01	0 - 09:56 hrs
1303	☐	WG-PT-3860	7.37	51.38	Maximum	1.03	0 - 09:55 hrs	0.00	48.84	0.00	3.40	113.35	0.97	4.32	1.03	0.00	0.00	0.00	0 - 00:00 hrs
1304	☐	WG-PT-3862	6.42	49.93	Maximum	1.80	0 - 09:55 hrs	0.00	48.85	0.00	3.41	197.94	0.91	3.24	1.80	0.00	0.00	0.00	0 - 00:00 hrs
1305	☐	WG-PT-3865	5.35	47.76	Maximum	0.00	0 - 09:55 hrs	0.00	48.84	0.00	3.72	1,107.52	0.90	1.85	0.00	0.00	0.01	1.18	0 - 09:55 hrs
1306	☐	WG-PT-3871	11.36	60.99	Maximum	0.96	0 - 00:09 hrs	0.00	28.71	0.00	5.28	2,746.11	47.68	8.23	0.96	0.00	0.00	0.00	0 - 00:00 hrs
1307	☐	WG-PT-3882	8.35	70.46	Maximum	0.00	0 - 10:00 hrs	0.00	79.57	0.00	5.89	388.79	0.89	4.85	0.00	0.00	0.00	0.84	0 - 10:00 hrs
1308	☐	WG-PT-3884	7.66	67.46	Maximum	0.03	0 - 10:00 hrs	0.00	79.57	0.00	5.89	116.47	0.71	4.16	0.03	0.00	0.00	0.00	0 - 00:00 hrs
1309	☐	WG-PT-3888	10.10	68.39	Maximum	0.00	0 - 09:59 hrs	0.00	64.54	0.00	5.37	45.52	0.57	6.90	0.00	0.00	0.00	10.15	0 - 09:59 hrs
1310	☐	WG-PT-3898	1.57	77.87	Flow Link Cro	3.30	0 - 10:00 hrs	0.00	28.63	0.00	2.32	108.13	0.00	0.00	0.00	0.00	0.00	0.00	0 - 00:00 hrs
1311	☐	WG-PT-3945	10.70	102.11	Maximum	0.00	0 - 10:03 hrs	0.00	116.12	0.00	6.30	-2,019.03	0.31	7.70	0.00	0.00	0.00	32.36	0 - 10:03 hrs
1312	☐	WG-PT-3966	8.40	96.08	Maximum	0.40	0 - 10:03 hrs	0.00	15.98	0.00	0.42	16.29	0.70	6.40	0.40	0.00	0.00	0.00	0 - 00:00 hrs
1313	☐	WG-PT-3975	8.65	90.08	Surcharged	0.00	0 - 10:02 hrs	0.00	56.65	0.00	2.88	195.49	0.92	5.10	0.00	0.03	0.10	22.95	0 - 10:03 hrs
1314	☐	WG-PT-3981	14.00	38.22	Maximum	0.86	0 - 12:15 hrs	0.00	45.91	0.00	16.43	23,745.04	32.96	6.16	0.86	0.00	0.00	0.00	0 - 00:00 hrs
1315	☐	WG-PT-3982	9.52	36.16	Maximum	0.48	0 - 11:48 hrs	0.00	21.55	0.00	8.32	1,325.65	39.34	6.52	0.48	0.00	0.00	0.00	0 - 00:00 hrs
1316	☐	WG-PT-4027	1.21	56.99	Flow Link Cro	10.45	0 - 10:04 hrs	0.00	22.45	0.00	1.11	88.30	0.00	0.00	0.00	0.00	0.00	0.00	0 - 00:00 hrs
1317	☐	WG-PT-4061	8.83	86.20	Maximum	0.00	0 - 09:59 hrs	0.00	223.06	0.00	27.70	1,431.99	1.66	3.10	0.00	0.59	0.46	98.53	0 - 10:03 hrs
1318	☐	WG-PT-4069	3.94	65.11	Maximum	0.44	0 - 09:52 hrs	0.00	5.91	0.00	0.46	0.00	1.20	2.60	0.44	0.00	0.00	0.00	0 - 00:00 hrs
1319	☐	WG-PT-4071	4.52	65.68	Maximum	0.16	0 - 09:52 hrs	0.00	5.90	0.00	0.46	26.94	1.44	3.19	0.16	0.00	0.00	0.00	0 - 00:00 hrs
1320	☐	WG-PT-4078	4.56	53.53	Maximum	0.54	0 - 10:03 hrs	0.00	4.62	0.00	0.93	89.68	4.85	3.06	0.54	0.00	0.00	0.00	0 - 00:00 hrs
1321	☐	WG-PT-4079	4.57	53.38	Maximum	0.63	0 - 10:42 hrs	0.00	4.62	0.00	0.93	81.48	4.80	3.07	0.63	0.00	0.00	0.00	0 - 00:00 hrs
1322	☐	WG-PT-4082	4.80	52.73	Maximum	0.25	0 - 09:52 hrs	0.00	4.62	0.00	0.93	57.07	5.51	3.30	0.25	0.00	0.00	0.00	0 - 00:00 hrs
1323	☐	WG-PT-4083	4.67	52.64	Maximum	0.23	0 - 10:36 hrs	0.00	4.61	0.00	0.93	0.00	5.29	3.17	0.23	0.00	0.00	0.00	0 - 00:00 hrs

FUTURE CONDITIONS 5-YR 24-HR JUNCTIONS

		ID	Maximum Depth (ft)	Maximum HGL (ft)	Maximum HGL Head Class	Freeboard (ft)	Max.Depth Day-Time (day-time)	Maximum Lateral Inflow (cfs)	Maximum Total Inflow (cfs)	Lateral Inflow Volume (MG)	Total Inflow Volume (MG)	Flow Volume Difference (MG)	Total Surcharge Time (hrs)	Max.Surchar ge Height Above Ground (ft)	Min.Surchar ge Depth Below Rim (ft)	Total Flood Volume (MG)	Total Flood Time (hrs)	Maximum Flood Rate (cfs)	Max.Flood Day-Time (day-time)
1324	☐	WG-PT-4085	4.78	52.47	w Maximum	0.11	0 - 10:12 hrs	0.00	4.62	0.00	0.93	78.61	5.53	3.28	0.11	0.00	0.00	0.00	0 - 00:00 hrs
1325	☐	WG-PT-5007	5.92	55.26	w Maximum	0.00	0 - 09:56 hrs	0.00	18.03	0.00	1.55	0.00	1.63	3.92	0.00	0.00	0.01	1.01	0 - 09:57 hrs
1326	☐	WG-PT-5020	5.25	52.18	w Maximum	0.00	0 - 09:57 hrs	23.21	25.90	1.15	1.17	0.00	0.94	3.00	0.00	0.00	0.00	6.87	0 - 09:57 hrs
1327	☐	WG-PT-5037	12.95	38.95	w Maximum	0.85	0 - 12:15 hrs	0.00	224.63	0.00	28.82	26,155.78	30.22	5.45	0.85	0.00	0.00	0.00	0 - 00:00 hrs
1328	☐	WG-PT-5038	9.48	38.97	w Maximum	1.24	0 - 12:44 hrs	0.00	54.07	0.00	6.03	1,586.48	30.35	5.48	1.24	0.00	0.00	0.00	0 - 00:00 hrs
1329	☐	WG-PT-5042	11.90	36.13	w Maximum	0.00	0 - 09:52 hrs	0.00	40.40	0.00	12.50	5,462.06	39.35	6.50	0.00	0.01	1.79	5.50	0 - 09:59 hrs
1330	☐	WG-PT-5043	11.45	36.08	Surcharged	0.00	0 - 09:52 hrs	0.00	40.41	0.00	12.45	2,869.62	39.40	6.47	0.00	3.92	12.86	18.06	0 - 12:12 hrs
1331	☐	WG-PT-5058	6.55	51.49	Surcharged	0.00	0 - 09:59 hrs	0.00	30.94	0.00	2.36	162.44	1.53	3.45	0.00	0.00	0.02	1.14	0 - 09:59 hrs
1332	☐	WG-PT-5059	5.95	51.40	Surcharged	0.00	0 - 09:57 hrs	0.00	8.72	0.00	0.74	232.65	1.78	4.40	0.00	0.00	0.05	0.27	0 - 09:57 hrs
1333	☐	WG-PT-5060	6.92	51.54	Surcharged	0.00	0 - 09:59 hrs	0.00	68.68	0.00	5.92	606.94	1.43	3.38	0.00	0.00	0.00	15.72	0 - 09:59 hrs
1334	☐	WG-PT-5065	8.38	55.44	w Maximum	0.32	0 - 09:57 hrs	0.00	26.11	0.00	2.10	151.07	1.33	5.69	0.32	0.00	0.00	0.00	0 - 00:00 hrs
1335	☐	WG-PT-5067	3.70	54.63	Surcharged	0.00	0 - 09:52 hrs	0.00	1.75	0.00	0.13	125.06	1.62	2.25	0.00	0.00	0.23	1.32	0 - 09:52 hrs
1336	☐	WG-PT-5071	4.90	56.76	Surcharged	0.00	0 - 09:56 hrs	0.00	2.88	0.00	0.59	23.41	1.80	3.59	0.00	0.00	0.01	0.77	0 - 09:57 hrs
1337	☐	WG-PT-5076	8.30	59.31	w Maximum	0.00	0 - 09:56 hrs	0.00	14.21	0.00	1.44	429.84	2.84	6.25	0.00	0.00	0.01	1.12	0 - 09:57 hrs
1338	☐	WG-PT-5084	3.96	48.43	w Maximum	0.00	0 - 09:59 hrs	0.00	4.19	0.00	0.01	0.00	1.29	2.71	0.00	0.01	0.27	4.19	0 - 09:59 hrs
1339	☐	WG-PT-5092	9.41	47.71	w Maximum	0.39	0 - 09:56 hrs	0.00	53.22	0.00	6.19	539.44	3.33	5.81	0.39	0.00	0.00	0.00	0 - 00:00 hrs
1340	☐	WG-PT-5093	4.60	48.76	Surcharged	0.00	0 - 09:51 hrs	0.00	4.18	0.00	0.24	0.00	3.02	3.35	0.00	0.00	0.23	4.08	0 - 09:51 hrs
1341	☐	WG-PT-5095	4.60	48.15	Surcharged	0.00	0 - 09:49 hrs	0.00	4.04	0.00	0.24	68.77	3.22	3.15	0.00	0.01	0.58	3.58	0 - 09:49 hrs
1342	☐	WG-PT-5096	4.50	48.03	w Maximum	0.00	0 - 09:49 hrs	0.00	3.12	0.00	0.23	28.95	3.31	3.19	0.00	0.02	0.59	3.01	0 - 10:04 hrs
1343	☐	WG-PT-5148	8.52	44.67	w Maximum	0.78	0 - 09:52 hrs	0.00	27.99	0.00	2.03	2,588.54	1.66	4.83	0.78	0.00	0.00	0.00	0 - 00:00 hrs
1344	☐	WG-PT-5155	5.10	48.63	w Maximum	0.00	0 - 09:42 hrs	0.00	12.25	0.00	1.02	74.50	3.41	3.05	0.00	0.00	0.28	3.28	0 - 09:42 hrs
1345	☐	WG-PT-5206	13.05	44.93	Surcharged	0.00	0 - 09:57 hrs	0.00	121.87	0.00	10.51	11,239.83	20.97	7.55	0.00	0.00	0.00	2.01	0 - 09:57 hrs
1346	☐	WG-PT-5209	13.34	46.65	w Maximum	0.00	0 - 09:57 hrs	0.00	99.59	0.00	9.56	7,320.89	7.95	7.62	0.00	0.00	0.00	1.48	0 - 09:57 hrs
1347	☐	WG-PT-5213	12.93	47.09	Surcharged	0.00	0 - 09:56 hrs	0.00	99.51	0.00	9.63	2,361.15	5.60	7.53	0.00	0.00	0.01	53.33	0 - 09:56 hrs
1348	☐	WG-PT-5214	13.01	47.82	Surcharged	0.00	0 - 09:56 hrs	0.00	99.53	0.00	9.64	1,523.06	4.84	7.91	0.00	0.00	0.00	45.87	0 - 09:56 hrs
1349	☐	WG-PT-5219	7.84	49.55	w Maximum	0.00	0 - 09:59 hrs	0.00	98.51	0.00	6.84	971.71	1.62	3.62	0.00	0.00	0.01	17.11	0 - 09:59 hrs
1350	☐	WG-PT-5225	6.27	49.30	Surcharged	0.00	0 - 10:00 hrs	9.49	11.06	0.42	0.42	0.00	1.39	4.27	0.00	0.01	0.08	10.96	0 - 10:00 hrs
1351	☐	WG-PT-5226	6.28	49.20	Surcharged	0.00	0 - 10:00 hrs	0.00	11.82	0.00	0.42	25.67	1.45	4.28	0.00	0.00	0.10	8.91	0 - 10:00 hrs
1352	☐	WG-PT-5233	4.88	49.69	Surcharged	0.00	0 - 09:57 hrs	0.00	5.53	0.00	0.01	0.00	2.73	3.38	0.00	0.01	0.31	5.13	0 - 09:57 hrs
1353	☐	WG-PT-75061	11.57	96.19	w Maximum	0.48	0 - 09:56 hrs	0.00	48.23	0.00	3.04	113.57	0.65	9.07	0.48	0.00	0.00	0.00	0 - 00:00 hrs
1354	☐	WG-PT-75077	3.13	90.54	low Link Crov	6.77	0 - 10:06 hrs	0.00	79.47	0.00	6.67	-529.81	0.00	0.00	0.00	0.00	0.00	0.00	0 - 00:00 hrs
1355	☐	WG_DI_01	5.00	50.00	low Link Crov	0.00	0 - 10:03 hrs	33.70	58.40	2.09	2.13	0.00	0.25	0.00	0.00	0.02	0.12	30.61	0 - 10:03 hrs
1356	☐	WG_DI_02	5.00	130.00	low Link Crov	0.00	0 - 09:52 hrs	112.79	112.79	6.86	6.86	0.00	6.66	0.00	0.00	1.83	3.33	94.79	0 - 10:03 hrs
1357	☐	WG_DI_03	5.00	120.00	low Link Crov	0.00	0 - 10:00 hrs	128.14	128.14	8.52	8.51	0.00	1.11	0.00	0.00	0.43	0.55	64.53	0 - 10:03 hrs
1358	☐	WG_DI_04	0.94	100.94	low Link Crov	4.06	0 - 10:08 hrs	12.61	12.61	0.62	0.62	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0 - 00:00 hrs
1359	☐	WG_DI_05	0.91	103.91	low Link Crov	4.09	0 - 10:06 hrs	114.70	114.70	6.79	6.79	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0 - 00:00 hrs
1360	☐	WG_DI_06	8.00	94.00	w Maximum	0.00	0 - 10:00 hrs	33.56	33.56	1.68	1.68	0.00	0.59	4.50	0.00	0.02	0.13	21.39	0 - 10:00 hrs

FUTURE CONDITIONS 5-YR 24-HR CONDUITS

		ID	Full Depth (ft)	Full Flow (cfs)	Percent Slope (%)	Maximum Flow (cfs)	Maximum Flow Class	Max.Flow Day-Time (day-time)	Velocity at Maximum Flow (ft/s)	Maximum Velocity (ft/s)	Max.Flow/Fu ll Flow	Max.Depth/F ull Depth	Reserve Capacity (cfs)	Total Flow Volume (MG)	Maximum Top Width (ft)	Both End Surcharge Time (hrs)	Upstream Surcharge Time (hrs)	Downstream Surcharge Time (hrs)	Above Full-Flow Time (hrs)	Capacity Limited Time (hrs)	Instability Index
1	☐	0	2.00	11.88	0.24	7.24	Backwater	0 - 09:59 hrs	2.88	2.88	0.61	1.00	4.64	0.30	2.00	13.72	13.72	13.85	0.00	0.02	55
2	☐	10	4.00	105.70	0.54	33.16	Free Surface	0 - 10:04 hrs	8.30	8.30	0.31	0.35	72.54	1.94	3.83	0.00	0.00	0.00	0.00	0.00	0
3	☐	100	3.00	30.53	0.60	8.75	Free Surface	0 - 10:07 hrs	3.70	3.70	0.29	0.37	21.78	0.39	2.89	0.00	0.00	0.00	0.00	0.00	0
4	☐	1000	5.50	182.68	0.30	99.59	Backwater	0 - 10:03 hrs	4.19	4.19	0.55	1.00	83.08	9.56	5.50	4.31	4.31	4.50	0.00	0.43	31
5	☐	1001	5.00	82.17	0.10	99.54	ceeds Capac	0 - 10:03 hrs	5.07	5.07	1.21	1.00	-17.37	9.58	5.00	5.61	5.61	6.00	0.49	0.88	33
6	☐	1002	5.50	139.87	0.17	99.58	Backwater	0 - 10:03 hrs	4.19	4.19	0.71	1.00	40.29	9.50	5.50	3.97	3.97	9.20	0.00	0.00	28
7	☐	1003	3.50	27.15	0.07	53.22	ceeds Capac	0 - 09:56 hrs	5.53	5.53	1.96	1.00	-26.07	6.19	3.50	1.67	1.71	1.67	2.03	1.54	10
8	☐	1004	2.75	30.85	0.34	20.26	Backwater	0 - 10:02 hrs	3.41	3.41	0.66	1.00	10.59	1.88	2.75	14.26	14.26	15.11	0.00	0.00	51
9	☐	1005	1.50	3.07	0.11	4.80	ceeds Capac	0 - 09:59 hrs	2.72	2.72	1.56	1.00	-1.73	0.13	1.50	0.84	0.89	0.85	0.93	0.84	3
10	☐	1006	2.50	19.22	0.22	26.47	ceeds Capac	0 - 09:56 hrs	5.39	5.42	1.38	1.00	-7.25	2.10	2.50	0.59	0.61	0.60	0.24	0.29	4
11	☐	1007	2.00	9.12	0.16	18.02	ceeds Capac	0 - 09:52 hrs	5.73	5.73	1.98	1.00	-8.89	1.56	2.00	1.05	1.09	1.05	1.16	1.00	3
12	☐	1008	3.00	32.17	0.23	16.02	Backwater	0 - 10:00 hrs	2.27	2.27	0.50	1.00	16.15	1.05	3.00	15.18	15.18	16.55	0.00	0.00	47
13	☐	1009	3.00	38.14	0.33	16.03	Backwater	0 - 10:00 hrs	2.27	2.32	0.42	1.00	22.10	1.02	3.00	16.40	16.40	17.19	0.00	0.00	64
14	☐	101	2.25	39.62	1.64	22.39	Free Surface	0 - 10:04 hrs	10.26	10.26	0.57	0.54	17.22	1.11	2.25	0.00	0.00	0.00	0.00	0.00	0
15	☐	1010	3.00	31.60	0.22	16.05	Backwater	0 - 09:59 hrs	2.27	2.27	0.51	1.00	15.56	1.01	3.00	18.20	18.20	18.61	0.00	0.00	59
16	☐	1011	2.50	39.35	0.92	33.29	Backwater	0 - 09:59 hrs	7.17	8.85	0.85	1.00	6.06	1.80	2.50	0.05	0.05	0.22	0.00	0.00	1
17	☐	1012	2.50	11.49	0.08	34.16	ceeds Capac	0 - 09:59 hrs	7.27	7.27	2.97	1.00	-22.67	1.80	2.50	0.08	0.25	0.08	0.93	0.08	2
18	☐	1013	2.50	19.25	0.22	34.08	ceeds Capac	0 - 09:59 hrs	6.94	6.94	1.77	1.00	-14.84	1.80	2.50	0.25	0.30	0.25	0.49	0.25	0
19	☐	1014	2.00	12.21	0.29	18.20	ceeds Capac	0 - 10:08 hrs	5.79	5.79	1.49	1.00	-5.99	1.08	2.00	0.46	0.46	0.48	0.48	0.46	1
20	☐	1015	2.00	13.29	0.35	18.20	ceeds Capac	0 - 10:08 hrs	5.79	5.79	1.37	1.00	-4.91	1.08	2.00	0.37	0.38	0.40	0.38	0.35	1
21	☐	1016	2.00	12.67	0.31	18.21	ceeds Capac	0 - 10:08 hrs	5.80	5.80	1.44	1.00	-5.54	1.08	2.00	0.38	0.38	0.38	0.44	0.37	1
22	☐	1017	2.00	17.50	0.60	16.40	Backwater	0 - 09:59 hrs	5.22	5.22	0.94	1.00	1.09	0.73	2.00	0.31	0.31	0.38	0.00	0.00	1
23	☐	1018	2.00	14.84	0.43	17.40	ceeds Capac	0 - 10:04 hrs	5.54	5.54	1.17	1.00	-2.55	0.98	2.00	0.62	0.62	0.76	0.25	0.26	3
24	☐	1019	2.00	11.10	0.24	12.62	ceeds Capac	0 - 10:22 hrs	4.02	4.02	1.14	1.00	-1.53	1.17	2.00	0.79	0.79	0.89	0.23	0.23	2
25	☐	102	2.00	19.73	0.76	22.45	Free Surface	0 - 10:03 hrs	8.31	8.31	1.14	0.80	-2.72	1.11	2.00	0.00	0.17	0.00	0.14	0.00	0
26	☐	1020	2.00	15.15	0.45	15.90	ceeds Capac	0 - 10:22 hrs	5.06	5.06	1.05	1.00	-0.74	1.56	2.00	0.83	0.83	0.91	0.22	0.25	6
27	☐	1021	2.00	9.62	0.18	15.89	ceeds Capac	0 - 10:22 hrs	5.06	5.06	1.65	1.00	-6.27	1.55	2.00	0.91	0.95	0.91	1.06	0.90	5
28	☐	1022	2.00	9.79	0.19	15.89	ceeds Capac	0 - 10:22 hrs	5.06	5.06	1.62	1.00	-6.10	1.55	2.00	0.86	0.94	0.86	1.05	0.86	4
29	☐	1023	2.00	12.95	0.33	23.61	ceeds Capac	0 - 09:59 hrs	7.52	7.52	1.82	1.00	-10.66	1.97	2.00	0.76	0.92	0.76	1.02	0.76	3
30	☐	1024	2.00	10.61	0.22	23.61	ceeds Capac	0 - 09:59 hrs	7.52	7.52	2.22	1.00	-13.00	1.97	2.00	0.30	0.96	0.30	1.22	0.30	3
31	☐	1025	2.00	17.34	0.59	23.62	Free Surface	0 - 09:59 hrs	7.76	7.76	1.36	0.93	-6.29	1.97	2.00	0.00	0.30	0.00	0.59	0.00	0
32	☐	1026	3.00	39.31	0.35	23.26	Free Surface	0 - 09:59 hrs	3.95	3.95	0.59	0.78	16.05	1.96	3.00	0.00	0.00	5.12	0.00	0.00	0
33	☐	1027	2.00	12.96	0.33	20.11	ceeds Capac	0 - 09:56 hrs	6.40	6.40	1.55	1.00	-7.15	1.09	2.00	0.29	0.30	0.29	0.34	0.29	1
34	☐	1028	2.00	10.50	0.22	20.10	ceeds Capac	0 - 09:59 hrs	6.40	6.40	1.91	1.00	-9.59	1.09	2.00	0.27	0.33	0.27	0.42	0.27	1
35	☐	1029	2.00	12.52	0.31	20.10	ceeds Capac	0 - 09:59 hrs	6.40	6.40	1.61	1.00	-7.59	1.09	2.00	0.23	0.26	0.23	0.36	0.23	1
36	☐	103	2.00	18.27	0.65	22.46	ceeds Capac	0 - 10:03 hrs	7.15	7.15	1.23	1.00	-4.19	1.11	2.00	0.17	0.18	0.17	0.20	0.15	0
37	☐	1030	2.00	12.48	0.30	20.13	ceeds Capac	0 - 09:57 hrs	6.41	6.41	1.61	1.00	-7.66	1.09	2.00	0.21	0.25	0.21	0.36	0.21	1
38	☐	1031	2.00	12.19	0.29	20.21	Free Surface	0 - 09:57 hrs	6.77	6.77	1.66	0.90	-8.02	1.09	2.00	0.00	0.23	0.00	0.37	0.00	0
39	☐	1032	2.25	26.76	0.75	21.08	Free Surface	0 - 10:07 hrs	5.93	7.34	0.79	0.87	5.68	1.08	2.25	0.00	0.00	0.11	0.00	0.00	0
40	☐	1033	2.25	33.77	1.19	21.19	Backwater	0 - 10:10 hrs	5.56	7.35	0.63	1.00	12.58	1.08	2.25	0.15	0.15	0.23	0.00	0.00	1
41	☐	1035	2.50	22.73	0.31	33.35	ceeds Capac	0 - 10:03 hrs	6.79	6.79	1.47	1.00	-10.62	1.72	2.50	0.21	0.23	0.21	0.32	0.21	1
42	☐	1036	2.50	22.74	0.31	33.36	Free Surface	0 - 10:03 hrs	7.21	7.21	1.47	0.89	-10.62	1.72	2.50	0.00	0.21	0.00	0.32	0.00	1
43	☐	1037	2.50	30.88	0.57	33.35	Free Surface	0 - 10:03 hrs	7.46	7.58	1.08	0.86	-2.47	1.72	2.50	0.00	0.00	0.00	0.10	0.00	0
44	☐	1038	2.50	36.15	0.78	33.33	Free Surface	0 - 10:04 hrs	7.03	7.03	0.92	0.93	2.83	1.72	2.48	0.00	0.00	0.00	0.00	0.00	0
45	☐	1039	2.50	19.99	0.24	33.32	Free Surface	0 - 10:04 hrs	7.36	7.36	1.67	0.87	-13.33	1.72	2.35	0.00	0.00	0.00	0.36	0.00	0
46	☐	104	2.00	27.45	1.47	22.46	Backwater	0 - 10:03 hrs	7.15	7.91	0.82	1.00	5.00	1.11	2.00	0.10	0.10	0.18	0.00	0.00	1
47	☐	1040	2.50	33.85	0.68	31.56	Free Surface	0 - 09:59 hrs	7.85	7.85	0.93	0.76	2.29	1.33	2.50	0.00	0.00	0.00	0.00	0.00	0
48	☐	1042	3.50	67.70	0.45	31.37	Free Surface	0 - 09:59 hrs	6.14	6.15	0.46	0.53	36.33	1.33	3.50	0.00	0.00	0.00	0.00	0.00	0
49	☐	1043	3.50	44.49	0.20	30.60	Free Surface	0 - 10:00 hrs	4.93	4.95	0.69	0.62	13.89	1.33	3.50	0.00	0.00	0.00	0.00	0.00	0

FUTURE CONDITIONS 5-YR 24-HR CONDUITS

		ID	Full Depth (ft)	Full Flow (cfs)	Percent Slope (%)	Maximum Flow (cfs)	Maximum Flow Class	Max.Flow Day-Time (day-time)	Velocity at Maximum Flow (ft/s)	Maximum Velocity (ft/s)	Max.Flow/Fu ll Flow	Max.Depth/F ull Depth	Reserve Capacity (cfs)	Total Flow Volume (MG)	Maximum Top Width (ft)	Both End Surcharge Time (hrs)	Upstream Surcharge Time (hrs)	Downstream Surcharge Time (hrs)	Above Full-Flow Time (hrs)	Capacity Limited Time (hrs)	Instability Index
50	☐	1044	3.50	51.97	0.27	30.24	Free Surface	0 - 10:00 hrs	4.76	4.76	0.58	0.63	21.73	1.33	3.50	0.00	0.00	0.00	0.00	0.00	0
51	☐	1045	3.50	61.38	0.37	48.67	Free Surface	0 - 10:00 hrs	6.00	6.07	0.79	0.79	12.72	2.20	3.50	0.00	0.00	0.00	0.00	0.00	0
52	☐	1046	3.50	41.53	0.17	48.30	Free Surface	0 - 10:02 hrs	6.58	6.58	1.16	0.71	-6.77	2.20	3.50	0.00	0.00	0.00	0.17	0.00	0
53	☐	1047	3.50	87.30	0.75	48.29	Free Surface	0 - 10:02 hrs	7.78	7.79	0.55	0.61	39.01	2.20	3.50	0.00	0.00	0.00	0.00	0.00	0
54	☐	1048	3.50	55.22	0.30	48.26	Free Surface	0 - 10:02 hrs	6.93	6.93	0.87	0.68	6.96	2.20	3.50	0.00	0.00	0.00	0.00	0.00	0
55	☐	1049	4.00	75.82	0.28	48.27	Free Surface	0 - 10:02 hrs	6.45	6.45	0.64	0.58	27.56	2.20	4.00	0.00	0.00	0.00	0.00	0.00	0
56	☐	105	2.00	18.69	0.68	22.46	ceeds Capac	0 - 10:03 hrs	7.15	7.91	1.20	1.00	-3.77	1.11	2.00	0.10	0.16	0.10	0.18	0.10	0
57	☐	1050	4.00	74.75	0.27	48.30	Free Surface	0 - 10:03 hrs	6.80	6.80	0.65	0.55	26.45	2.20	4.00	0.00	0.00	0.00	0.00	0.00	0
58	☐	1051	4.00	90.82	0.40	48.29	Free Surface	0 - 10:03 hrs	7.51	7.51	0.53	0.51	42.54	2.20	4.00	0.00	0.00	0.00	0.00	0.00	0
59	☐	1052	4.00	100.20	0.49	48.24	Free Surface	0 - 10:03 hrs	6.78	6.78	0.48	0.56	51.96	2.20	4.00	0.00	0.00	0.00	0.00	0.00	0
60	☐	1053	4.00	79.87	0.31	54.75	Free Surface	0 - 10:03 hrs	7.33	8.03	0.69	0.57	25.12	2.50	4.00	0.00	0.00	0.00	0.00	0.00	0
61	☐	1054	4.00	153.88	1.15	66.66	Free Surface	0 - 10:04 hrs	10.37	10.37	0.43	0.51	87.22	2.49	4.00	0.00	0.00	0.00	0.00	0.00	4
62	☐	1055	4.00	183.46	1.63	62.26	Free Surface	0 - 10:06 hrs	5.86	6.40	0.34	0.79	121.20	2.49	4.00	0.00	0.00	0.00	0.00	0.00	4
63	☐	1056	4.00	80.08	0.31	59.48	Free Surface	0 - 10:06 hrs	5.87	6.01	0.74	0.75	20.60	2.49	4.00	0.00	0.00	0.00	0.00	0.00	4
64	☐	1057	4.00	80.35	0.31	69.78	Free Surface	0 - 10:07 hrs	6.11	6.27	0.87	0.85	10.57	3.16	4.00	0.00	0.00	0.00	0.00	0.00	3
65	☐	1058	4.00	87.56	0.37	69.02	Free Surface	0 - 10:07 hrs	5.67	5.67	0.79	0.93	18.54	3.16	4.00	0.00	0.00	0.00	0.00	0.00	4
66	☐	1059	4.00	110.02	0.59	69.39	Free Surface	0 - 10:07 hrs	5.55	5.55	0.63	0.98	40.63	3.15	4.00	0.00	0.00	0.00	0.00	0.00	3
67	☐	106	6.00	303.63	0.51	119.76	Backwater	0 - 10:03 hrs	4.24	4.24	0.39	1.00	183.87	6.41	6.00	0.04	0.04	19.76	0.00	0.00	12
68	☐	1060	4.00	32.40	0.05	69.60	Free Surface	0 - 10:07 hrs	5.62	5.62	2.15	0.96	-37.19	3.14	4.00	0.00	0.00	0.00	0.40	0.00	4
69	☐	1061	1.75	11.17	0.66	24.13	ceeds Capac	0 - 09:57 hrs	10.03	10.03	2.16	1.00	-12.96	1.11	1.75	0.58	0.58	0.97	0.49	0.49	6
70	☐	1062	4.00	77.18	0.29	89.59	Free Surface	0 - 10:07 hrs	7.51	7.51	1.16	0.90	-12.41	4.25	4.00	0.00	0.00	0.00	0.18	0.00	1
71	☐	1063	4.00	76.68	0.28	89.10	Free Surface	0 - 10:07 hrs	7.94	7.96	1.16	0.84	-12.42	4.24	3.90	0.00	0.00	0.00	0.18	0.00	2
72	☐	1064	1.75	6.63	0.23	1.14	Free Surface	0 - 09:59 hrs	2.37	2.37	0.17	0.25	5.49	0.04	1.66	0.00	0.00	0.00	0.00	0.00	0
73	☐	1065	2.50	69.95	2.91	11.97	Free Surface	0 - 09:59 hrs	4.20	4.20	0.17	0.56	57.98	0.50	2.50	0.00	0.00	0.00	0.00	0.00	0
74	☐	1066	2.50	23.19	0.32	10.87	Free Surface	0 - 09:59 hrs	4.88	4.88	0.47	0.46	12.32	0.46	2.42	0.00	0.00	0.00	0.00	0.00	0
75	☐	1067	3.00	38.68	0.34	30.50	Free Surface	0 - 00:00 hrs	4.89	5.05	0.79	0.94	8.18	0.84	2.53	0.00	0.00	0.00	0.00	0.00	1
76	☐	1068	3.00	36.91	0.31	19.27	Free Surface	0 - 10:00 hrs	3.96	3.98	0.52	0.69	17.64	0.84	3.00	0.00	0.00	0.00	0.00	0.00	0
77	☐	1069	1.25	7.83	1.95	4.19	Free Surface	0 - 09:59 hrs	4.18	4.18	0.53	0.76	3.64	0.16	1.25	0.00	0.00	1.47	0.00	0.00	0
78	☐	107	3.00	44.98	0.45	21.55	Backwater	0 - 20:15 hrs	3.05	3.05	0.48	1.00	23.43	7.70	3.00	19.67	19.67	19.81	0.00	0.14	75
79	☐	1070	2.00	35.98	2.53	19.85	Backwater	0 - 09:56 hrs	7.82	9.11	0.55	1.00	16.13	1.18	2.00	0.28	0.28	0.33	0.00	0.00	1
80	☐	1071	2.00	20.15	0.79	17.46	Backwater	0 - 10:11 hrs	5.56	6.81	0.87	1.00	2.69	1.18	2.00	0.33	0.33	0.43	0.00	0.00	1
81	☐	1072	2.50	28.94	0.50	27.64	Backwater	0 - 09:56 hrs	5.63	5.63	0.95	1.00	1.30	1.71	2.50	0.45	0.45	0.62	0.00	0.00	2
82	☐	1073	2.50	13.32	0.11	27.64	Backwater	0 - 09:56 hrs	5.63	5.63	2.07	1.00	-14.32	1.71	2.50	0.43	0.43	0.62	0.72	0.00	2
83	☐	1074	3.50	61.22	0.37	81.83	Free Surface	0 - 10:04 hrs	9.17	9.17	1.34	0.87	-20.62	3.80	3.50	0.00	0.00	0.00	0.25	0.00	0
84	☐	1075	3.50	39.62	0.16	81.92	Free Surface	0 - 10:04 hrs	8.52	8.52	2.07	1.00	-42.30	3.81	3.50	0.00	0.15	0.00	0.45	0.00	0
85	☐	1076	3.50	118.26	1.38	81.83	Free Surface	0 - 10:04 hrs	9.85	9.85	0.69	0.81	36.44	3.81	3.50	0.00	0.00	0.17	0.00	0.00	0
86	☐	1077	3.50	88.36	0.77	79.22	Free Surface	0 - 10:04 hrs	10.38	10.39	0.90	0.74	9.14	3.68	3.50	0.00	0.00	0.00	0.00	0.00	0
87	☐	1078	3.50	53.66	0.28	56.34	Free Surface	0 - 10:06 hrs	7.43	7.43	1.05	0.74	-2.69	2.50	3.50	0.00	0.00	0.00	0.08	0.00	0
88	☐	1079	3.50	51.12	0.26	56.47	Free Surface	0 - 10:06 hrs	6.52	6.52	1.10	0.84	-5.34	2.50	3.50	0.00	0.00	0.00	0.14	0.00	0
89	☐	108	3.00	46.99	0.50	21.55	Backwater	0 - 20:08 hrs	3.05	3.05	0.46	1.00	25.44	7.68	3.00	18.87	18.87	19.67	0.00	0.00	76
90	☐	1080	3.00	35.10	0.28	56.69	Free Surface	0 - 10:03 hrs	8.42	8.42	1.62	0.91	-21.59	3.24	3.00	0.00	0.26	0.00	0.44	0.00	0
91	☐	1082	3.00	23.78	0.13	56.68	ceeds Capac	0 - 10:03 hrs	8.02	8.02	2.38	1.00	-32.90	3.24	3.00	0.20	0.42	0.20	0.76	0.20	0
92	☐	1083	3.00	20.20	0.09	46.26	ceeds Capac	0 - 10:06 hrs	6.54	6.54	2.29	1.00	-26.06	2.75	3.00	0.39	0.46	0.39	0.77	0.39	1
93	☐	1084	2.00	23.86	1.11	16.61	Free Surface	0 - 10:04 hrs	8.20	8.20	0.70	0.61	7.25	0.76	2.00	0.00	0.00	0.00	0.00	0.00	0
94	☐	1085	2.00	20.99	0.86	16.88	Free Surface	0 - 09:59 hrs	7.64	7.64	0.80	0.66	4.11	0.76	2.00	0.00	0.00	0.00	0.00	0.00	0
95	☐	1086	2.00	18.60	0.68	15.38	Free Surface	0 - 10:00 hrs	6.06	6.06	0.83	0.75	3.23	0.68	2.00	0.00	0.00	0.00	0.00	0.00	1
96	☐	1087	2.00	14.91	0.43	15.44	Free Surface	0 - 10:00 hrs	5.95	5.95	1.04	0.77	-0.53	0.69	2.00	0.00	0.00	0.00	0.03	0.00	0
97	☐	1088	2.00	19.41	0.74	15.42	Free Surface	0 - 10:00 hrs	6.75	6.76	0.79	0.68	3.99	0.69	2.00	0.00	0.00	0.00	0.00	0.00	0
98	☐	1089	2.00	14.47	0.41	15.60	Free Surface	0 - 09:59 hrs	5.47	5.47	1.08	0.85	-1.13	0.69	2.00	0.00	0.00	0.00	0.11	0.00	0

FUTURE CONDITIONS 5-YR 24-HR CONDUITS

		ID	Full Depth (ft)	Full Flow (cfs)	Percent Slope (%)	Maximum Flow (cfs)	Maximum Flow Class	Max.Flow Day-Time (day-time)	Velocity at Maximum Flow (ft/s)	Maximum Velocity (ft/s)	Max.Flow/Fu ll Flow	Max.Depth/F ull Depth	Reserve Capacity (cfs)	Total Flow Volume (MG)	Maximum Top Width (ft)	Both End Surcharge Time (hrs)	Upstream Surcharge Time (hrs)	Downstream Surcharge Time (hrs)	Above Full-Flow Time (hrs)	Capacity Limited Time (hrs)	Instability Index
99	☐	1090	2.00	20.24	0.80	15.79	Free Surface	0 - 09:59 hrs	5.60	5.65	0.78	0.84	4.44	0.69	2.00	0.00	0.00	0.01	0.00	0.00	0
100	☐	1091	2.00	4.64	0.04	16.15	Free Surface	0 - 09:59 hrs	5.61	5.61	3.48	0.86	-11.51	0.69	2.00	0.00	0.15	0.00	0.61	0.00	0
101	☐	1092	3.00	112.63	2.85	56.64	Free Surface	0 - 10:04 hrs	12.12	12.12	0.50	0.63	55.99	3.24	3.00	0.00	0.00	0.00	0.00	0.00	0
102	☐	1093	3.00	94.67	2.01	56.63	Free Surface	0 - 10:04 hrs	13.99	13.99	0.60	0.56	38.04	3.24	3.00	0.00	0.00	0.00	0.00	0.00	0
103	☐	1094	3.00	66.21	0.99	58.97	Free Surface	0 - 10:03 hrs	9.05	9.25	0.89	0.87	7.24	3.35	3.00	0.00	0.00	0.02	0.00	0.00	0
104	☐	1095	3.00	34.38	0.27	59.02	ceeds Capac	0 - 10:04 hrs	8.35	8.35	1.72	1.00	-24.64	3.35	3.00	0.00	0.16	0.00	0.47	0.00	0
105	☐	1096	3.00	45.34	0.46	59.00	Free Surface	0 - 10:04 hrs	8.71	8.71	1.30	0.91	-13.65	3.35	3.00	0.00	0.15	0.00	0.29	0.00	0
106	☐	1097	2.00	17.60	0.61	24.13	ceeds Capac	0 - 09:57 hrs	7.68	7.68	1.37	1.00	-6.53	1.11	2.00	0.34	0.34	0.50	0.23	0.23	1
107	☐	1098	2.00	9.68	0.18	24.12	ceeds Capac	0 - 09:57 hrs	7.68	7.68	2.49	1.00	-14.44	1.11	2.00	0.32	0.39	0.32	0.60	0.32	1
108	☐	1099	2.00	6.64	0.09	16.74	ceeds Capac	0 - 10:04 hrs	5.33	5.33	2.52	1.00	-10.10	0.78	2.00	0.39	0.40	0.39	0.61	0.34	1
109	☐	11	2.00	15.99	0.50	21.46	ceeds Capac	0 - 09:56 hrs	6.87	6.94	1.34	1.00	-5.47	2.89	2.00	0.80	1.14	0.80	1.30	0.80	0
110	☐	110	3.50	193.44	3.70	43.01	Backwater	0 - 15:07 hrs	4.47	4.47	0.22	1.00	150.43	10.97	3.50	20.72	20.72	20.91	0.00	0.00	65
111	☐	1100	1.50	9.33	1.05	1.53	Free Surface	0 - 09:59 hrs	1.62	1.76	0.16	0.67	7.80	0.00	1.50	0.00	0.00	0.00	0.00	0.00	0
112	☐	1101	2.50	40.14	0.96	27.63	Backwater	0 - 09:56 hrs	5.63	5.63	0.69	1.00	12.50	1.71	2.50	0.43	0.43	0.68	0.00	0.00	4
113	☐	1102	2.50	15.15	0.14	32.64	ceeds Capac	0 - 09:57 hrs	6.65	6.65	2.15	1.00	-17.49	1.99	2.50	0.43	0.49	0.43	0.73	0.43	3
114	☐	1103	2.50	26.63	0.42	32.69	Backwater	0 - 09:57 hrs	6.66	6.66	1.23	1.00	-6.06	2.00	2.50	0.49	0.49	0.68	0.30	0.00	5
115	☐	1104	1.50	14.33	2.48	10.93	Backwater	0 - 09:59 hrs	7.13	8.83	0.76	1.00	3.40	0.46	1.50	0.17	0.17	0.18	0.00	0.00	1
116	☐	1105	2.00	17.20	0.58	10.17	Backwater	0 - 09:57 hrs	3.88	4.26	0.59	1.00	7.04	0.45	2.00	0.19	0.19	0.23	0.00	0.00	1
117	☐	1106	2.25	22.35	0.52	21.53	Backwater	0 - 10:03 hrs	5.41	6.44	0.96	1.00	0.82	0.97	2.25	0.22	0.22	0.25	0.00	0.01	1
118	☐	1107	2.25	22.18	0.51	21.31	Backwater	0 - 10:04 hrs	5.36	5.89	0.96	1.00	0.87	0.97	2.25	0.26	0.26	0.28	0.00	0.00	0
119	☐	1108	2.25	22.39	0.52	22.04	Backwater	0 - 10:07 hrs	5.54	6.25	0.98	1.00	0.35	1.17	2.25	0.28	0.28	0.31	0.00	0.00	0
120	☐	1109	3.00	36.53	0.30	65.90	ceeds Capac	0 - 09:59 hrs	9.45	9.56	1.80	1.00	-29.37	3.49	3.00	0.20	0.30	0.20	0.49	0.20	1
121	☐	111	4.00	41.80	0.08	45.89	Backwater	0 - 12:52 hrs	3.65	3.65	1.10	1.00	-4.08	12.44	4.00	19.44	19.44	20.55	5.73	0.00	46
122	☐	1110	3.00	55.81	0.70	65.74	ceeds Capac	0 - 09:59 hrs	9.30	9.30	1.18	1.00	-9.94	3.49	3.00	0.23	0.23	0.25	0.08	0.09	1
123	☐	1111	3.00	36.38	0.30	65.72	ceeds Capac	0 - 09:59 hrs	9.30	9.30	1.81	1.00	-29.34	3.49	3.00	0.23	0.41	0.23	0.49	0.23	0
124	☐	1112	3.00	39.76	0.36	44.26	ceeds Capac	0 - 09:59 hrs	6.26	6.26	1.11	1.00	-4.50	2.46	3.00	0.32	0.32	0.43	0.07	0.07	0
125	☐	1113	2.50	27.12	0.44	48.23	ceeds Capac	0 - 09:59 hrs	9.83	9.83	1.78	1.00	-21.12	3.04	2.50	0.32	0.41	0.32	0.60	0.32	1
126	☐	1114	2.50	20.96	0.26	30.62	ceeds Capac	0 - 10:10 hrs	6.24	6.24	1.46	1.00	-9.66	2.03	2.50	0.40	0.45	0.41	0.54	0.39	0
127	☐	1115	2.50	21.52	0.28	16.40	Backwater	0 - 10:10 hrs	3.34	4.66	0.76	1.00	5.12	1.05	2.50	0.35	0.35	0.40	0.00	0.00	1
128	☐	1116	3.50	165.91	2.72	59.79	Backwater	0 - 10:00 hrs	6.21	9.98	0.36	1.00	106.12	3.48	3.50	0.16	0.16	0.28	0.00	0.00	1
129	☐	1117	3.50	70.95	0.50	59.88	Backwater	0 - 10:00 hrs	6.22	6.53	0.84	1.00	11.07	3.49	3.50	0.28	0.28	0.30	0.00	0.00	1
130	☐	1118	3.50	60.50	0.36	91.63	ceeds Capac	0 - 10:00 hrs	9.52	9.52	1.51	1.00	-31.13	5.04	3.50	0.29	0.33	0.29	0.42	0.29	1
131	☐	1119	3.50	87.05	0.75	97.27	ceeds Capac	0 - 10:03 hrs	10.11	10.35	1.12	1.00	-10.22	5.48	3.50	0.18	0.18	0.25	0.16	0.15	0
132	☐	112	4.50	85.35	0.19	84.12	Backwater	0 - 09:59 hrs	5.29	5.29	0.99	1.00	1.23	12.54	4.50	14.79	14.79	17.49	0.00	0.02	33
133	☐	1120	3.50	87.98	0.76	97.28	ceeds Capac	0 - 10:03 hrs	10.11	10.11	1.11	1.00	-9.30	5.48	3.50	0.24	0.24	0.31	0.15	0.14	0
134	☐	1121	3.50	98.25	0.95	116.36	ceeds Capac	0 - 10:03 hrs	12.09	12.09	1.18	1.00	-18.11	6.39	3.39	0.30	0.30	23.92	0.16	0.16	1
135	☐	1122	3.50	54.95	0.30	101.43	ceeds Capac	0 - 10:00 hrs	10.64	10.65	1.85	1.00	-46.48	5.48	3.50	0.20	0.36	0.20	0.51	0.20	1
136	☐	1123	2.50	56.43	1.89	48.25	Free Surface	0 - 09:59 hrs	11.82	11.97	0.86	0.77	8.18	3.04	2.50	0.00	0.19	0.00	0.00	0.00	0
137	☐	1124	2.50	33.46	0.67	48.24	ceeds Capac	0 - 09:59 hrs	9.83	9.83	1.44	1.00	-14.78	3.04	2.50	0.19	0.32	0.19	0.44	0.19	1
138	☐	1126	2.00	21.61	0.91	7.72	Free Surface	0 - 10:07 hrs	2.91	3.62	0.36	0.81	13.89	0.34	2.00	0.00	0.00	0.00	0.00	0.00	0
139	☐	1128	2.00	7.88	0.12	21.31	Free Surface	0 - 10:03 hrs	6.89	7.10	2.70	0.96	-13.43	1.00	2.00	0.00	0.00	0.07	0.64	0.00	0
140	☐	1129	2.00	7.91	0.12	0.00	Backwater	0 - 00:00 hrs	0.00	0.00	0.00	1.00	7.91	0.00	0.78	21.13	21.13	24.00	0.00	0.00	0
141	☐	1130	3.50	41.64	0.17	29.46	Backwater	0 - 10:03 hrs	3.06	3.06	0.71	1.00	12.17	1.38	3.50	4.36	4.36	5.95	0.00	0.00	29
142	☐	1131	1.50	5.40	0.35	8.45	Backwater	0 - 09:56 hrs	4.81	4.86	1.57	1.00	-3.05	0.13	1.50	0.85	0.85	0.86	0.01	0.30	7
143	☐	1132	2.25	43.29	1.95	40.41	Backwater	0 - 09:59 hrs	10.16	17.22	0.93	1.00	2.87	1.28	2.25	0.97	0.97	0.99	0.00	0.18	4
144	☐	1133	3.50	160.66	2.55	61.96	Backwater	0 - 09:56 hrs	6.60	6.60	0.39	1.00	98.69	5.91	3.50	0.84	0.85	0.86	0.00	0.09	6
145	☐	1134	4.00	81.43	0.32	84.58	ceeds Capac	0 - 09:59 hrs	6.73	6.73	1.04	1.00	-3.15	6.31	4.00	0.75	0.75	0.88	0.00	0.01	5
146	☐	1135	3.50	56.38	0.31	63.80	ceeds Capac	0 - 09:57 hrs	6.66	6.66	1.13	1.00	-7.42	5.91	3.50	0.71	0.71	0.86	0.04	0.01	4
147	☐	1136	1.50	3.65	0.16	8.72	ceeds Capac	0 - 09:53 hrs	4.96	4.96	2.39	1.00	-5.07	0.74	1.50	0.89	1.18	0.89	1.36	0.89	2

FUTURE CONDITIONS 5-YR 24-HR CONDUITS

		ID	Full Depth (ft)	Full Flow (cfs)	Percent Slope (%)	Maximum Flow (cfs)	Maximum Flow Class	Max.Flow Day-Time (day-time)	Velocity at Maximum Flow (ft/s)	Maximum Velocity (ft/s)	Max.Flow/Fu ll Flow	Max.Depth/F ull Depth	Reserve Capacity (cfs)	Total Flow Volume (MG)	Maximum Top Width (ft)	Both End Surcharge Time (hrs)	Upstream Surcharge Time (hrs)	Downstream Surcharge Time (hrs)	Above Full-Flow Time (hrs)	Capacity Limited Time (hrs)	Instability Index
148	☐	114	4.00	99.18	0.48	100.94	Free Surface	0 - 10:10 hrs	9.31	9.31	1.02	0.81	-1.76	6.92	4.00	0.00	0.00	0.00	0.10	0.00	0
149	☐	1140	2.50	17.69	0.19	22.01	ceeds Capac	0 - 10:12 hrs	4.48	4.48	1.24	1.00	-4.32	1.60	2.50	0.60	0.60	0.97	0.42	0.42	3
150	☐	1141	2.50	21.49	0.27	22.01	ceeds Capac	0 - 10:12 hrs	4.48	4.48	1.02	1.00	-0.52	1.58	2.50	1.27	1.27	19.72	0.33	0.21	19
151	☐	1142	2.50	7.08	0.03	20.41	ceeds Capac	0 - 09:59 hrs	4.16	4.16	2.88	1.00	-13.34	0.89	2.50	0.31	0.33	0.31	0.64	0.31	1
152	☐	1143	2.50	25.83	0.40	36.38	ceeds Capac	0 - 09:59 hrs	7.41	7.41	1.41	1.00	-10.55	1.58	2.50	0.34	0.34	0.38	0.21	0.22	1
153	☐	1144	2.50	29.01	0.50	36.39	ceeds Capac	0 - 09:59 hrs	7.41	7.41	1.25	1.00	-7.38	1.57	2.50	0.33	0.33	0.43	0.19	0.18	1
154	☐	1145	2.50	9.50	0.05	36.40	ceeds Capac	0 - 09:59 hrs	7.42	7.42	3.83	1.00	-26.89	1.57	2.50	0.16	0.37	0.16	0.93	0.16	0
155	☐	1146	2.50	10.23	0.06	36.45	Free Surface	0 - 09:59 hrs	7.46	7.46	3.56	0.98	-26.22	1.57	2.50	0.00	0.20	0.00	0.87	0.00	1
156	☐	1147	2.00	11.37	0.25	16.19	ceeds Capac	0 - 10:03 hrs	5.15	5.15	1.42	1.00	-4.83	0.72	2.00	0.38	0.38	0.44	0.23	0.22	1
157	☐	1148	2.00	12.68	0.31	16.18	ceeds Capac	0 - 10:03 hrs	5.15	5.15	1.28	1.00	-3.51	0.73	2.00	0.28	0.28	0.34	0.20	0.19	0
158	☐	1149	1.25	10.04	3.21	12.21	ceeds Capac	0 - 10:00 hrs	9.95	9.95	1.22	1.00	-2.18	0.99	1.25	0.43	0.48	0.44	0.53	0.43	0
159	☐	115	3.50	83.04	0.68	101.03	Free Surface	0 - 10:07 hrs	10.76	10.76	1.22	0.94	-17.99	6.92	3.50	0.00	0.18	0.00	0.38	0.00	0
160	☐	1150	2.00	15.60	0.48	13.41	Backwater	0 - 10:07 hrs	4.60	5.64	0.86	1.00	2.19	0.99	2.00	0.05	0.05	0.14	0.00	0.00	0
161	☐	1151	3.00	36.48	0.30	15.25	Backwater	0 - 10:15 hrs	2.57	2.69	0.42	1.00	21.23	0.99	3.00	0.12	0.12	0.36	0.00	0.00	1
162	☐	1152	3.00	21.67	0.11	33.31	ceeds Capac	0 - 10:03 hrs	4.71	4.71	1.54	1.00	-11.64	1.97	3.00	0.35	0.36	0.35	0.43	0.34	1
163	☐	1153	3.00	25.06	0.14	33.32	ceeds Capac	0 - 10:03 hrs	4.71	4.71	1.33	1.00	-8.26	1.96	3.00	0.35	0.35	0.36	0.33	0.32	1
164	☐	1154	3.00	19.08	0.08	41.56	ceeds Capac	0 - 10:03 hrs	5.88	5.88	2.18	1.00	-22.47	2.30	3.00	0.23	0.36	0.23	0.66	0.23	1
165	☐	1155	2.00	10.72	0.22	16.40	Backwater	0 - 10:06 hrs	5.22	5.22	1.53	1.00	-5.67	0.84	2.00	19.88	19.88	20.12	0.34	0.00	65
166	☐	1156	2.00	37.34	2.72	16.40	Backwater	0 - 10:06 hrs	5.22	5.22	0.44	1.00	20.94	0.84	2.00	19.89	19.89	20.33	0.00	0.00	64
167	☐	1157	3.50	52.37	0.27	46.70	Backwater	0 - 09:59 hrs	4.85	4.85	0.89	1.00	5.67	2.74	3.50	19.88	19.88	20.33	0.00	0.00	55
168	☐	1158	3.00	24.90	0.40	36.16	ceeds Capac	0 - 00:00 hrs	5.30	5.38	1.45	1.00	-11.26	5.91	1.18	23.98	23.98	24.00	1.53	1.50	3
169	☐	1159	2.50	23.18	0.32	35.75	ceeds Capac	0 - 09:59 hrs	7.28	17.18	1.54	1.00	-12.58	5.91	2.10	1.30	1.69	1.30	1.91	1.30	8
170	☐	1160	2.00	13.14	0.34	7.10	Backwater	0 - 10:14 hrs	2.26	2.42	0.54	1.00	6.04	0.52	2.00	1.36	1.36	1.73	0.00	0.00	11
171	☐	1161	2.00	9.17	0.16	7.10	Backwater	0 - 10:14 hrs	2.26	2.39	0.77	1.00	2.07	0.52	2.00	1.73	1.73	1.84	0.00	0.06	11
172	☐	1162	1.50	24.80	7.42	16.35	Backwater	0 - 09:55 hrs	9.25	9.25	0.66	1.00	8.45	2.15	1.50	1.37	1.37	2.28	0.00	0.00	10
173	☐	1163	1.50	12.80	1.98	16.35	ceeds Capac	0 - 09:52 hrs	9.25	9.25	1.28	1.00	-3.55	2.15	1.48	2.28	2.28	23.84	1.18	1.18	17
174	☐	1164	2.00	7.14	0.10	11.85	ceeds Capac	0 - 10:53 hrs	3.77	3.77	1.66	1.00	-4.70	2.02	2.00	23.04	23.04	23.84	2.75	2.79	60
175	☐	1165	2.50	13.03	0.10	11.84	Backwater	0 - 10:53 hrs	2.41	2.53	0.91	1.00	1.19	2.00	2.48	23.70	23.70	23.89	0.00	0.20	17
176	☐	1166	5.00	369.59	2.01	325.76	Backwater	0 - 00:00 hrs	17.21	17.21	0.88	1.00	43.84	2.19	1.96	23.99	23.99	24.00	0.00	0.02	53
177	☐	1167	3.50	47.25	0.22	94.11	ceeds Capac	0 - 00:01 hrs	9.95	10.02	1.99	1.00	-46.86	5.52	1.37	23.97	23.97	24.00	0.22	0.16	59
178	☐	1168	3.50	50.08	0.25	75.61	Backwater	0 - 00:01 hrs	8.39	8.39	1.51	1.00	-25.53	5.55	2.92	23.96	23.96	23.97	0.02	0.06	61
179	☐	1169	3.50	54.54	0.29	68.57	Backwater	0 - 00:01 hrs	11.69	11.69	1.26	1.00	-14.03	4.92	2.20	23.95	23.95	23.97	0.02	0.00	76
180	☐	117	4.50	101.07	0.26	148.02	ceeds Capac	0 - 09:57 hrs	9.42	9.68	1.46	1.00	-46.95	8.11	4.50	0.76	0.83	0.76	1.04	0.70	4
181	☐	1170	4.00	122.87	0.73	47.57	Free Surface	0 - 10:06 hrs	5.21	5.26	0.39	0.68	75.30	2.30	4.00	0.00	0.00	0.00	0.00	0.00	2
182	☐	1171	4.00	34.64	0.06	47.74	Free Surface	0 - 10:04 hrs	5.13	5.25	1.38	0.70	-13.10	2.30	4.00	0.00	0.00	0.00	0.27	0.00	1
183	☐	1172	4.00	88.54	0.38	47.90	Free Surface	0 - 10:04 hrs	4.78	4.80	0.54	0.75	40.64	2.31	4.00	0.00	0.00	0.00	0.00	0.00	3
184	☐	1173	3.50	54.68	0.30	54.96	Backwater	0 - 00:02 hrs	6.43	6.43	1.01	1.00	-0.29	4.95	3.02	23.93	23.93	23.95	0.00	0.00	73
185	☐	1174	3.50	46.77	0.22	44.82	Backwater	0 - 00:04 hrs	5.34	5.35	0.96	1.00	1.95	4.98	3.02	23.89	23.89	23.93	0.00	0.01	65
186	☐	1175	3.50	42.09	0.17	38.29	Backwater	0 - 10:38 hrs	3.98	4.99	0.91	1.00	3.80	5.00	3.31	23.80	23.80	23.89	0.00	0.08	64
187	☐	1176	2.50	4.10	0.01	40.33	ceeds Capac	0 - 10:03 hrs	8.22	19.08	9.83	1.00	-36.23	2.05	0.98	23.94	23.94	23.94	3.75	9.82	77
188	☐	1177	1.50	12.06	1.76	10.90	Backwater	0 - 00:04 hrs	6.39	6.39	0.90	1.00	1.16	0.00	0.59	1.23	1.23	23.94	0.00	0.00	54
189	☐	1178	3.50	72.20	0.51	49.79	Backwater	0 - 09:59 hrs	5.18	5.18	0.69	1.00	22.41	4.45	3.50	1.16	1.16	2.13	0.00	0.00	11
190	☐	1179	3.50	44.87	0.20	49.79	ceeds Capac	0 - 09:59 hrs	5.18	5.18	1.11	1.00	-4.92	4.42	3.50	3.50	3.50	5.83	0.31	0.34	32
191	☐	118	3.50	35.90	0.13	43.42	ceeds Capac	0 - 10:08 hrs	4.51	4.51	1.21	1.00	-7.52	2.84	3.50	0.48	0.48	0.48	0.40	0.32	2
192	☐	1180	3.50	32.30	0.10	49.79	ceeds Capac	0 - 09:59 hrs	5.18	5.18	1.54	1.00	-17.49	4.44	3.47	2.13	2.13	2.68	0.77	0.79	17
193	☐	1181	2.25	15.75	0.26	19.39	ceeds Capac	0 - 09:59 hrs	4.88	4.88	1.23	1.00	-3.64	1.89	2.25	0.89	0.89	0.94	0.66	0.66	5
194	☐	1182	3.00	48.68	0.53	37.53	Backwater	0 - 10:14 hrs	5.31	5.31	0.77	1.00	11.15	3.87	3.00	1.10	1.10	1.33	0.00	0.00	8
195	☐	1183	2.25	17.28	0.31	19.39	ceeds Capac	0 - 09:59 hrs	4.88	4.88	1.12	1.00	-2.11	1.89	2.25	0.95	0.95	1.03	0.53	0.53	6
196	☐	1184	2.25	10.66	0.12	20.52	ceeds Capac	0 - 09:52 hrs	5.16	5.16	1.92	1.00	-9.86	1.98	2.25	1.23	1.23	1.26	1.09	1.05	6

FUTURE CONDITIONS 5-YR 24-HR CONDUITS

		ID	Full Depth (ft)	Full Flow (cfs)	Percent Slope (%)	Maximum Flow (cfs)	Maximum Flow Class	Max.Flow Day-Time (day-time)	Velocity at Maximum Flow (ft/s)	Maximum Velocity (ft/s)	Max.Flow/Fu ll Flow	Max.Depth/F ull Depth	Reserve Capacity (cfs)	Total Flow Volume (MG)	Maximum Top Width (ft)	Both End Surcharge Time (hrs)	Upstream Surcharge Time (hrs)	Downstream Surcharge Time (hrs)	Above Full-Flow Time (hrs)	Capacity Limited Time (hrs)	Instability Index
197	☐	1185	2.25	35.31	1.30	22.54	Backwater	0 - 10:11 hrs	5.67	5.67	0.64	1.00	12.77	1.81	2.25	0.90	0.90	1.20	0.00	0.00	4
198	☐	1186	2.25	14.12	0.21	17.16	ceeds Capac	0 - 09:52 hrs	4.32	4.32	1.22	1.00	-3.04	1.70	2.25	1.18	1.18	1.24	0.40	0.47	6
199	☐	1187	3.50	46.31	0.21	38.28	Backwater	0 - 10:38 hrs	3.98	4.32	0.83	1.00	8.03	5.02	3.50	23.20	23.20	23.80	0.00	0.00	62
200	☐	1188	2.75	27.64	0.27	96.87	Backwater	0 - 00:00 hrs	16.31	16.31	3.50	1.00	-69.23	1.81	1.08	24.00	24.00	24.00	0.05	0.00	68
201	☐	1189	2.75	48.02	0.82	86.03	ceeds Capac	0 - 00:00 hrs	14.75	14.75	1.79	1.00	-38.01	1.81	1.08	23.99	24.00	23.99	0.01	0.13	66
202	☐	119	3.50	43.26	0.18	25.67	Backwater	0 - 10:03 hrs	2.67	3.06	0.59	1.00	17.60	1.24	3.50	0.29	0.29	0.37	0.00	0.00	1
203	☐	1190	2.75	27.01	0.26	49.11	Backwater	0 - 00:01 hrs	8.39	8.58	1.82	1.00	-22.10	1.82	1.08	23.97	23.97	23.99	0.04	0.00	57
204	☐	1191	1.00	4.27	1.91	4.73	Backwater	0 - 00:03 hrs	6.60	7.63	1.11	1.00	-0.46	0.00	0.39	23.95	23.95	23.96	0.00	0.01	70
205	☐	1192	2.75	27.64	0.27	44.69	Backwater	0 - 00:01 hrs	8.37	9.52	1.62	1.00	-17.05	1.83	2.03	23.97	23.97	23.97	0.03	0.02	75
206	☐	1193	2.75	34.68	0.43	37.21	Backwater	0 - 00:02 hrs	6.92	8.78	1.07	1.00	-2.53	1.84	1.94	23.95	23.95	23.97	0.01	0.01	76
207	☐	1194	2.50	14.81	0.13	27.15	ceeds Capac	0 - 00:03 hrs	6.07	6.07	1.83	1.00	-12.33	1.85	1.84	23.94	23.94	23.95	0.71	0.65	62
208	☐	1195	1.75	9.22	0.45	13.08	ceeds Capac	0 - 09:52 hrs	5.44	5.44	1.42	1.00	-3.87	1.05	1.75	0.61	0.63	0.66	0.59	0.55	3
209	☐	1196	2.25	19.97	0.55	11.48	Backwater	0 - 10:18 hrs	2.89	4.83	0.58	1.00	8.48	1.05	2.25	0.60	0.60	0.78	0.00	0.00	6
210	☐	1197	2.25	13.24	0.24	12.36	Backwater	0 - 09:52 hrs	4.42	4.59	0.93	1.00	0.88	1.06	2.25	0.57	0.57	0.60	0.00	0.11	5
211	☐	1198	2.00	12.26	0.39	11.88	Backwater	0 - 10:03 hrs	3.78	3.78	0.97	1.00	0.38	0.09	2.00	0.80	0.81	0.82	0.00	0.03	5
212	☐	1199	2.00	16.04	0.50	9.86	Backwater	0 - 10:23 hrs	3.14	5.00	0.61	1.00	6.18	0.96	2.00	0.82	0.82	0.83	0.00	0.02	5
213	☐	12	2.00	16.00	0.50	25.20	Free Surface	0 - 10:15 hrs	8.17	8.17	1.58	0.95	-9.21	2.26	2.00	0.00	0.75	0.00	0.86	0.00	0
214	☐	120	4.50	214.91	1.19	249.89	ceeds Capac	0 - 10:02 hrs	15.71	18.07	1.16	1.00	-34.98	27.05	4.50	0.83	0.85	0.86	0.84	0.77	5
215	☐	1200	2.00	6.20	0.08	20.06	ceeds Capac	0 - 09:59 hrs	6.39	6.39	3.23	1.00	-13.86	0.92	2.00	0.13	0.31	0.13	0.72	0.13	0
216	☐	1201	3.50	110.35	1.20	20.56	Backwater	0 - 09:59 hrs	2.14	2.14	0.19	1.00	89.79	0.91	3.50	19.48	19.48	20.91	0.00	0.00	3
217	☐	1202	3.75	38.39	0.10	32.43	Free Surface	0 - 10:02 hrs	3.98	3.99	0.84	0.74	5.96	1.50	3.75	0.00	0.00	0.00	0.00	0.00	3
218	☐	1203	4.00	55.30	0.15	1.50	Free Surface	0 - 10:02 hrs	0.18	1.41	0.03	0.69	53.79	0.00	4.00	0.00	0.00	0.00	0.00	0.00	3
219	☐	1204	4.00	31.76	0.05	31.90	Free Surface	0 - 10:06 hrs	2.84	2.84	1.00	0.84	-0.15	1.49	4.00	0.00	0.00	0.00	0.01	0.00	4
220	☐	1205	3.50	48.54	0.23	33.62	Backwater	0 - 10:03 hrs	3.49	3.49	0.69	1.00	14.92	1.50	3.50	0.29	0.29	0.31	0.00	0.05	0
221	☐	1206	3.75	37.29	0.10	33.05	Free Surface	0 - 10:04 hrs	3.94	4.18	0.89	0.71	4.24	1.50	3.75	0.00	0.00	0.00	0.00	0.00	0
222	☐	1207	3.00	81.73	1.50	32.58	Backwater	0 - 10:03 hrs	4.61	4.61	0.40	1.00	49.15	1.50	3.00	0.39	0.39	0.52	0.00	0.00	5
223	☐	1208	2.50	23.19	0.32	36.41	Free Surface	0 - 09:59 hrs	7.77	7.77	1.57	0.91	-13.22	1.57	2.50	0.00	0.12	0.00	0.26	0.00	0
224	☐	1209	2.50	17.18	0.18	22.66	ceeds Capac	0 - 09:38 hrs	4.64	5.27	1.32	1.00	-5.48	4.69	2.50	1.96	1.98	1.96	2.59	1.10	16
225	☐	121	3.33	59.57	0.45	48.38	Backwater	0 - 00:00 hrs	5.76	5.85	0.81	1.00	11.18	2.14	1.98	0.01	0.01	24.00	0.00	0.01	2
226	☐	1210	2.50	24.19	0.35	21.40	Backwater	0 - 09:40 hrs	4.36	4.95	0.88	1.00	2.80	4.69	2.50	1.97	1.97	2.31	0.00	0.01	16
227	☐	1211	2.50	22.03	0.29	21.47	Backwater	0 - 09:40 hrs	4.37	4.51	0.97	1.00	0.56	4.69	2.50	2.31	2.31	2.38	0.00	0.70	19
228	☐	1212	2.50	18.92	0.21	21.56	ceeds Capac	0 - 09:40 hrs	4.39	4.68	1.14	1.00	-2.65	4.69	2.50	2.38	2.38	2.41	1.57	1.27	20
229	☐	1213	2.50	31.06	0.57	21.65	Backwater	0 - 09:40 hrs	4.41	4.41	0.70	1.00	9.41	4.68	2.50	2.58	2.58	2.79	0.00	0.06	21
230	☐	1214	2.50	11.69	0.08	21.71	ceeds Capac	0 - 09:40 hrs	4.42	4.42	1.86	1.00	-10.01	4.68	2.50	2.74	2.83	2.74	4.04	2.68	21
231	☐	1215	2.50	13.72	0.11	21.74	ceeds Capac	0 - 09:40 hrs	4.43	4.43	1.58	1.00	-8.02	4.68	2.50	2.62	2.74	2.62	3.42	2.58	20
232	☐	1216	2.50	17.29	0.18	21.77	ceeds Capac	0 - 09:40 hrs	4.44	4.44	1.26	1.00	-4.49	4.68	2.50	2.90	2.90	2.93	2.55	2.14	19
233	☐	1217	2.00	1.96	0.01	11.64	Backwater	0 - 09:52 hrs	3.70	3.70	5.93	1.00	-9.67	0.88	2.00	1.92	1.92	1.92	3.62	0.36	16
234	☐	1218	2.50	19.38	0.22	35.75	ceeds Capac	0 - 09:59 hrs	7.28	7.28	1.84	1.00	-16.37	5.92	2.50	2.75	2.80	2.75	2.96	2.73	15
235	☐	1219	2.25	56.33	3.31	17.64	Backwater	0 - 09:59 hrs	4.44	5.75	0.31	1.00	38.70	1.24	2.25	1.81	1.82	1.86	0.00	0.12	11
236	☐	1220	2.00	14.20	0.39	39.63	Backwater	0 - 00:00 hrs	12.62	12.62	2.79	1.00	-25.44	0.47	0.78	24.00	24.00	24.00	0.01	0.01	1
237	☐	1221	2.00	18.25	0.65	22.63	Backwater	0 - 00:00 hrs	7.48	7.48	1.24	1.00	-4.38	0.47	0.78	0.48	0.48	23.99	0.00	0.00	1
238	☐	1222	2.00	21.05	0.87	11.89	Backwater	0 - 09:59 hrs	3.79	3.79	0.57	1.00	9.16	0.48	1.92	0.20	0.20	4.06	0.00	0.00	4
239	☐	1224	3.00	43.00	0.42	36.48	Free Surface	0 - 10:00 hrs	5.31	5.31	0.85	0.94	6.52	1.56	2.52	0.00	0.00	24.00	0.00	0.00	0
240	☐	1225	2.50	55.84	1.85	36.38	Free Surface	0 - 09:59 hrs	8.90	8.98	0.65	0.78	19.45	1.57	2.50	0.00	0.00	0.00	0.00	0.00	0
241	☐	1226	2.50	28.47	0.48	17.46	Backwater	0 - 09:59 hrs	3.56	4.53	0.61	1.00	11.01	0.80	2.50	0.08	0.08	0.19	0.00	0.00	0
242	☐	1227	2.50	30.66	0.56	32.83	ceeds Capac	0 - 09:59 hrs	6.69	6.69	1.07	1.00	-2.16	1.49	2.50	0.20	0.20	0.35	0.10	0.08	0
243	☐	1228	3.00	37.44	0.32	32.81	Backwater	0 - 09:59 hrs	4.64	4.64	0.88	1.00	4.62	1.48	3.00	0.21	0.21	0.40	0.00	0.00	2
244	☐	1229	4.00	244.39	2.89	73.73	Backwater	0 - 10:03 hrs	5.87	5.87	0.30	1.00	170.66	3.73	4.00	0.40	0.40	20.07	0.00	0.00	4
245	☐	1230	3.50	19.10	0.04	46.70	ceeds Capac	0 - 09:59 hrs	4.85	4.85	2.45	1.00	-27.60	2.75	3.50	19.86	19.86	19.88	0.86	7.17	73

FUTURE CONDITIONS 5-YR 24-HR CONDUITS

		ID	Full Depth (ft)	Full Flow (cfs)	Percent Slope (%)	Maximum Flow (cfs)	Maximum Flow Class	Max.Flow Day-Time (day-time)	Velocity at Maximum Flow (ft/s)	Maximum Velocity (ft/s)	Max.Flow/Fu ll Flow	Max.Depth/F ull Depth	Reserve Capacity (cfs)	Total Flow Volume (MG)	Maximum Top Width (ft)	Both End Surcharge Time (hrs)	Upstream Surcharge Time (hrs)	Downstream Surcharge Time (hrs)	Above Full-Flow Time (hrs)	Capacity Limited Time (hrs)	Instability Index
246	☐	1231	3.00	7.85	0.01	16.40	ceeds Capac	0 - 10:06 hrs	2.32	2.32	2.09	1.00	-8.55	0.83	3.00	19.90	19.90	19.91	0.52	5.87	74
247	☐	1232	3.25	36.17	0.19	31.04	Backwater	0 - 09:59 hrs	3.74	3.74	0.86	1.00	5.12	1.94	3.25	19.48	19.48	19.90	0.00	0.00	47
248	☐	1234	2.00	13.29	0.35	20.51	ceeds Capac	0 - 10:12 hrs	6.53	6.53	1.54	1.00	-7.23	1.49	2.00	0.65	0.65	0.72	0.59	0.57	2
249	☐	1235	2.50	17.21	0.18	20.52	ceeds Capac	0 - 10:12 hrs	4.18	4.18	1.19	1.00	-3.30	1.48	2.50	0.55	0.55	0.60	0.41	0.32	3
250	☐	1236	3.50	73.09	0.53	79.73	Backwater	0 - 00:00 hrs	8.30	8.30	1.09	1.00	-6.64	4.25	1.37	23.99	23.99	24.00	0.01	0.00	52
251	☐	1237	2.00	10.93	0.23	13.23	ceeds Capac	0 - 09:49 hrs	4.24	4.32	1.21	1.00	-2.30	1.90	2.00	1.99	1.99	2.40	0.06	0.02	9
252	☐	1238	2.00	10.01	0.20	11.62	ceeds Capac	0 - 09:52 hrs	3.70	3.70	1.16	1.00	-1.61	0.88	2.00	1.85	1.85	2.19	0.19	0.19	8
253	☐	1239	2.00	7.22	0.10	14.00	ceeds Capac	0 - 09:37 hrs	4.46	4.46	1.94	1.00	-6.78	2.33	2.00	3.16	3.21	3.16	3.32	1.98	20
254	☐	1240	2.00	7.44	0.11	16.16	ceeds Capac	0 - 09:59 hrs	5.14	5.14	2.17	1.00	-8.72	2.93	2.00	3.06	3.08	3.07	3.91	2.51	25
255	☐	1241	1.50	2.64	0.08	3.62	Backwater	0 - 10:22 hrs	2.05	2.05	1.37	1.00	-0.98	0.37	1.50	3.07	3.07	3.09	0.81	1.16	30
256	☐	1242	2.50	18.44	0.20	25.72	ceeds Capac	0 - 10:03 hrs	5.24	5.24	1.39	1.00	-7.27	4.75	2.50	2.13	2.14	2.18	2.22	1.90	12
257	☐	1244	2.00	7.13	0.10	13.98	ceeds Capac	0 - 09:37 hrs	4.45	4.45	1.96	1.00	-6.85	2.33	2.00	2.63	3.16	2.63	3.35	1.60	7
258	☐	1245	2.00	7.24	0.10	14.00	ceeds Capac	0 - 09:37 hrs	4.45	4.45	1.93	1.00	-6.75	2.33	2.00	2.59	2.63	2.59	3.32	1.47	13
259	☐	1246	2.50	11.78	0.08	22.84	ceeds Capac	0 - 09:38 hrs	4.70	4.70	1.94	1.00	-11.06	4.69	2.50	1.94	2.22	1.94	4.01	1.94	12
260	☐	1247	2.50	18.24	0.20	25.71	ceeds Capac	0 - 10:03 hrs	5.24	5.24	1.41	1.00	-7.47	4.75	2.50	2.18	2.18	2.22	2.29	2.01	11
261	☐	1248	2.00	7.14	0.10	16.16	ceeds Capac	0 - 09:59 hrs	5.14	5.14	2.26	1.00	-9.02	2.93	2.00	3.21	3.25	3.21	3.95	3.17	24
262	☐	1249	2.00	10.41	0.21	16.16	ceeds Capac	0 - 09:59 hrs	5.14	5.14	1.55	1.00	-5.75	2.93	2.00	3.07	3.07	3.18	2.33	2.35	23
263	☐	125	4.00	147.75	1.06	73.27	Free Surface	0 - 00:01 hrs	8.20	8.29	0.50	0.87	74.49	2.27	3.52	0.00	0.00	23.98	0.00	0.00	42
264	☐	1250	2.00	7.99	0.12	9.60	ceeds Capac	0 - 11:06 hrs	3.06	3.06	1.20	1.00	-1.61	1.81	2.00	2.91	2.91	2.99	0.93	1.00	16
265	☐	1251	2.00	10.75	0.23	8.37	Backwater	0 - 10:04 hrs	2.67	2.72	0.78	1.00	2.37	1.48	2.00	2.39	2.39	2.74	0.00	0.00	8
266	☐	1252	2.00	10.15	0.20	8.78	Backwater	0 - 10:27 hrs	2.80	2.90	0.87	1.00	1.37	0.95	2.00	3.08	3.08	3.83	0.00	0.00	15
267	☐	1253	2.00	12.35	0.30	12.40	ceeds Capac	0 - 10:25 hrs	3.95	3.95	1.00	1.00	-0.05	1.39	0.99	23.90	23.90	23.90	0.59	0.79	67
268	☐	1254	2.00	12.39	0.30	10.45	Backwater	0 - 00:05 hrs	4.33	4.52	0.84	1.00	1.94	1.27	1.92	23.90	23.90	23.90	0.00	1.57	75
269	☐	1255	2.00	12.35	0.30	17.14	Backwater	0 - 00:02 hrs	6.77	7.64	1.39	1.00	-4.79	1.23	1.76	23.96	23.96	23.96	0.03	0.25	69
270	☐	1256	2.00	12.34	0.30	21.22	Backwater	0 - 00:01 hrs	7.06	7.06	1.72	1.00	-8.88	1.21	2.00	23.98	23.98	23.98	0.04	0.01	64
271	☐	1257	2.00	12.44	0.30	32.24	Backwater	0 - 00:00 hrs	10.35	10.35	2.59	1.00	-19.81	1.20	0.78	23.99	23.99	23.99	0.05	0.02	61
272	☐	1258	2.00	12.39	0.30	22.78	Backwater	0 - 00:01 hrs	7.51	7.51	1.84	1.00	-10.39	1.20	0.78	23.98	23.98	23.99	0.04	0.00	60
273	☐	1259	2.00	18.21	0.65	17.77	Backwater	0 - 00:01 hrs	6.07	6.07	0.98	1.00	0.44	1.23	1.03	23.96	23.96	23.98	0.00	0.00	64
274	☐	126	4.00	57.15	0.16	47.62	Free Surface	0 - 10:07 hrs	6.13	6.14	0.83	0.61	9.53	2.29	4.00	0.00	0.00	0.00	0.00	0.00	2
275	☐	1260	2.00	12.39	0.30	15.01	Backwater	0 - 00:02 hrs	5.21	5.22	1.21	1.00	-2.61	1.24	1.78	23.95	23.95	23.96	0.02	0.12	69
276	☐	1261	2.00	12.44	0.30	13.45	Backwater	0 - 00:03 hrs	4.77	4.81	1.08	1.00	-1.01	1.24	1.19	23.93	23.93	23.95	0.01	0.01	68
277	☐	1262	2.00	11.64	0.26	15.34	Backwater	0 - 00:03 hrs	6.02	6.10	1.32	1.00	-3.71	1.24	1.93	23.92	23.93	23.93	0.02	6.27	69
278	☐	1263	2.00	12.43	0.30	11.11	Backwater	0 - 00:04 hrs	3.89	3.92	0.89	1.00	1.32	1.25	1.99	23.90	23.90	23.93	0.00	0.00	60
279	☐	1264	2.00	12.17	0.29	10.31	Backwater	0 - 00:06 hrs	3.65	4.15	0.85	1.00	1.86	1.27	1.86	23.90	23.90	23.90	0.00	0.75	71
280	☐	1265	2.00	11.23	0.25	9.86	Backwater	0 - 10:23 hrs	3.14	3.74	0.88	1.00	1.37	0.96	2.00	0.86	0.86	0.89	0.00	0.05	5
281	☐	1266	2.00	11.88	0.28	9.85	Backwater	0 - 10:23 hrs	3.14	3.14	0.83	1.00	2.02	0.96	2.00	0.90	0.90	0.93	0.00	0.01	4
282	☐	1267	2.00	6.81	0.09	12.32	ceeds Capac	0 - 10:03 hrs	3.92	3.92	1.81	1.00	-5.51	0.59	2.00	0.31	0.31	0.31	0.37	0.31	0
283	☐	1268	1.50	3.74	0.17	3.60	Backwater	0 - 10:22 hrs	2.03	2.03	0.96	1.00	0.15	0.37	1.50	3.07	3.07	3.59	0.00	0.06	15
284	☐	1269	1.50	6.86	0.57	1.95	Backwater	0 - 09:44 hrs	1.10	1.87	0.28	1.00	4.91	0.01	1.50	17.42	17.42	20.04	0.00	0.00	6
285	☐	127	4.00	36.90	0.07	47.55	Free Surface	0 - 10:07 hrs	5.03	5.03	1.29	0.70	-10.65	2.30	4.00	0.00	0.00	0.00	0.24	0.00	1
286	☐	1270	2.75	19.66	0.14	16.36	Backwater	0 - 10:02 hrs	2.75	2.75	0.83	1.00	3.30	1.65	2.75	15.20	15.20	16.48	0.00	0.00	47
287	☐	1271	2.75	30.79	0.34	16.36	Backwater	0 - 10:02 hrs	2.75	2.75	0.53	1.00	14.43	1.68	2.75	14.15	14.15	15.20	0.00	0.00	51
288	☐	1272	4.50	51.24	0.07	108.97	ceeds Capac	0 - 00:02 hrs	7.62	7.62	2.13	1.00	-57.73	5.97	4.32	23.92	23.92	23.95	0.60	0.56	62
289	☐	1273	2.00	11.34	0.25	12.77	ceeds Capac	0 - 10:04 hrs	4.07	4.07	1.13	1.00	-1.43	1.03	2.00	0.84	0.84	0.95	0.44	0.44	2
290	☐	1274	2.00	11.11	0.24	12.25	ceeds Capac	0 - 10:10 hrs	3.90	3.90	1.10	1.00	-1.14	1.02	2.00	1.04	1.04	1.79	0.45	0.46	4
291	☐	1275	2.00	14.59	0.42	12.27	Backwater	0 - 10:11 hrs	3.90	3.90	0.84	1.00	2.32	1.02	2.00	1.71	1.71	2.08	0.00	0.00	11
292	☐	1276	2.00	12.24	0.29	12.26	ceeds Capac	0 - 10:07 hrs	3.90	3.90	1.00	1.00	-0.02	1.02	2.00	2.06	2.06	2.37	0.38	0.05	12
293	☐	1277	2.00	12.05	0.28	9.05	Backwater	0 - 10:11 hrs	2.88	3.39	0.75	1.00	3.00	0.98	2.00	2.34	2.34	2.78	0.00	0.00	20
294	☐	1278	2.00	11.30	0.25	9.05	Backwater	0 - 09:53 hrs	2.88	2.88	0.80	1.00	2.25	0.98	2.00	2.84	2.84	3.11	0.00	0.00	21

FUTURE CONDITIONS 5-YR 24-HR CONDUITS

		ID	Full Depth (ft)	Full Flow (cfs)	Percent Slope (%)	Maximum Flow (cfs)	Maximum Flow Class	Max.Flow Day-Time (day-time)	Velocity at Maximum Flow (ft/s)	Maximum Velocity (ft/s)	Max.Flow/Fu ll Flow	Max.Depth/F ull Depth	Reserve Capacity (cfs)	Total Flow Volume (MG)	Maximum Top Width (ft)	Both End Surcharge Time (hrs)	Upstream Surcharge Time (hrs)	Downstream Surcharge Time (hrs)	Above Full-Flow Time (hrs)	Capacity Limited Time (hrs)	Instability Index
295	☐	1279	2.50	21.21	0.27	21.49	ceeds Capac	0 - 10:08 hrs	4.38	4.38	1.01	1.00	-0.28	1.88	2.50	3.72	3.72	4.12	0.23	0.26	22
296	☐	128	3.50	79.10	0.62	43.44	Backwater	0 - 10:08 hrs	4.51	4.51	0.55	1.00	35.67	2.84	3.50	0.48	0.48	0.52	0.00	0.04	2
297	☐	1280	2.00	10.70	0.22	11.22	ceeds Capac	0 - 09:30 hrs	3.57	3.57	1.05	1.00	-0.52	3.04	2.00	12.36	12.36	15.33	0.26	0.31	17
298	☐	1281	2.00	10.66	0.22	15.40	ceeds Capac	0 - 10:59 hrs	4.90	4.90	1.44	1.00	-4.73	3.34	2.00	5.36	5.36	12.36	3.01	3.02	15
299	☐	1282	3.50	35.35	0.35	20.54	Backwater	0 - 10:03 hrs	2.13	2.13	0.58	1.00	14.81	0.99	3.50	6.72	6.72	14.90	0.00	0.00	56
300	☐	1284	3.50	46.93	0.22	29.63	Backwater	0 - 11:30 hrs	3.08	3.08	0.63	1.00	17.30	9.38	3.50	18.71	18.71	19.29	0.00	0.00	19
301	☐	1285	3.50	174.31	3.00	40.41	Backwater	0 - 10:03 hrs	4.20	4.20	0.23	1.00	133.90	11.79	3.50	20.63	20.63	20.75	0.00	0.00	71
302	☐	1286	3.50	23.17	0.05	40.40	Backwater	0 - 10:03 hrs	4.20	4.20	1.74	1.00	-17.23	11.85	3.50	19.67	19.67	20.05	11.86	0.00	49
303	☐	1287	3.50	22.47	0.05	36.88	Backwater	0 - 12:48 hrs	3.83	3.83	1.64	1.00	-14.41	11.06	3.50	20.05	20.05	20.33	11.77	0.00	57
304	☐	1288	3.50	47.81	0.23	43.61	Backwater	0 - 12:30 hrs	4.53	4.53	0.91	1.00	4.20	12.82	3.50	20.03	20.03	20.33	0.00	0.46	72
305	☐	1289	3.50	186.41	3.43	43.59	Backwater	0 - 12:30 hrs	4.53	4.53	0.23	1.00	142.82	12.83	3.50	19.93	19.95	20.03	0.00	0.44	63
306	☐	129	3.50	81.58	0.66	101.02	ceeds Capac	0 - 10:07 hrs	10.50	10.50	1.24	1.00	-19.44	6.92	3.50	0.18	0.26	0.18	0.40	0.18	0
307	☐	1290	4.00	95.77	0.44	54.08	Backwater	0 - 09:56 hrs	4.30	4.30	0.56	1.00	41.68	5.88	4.00	15.13	15.17	15.26	0.00	0.13	63
308	☐	1291	4.00	141.86	0.98	54.07	Backwater	0 - 09:56 hrs	4.30	4.69	0.38	1.00	87.79	5.87	4.00	14.48	14.48	15.17	0.00	0.00	61
309	☐	1292	1.75	8.19	0.36	0.89	Backwater	0 - 09:47 hrs	0.38	0.38	0.11	1.00	7.29	0.00	1.75	14.17	14.17	14.36	0.00	0.00	57
310	☐	1293	4.00	66.23	0.21	54.08	Backwater	0 - 09:56 hrs	4.30	4.30	0.82	1.00	12.14	5.91	4.00	14.21	14.21	14.48	0.00	0.00	54
311	☐	1294	3.50	17.51	0.03	42.95	Backwater	0 - 09:56 hrs	4.46	4.46	2.45	1.00	-25.44	5.40	3.50	9.68	9.68	10.23	2.79	0.13	43
312	☐	1295	3.50	42.44	0.18	42.96	ceeds Capac	0 - 09:56 hrs	4.46	4.46	1.01	1.00	-0.51	5.43	3.50	6.03	6.03	10.23	0.01	0.04	37
313	☐	1296	3.50	56.14	0.31	33.97	Backwater	0 - 10:03 hrs	3.53	3.75	0.61	1.00	22.18	4.55	3.50	5.32	5.32	6.03	0.00	0.20	37
314	☐	1297	3.50	12.05	0.01	33.96	ceeds Capac	0 - 10:03 hrs	3.53	3.57	2.82	1.00	-21.91	4.56	3.50	5.19	5.19	5.32	3.64	3.05	33
315	☐	1298	2.00	14.92	0.43	13.76	Backwater	0 - 09:48 hrs	4.62	4.71	0.92	1.00	1.16	1.91	2.00	1.79	1.79	1.99	0.00	0.00	21
316	☐	1299	1.25	2.64	0.22	3.08	Backwater	0 - 09:56 hrs	2.51	2.51	1.17	1.00	-0.44	0.04	1.25	8.81	8.81	12.20	0.33	0.00	38
317	☐	13	2.50	29.00	0.50	25.20	Free Surface	0 - 10:15 hrs	5.72	6.03	0.87	0.84	3.80	2.26	2.50	0.00	0.00	0.00	0.00	0.00	0
318	☐	130	3.50	50.52	0.25	95.49	ceeds Capac	0 - 10:04 hrs	9.92	9.92	1.89	1.00	-44.97	6.27	3.50	0.26	0.52	0.26	0.72	0.26	1
319	☐	1300	1.75	4.95	0.13	6.01	ceeds Capac	0 - 10:45 hrs	2.58	3.20	1.21	1.00	-1.06	0.81	1.75	0.77	0.79	0.78	0.90	0.54	4
320	☐	1301	2.00	9.46	0.17	6.24	Backwater	0 - 10:45 hrs	2.04	2.48	0.66	1.00	3.22	0.81	2.00	0.74	0.74	0.88	0.00	0.01	5
321	☐	1302	2.25	14.75	0.23	19.92	ceeds Capac	0 - 09:56 hrs	5.12	5.15	1.35	1.00	-5.17	1.78	2.25	0.79	0.79	0.88	0.49	0.44	2
322	☐	1303	2.25	20.37	0.43	17.38	Backwater	0 - 10:14 hrs	4.37	5.74	0.85	1.00	2.99	1.78	2.25	1.02	1.02	1.55	0.00	0.00	6
323	☐	1304	2.75	45.08	0.73	23.21	Backwater	0 - 10:03 hrs	3.91	3.91	0.51	1.00	21.86	2.24	2.75	6.35	6.35	8.11	0.00	0.00	38
324	☐	1305	2.00	11.98	0.28	16.59	ceeds Capac	0 - 09:52 hrs	5.28	5.28	1.38	1.00	-4.61	2.33	2.00	2.59	2.60	9.87	0.90	0.82	8
325	☐	1306	2.00	12.53	0.31	22.21	ceeds Capac	0 - 10:04 hrs	7.07	7.07	1.77	1.00	-9.68	2.10	2.00	1.66	1.66	1.79	1.06	1.00	8
326	☐	1307	1.25	2.43	0.19	2.21	Backwater	0 - 10:26 hrs	1.80	1.80	0.91	1.00	0.23	0.21	1.25	1.68	1.68	2.06	0.00	0.01	4
327	☐	1308	1.25	2.56	0.21	2.25	Backwater	0 - 10:04 hrs	1.84	2.27	0.88	1.00	0.31	0.23	1.25	1.61	1.61	1.65	0.00	0.15	7
328	☐	1309	1.25	2.84	0.26	2.82	Backwater	0 - 09:53 hrs	2.30	2.30	0.99	1.00	0.02	0.24	1.25	1.51	1.51	1.67	0.00	0.00	11
329	☐	131	2.00	4.60	0.12	8.81	ceeds Capac	0 - 16:52 hrs	2.81	2.81	1.92	1.00	-4.22	4.65	2.00	22.63	22.65	22.63	21.78	21.73	77
330	☐	1310	1.00	0.87	0.08	2.84	Backwater	0 - 09:53 hrs	3.61	3.61	3.26	1.00	-1.97	0.24	1.00	1.53	1.53	1.55	1.90	0.15	14
331	☐	1311	3.25	41.10	0.25	57.84	ceeds Capac	0 - 00:00 hrs	7.13	7.13	1.41	1.00	-16.74	3.02	1.27	23.98	23.98	23.99	0.12	0.15	69
332	☐	1312	3.25	50.49	0.37	43.95	Backwater	0 - 00:02 hrs	5.49	5.99	0.87	1.00	6.54	3.04	3.25	23.95	23.95	23.98	0.00	0.00	64
333	☐	1313	2.00	16.48	0.53	14.88	Backwater	0 - 10:15 hrs	4.74	4.74	0.90	1.00	1.60	1.25	1.97	1.04	1.04	23.97	0.00	0.00	59
334	☐	1314	2.00	11.47	0.26	14.88	ceeds Capac	0 - 10:15 hrs	4.74	4.74	1.30	1.00	-3.41	1.25	2.00	0.68	0.68	0.73	0.59	0.56	5
335	☐	1315	2.00	10.39	0.21	14.89	ceeds Capac	0 - 10:17 hrs	4.74	5.20	1.43	1.00	-4.50	1.25	2.00	0.52	0.53	0.52	0.64	0.47	3
336	☐	1316	2.00	16.71	0.55	15.52	Backwater	0 - 09:53 hrs	5.35	5.53	0.93	1.00	1.19	1.25	2.00	0.47	0.47	0.51	0.00	0.01	3
337	☐	1317	2.00	13.47	0.35	20.34	ceeds Capac	0 - 10:04 hrs	6.47	6.47	1.51	1.00	-6.87	1.30	2.00	0.45	0.45	0.46	0.44	0.41	1
338	☐	1318	2.00	13.92	0.38	14.88	ceeds Capac	0 - 10:15 hrs	4.74	4.74	1.07	1.00	-0.96	1.25	2.00	0.83	0.83	1.08	0.39	0.31	8
339	☐	1319	3.00	32.06	0.23	42.43	ceeds Capac	0 - 09:59 hrs	6.00	6.00	1.32	1.00	-10.36	3.06	2.86	23.93	23.93	23.96	0.45	0.44	60
340	☐	132	2.00	19.59	0.75	29.40	ceeds Capac	0 - 09:56 hrs	9.36	9.36	1.50	1.00	-9.81	1.61	2.00	0.48	0.48	0.56	0.21	0.22	1
341	☐	1320	3.00	36.83	0.30	14.40	Backwater	0 - 10:18 hrs	2.04	2.63	0.39	1.00	22.43	1.15	2.99	0.65	0.65	23.93	0.00	0.00	35
342	☐	1321	1.50	9.09	1.00	9.76	ceeds Capac	0 - 09:53 hrs	5.52	5.63	1.07	1.00	-0.67	0.77	1.50	0.81	0.81	9.06	0.04	0.04	3
343	☐	1322	2.25	17.94	0.34	9.76	Backwater	0 - 09:53 hrs	2.46	2.66	0.54	1.00	8.18	0.77	2.25	8.13	8.13	14.28	0.00	0.00	43

FUTURE CONDITIONS 5-YR 24-HR CONDUITS

		ID	Full Depth (ft)	Full Flow (cfs)	Percent Slope (%)	Maximum Flow (cfs)	Maximum Flow Class	Max.Flow Day-Time (day-time)	Velocity at Maximum Flow (ft/s)	Maximum Velocity (ft/s)	Max.Flow/Fu ll Flow	Max.Depth/F ull Depth	Reserve Capacity (cfs)	Total Flow Volume (MG)	Maximum Top Width (ft)	Both End Surcharge Time (hrs)	Upstream Surcharge Time (hrs)	Downstream Surcharge Time (hrs)	Above Full-Flow Time (hrs)	Capacity Limited Time (hrs)	Instability Index
344	☐	1323	2.25	19.78	0.41	17.19	Backwater	0 - 09:56 hrs	4.32	4.32	0.87	1.00	2.59	1.15	2.25	14.28	14.28	14.63	0.00	0.00	50
345	☐	1324	2.25	21.90	0.50	17.19	Backwater	0 - 09:56 hrs	4.32	4.32	0.78	1.00	4.71	1.14	2.25	14.63	14.63	15.69	0.00	0.00	51
346	☐	1326	2.00	10.08	0.20	15.29	ceeds Capac	0 - 09:55 hrs	4.87	4.87	1.52	1.00	-5.21	1.11	2.00	15.25	15.25	15.37	0.14	0.89	57
347	☐	1327	2.25	8.11	0.07	15.29	ceeds Capac	0 - 09:55 hrs	3.85	3.85	1.89	1.00	-7.19	1.10	2.25	15.35	15.35	15.52	0.86	1.04	49
348	☐	1328	2.25	10.37	0.11	15.27	ceeds Capac	0 - 09:55 hrs	3.84	3.84	1.47	1.00	-4.90	1.09	2.25	15.59	15.59	15.87	0.12	0.35	51
349	☐	1329	2.25	3.55	0.01	15.27	ceeds Capac	0 - 09:55 hrs	3.84	3.84	4.30	1.00	-11.72	0.06	2.25	15.87	15.87	15.87	3.57	5.63	42
350	☐	133	2.00	19.68	0.76	19.85	ceeds Capac	0 - 09:56 hrs	6.32	6.32	1.01	1.00	-0.18	1.17	2.00	0.46	0.46	0.48	0.00	0.01	1
351	☐	1330	2.25	15.46	0.25	23.69	Backwater	0 - 10:03 hrs	5.96	5.96	1.53	1.00	-8.23	0.53	2.25	15.88	15.88	16.20	1.29	0.03	55
352	☐	1331	2.75	11.26	0.05	17.82	ceeds Capac	0 - 10:02 hrs	3.00	3.00	1.58	1.00	-6.56	1.83	2.75	13.10	13.10	14.11	1.40	1.45	49
353	☐	1332	6.00	82.28	0.04	167.91	ceeds Capac	0 - 10:03 hrs	5.94	5.94	2.04	1.00	-85.63	21.38	6.00	13.81	13.81	14.13	2.15	2.26	43
354	☐	1333	2.00	7.74	0.12	13.66	ceeds Capac	0 - 09:52 hrs	4.35	4.35	1.77	1.00	-5.92	0.15	2.00	14.63	14.63	14.66	2.46	0.29	57
355	☐	1334	2.00	2.61	0.01	13.62	ceeds Capac	0 - 09:52 hrs	4.34	4.34	5.23	1.00	-11.02	1.14	2.00	14.38	14.40	14.38	4.03	4.38	35
356	☐	1335	2.00	33.97	2.25	13.63	Backwater	0 - 09:52 hrs	4.34	4.34	0.40	1.00	20.33	1.11	2.00	14.38	14.38	14.63	0.00	0.00	43
357	☐	1336	3.50	33.99	0.11	38.58	Backwater	0 - 09:56 hrs	4.16	4.27	1.14	1.00	-4.59	1.89	3.50	1.77	1.77	3.48	0.02	0.00	11
358	☐	1337	3.00	29.83	0.20	13.63	Backwater	0 - 09:52 hrs	1.93	1.93	0.46	1.00	16.20	1.17	3.00	15.58	15.58	20.50	0.00	0.00	56
359	☐	1338	3.00	18.98	0.08	9.49	Backwater	0 - 09:51 hrs	1.34	1.34	0.50	1.00	9.49	0.80	3.00	15.43	15.43	16.63	0.00	0.32	66
360	☐	1339	2.25	12.40	0.16	11.26	Backwater	0 - 09:59 hrs	2.83	2.83	0.91	1.00	1.14	0.48	2.25	16.84	16.84	20.13	0.00	0.05	71
361	☐	134	2.00	19.76	0.76	20.31	ceeds Capac	0 - 10:03 hrs	6.47	6.97	1.03	1.00	-0.55	1.18	2.00	0.41	0.41	0.46	0.21	0.21	1
362	☐	1340	4.50	78.27	0.16	74.10	Backwater	0 - 09:55 hrs	5.10	6.26	0.95	1.00	4.18	12.73	4.50	2.18	2.18	2.47	0.00	0.02	11
363	☐	1341	2.75	9.21	0.03	23.49	Backwater	0 - 10:14 hrs	3.96	3.96	2.55	1.00	-14.28	1.58	2.75	1.25	1.25	1.27	1.46	0.09	11
364	☐	1342	2.75	18.01	0.12	23.43	ceeds Capac	0 - 10:14 hrs	3.95	4.31	1.30	1.00	-5.42	1.57	2.75	1.25	1.25	1.31	0.54	0.61	8
365	☐	1343	2.75	33.38	0.40	23.46	Backwater	0 - 10:14 hrs	3.95	5.06	0.70	1.00	9.93	1.58	2.75	1.31	1.31	1.45	0.00	0.00	10
366	☐	1344	2.75	29.23	0.31	23.43	Backwater	0 - 10:14 hrs	3.94	3.94	0.80	1.00	5.80	1.58	2.75	1.45	1.45	1.84	0.00	0.00	9
367	☐	1345	2.00	8.42	0.14	23.17	ceeds Capac	0 - 09:59 hrs	7.39	7.54	2.75	1.00	-14.76	1.18	2.00	1.09	1.16	1.11	0.83	0.68	6
368	☐	1347	2.00	12.88	0.32	22.99	ceeds Capac	0 - 09:59 hrs	7.32	7.32	1.78	1.00	-10.10	1.18	2.00	0.98	0.99	1.08	0.32	0.29	5
369	☐	1348	2.00	9.93	0.19	22.96	ceeds Capac	0 - 09:59 hrs	7.31	7.31	2.31	1.00	-13.03	1.18	2.00	1.12	1.12	1.12	0.63	0.57	7
370	☐	1349	3.50	37.54	0.14	29.44	Backwater	0 - 10:04 hrs	3.06	3.06	0.78	1.00	8.10	1.38	3.50	3.48	3.48	4.36	0.00	0.04	24
371	☐	135	4.50	75.08	0.15	103.14	ceeds Capac	0 - 10:22 hrs	6.49	6.49	1.37	1.00	-28.06	12.03	4.50	1.88	1.88	2.09	0.81	0.83	10
372	☐	1350	3.50	41.60	0.17	28.38	Backwater	0 - 09:56 hrs	2.95	2.95	0.68	1.00	13.22	2.04	3.50	6.26	6.26	10.12	0.00	0.00	26
373	☐	1351	5.50	66.34	0.04	124.13	ceeds Capac	0 - 10:03 hrs	5.22	5.22	1.87	1.00	-57.79	10.45	5.50	13.38	13.38	14.03	1.08	1.15	49
374	☐	1352	4.50	89.94	0.21	83.39	Backwater	0 - 10:15 hrs	5.24	6.87	0.93	1.00	6.55	8.60	4.50	1.26	1.26	1.86	0.00	0.00	6
375	☐	1353	1.50	3.44	0.14	7.32	ceeds Capac	0 - 10:03 hrs	4.14	4.14	2.13	1.00	-3.88	0.01	1.50	2.60	2.60	2.66	1.15	0.09	23
376	☐	1354	4.50	84.25	0.18	121.33	ceeds Capac	0 - 10:03 hrs	7.63	7.63	1.44	1.00	-37.08	13.55	4.50	2.09	2.09	2.18	0.78	0.88	15
377	☐	1356	4.50	62.68	0.10	68.74	ceeds Capac	0 - 09:57 hrs	4.52	4.52	1.10	1.00	-6.05	7.78	4.50	1.46	1.46	1.64	0.09	0.06	6
378	☐	1357	4.00	39.83	0.08	78.37	ceeds Capac	0 - 09:56 hrs	6.24	6.24	1.97	1.00	-38.55	7.29	4.00	1.53	1.56	1.55	1.51	1.29	8
379	☐	1358	1.75	6.77	0.24	14.20	ceeds Capac	0 - 09:56 hrs	5.91	5.91	2.10	1.00	-7.43	1.44	1.75	1.25	1.50	1.25	1.79	1.25	5
380	☐	1359	1.00	1.18	0.14	2.88	ceeds Capac	0 - 09:56 hrs	3.66	3.66	2.45	1.00	-1.70	0.59	1.00	1.90	3.46	1.90	5.00	1.90	4
381	☐	136	4.50	73.65	0.14	85.57	ceeds Capac	0 - 09:59 hrs	5.38	5.38	1.16	1.00	-11.92	8.86	4.50	1.64	1.64	1.88	0.20	0.20	7
382	☐	1361	2.50	14.57	0.13	33.97	ceeds Capac	0 - 09:56 hrs	6.92	6.92	2.33	1.00	-19.40	2.86	2.50	1.88	1.88	2.12	1.49	1.48	6
383	☐	1362	2.50	26.49	0.42	16.04	Backwater	0 - 09:52 hrs	3.90	3.90	0.61	1.00	10.45	1.83	2.50	1.13	1.13	1.71	0.00	0.00	4
384	☐	1363	2.00	11.92	0.28	10.62	Backwater	0 - 09:55 hrs	3.64	4.05	0.89	1.00	1.29	0.78	2.00	0.79	0.79	1.16	0.00	0.00	1
385	☐	1364	2.25	21.00	0.46	12.50	Backwater	0 - 09:59 hrs	3.14	4.43	0.60	1.00	8.50	0.55	2.25	0.87	0.87	1.04	0.00	0.00	9
386	☐	1367	1.50	4.11	0.20	8.49	ceeds Capac	0 - 09:48 hrs	4.80	4.80	2.07	1.00	-4.38	1.00	1.50	1.26	1.38	1.26	1.58	0.99	2
387	☐	1368	2.00	10.39	0.21	11.82	ceeds Capac	0 - 09:56 hrs	3.76	3.76	1.14	1.00	-1.43	0.81	2.00	1.29	1.29	1.39	0.25	0.23	7
388	☐	1369	2.00	11.27	0.25	11.87	ceeds Capac	0 - 09:56 hrs	3.78	4.07	1.05	1.00	-0.60	0.81	2.00	1.17	1.17	1.29	0.17	0.10	7
389	☐	137	3.50	24.89	0.06	26.59	Backwater	0 - 09:56 hrs	2.76	4.15	1.07	1.00	-1.70	1.87	3.50	2.86	2.87	2.88	0.00	0.72	16
390	☐	1370	2.00	10.12	0.20	5.27	Backwater	0 - 09:56 hrs	2.24	2.61	0.52	1.00	4.85	0.30	2.00	0.99	0.99	1.11	0.00	0.00	8
391	☐	1371	2.00	18.29	0.65	13.27	Backwater	0 - 09:56 hrs	4.57	4.96	0.73	1.00	5.02	0.81	2.00	1.11	1.11	1.17	0.00	0.03	9
392	☐	1372	1.25	3.95	0.50	6.15	ceeds Capac	0 - 09:56 hrs	5.05	5.06	1.56	1.00	-2.20	0.30	1.25	0.82	0.86	1.18	0.06	0.00	5

FUTURE CONDITIONS 5-YR 24-HR CONDUITS

		ID	Full Depth (ft)	Full Flow (cfs)	Percent Slope (%)	Maximum Flow (cfs)	Maximum Flow Class	Max.Flow Day-Time (day-time)	Velocity at Maximum Flow (ft/s)	Maximum Velocity (ft/s)	Max.Flow/Fu ll Flow	Max.Depth/F ull Depth	Reserve Capacity (cfs)	Total Flow Volume (MG)	Maximum Top Width (ft)	Both End Surcharge Time (hrs)	Upstream Surcharge Time (hrs)	Downstream Surcharge Time (hrs)	Above Full-Flow Time (hrs)	Capacity Limited Time (hrs)	Instability Index
393	☐	1373	1.25	6.47	1.34	6.14	Backwater	0 - 09:56 hrs	5.01	5.01	0.95	1.00	0.33	0.30	1.25	0.86	0.86	1.29	0.00	0.00	8
394	☐	1374	1.25	4.12	0.54	6.16	ceeds Capac	0 - 09:56 hrs	5.02	5.02	1.50	1.00	-2.04	0.30	1.25	0.94	0.94	1.29	0.07	0.07	8
395	☐	1376	3.00	37.78	0.32	44.59	ceeds Capac	0 - 09:57 hrs	6.31	6.31	1.18	1.00	-6.81	4.44	3.00	1.38	1.38	1.79	0.04	0.04	4
396	☐	1377	3.00	35.29	0.28	29.54	Backwater	0 - 09:56 hrs	4.61	4.86	0.84	1.00	5.76	3.13	3.00	0.90	0.90	1.35	0.00	0.00	3
397	☐	1378	3.00	43.47	0.42	38.13	Backwater	0 - 10:03 hrs	5.39	5.43	0.88	1.00	5.34	3.17	3.00	0.88	0.88	1.01	0.00	0.00	7
398	☐	1379	1.75	5.55	0.16	7.35	Backwater	0 - 09:56 hrs	3.13	3.15	1.32	1.00	-1.80	0.00	1.75	0.84	0.84	0.99	0.00	0.01	7
399	☐	138	5.50	66.34	0.04	131.88	ceeds Capac	0 - 10:11 hrs	5.55	5.55	1.99	1.00	-65.54	18.81	5.50	14.03	14.03	14.18	2.36	2.34	14
400	☐	1381	2.00	10.55	0.22	14.21	ceeds Capac	0 - 09:56 hrs	4.52	4.52	1.35	1.00	-3.66	1.44	2.00	1.40	1.40	1.42	0.39	0.61	9
401	☐	1382	1.50	7.76	0.73	8.97	Backwater	0 - 09:48 hrs	5.08	5.08	1.16	1.00	-1.21	0.87	1.50	1.22	1.22	1.25	0.14	0.13	7
402	☐	1383	2.00	6.08	0.07	8.84	ceeds Capac	0 - 10:00 hrs	3.09	3.45	1.45	1.00	-2.76	0.41	2.00	0.84	0.84	0.93	0.20	0.16	4
403	☐	1384	6.00	429.48	1.03	158.18	Backwater	0 - 10:03 hrs	5.59	5.59	0.37	1.00	271.30	19.82	6.00	14.13	14.13	14.38	0.00	0.00	59
404	☐	1385	5.50	105.13	0.10	121.89	ceeds Capac	0 - 10:03 hrs	5.13	5.13	1.16	1.00	-16.76	10.42	5.50	10.48	10.48	13.38	0.29	0.31	44
405	☐	1386	3.75	46.36	0.15	51.52	ceeds Capac	0 - 10:07 hrs	4.66	4.75	1.11	1.00	-5.16	6.18	3.75	1.48	1.48	1.86	0.29	0.28	7
406	☐	1387	3.50	22.38	0.05	53.22	ceeds Capac	0 - 09:56 hrs	5.54	5.55	2.38	1.00	-30.84	6.18	3.50	1.58	1.71	1.58	2.59	1.58	8
407	☐	1388	3.50	21.29	0.04	31.51	ceeds Capac	0 - 10:15 hrs	3.27	3.27	1.48	1.00	-10.22	4.87	3.50	1.70	1.78	1.70	2.07	1.68	4
408	☐	1389	1.25	3.43	0.38	4.19	Backwater	0 - 09:59 hrs	3.42	3.42	1.22	1.00	-0.76	0.01	1.25	0.65	0.65	0.98	0.00	0.00	2
409	☐	139	5.50	78.57	0.05	121.87	ceeds Capac	0 - 10:03 hrs	5.13	5.13	1.55	1.00	-43.30	10.51	5.50	9.20	9.20	10.48	0.75	0.81	37
410	☐	1390	2.00	6.38	0.08	6.82	Backwater	0 - 10:03 hrs	2.17	2.31	1.07	1.00	-0.44	0.17	2.00	0.67	0.67	0.77	0.04	0.01	3
411	☐	1391	1.75	3.67	0.07	7.64	Backwater	0 - 10:08 hrs	3.18	3.18	2.08	1.00	-3.97	0.06	1.75	1.37	1.37	1.76	0.32	0.01	6
412	☐	1392	1.00	1.30	0.18	3.58	ceeds Capac	0 - 09:42 hrs	4.56	4.56	2.75	1.00	-2.28	0.48	1.00	3.47	3.47	3.49	3.21	3.17	13
413	☐	1393	3.00	13.68	0.04	18.94	ceeds Capac	0 - 09:56 hrs	2.71	2.71	1.38	1.00	-5.26	2.10	3.00	1.00	1.00	1.01	0.49	0.43	7
414	☐	1394	1.00	1.19	0.15	4.14	Backwater	0 - 09:56 hrs	5.27	5.40	3.48	1.00	-2.95	0.08	1.00	0.79	0.79	0.89	0.38	0.01	3
415	☐	1395	1.00	1.12	0.13	1.75	ceeds Capac	0 - 10:04 hrs	2.23	2.23	1.56	1.00	-0.63	0.13	1.00	0.86	0.87	0.87	0.56	0.52	1
416	☐	1396	1.00	1.26	0.17	2.88	ceeds Capac	0 - 09:56 hrs	3.67	3.67	2.29	1.00	-1.62	0.59	1.00	0.90	1.90	0.90	4.21	0.90	3
417	☐	1397	1.50	4.45	0.24	5.00	Backwater	0 - 09:56 hrs	3.10	3.11	1.12	1.00	-0.55	0.24	1.50	1.46	1.46	1.57	0.02	0.00	9
418	☐	1398	1.50	1.93	0.04	5.53	Backwater	0 - 09:57 hrs	3.14	3.14	2.87	1.00	-3.60	0.01	1.50	1.37	1.37	1.38	0.14	0.28	10
419	☐	1399	4.50	153.16	0.61	84.27	Backwater	0 - 09:57 hrs	6.53	8.54	0.55	1.00	68.89	7.98	4.50	0.94	0.94	1.19	0.00	0.00	6
420	☐	14	2.00	10.12	0.20	17.08	ceeds Capac	0 - 10:42 hrs	5.44	5.44	1.69	1.00	-6.96	3.26	2.00	3.73	3.73	4.02	3.68	3.65	7
421	☐	140	2.25	20.03	0.42	14.46	Backwater	0 - 09:59 hrs	3.64	3.64	0.72	1.00	5.57	0.87	2.25	0.99	0.99	2.04	0.00	0.00	1
422	☐	1400	2.00	29.32	1.68	22.08	Backwater	0 - 09:57 hrs	7.97	8.36	0.75	1.00	7.24	1.18	2.00	1.08	1.08	1.21	0.00	0.00	6
423	☐	1401	4.00	41.65	0.08	99.71	ceeds Capac	0 - 09:59 hrs	7.98	7.98	2.39	1.00	-58.06	6.83	4.00	0.81	0.86	0.81	1.16	0.79	5
424	☐	1402	4.00	81.43	0.32	77.76	Backwater	0 - 09:57 hrs	6.57	7.77	0.95	1.00	3.67	6.83	4.00	0.83	0.83	1.04	0.00	0.00	4
425	☐	1403	2.00	9.83	0.19	9.39	Backwater	0 - 09:59 hrs	3.42	3.42	0.95	1.00	0.44	0.42	2.00	0.69	0.69	0.73	0.00	0.11	5
426	☐	1404	2.00	8.69	0.15	9.18	Backwater	0 - 09:59 hrs	3.33	3.33	1.06	1.00	-0.49	0.41	2.00	0.73	0.73	0.81	0.02	0.04	4
427	☐	1405	1.00	2.68	0.75	1.83	Backwater	0 - 09:57 hrs	2.51	2.51	0.68	1.00	0.85	0.00	1.00	0.73	0.73	0.77	0.00	0.02	9
428	☐	1406	2.50	20.51	0.25	22.39	ceeds Capac	0 - 09:57 hrs	4.56	4.56	1.09	1.00	-1.88	0.51	2.50	0.72	0.72	0.77	0.02	0.02	4
429	☐	1407	2.50	19.50	0.23	30.46	ceeds Capac	0 - 09:57 hrs	6.21	6.21	1.56	1.00	-10.97	0.88	2.50	0.77	0.77	0.88	0.19	0.16	3
430	☐	1408	2.50	9.42	0.05	30.44	ceeds Capac	0 - 09:57 hrs	6.20	6.20	3.23	1.00	-21.02	0.88	2.50	0.89	0.89	0.90	0.82	0.74	3
431	☐	1409	2.75	19.14	0.13	13.08	Backwater	0 - 10:25 hrs	2.20	2.20	0.68	1.00	6.06	1.50	2.75	9.02	9.02	9.67	0.00	0.64	49
432	☐	141	2.50	4.27	0.01	6.83	Backwater	0 - 10:03 hrs	1.39	2.82	1.60	1.00	-2.56	0.17	2.50	0.58	0.58	0.58	0.12	0.28	4
433	☐	1410	2.75	18.83	0.13	13.09	Backwater	0 - 10:22 hrs	2.20	3.04	0.70	1.00	5.74	1.50	2.75	7.12	7.12	7.61	0.00	0.53	45
434	☐	1411	2.75	19.11	0.13	37.43	ceeds Capac	0 - 10:03 hrs	6.30	6.30	1.96	1.00	-18.32	2.70	2.75	5.71	5.71	6.26	1.34	1.33	35
435	☐	1412	1.75	5.70	0.17	4.72	Backwater	0 - 09:57 hrs	1.96	1.96	0.83	1.00	0.98	0.00	1.75	3.63	3.63	3.93	0.00	0.22	33
436	☐	1413	2.75	19.66	0.14	21.31	ceeds Capac	0 - 10:00 hrs	3.59	3.59	1.08	1.00	-1.65	1.93	2.75	2.86	2.86	5.26	0.74	0.73	24
437	☐	1414	2.75	17.13	0.10	18.37	ceeds Capac	0 - 10:25 hrs	3.09	3.09	1.07	1.00	-1.24	1.65	2.75	2.04	2.04	2.64	0.84	0.74	13
438	☐	1415	2.75	8.77	0.03	23.49	ceeds Capac	0 - 10:14 hrs	3.95	3.95	2.68	1.00	-14.72	1.57	2.75	1.97	1.97	2.35	1.47	1.44	6
439	☐	1416	5.00	149.83	0.33	99.53	Backwater	0 - 10:03 hrs	5.07	6.22	0.66	1.00	50.30	9.64	5.00	1.78	1.78	2.42	0.00	0.00	19
440	☐	1417	4.50	137.22	0.49	83.44	Backwater	0 - 10:15 hrs	5.25	6.93	0.61	1.00	53.78	8.60	4.50	1.86	1.86	2.33	0.00	0.02	14
441	☐	1418	5.00	182.77	0.49	99.53	Backwater	0 - 10:03 hrs	5.07	5.07	0.54	1.00	83.24	9.60	5.00	2.80	2.80	5.61	0.00	0.00	30

FUTURE CONDITIONS 5-YR 24-HR CONDUITS

		ID	Full Depth (ft)	Full Flow (cfs)	Percent Slope (%)	Maximum Flow (cfs)	Maximum Flow Class	Max.Flow Day-Time (day-time)	Velocity at Maximum Flow (ft/s)	Maximum Velocity (ft/s)	Max.Flow/Fu ll Flow	Max.Depth/F ull Depth	Reserve Capacity (cfs)	Total Flow Volume (MG)	Maximum Top Width (ft)	Both End Surcharge Time (hrs)	Upstream Surcharge Time (hrs)	Downstream Surcharge Time (hrs)	Above Full-Flow Time (hrs)	Capacity Limited Time (hrs)	Instability Index
442	☐	1419	5.00	119.02	0.21	99.51	Backwater	0 - 10:03 hrs	5.07	5.24	0.84	1.00	19.50	9.63	5.00	2.49	2.49	3.75	0.00	0.01	20
443	☐	142	2.25	13.54	0.19	12.41	Backwater	0 - 09:59 hrs	3.12	3.12	0.92	1.00	1.13	0.54	2.25	1.62	1.62	1.80	0.00	0.01	8
444	☐	1420	2.00	11.50	0.26	12.18	ceeds Capac	0 - 09:57 hrs	3.88	3.88	1.06	1.00	-0.68	0.77	2.00	2.04	2.04	2.65	0.04	0.05	7
445	☐	1421	1.75	6.35	0.21	2.13	Backwater	0 - 10:22 hrs	0.89	1.89	0.34	1.00	4.22	0.23	1.75	1.87	1.87	2.02	0.00	0.00	13
446	☐	1422	2.75	26.58	0.25	29.16	ceeds Capac	0 - 10:03 hrs	4.91	4.91	1.10	1.00	-2.59	1.62	2.75	1.07	1.07	1.27	0.13	0.13	5
447	☐	1423	1.75	4.70	0.12	3.17	Backwater	0 - 09:56 hrs	1.78	2.14	0.68	1.00	1.52	0.23	1.75	1.70	1.70	1.87	0.00	0.00	10
448	☐	1424	1.50	4.08	0.20	4.46	Backwater	0 - 09:56 hrs	2.90	3.02	1.09	1.00	-0.38	0.22	1.50	1.60	1.60	1.74	0.01	0.00	10
449	☐	1425	2.75	17.78	0.11	19.09	ceeds Capac	0 - 10:00 hrs	3.25	3.46	1.07	1.00	-1.31	1.15	2.75	0.99	0.99	1.07	0.20	0.20	4
450	☐	1426	2.75	17.07	0.10	39.93	ceeds Capac	0 - 10:00 hrs	6.82	6.90	2.34	1.00	-22.87	1.15	2.75	0.90	0.90	0.92	0.32	0.35	8
451	☐	1427	2.00	10.93	0.23	8.12	Backwater	0 - 10:06 hrs	2.59	4.12	0.74	1.00	2.81	0.41	2.00	0.95	0.95	0.99	0.00	0.08	6
452	☐	1428	2.75	33.20	0.39	35.14	ceeds Capac	0 - 10:00 hrs	5.94	5.94	1.06	1.00	-1.95	0.73	2.75	0.75	0.76	0.90	0.00	0.00	7
453	☐	1429	2.75	16.67	0.10	36.78	ceeds Capac	0 - 10:00 hrs	6.22	6.37	2.21	1.00	-20.10	0.73	2.75	0.66	0.67	0.76	0.04	0.00	3
454	☐	143	2.50	18.00	0.19	33.98	ceeds Capac	0 - 09:56 hrs	6.92	6.92	1.89	1.00	-15.98	2.86	2.50	1.71	1.71	1.81	1.04	1.02	9
455	☐	1430	2.75	9.71	0.03	43.91	ceeds Capac	0 - 09:59 hrs	7.39	7.39	4.52	1.00	-34.20	0.74	2.75	0.65	0.67	0.65	1.04	0.40	4
456	☐	1431	2.75	15.04	0.08	28.95	ceeds Capac	0 - 09:59 hrs	4.87	4.87	1.93	1.00	-13.91	0.02	2.75	0.64	0.64	0.67	0.02	0.05	4
457	☐	1432	2.25	15.54	0.25	28.71	ceeds Capac	0 - 09:57 hrs	7.24	7.25	1.85	1.00	-13.17	3.58	2.25	0.78	1.23	0.78	1.78	0.77	2
458	☐	1433	2.25	13.60	0.19	14.05	ceeds Capac	0 - 10:56 hrs	3.53	3.56	1.03	1.00	-0.46	2.71	2.25	1.25	1.25	1.26	0.33	0.29	6
459	☐	1434	2.25	10.71	0.12	9.83	Backwater	0 - 09:59 hrs	2.47	2.47	0.92	1.00	0.88	1.06	2.25	0.84	0.84	1.25	0.00	0.02	5
460	☐	1435	2.25	17.08	0.30	10.76	Backwater	0 - 10:03 hrs	2.71	2.71	0.63	1.00	6.33	0.64	2.25	0.47	0.47	0.77	0.00	0.00	1
461	☐	1436	2.00	51.89	5.26	30.96	Backwater	0 - 09:56 hrs	10.06	11.97	0.60	1.00	20.93	0.51	2.00	0.46	0.47	0.53	0.00	0.00	3
462	☐	1438	1.00	0.56	0.03	3.04	Backwater	0 - 09:56 hrs	4.00	4.00	5.41	1.00	-2.48	0.59	1.00	0.78	0.78	1.23	21.16	0.00	6
463	☐	1439	3.00	102.60	2.37	11.12	Backwater	0 - 09:56 hrs	1.57	1.57	0.11	1.00	91.48	0.66	3.00	0.86	0.86	0.94	0.00	0.01	7
464	☐	144	1.75	7.11	0.27	14.16	ceeds Capac	0 - 09:56 hrs	5.89	5.89	1.99	1.00	-7.05	0.82	1.75	0.81	0.86	0.85	0.10	0.03	1
465	☐	1440	1.00	5.23	2.87	1.77	Backwater	0 - 10:45 hrs	2.62	3.17	0.34	1.00	3.46	0.12	1.00	0.81	0.81	1.18	0.00	0.00	2
466	☐	1441	2.50	16.70	0.17	27.15	ceeds Capac	0 - 09:56 hrs	5.62	5.70	1.63	1.00	-10.45	2.10	2.50	0.66	0.66	0.66	0.83	0.33	6
467	☐	1442	3.00	24.83	0.14	27.52	ceeds Capac	0 - 09:57 hrs	3.89	4.14	1.11	1.00	-2.69	2.22	3.00	0.61	0.61	0.67	0.04	0.03	4
468	☐	1443	3.00	23.27	0.12	30.96	ceeds Capac	0 - 09:57 hrs	4.38	4.39	1.33	1.00	-7.68	2.36	3.00	0.70	0.70	0.72	0.22	0.21	3
469	☐	1444	3.00	27.77	0.17	30.94	ceeds Capac	0 - 09:57 hrs	4.38	4.38	1.11	1.00	-3.18	2.36	3.00	0.74	0.74	0.79	0.02	0.03	4
470	☐	1445	3.00	47.00	0.50	30.85	Backwater	0 - 09:57 hrs	4.36	4.36	0.66	1.00	16.15	2.35	3.00	0.77	0.77	0.82	0.00	0.01	7
471	☐	1446	3.00	24.22	0.13	33.79	ceeds Capac	0 - 09:57 hrs	4.78	4.78	1.40	1.00	-9.57	2.46	3.00	0.83	0.83	0.83	0.21	0.41	7
472	☐	1447	3.00	119.10	3.19	43.58	Backwater	0 - 09:56 hrs	8.13	9.85	0.37	1.00	75.52	3.46	3.00	0.73	0.73	0.77	0.00	0.03	4
473	☐	1448	1.50	1.83	0.04	8.80	ceeds Capac	0 - 09:57 hrs	5.08	5.26	4.80	1.00	-6.96	0.74	1.50	0.89	0.96	0.89	3.55	0.76	8
474	☐	1449	2.50	24.41	0.35	36.18	ceeds Capac	0 - 09:57 hrs	7.40	7.60	1.48	1.00	-11.77	2.78	2.50	0.76	0.83	0.80	0.14	0.07	3
475	☐	1450	2.50	19.45	0.22	28.24	ceeds Capac	0 - 09:55 hrs	5.75	5.75	1.45	1.00	-8.79	2.43	2.50	0.80	0.81	0.82	0.38	0.30	4
476	☐	1451	2.50	10.93	0.07	28.23	ceeds Capac	0 - 09:55 hrs	5.75	5.75	2.58	1.00	-17.30	2.44	2.50	0.82	0.89	0.82	1.70	0.80	3
477	☐	1452	2.50	22.04	0.29	26.11	ceeds Capac	0 - 09:56 hrs	5.32	5.32	1.19	1.00	-4.08	2.10	2.50	0.66	0.67	0.72	0.08	0.04	4
478	☐	1453	2.50	28.32	0.48	26.00	Backwater	0 - 09:56 hrs	5.30	5.62	0.92	1.00	2.32	2.10	2.50	0.54	0.54	0.75	0.00	0.00	4
479	☐	1454	2.00	4.76	0.04	18.02	ceeds Capac	0 - 09:52 hrs	5.74	5.74	3.79	1.00	-13.26	1.55	2.00	0.73	0.75	0.73	2.86	0.60	5
480	☐	1455	2.00	6.15	0.07	18.02	ceeds Capac	0 - 09:52 hrs	5.74	5.74	2.93	1.00	-11.87	1.55	2.00	0.75	0.81	0.75	1.87	0.69	5
481	☐	1456	2.75	23.94	0.20	20.26	Backwater	0 - 10:00 hrs	3.41	3.41	0.85	1.00	3.69	1.91	2.75	14.11	14.11	14.22	0.00	0.00	50
482	☐	1457	1.25	3.50	0.39	2.03	Backwater	0 - 10:03 hrs	1.65	1.65	0.58	1.00	1.47	0.01	1.25	0.80	0.80	4.52	0.00	0.00	4
483	☐	1458	2.00	8.30	0.13	18.03	Backwater	0 - 09:52 hrs	5.74	5.74	2.17	1.00	-9.74	1.55	2.00	0.81	0.81	0.92	1.18	0.01	5
484	☐	146	3.50	127.08	1.60	43.60	Backwater	0 - 12:30 hrs	4.53	4.74	0.34	1.00	83.48	12.85	3.50	18.75	18.75	19.95	0.00	0.00	64
485	☐	1460	2.00	7.50	0.11	3.37	Backwater	0 - 09:49 hrs	1.07	1.07	0.45	1.00	4.13	0.00	2.00	0.92	0.92	1.09	0.00	0.01	5
486	☐	1461	1.50	5.99	0.43	2.92	Backwater	0 - 09:51 hrs	1.69	2.03	0.49	1.00	3.07	0.00	1.50	0.78	0.78	1.13	0.00	0.00	5
487	☐	1462	3.50	10.06	0.01	50.21	ceeds Capac	0 - 10:02 hrs	5.22	5.22	4.99	1.00	-40.15	1.36	3.50	6.77	6.81	6.93	1.69	2.95	24
488	☐	147	6.50	74.35	0.02	186.47	ceeds Capac	0 - 10:02 hrs	5.62	5.62	2.51	1.00	-112.12	15.27	6.50	15.26	15.26	15.30	2.18	2.49	54
489	☐	148	6.50	74.17	0.02	186.47	ceeds Capac	0 - 10:02 hrs	5.62	5.62	2.51	1.00	-112.30	15.02	6.50	15.35	15.35	15.44	2.20	2.89	53
490	☐	149	6.50	155.14	0.09	285.05	Backwater	0 - 10:00 hrs	8.59	8.59	1.84	1.00	-129.91	14.86	6.50	15.05	15.05	15.40	1.30	0.00	47

FUTURE CONDITIONS 5-YR 24-HR CONDUITS

		ID	Full Depth (ft)	Full Flow (cfs)	Percent Slope (%)	Maximum Flow (cfs)	Maximum Flow Class	Max.Flow Day-Time (day-time)	Velocity at Maximum Flow (ft/s)	Maximum Velocity (ft/s)	Max.Flow/Fu ll Flow	Max.Depth/F ull Depth	Reserve Capacity (cfs)	Total Flow Volume (MG)	Maximum Top Width (ft)	Both End Surcharge Time (hrs)	Upstream Surcharge Time (hrs)	Downstream Surcharge Time (hrs)	Above Full-Flow Time (hrs)	Capacity Limited Time (hrs)	Instability Index
491	☐	15	2.00	10.12	0.20	16.70	ceeds Capac	0 - 09:41 hrs	5.32	5.32	1.65	1.00	-6.57	3.50	2.00	3.11	4.02	3.11	4.55	3.11	6
492	☐	152	6.00	140.59	0.11	155.25	ceeds Capac	0 - 10:03 hrs	5.49	5.49	1.10	1.00	-14.66	20.55	6.00	14.70	14.70	15.33	0.39	0.41	43
493	☐	155	6.00	173.41	0.17	169.71	Backwater	0 - 10:03 hrs	6.00	6.00	0.98	1.00	3.71	20.87	6.00	14.38	14.38	14.70	0.00	0.08	51
494	☐	156	2.50	39.27	0.92	16.37	Backwater	0 - 10:02 hrs	3.34	3.34	0.42	1.00	22.90	1.71	2.50	15.06	15.06	15.22	0.00	0.02	63
495	☐	157	6.50	74.16	0.02	186.46	ceeds Capac	0 - 10:02 hrs	5.62	5.62	2.51	1.00	-112.30	15.15	6.50	15.30	15.30	15.35	2.19	2.94	52
496	☐	158	3.50	24.07	0.16	23.26	Backwater	0 - 09:41 hrs	2.42	2.42	0.97	1.00	0.81	5.85	3.50	16.39	16.39	18.48	0.00	0.00	29
497	☐	159	3.50	23.78	0.16	27.89	ceeds Capac	0 - 10:02 hrs	2.90	2.90	1.17	1.00	-4.10	6.08	3.50	15.45	15.45	16.39	1.26	1.26	40
498	☐	16	2.00	17.23	0.58	25.85	Free Surface	0 - 10:00 hrs	8.27	8.28	1.50	0.99	-8.62	5.14	2.00	0.00	3.11	0.00	3.49	0.00	17
499	☐	160	3.50	23.81	0.16	21.90	Backwater	0 - 10:08 hrs	2.28	2.28	0.92	1.00	1.90	4.58	3.50	15.02	15.02	15.45	0.00	0.00	49
500	☐	161	3.50	23.73	0.16	15.05	Backwater	0 - 10:03 hrs	1.56	2.10	0.63	1.00	8.68	4.00	3.50	14.90	14.90	15.02	0.00	0.00	57
501	☐	162	2.50	20.51	0.25	15.40	Backwater	0 - 09:55 hrs	3.14	3.71	0.75	1.00	5.11	3.35	2.50	4.12	4.12	4.98	0.00	0.00	18
502	☐	164	2.50	43.04	1.10	39.98	Backwater	0 - 09:56 hrs	8.14	9.24	0.93	1.00	3.06	2.58	2.50	0.63	0.63	1.27	0.00	0.00	3
503	☐	165	3.50	44.98	0.20	23.33	Backwater	0 - 09:59 hrs	2.43	2.98	0.52	1.00	21.65	1.05	3.50	3.69	3.69	8.00	0.00	0.03	40
504	☐	166	3.50	46.82	0.22	23.27	Backwater	0 - 09:59 hrs	2.42	3.98	0.50	1.00	23.54	1.06	3.48	3.42	3.42	3.69	0.00	0.30	34
505	☐	167	3.50	44.57	0.20	23.26	Backwater	0 - 09:59 hrs	2.42	2.42	0.52	1.00	21.31	1.07	3.49	2.14	2.14	3.42	0.00	0.00	30
506	☐	17	2.50	31.25	0.58	26.06	Free Surface	0 - 10:12 hrs	5.70	6.87	0.83	0.89	5.19	5.14	2.50	0.00	0.00	0.84	0.00	0.00	7
507	☐	170	4.50	62.55	0.10	137.07	ceeds Capac	0 - 00:02 hrs	8.79	11.36	2.19	1.00	-74.52	5.88	2.94	23.95	23.95	23.98	0.43	0.37	67
508	☐	171	2.50	19.99	0.24	21.31	ceeds Capac	0 - 09:40 hrs	4.34	5.39	1.07	1.00	-1.32	4.69	2.50	1.96	1.96	1.97	0.74	0.95	17
509	☐	172	3.50	25.16	0.06	28.00	ceeds Capac	0 - 10:06 hrs	2.91	2.91	1.11	1.00	-2.84	1.94	3.50	0.83	0.83	0.95	0.33	0.30	3
510	☐	173	3.50	55.28	0.30	28.02	Backwater	0 - 00:09 hrs	4.03	4.36	0.51	1.00	27.26	1.89	3.48	2.37	2.37	23.80	0.00	0.00	57
511	☐	174	2.75	72.91	1.90	16.92	Backwater	0 - 09:48 hrs	2.85	2.99	0.23	1.00	55.98	2.45	2.45	0.91	0.91	23.91	0.00	0.00	54
512	☐	175	1.75	13.48	0.96	11.12	Backwater	0 - 10:11 hrs	4.62	4.62	0.82	1.00	2.36	0.92	1.75	2.01	2.01	2.25	0.00	0.00	13
513	☐	176	2.00	5.36	0.06	16.79	ceeds Capac	0 - 09:48 hrs	5.35	5.35	3.13	1.00	-11.43	2.47	2.00	2.23	2.94	2.23	4.44	2.23	3
514	☐	177	2.00	8.51	0.14	16.80	ceeds Capac	0 - 09:48 hrs	5.35	5.35	1.97	1.00	-8.28	2.47	2.00	2.12	2.15	2.20	2.45	2.12	4
515	☐	178	4.50	19.66	0.01	90.35	ceeds Capac	0 - 00:03 hrs	6.66	7.67	4.59	1.00	-70.69	4.79	4.49	23.92	23.92	23.92	2.04	4.74	69
516	☐	179	4.50	61.30	0.10	87.87	ceeds Capac	0 - 00:04 hrs	6.90	7.34	1.43	1.00	-26.58	4.84	4.46	23.91	23.91	23.91	0.03	0.01	70
517	☐	180	3.75	69.01	0.33	67.25	Backwater	0 - 00:05 hrs	6.57	7.87	0.97	1.00	1.76	2.43	3.60	23.88	23.88	23.91	0.00	0.00	67
518	☐	181	3.75	43.10	0.13	65.97	Backwater	0 - 00:06 hrs	7.51	7.80	1.53	1.00	-22.87	2.45	3.51	23.86	23.86	23.88	0.02	0.08	69
519	☐	182	3.50	31.13	0.10	38.97	Backwater	0 - 00:07 hrs	5.78	5.93	1.25	1.00	-7.84	1.86	3.50	23.80	23.80	23.85	0.03	0.04	61
520	☐	183	3.50	44.03	0.19	27.99	Backwater	0 - 10:07 hrs	2.91	2.91	0.64	1.00	16.04	1.96	3.50	0.50	0.50	0.83	0.00	0.00	2
521	☐	184	2.00	14.41	0.41	15.91	ceeds Capac	0 - 10:12 hrs	5.06	5.06	1.10	1.00	-1.50	1.13	2.00	0.74	0.74	0.92	0.11	0.13	2
522	☐	185	2.00	11.46	0.26	15.91	ceeds Capac	0 - 10:12 hrs	5.06	5.06	1.39	1.00	-4.45	1.13	2.00	0.62	0.62	0.71	0.38	0.39	1
523	☐	186	3.50	41.74	0.17	27.99	Backwater	0 - 10:06 hrs	2.91	3.89	0.67	1.00	13.74	1.91	3.50	0.95	0.95	2.37	0.00	0.00	10
524	☐	187	2.00	4.64	0.12	8.80	ceeds Capac	0 - 22:36 hrs	2.80	2.80	1.89	1.00	-4.16	4.65	2.00	22.62	22.63	22.62	21.64	21.58	85
525	☐	188	2.00	4.67	0.12	8.78	ceeds Capac	0 - 13:22 hrs	2.80	2.80	1.88	1.00	-4.11	4.64	2.00	22.59	22.62	22.59	21.54	21.43	76
526	☐	189	2.00	4.63	0.12	8.78	ceeds Capac	0 - 13:38 hrs	2.79	2.79	1.90	1.00	-4.15	4.63	1.99	22.50	22.59	22.50	21.61	21.49	72
527	☐	19	4.50	87.90	0.20	76.69	Backwater	0 - 10:14 hrs	4.82	4.82	0.87	1.00	11.20	13.39	4.50	2.98	2.98	14.33	0.00	0.00	15
528	☐	190	2.00	4.65	0.12	8.79	ceeds Capac	0 - 21:50 hrs	2.80	2.80	1.89	1.00	-4.14	4.63	1.99	22.48	22.50	22.48	21.52	21.40	74
529	☐	191	2.00	1.93	0.02	8.79	ceeds Capac	0 - 21:31 hrs	2.80	2.80	4.55	1.00	-6.86	4.62	2.00	22.48	22.48	22.48	22.63	22.48	75
530	☐	192	2.00	6.43	0.23	8.78	ceeds Capac	0 - 22:52 hrs	2.79	3.01	1.36	1.00	-2.35	4.62	1.99	22.48	22.48	22.48	16.51	16.24	76
531	☐	193	2.00	4.61	0.12	8.76	ceeds Capac	0 - 17:54 hrs	2.79	2.79	1.90	1.00	-4.16	4.61	1.99	22.48	22.48	22.49	21.51	21.50	62
532	☐	194	2.00	8.27	0.38	8.77	Free Surface	0 - 21:04 hrs	3.41	3.41	1.06	0.76	-0.50	4.60	1.96	0.00	0.00	22.49	13.24	0.00	66
533	☐	195	3.00	74.58	1.25	82.19	ceeds Capac	0 - 09:56 hrs	12.64	12.64	1.10	1.00	-7.60	8.22	3.00	0.47	0.47	0.55	0.40	0.36	3
534	☐	196	3.00	75.04	1.27	75.86	ceeds Capac	0 - 10:14 hrs	10.73	11.27	1.01	1.00	-0.82	8.22	3.00	0.57	0.57	0.82	0.38	0.31	3
535	☐	197	5.00	87.41	0.11	122.08	ceeds Capac	0 - 10:03 hrs	6.22	6.22	1.40	1.00	-34.67	11.76	4.99	2.00	2.00	23.96	0.88	0.88	1
536	☐	198	4.00	86.75	0.36	94.94	ceeds Capac	0 - 10:14 hrs	7.55	7.55	1.09	1.00	-8.19	9.61	3.95	2.17	2.17	23.13	0.44	0.41	6
537	☐	199	4.00	116.52	0.66	106.05	Backwater	0 - 10:03 hrs	8.44	8.44	0.91	1.00	10.47	9.72	4.00	0.59	0.59	0.86	0.00	0.00	3
538	☐	20	4.50	59.36	0.09	78.84	ceeds Capac	0 - 10:03 hrs	4.96	4.96	1.33	1.00	-19.48	12.52	4.50	14.33	14.33	14.52	1.55	1.53	38
539	☐	200	2.00	27.03	1.43	20.41	Backwater	0 - 10:03 hrs	6.50	6.50	0.76	1.00	6.62	0.94	2.00	0.86	0.86	0.91	0.00	0.01	5

FUTURE CONDITIONS 5-YR 24-HR CONDUITS

		ID	Full Depth (ft)	Full Flow (cfs)	Percent Slope (%)	Maximum Flow (cfs)	Maximum Flow Class	Max.Flow Day-Time (day-time)	Velocity at Maximum Flow (ft/s)	Maximum Velocity (ft/s)	Max.Flow/Fu ll Flow	Max.Depth/F ull Depth	Reserve Capacity (cfs)	Total Flow Volume (MG)	Maximum Top Width (ft)	Both End Surcharge Time (hrs)	Upstream Surcharge Time (hrs)	Downstream Surcharge Time (hrs)	Above Full-Flow Time (hrs)	Capacity Limited Time (hrs)	Instability Index
540	☐	201	2.00	12.35	0.40	14.68	ceeds Capac	0 - 10:08 hrs	4.67	4.67	1.19	1.00	-2.34	0.91	1.93	0.91	0.91	2.25	0.33	0.33	4
541	☐	202	5.00	109.10	0.18	169.93	ceeds Capac	0 - 00:02 hrs	8.78	8.92	1.56	1.00	-60.83	11.62	3.14	23.96	23.96	24.00	0.47	0.44	2
542	☐	203	2.00	53.48	5.59	30.23	Free Surface	0 - 10:03 hrs	13.98	15.14	0.57	0.65	23.24	1.43	2.00	0.00	0.00	0.00	0.00	0.00	0
543	☐	204	3.50	61.39	0.37	70.18	Free Surface	0 - 10:06 hrs	7.29	7.29	1.14	1.00	-8.80	0.55	2.76	0.00	0.18	0.00	0.17	0.00	0
544	☐	205	3.50	68.26	0.46	76.32	Free Surface	0 - 10:06 hrs	7.93	7.93	1.12	1.00	-8.06	26.02	2.76	0.00	0.18	0.00	0.18	0.00	0
545	☐	206	3.50	54.85	0.30	64.48	ceeds Capac	0 - 10:06 hrs	6.70	6.70	1.18	1.00	-9.64	14.78	2.76	0.18	0.18	24.00	0.17	0.18	0
546	☐	208	2.00	7.21	0.10	14.05	Free Surface	0 - 10:04 hrs	4.76	4.84	1.95	0.89	-6.85	0.68	2.00	0.00	0.67	0.00	0.74	0.00	0
547	☐	209	2.00	21.61	0.91	7.72	Free Surface	0 - 10:07 hrs	2.91	3.62	0.36	0.81	13.89	0.34	2.00	0.00	0.00	0.00	0.00	0.00	0
548	☐	21	2.00	10.38	0.21	13.04	ceeds Capac	0 - 09:52 hrs	4.15	4.15	1.26	1.00	-2.65	1.14	2.00	1.11	1.11	1.42	0.12	0.12	4
549	☐	210	2.00	19.47	0.74	20.59	Free Surface	0 - 10:04 hrs	7.12	7.15	1.06	0.87	-1.12	1.00	2.00	0.00	0.00	0.00	0.12	0.00	0
550	☐	211	2.00	19.33	0.73	19.76	Free Surface	0 - 10:06 hrs	7.11	7.11	1.02	0.83	-0.43	0.95	2.00	0.00	0.00	0.00	0.05	0.00	0
551	☐	212	2.50	61.83	2.27	22.84	Free Surface	0 - 10:04 hrs	6.13	6.13	0.37	0.71	38.99	1.09	2.50	0.00	0.00	0.18	0.00	0.00	0
552	☐	213	3.50	104.20	1.07	74.73	Free Surface	0 - 10:04 hrs	9.13	11.66	0.72	0.81	29.46	3.48	3.50	0.00	0.00	0.04	0.00	0.00	0
553	☐	214	2.50	59.37	2.09	38.21	Free Surface	0 - 10:03 hrs	9.92	10.03	0.64	0.73	21.16	1.80	2.50	0.00	0.00	0.00	0.00	0.00	0
554	☐	216	3.50	107.50	1.14	74.78	Backwater	0 - 10:04 hrs	7.77	11.59	0.70	1.00	32.72	3.49	3.50	0.08	0.08	0.18	0.00	0.00	0
555	☐	217	3.50	78.39	0.61	74.77	Backwater	0 - 10:04 hrs	7.77	7.77	0.95	1.00	3.62	3.48	3.50	0.19	0.19	0.40	0.00	0.00	0
556	☐	218	4.50	102.35	0.27	95.34	Backwater	0 - 10:04 hrs	5.99	5.99	0.93	1.00	7.02	4.45	4.50	0.27	0.27	0.29	0.00	0.03	2
557	☐	219	5.00	71.37	0.08	95.38	ceeds Capac	0 - 10:04 hrs	4.86	4.86	1.34	1.00	-24.01	4.45	5.00	0.24	0.25	0.24	0.27	0.16	2
558	☐	22	2.00	12.80	0.32	13.03	ceeds Capac	0 - 09:52 hrs	4.15	4.15	1.02	1.00	-0.23	1.14	1.99	1.42	1.42	23.88	0.01	0.02	4
559	☐	220	5.00	94.30	0.13	141.95	ceeds Capac	0 - 10:04 hrs	7.23	7.23	1.51	1.00	-47.65	7.19	5.00	0.21	0.24	0.21	0.35	0.21	1
560	☐	221	2.00	53.12	5.51	49.66	Backwater	0 - 09:59 hrs	15.81	15.81	0.93	1.00	3.46	2.75	2.00	0.38	0.38	1.39	0.00	0.00	0
561	☐	222	2.00	31.37	1.92	35.18	ceeds Capac	0 - 09:59 hrs	11.20	11.20	1.12	1.00	-3.81	2.10	2.00	0.29	0.29	0.32	0.20	0.19	1
562	☐	224	2.00	26.47	1.37	35.19	ceeds Capac	0 - 09:59 hrs	11.20	11.20	1.33	1.00	-8.72	2.10	2.00	0.30	0.32	0.41	0.31	0.26	0
563	☐	225	2.50	102.34	6.22	0.00	Free Surface	0 - 00:00 hrs	0.00	0.00	0.00	0.36	102.34	0.00	2.39	0.00	0.00	0.00	0.00	0.00	0
564	☐	226	2.50	29.61	0.52	5.83	Free Surface	0 - 10:00 hrs	1.88	1.90	0.20	0.86	23.78	0.00	2.50	0.00	0.00	0.14	0.00	0.00	0
565	☐	227	2.50	38.38	0.88	8.01	Backwater	0 - 10:00 hrs	1.67	1.67	0.21	1.00	30.37	0.00	2.50	0.14	0.14	0.56	0.00	0.00	0
566	☐	228	5.50	156.36	0.22	183.62	ceeds Capac	0 - 10:04 hrs	7.73	7.73	1.17	1.00	-27.26	9.32	5.50	0.07	0.09	0.07	0.19	0.06	0
567	☐	229	2.00	37.17	2.70	29.96	Free Surface	0 - 10:04 hrs	10.21	10.52	0.81	0.88	7.21	1.43	2.00	0.00	0.00	23.82	0.00	0.00	0
568	☐	23	4.00	87.35	0.37	13.53	Backwater	0 - 00:06 hrs	2.44	2.68	0.15	1.00	73.82	1.12	4.00	1.11	1.11	1.53	0.00	0.00	15
569	☐	230	5.50	83.06	0.06	213.27	Free Surface	0 - 10:04 hrs	10.00	10.00	2.57	0.85	-130.21	10.72	5.50	0.00	0.07	0.00	0.72	0.00	0
570	☐	231	2.25	25.36	0.67	20.80	Backwater	0 - 10:18 hrs	5.23	5.23	0.82	1.00	4.56	2.22	2.25	0.58	0.58	1.02	0.00	0.00	5
571	☐	232	2.00	10.58	0.22	16.08	ceeds Capac	0 - 09:55 hrs	5.12	5.12	1.52	1.00	-5.50	1.05	2.00	0.66	0.66	0.67	0.34	0.29	4
572	☐	233	2.00	2.29	0.01	7.77	ceeds Capac	0 - 09:55 hrs	2.47	2.47	3.40	1.00	-5.48	0.33	2.00	0.66	0.66	0.67	1.13	0.29	6
573	☐	234	2.00	20.77	0.84	10.02	Free Surface	0 - 09:59 hrs	3.99	5.85	0.48	0.74	10.75	0.44	2.00	0.00	0.00	0.41	0.00	0.00	0
574	☐	235	2.00	17.31	0.59	10.06	Backwater	0 - 09:59 hrs	3.20	3.20	0.58	1.00	7.25	0.44	2.00	0.52	0.52	0.58	0.00	0.01	2
575	☐	236	2.00	6.53	0.08	0.66	Backwater	0 - 09:51 hrs	0.21	0.21	0.10	1.00	5.86	0.00	2.00	0.98	0.98	1.10	0.00	0.00	8
576	☐	237	2.50	15.31	0.14	34.92	ceeds Capac	0 - 09:59 hrs	7.11	7.11	2.28	1.00	-19.61	3.28	2.50	0.87	0.97	0.87	1.56	0.87	7
577	☐	238	2.50	18.85	0.21	34.91	ceeds Capac	0 - 09:59 hrs	7.11	7.11	1.85	1.00	-16.06	3.28	2.50	0.93	0.96	0.93	1.18	0.88	8
578	☐	239	2.50	21.67	0.28	34.90	ceeds Capac	0 - 09:59 hrs	7.11	7.11	1.61	1.00	-13.24	3.28	2.50	0.92	0.93	0.92	1.00	0.89	7
579	☐	24	2.00	17.65	0.61	36.74	ceeds Capac	0 - 09:59 hrs	11.69	11.69	2.08	1.00	-19.09	2.25	2.00	0.91	0.91	1.17	0.67	0.67	5
580	☐	240	2.50	19.57	0.23	34.93	Free Surface	0 - 09:59 hrs	7.50	7.50	1.78	0.90	-15.36	3.27	2.50	0.00	0.92	0.00	1.15	0.00	3
581	☐	241	2.50	63.26	2.38	34.88	Free Surface	0 - 09:59 hrs	8.66	13.10	0.55	0.77	28.39	3.27	2.50	0.00	0.00	0.27	0.00	0.00	0
582	☐	243	2.50	56.11	1.87	34.91	Backwater	0 - 09:59 hrs	7.11	8.65	0.62	1.00	21.20	3.27	2.50	0.33	0.33	0.52	0.00	0.00	2
583	☐	244	2.50	19.43	0.22	37.12	ceeds Capac	0 - 09:56 hrs	7.56	7.56	1.91	1.00	-17.69	3.84	2.50	0.90	1.10	0.90	1.52	0.90	5
584	☐	245	2.25	23.55	0.58	23.18	Backwater	0 - 10:07 hrs	5.83	14.03	0.98	1.00	0.37	1.39	2.25	0.48	0.49	0.49	0.00	0.18	3
585	☐	246	2.00	25.01	1.22	23.18	Backwater	0 - 10:07 hrs	7.38	7.38	0.93	1.00	1.84	1.40	2.00	0.47	0.47	0.52	0.00	0.04	3
586	☐	247	2.00	12.19	0.29	16.55	ceeds Capac	0 - 09:53 hrs	5.27	5.27	1.36	1.00	-4.37	1.14	2.00	0.75	0.75	0.79	0.15	0.25	4
587	☐	248	2.00	13.54	0.36	23.17	ceeds Capac	0 - 10:07 hrs	7.38	7.38	1.71	1.00	-9.63	1.40	2.00	0.51	0.52	0.51	0.53	0.46	2
588	☐	249	2.00	10.28	0.21	16.54	ceeds Capac	0 - 09:53 hrs	5.26	5.26	1.61	1.00	-6.26	1.14	2.00	0.79	0.79	0.91	0.33	0.31	2

FUTURE CONDITIONS 5-YR 24-HR CONDUITS

		ID	Full Depth (ft)	Full Flow (cfs)	Percent Slope (%)	Maximum Flow (cfs)	Maximum Flow Class	Max.Flow Day-Time (day-time)	Velocity at Maximum Flow (ft/s)	Maximum Velocity (ft/s)	Max.Flow/Fu ll Flow	Max.Depth/F ull Depth	Reserve Capacity (cfs)	Total Flow Volume (MG)	Maximum Top Width (ft)	Both End Surcharge Time (hrs)	Upstream Surcharge Time (hrs)	Downstream Surcharge Time (hrs)	Above Full-Flow Time (hrs)	Capacity Limited Time (hrs)	Instability Index
589	☐	25	3.00	68.62	3.03	68.74	Free Surface	0 - 10:04 hrs	10.18	10.18	1.00	0.91	-0.12	5.00	3.00	0.00	0.00	0.11	0.01	0.00	0
590	☐	250	2.25	19.59	0.40	23.35	ceeds Capac	0 - 10:07 hrs	5.87	5.87	1.19	1.00	-3.76	1.84	2.25	0.59	0.59	0.63	0.29	0.30	3
591	☐	251	2.00	5.59	0.06	24.70	ceeds Capac	0 - 09:53 hrs	7.87	7.87	4.42	1.00	-19.11	1.70	2.00	0.53	0.96	0.53	2.42	0.53	3
592	☐	252	2.00	16.02	0.50	26.63	ceeds Capac	0 - 09:55 hrs	8.75	8.75	1.66	1.00	-10.61	1.25	2.00	0.54	0.58	0.54	0.17	0.18	3
593	☐	253	2.00	15.05	0.44	35.09	Backwater	0 - 12:02 hrs	24.00	24.00	2.33	1.00	-20.04	0.14	2.00	0.54	0.54	0.56	0.00	0.13	3
594	☐	254	5.00	346.57	1.77	145.39	Backwater	0 - 00:00 hrs	7.56	7.76	0.42	1.00	201.17	3.23	4.21	0.00	0.00	24.00	0.00	0.00	0
595	☐	255	2.50	26.22	0.41	47.22	ceeds Capac	0 - 09:59 hrs	9.62	9.62	1.80	1.00	-21.00	3.26	2.21	1.18	1.18	23.98	0.76	0.76	2
596	☐	256	2.50	81.82	3.98	47.21	Free Surface	0 - 09:59 hrs	11.60	11.60	0.58	0.77	34.61	3.27	2.50	0.00	0.00	1.11	0.00	0.00	0
597	☐	257	2.50	22.36	0.30	47.51	Free Surface	0 - 09:57 hrs	9.85	9.85	2.12	0.95	-25.15	3.27	2.50	0.00	0.75	0.00	0.84	0.00	3
598	☐	258	2.50	30.11	0.54	47.52	ceeds Capac	0 - 09:57 hrs	9.68	9.68	1.58	1.00	-17.41	3.27	2.50	0.66	0.66	0.72	0.65	0.64	1
599	☐	259	2.25	16.81	0.29	19.60	ceeds Capac	0 - 10:12 hrs	4.93	5.49	1.17	1.00	-2.79	1.81	2.25	0.63	0.63	0.67	0.43	0.42	3
600	☐	26	1.50	6.08	0.45	7.77	Backwater	0 - 09:55 hrs	4.40	4.40	1.28	1.00	-1.69	0.33	1.50	0.88	0.88	0.89	0.16	0.24	2
601	☐	260	2.25	19.86	0.41	19.61	Backwater	0 - 10:12 hrs	4.93	5.51	0.99	1.00	0.26	1.81	2.25	0.70	0.70	0.82	0.00	0.05	3
602	☐	261	2.50	23.32	0.32	32.70	ceeds Capac	0 - 09:56 hrs	6.66	6.66	1.40	1.00	-9.38	2.21	2.50	0.64	0.64	0.67	0.63	0.59	1
603	☐	262	2.50	24.26	0.35	32.72	ceeds Capac	0 - 09:56 hrs	6.66	6.66	1.35	1.00	-8.45	2.21	2.50	0.63	0.64	0.65	0.55	0.53	2
604	☐	263	2.00	16.02	0.50	22.33	ceeds Capac	0 - 09:56 hrs	7.20	7.30	1.39	1.00	-6.31	1.24	2.00	0.51	0.54	0.51	0.16	0.08	0
605	☐	264	2.50	25.49	0.39	27.89	ceeds Capac	0 - 10:07 hrs	5.68	5.68	1.09	1.00	-2.39	2.33	2.50	0.86	0.86	0.97	0.32	0.33	2
606	☐	265	2.50	30.82	0.56	37.09	ceeds Capac	0 - 09:56 hrs	7.56	7.56	1.20	1.00	-6.26	3.94	2.50	0.97	0.97	1.10	0.83	0.80	1
607	☐	266	2.50	22.71	0.31	37.13	ceeds Capac	0 - 09:56 hrs	7.59	7.59	1.64	1.00	-14.43	3.84	2.50	0.61	0.90	0.61	1.22	0.60	5
608	☐	267	2.50	26.95	0.43	37.80	ceeds Capac	0 - 09:56 hrs	7.88	8.63	1.40	1.00	-10.85	3.84	2.50	0.55	0.87	0.55	1.00	0.43	5
609	☐	268	2.50	56.64	1.91	36.98	Backwater	0 - 10:36 hrs	9.54	9.82	0.65	1.00	19.66	3.84	2.50	0.55	0.55	0.58	0.00	0.07	4
610	☐	269	2.50	33.18	0.65	35.07	ceeds Capac	0 - 10:30 hrs	7.18	7.72	1.06	1.00	-1.89	3.84	2.50	0.57	0.58	0.62	0.17	0.05	3
611	☐	27	2.00	32.14	2.02	22.92	Free Surface	0 - 10:03 hrs	10.12	10.27	0.71	0.68	9.23	1.10	2.00	0.00	0.00	0.00	0.00	0.00	0
612	☐	270	2.50	38.91	0.90	44.93	ceeds Capac	0 - 09:56 hrs	9.15	9.22	1.15	1.00	-6.03	4.52	2.50	0.58	0.62	0.63	0.25	0.10	3
613	☐	271	2.50	37.73	0.85	44.96	ceeds Capac	0 - 09:56 hrs	9.26	9.26	1.19	1.00	-7.23	4.52	2.50	0.53	0.63	0.53	0.37	0.17	3
614	☐	272	2.50	37.36	0.83	40.52	ceeds Capac	0 - 09:56 hrs	8.26	8.63	1.08	1.00	-3.16	4.52	2.50	0.53	0.73	0.53	0.42	0.16	1
615	☐	273	2.50	17.63	0.18	16.87	Backwater	0 - 09:59 hrs	3.44	3.44	0.96	1.00	0.77	1.86	2.12	23.94	23.94	23.94	0.00	0.14	64
616	☐	274	2.00	7.11	0.10	11.85	ceeds Capac	0 - 10:38 hrs	3.77	3.77	1.67	1.00	-4.74	2.01	1.98	23.84	23.84	23.86	2.78	2.83	67
617	☐	275	4.50	89.91	0.21	61.06	Backwater	0 - 09:53 hrs	6.66	6.66	0.68	1.00	28.85	6.52	4.50	0.63	0.63	0.71	0.00	0.00	4
618	☐	276	6.00	134.48	0.10	321.23	Backwater	0 - 00:01 hrs	11.39	11.39	2.39	1.00	-186.75	4.60	2.35	23.98	23.98	24.00	0.05	0.01	58
619	☐	277	5.00	130.84	0.25	169.25	Backwater	0 - 00:02 hrs	8.91	9.23	1.29	1.00	-38.42	5.74	4.88	23.95	23.95	23.99	0.02	0.00	49
620	☐	278	3.00	81.85	1.51	65.88	Free Surface	0 - 10:04 hrs	10.17	12.80	0.80	0.86	15.97	5.39	3.00	0.00	0.00	0.12	0.00	0.00	0
621	☐	279	3.00	76.61	1.32	79.19	ceeds Capac	0 - 10:07 hrs	11.20	11.20	1.03	1.00	-2.58	6.43	3.00	0.33	0.33	0.39	0.19	0.19	2
622	☐	28	3.00	33.61	0.73	8.97	Free Surface	0 - 09:59 hrs	3.99	4.01	0.27	0.36	24.65	0.39	2.88	0.00	0.00	0.00	0.00	0.00	0
623	☐	280	2.50	10.20	0.06	21.09	Free Surface	0 - 10:08 hrs	4.94	4.94	2.07	0.81	-10.90	2.00	2.50	0.00	0.83	0.00	1.37	0.00	0
624	☐	281	2.50	22.15	0.29	22.15	Backwater	0 - 10:12 hrs	4.51	4.51	1.00	1.00	0.00	1.62	2.50	0.79	0.79	0.83	0.00	0.03	3
625	☐	282	2.50	21.76	0.28	28.77	ceeds Capac	0 - 09:59 hrs	5.86	5.86	1.32	1.00	-7.00	1.66	2.50	0.66	0.66	0.79	0.29	0.30	5
626	☐	283	2.50	28.13	0.47	22.51	Backwater	0 - 10:07 hrs	4.59	4.59	0.80	1.00	5.62	1.36	2.50	0.57	0.57	0.66	0.00	0.00	4
627	☐	284	3.00	92.97	1.94	21.09	Free Surface	0 - 10:06 hrs	7.09	7.60	0.23	0.44	71.87	2.00	2.98	0.00	0.00	0.00	0.00	0.00	0
628	☐	285	3.50	53.00	0.28	60.89	ceeds Capac	0 - 10:03 hrs	6.33	6.33	1.15	1.00	-7.89	4.01	1.37	2.25	2.25	24.00	0.31	0.32	9
629	☐	286	3.00	38.65	0.34	45.71	ceeds Capac	0 - 10:03 hrs	6.47	6.58	1.18	1.00	-7.06	2.77	3.00	0.37	0.37	0.39	0.28	0.27	2
630	☐	287	2.00	18.26	0.65	14.88	Backwater	0 - 10:17 hrs	4.74	4.74	0.82	1.00	3.38	1.25	2.00	0.61	0.61	0.68	0.00	0.01	5
631	☐	288	2.00	15.17	0.45	14.88	Backwater	0 - 10:17 hrs	4.74	5.40	0.98	1.00	0.29	1.25	2.00	0.52	0.52	0.61	0.00	0.05	3
632	☐	289	2.75	53.30	1.02	26.43	Backwater	0 - 00:01 hrs	5.38	5.38	0.50	1.00	26.87	1.23	2.33	23.94	23.94	23.96	0.00	0.00	78
633	☐	29	3.00	30.53	0.60	8.91	Free Surface	0 - 10:04 hrs	3.77	3.79	0.29	0.37	21.62	0.39	2.89	0.00	0.00	0.00	0.00	0.00	0
634	☐	290	2.00	26.53	1.38	5.70	Backwater	0 - 09:53 hrs	2.16	2.16	0.21	1.00	20.84	0.00	1.98	0.39	0.39	1.00	0.00	0.00	4
635	☐	291	3.00	30.57	0.21	24.07	Backwater	0 - 10:45 hrs	3.53	3.54	0.79	1.00	6.50	2.48	3.00	0.81	0.81	0.89	0.00	0.00	2
636	☐	292	3.00	30.61	0.21	30.12	Backwater	0 - 09:55 hrs	4.47	4.83	0.98	1.00	0.49	2.46	3.00	0.70	0.70	0.81	0.00	0.00	0
637	☐	294	5.50	180.50	0.29	221.71	ceeds Capac	0 - 10:02 hrs	9.45	9.45	1.23	1.00	-41.22	21.01	5.50	0.59	0.61	0.62	0.32	0.24	2

FUTURE CONDITIONS 5-YR 24-HR CONDUITS

		ID	Full Depth (ft)	Full Flow (cfs)	Percent Slope (%)	Maximum Flow (cfs)	Maximum Flow Class	Max.Flow Day-Time (day-time)	Velocity at Maximum Flow (ft/s)	Maximum Velocity (ft/s)	Max.Flow/Fu ll Flow	Max.Depth/F ull Depth	Reserve Capacity (cfs)	Total Flow Volume (MG)	Maximum Top Width (ft)	Both End Surcharge Time (hrs)	Upstream Surcharge Time (hrs)	Downstream Surcharge Time (hrs)	Above Full-Flow Time (hrs)	Capacity Limited Time (hrs)	Instability Index
638	☐	295	4.00	66.66	0.22	88.96	ceeds Capac	0 - 10:03 hrs	7.08	7.08	1.33	1.00	-22.30	5.18	4.00	2.50	2.50	2.67	0.30	0.32	20
639	☐	296	3.00	55.43	0.69	64.16	ceeds Capac	0 - 09:59 hrs	9.08	9.16	1.16	1.00	-8.73	3.48	3.00	0.20	0.20	0.21	0.10	0.08	1
640	☐	297	4.50	75.58	0.15	93.26	ceeds Capac	0 - 10:00 hrs	7.89	8.18	1.23	1.00	-17.67	7.47	4.50	0.46	0.46	0.46	0.12	0.19	3
641	☐	298	3.50	88.51	0.77	37.14	Backwater	0 - 09:59 hrs	5.21	5.21	0.42	1.00	51.37	1.70	3.50	0.33	0.33	0.46	0.00	0.00	1
642	☐	299	3.50	42.16	0.18	48.70	Backwater	0 - 10:04 hrs	6.26	6.97	1.16	1.00	-6.54	5.10	3.50	0.10	0.10	0.11	0.33	0.01	1
643	☐	30	3.00	47.16	0.50	45.18	Free Surface	0 - 10:15 hrs	7.79	7.79	0.96	0.76	1.98	5.13	3.00	0.00	0.00	0.00	0.00	0.00	0
644	☐	300	3.50	81.62	0.66	47.01	Backwater	0 - 10:19 hrs	5.32	6.64	0.58	1.00	34.62	5.09	3.50	0.11	0.11	0.46	0.00	0.00	1
645	☐	301	4.50	90.16	0.21	82.29	Backwater	0 - 10:03 hrs	6.06	6.53	0.91	1.00	7.87	6.78	4.50	0.37	0.37	0.41	0.00	0.00	2
646	☐	302	4.50	99.35	0.26	80.87	Backwater	0 - 10:02 hrs	5.98	6.02	0.81	1.00	18.48	6.78	4.50	0.41	0.41	0.44	0.00	0.00	2
647	☐	303	4.50	75.51	0.15	86.91	Backwater	0 - 10:00 hrs	6.39	6.43	1.15	1.00	-11.39	7.06	4.50	0.45	0.45	0.46	0.08	0.04	3
648	☐	304	4.00	14.36	0.01	38.07	ceeds Capac	0 - 10:03 hrs	6.15	6.25	2.65	1.00	-23.70	1.70	4.00	0.27	0.28	0.27	0.61	0.13	2
649	☐	305	3.50	67.92	0.46	53.55	Free Surface	0 - 10:04 hrs	6.77	6.78	0.79	0.77	14.37	5.47	3.50	0.00	0.00	0.00	0.00	0.00	0
650	☐	306	2.50	34.84	0.72	63.83	ceeds Capac	0 - 09:59 hrs	13.00	13.00	1.83	1.00	-28.99	5.35	2.50	1.22	1.22	1.28	0.67	0.71	5
651	☐	307	2.50	34.80	0.72	33.57	Backwater	0 - 09:53 hrs	6.84	6.84	0.96	1.00	1.23	3.99	2.50	0.93	0.93	1.22	0.00	0.00	6
652	☐	308	2.50	34.81	0.72	33.58	Backwater	0 - 09:53 hrs	6.84	7.97	0.96	1.00	1.23	3.99	2.50	0.70	0.70	0.93	0.00	0.00	4
653	☐	309	2.00	19.19	0.72	23.52	ceeds Capac	0 - 09:52 hrs	7.49	7.49	1.23	1.00	-4.33	3.11	2.00	0.80	0.82	0.85	0.17	0.09	2
654	☐	31	2.00	38.11	2.84	7.22	Free Surface	0 - 10:04 hrs	7.08	7.11	0.19	0.36	30.89	0.30	2.00	0.00	0.00	0.00	0.00	0.00	0
655	☐	310	2.00	19.20	0.72	23.51	ceeds Capac	0 - 09:52 hrs	7.48	7.48	1.22	1.00	-4.31	3.12	2.00	0.76	0.77	0.82	0.15	0.12	3
656	☐	311	3.00	39.31	0.35	30.84	Backwater	0 - 09:59 hrs	4.36	6.01	0.78	1.00	8.47	3.12	3.00	0.81	0.81	0.95	0.00	0.01	5
657	☐	312	3.00	32.26	0.23	29.08	Backwater	0 - 09:53 hrs	4.47	5.36	0.90	1.00	3.18	2.84	3.00	0.69	0.69	0.81	0.00	0.00	4
658	☐	313	3.00	31.49	0.22	34.13	Backwater	0 - 09:55 hrs	5.43	5.46	1.08	1.00	-2.64	2.84	3.00	0.63	0.63	0.69	0.01	0.00	4
659	☐	314	2.50	92.75	5.11	87.80	Free Surface	0 - 09:59 hrs	21.49	21.49	0.95	0.78	4.95	4.81	2.50	0.00	0.00	0.00	0.00	0.00	0
660	☐	315	2.50	40.85	0.99	30.62	Backwater	0 - 10:10 hrs	6.24	6.77	0.75	1.00	10.23	2.03	2.50	0.40	0.40	0.45	0.00	0.01	1
661	☐	316	2.25	22.68	0.54	33.34	ceeds Capac	0 - 10:03 hrs	8.39	8.39	1.47	1.00	-10.66	1.72	2.25	0.25	0.28	0.25	0.32	0.25	0
662	☐	317	2.25	23.82	0.59	26.54	ceeds Capac	0 - 10:06 hrs	6.68	6.68	1.11	1.00	-2.72	1.40	2.25	0.25	0.25	0.28	0.17	0.18	1
663	☐	318	6.50	235.08	0.20	219.85	Free Surface	0 - 10:08 hrs	6.74	7.85	0.94	0.95	15.23	17.60	6.50	0.00	0.00	0.00	0.00	0.00	0
664	☐	319	7.00	498.96	0.61	433.95	Free Surface	0 - 10:11 hrs	12.05	12.05	0.87	0.88	65.01	47.02	6.99	0.00	0.00	1.37	0.00	0.00	0
665	☐	32	2.50	34.62	0.71	26.18	Backwater	0 - 10:12 hrs	5.33	5.78	0.76	1.00	8.43	5.14	2.50	0.84	0.84	1.30	0.00	0.00	6
666	☐	320	6.50	1,324.50	6.38	415.59	Free Surface	0 - 10:11 hrs	19.73	20.80	0.31	0.61	908.92	45.76	6.50	0.00	0.00	0.00	0.00	0.00	0
667	☐	323	6.50	906.48	2.99	415.59	Free Surface	0 - 10:11 hrs	21.30	22.22	0.46	0.57	490.89	45.76	6.50	0.00	0.00	0.00	0.00	0.00	0
668	☐	327	6.50	389.40	0.55	423.36	Free Surface	0 - 10:07 hrs	13.26	13.51	1.09	0.93	-33.96	45.72	6.50	0.00	0.00	0.00	0.36	0.00	0
669	☐	33	1.50	7.34	0.65	7.54	Free Surface	0 - 09:59 hrs	4.88	4.89	1.03	0.82	-0.21	0.30	1.50	0.00	0.00	0.00	0.01	0.00	0
670	☐	331	6.50	416.85	0.63	425.88	Free Surface	0 - 10:04 hrs	13.82	14.41	1.02	0.89	-9.03	45.83	6.50	0.00	0.00	0.00	0.12	0.00	0
671	☐	332	3.00	41.29	0.38	42.29	Backwater	0 - 09:56 hrs	6.24	6.97	1.02	1.00	-1.00	3.74	3.00	0.84	0.84	0.95	0.01	0.05	5
672	☐	333	2.50	4.10	0.01	35.75	Backwater	0 - 09:59 hrs	7.28	7.28	8.71	1.00	-31.64	5.92	2.50	1.69	1.69	2.75	20.53	0.00	15
673	☐	334	2.50	18.09	0.19	35.75	Backwater	0 - 09:59 hrs	7.28	7.28	1.98	1.00	-17.66	5.92	2.50	2.80	2.80	2.93	3.19	0.08	20
674	☐	335	2.50	4.10	0.01	18.12	Backwater	0 - 10:07 hrs	3.69	3.69	4.42	1.00	-14.01	0.98	2.50	19.93	19.93	19.96	1.42	5.69	69
675	☐	336	4.00	27.11	0.04	98.51	ceeds Capac	0 - 09:59 hrs	7.84	7.84	3.63	1.00	-71.40	6.84	4.00	0.81	0.84	0.81	1.64	0.67	6
676	☐	337	3.50	40.29	0.16	31.50	Backwater	0 - 10:38 hrs	3.27	3.27	0.78	1.00	8.79	4.00	3.50	3.59	3.59	6.15	0.00	0.05	39
677	☐	338	2.50	16.69	0.17	19.33	ceeds Capac	0 - 09:57 hrs	3.94	3.94	1.16	1.00	-2.65	1.77	2.50	0.86	0.86	0.87	0.53	0.45	7
678	☐	339	4.50	76.04	0.15	124.07	ceeds Capac	0 - 10:03 hrs	7.88	8.90	1.63	1.00	-48.02	6.15	4.50	0.18	0.18	0.18	0.31	0.11	1
679	☐	34	3.00	17.48	0.07	24.31	ceeds Capac	0 - 10:21 hrs	3.44	3.47	1.39	1.00	-6.83	2.38	2.99	23.65	23.65	23.69	0.74	0.80	33
680	☐	340	3.00	37.05	0.31	45.70	ceeds Capac	0 - 10:03 hrs	6.46	6.46	1.23	1.00	-8.65	2.77	3.00	0.33	0.33	0.37	0.30	0.29	2
681	☐	341	2.25	31.37	1.03	21.24	Backwater	0 - 10:08 hrs	5.34	6.41	0.68	1.00	10.13	1.30	2.25	0.36	0.36	0.39	0.00	0.05	1
682	☐	342	4.00	87.19	1.06	142.21	Free Surface	0 - 10:04 hrs	11.59	11.59	1.63	0.94	-55.02	8.50	4.00	0.00	0.22	0.00	0.41	0.00	0
683	☐	343	3.00	60.48	0.82	68.83	Free Surface	0 - 10:03 hrs	9.98	9.98	1.14	0.94	-8.35	5.00	3.00	0.00	0.11	0.00	0.23	0.00	0
684	☐	344	3.00	48.98	0.54	46.09	Free Surface	0 - 10:07 hrs	6.88	7.46	0.94	0.92	2.89	3.81	3.00	0.00	0.00	0.11	0.00	0.00	0
685	☐	345	3.00	53.10	0.63	28.54	Free Surface	0 - 10:00 hrs	5.94	6.15	0.54	0.68	24.56	2.32	3.00	0.00	0.00	0.00	0.00	0.00	0
686	☐	347	5.00	163.50	1.13	184.69	Free Surface	0 - 10:03 hrs	12.08	12.08	1.13	0.73	-21.19	14.00	5.00	0.00	0.25	0.00	0.30	0.00	0

FUTURE CONDITIONS 5-YR 24-HR CONDUITS

		ID	Full Depth (ft)	Full Flow (cfs)	Percent Slope (%)	Maximum Flow (cfs)	Maximum Flow Class	Max.Flow Day-Time (day-time)	Velocity at Maximum Flow (ft/s)	Maximum Velocity (ft/s)	Max.Flow/Fu ll Flow	Max.Depth/F ull Depth	Reserve Capacity (cfs)	Total Flow Volume (MG)	Maximum Top Width (ft)	Both End Surcharge Time (hrs)	Upstream Surcharge Time (hrs)	Downstream Surcharge Time (hrs)	Above Full-Flow Time (hrs)	Capacity Limited Time (hrs)	Instability Index
687	☐	348	3.50	55.39	0.87	79.57	ceeds Capac	0 - 09:56 hrs	8.34	8.59	1.44	1.00	-24.18	5.89	3.50	0.35	0.44	0.35	0.62	0.35	2
688	☐	349	2.25	29.68	0.92	39.74	ceeds Capac	0 - 10:17 hrs	10.00	10.05	1.34	1.00	-10.06	3.26	2.25	0.37	0.62	0.37	0.69	0.37	2
689	☐	35	4.50	82.26	0.18	88.42	ceeds Capac	0 - 10:03 hrs	5.56	5.56	1.07	1.00	-6.16	12.82	4.50	14.52	14.52	14.79	0.30	0.42	52
690	☐	350	1.50	14.96	2.70	7.72	Backwater	0 - 09:56 hrs	4.61	4.63	0.52	1.00	7.24	0.00	1.50	0.55	0.55	0.64	0.00	0.00	7
691	☐	351	3.50	57.28	0.93	79.57	ceeds Capac	0 - 09:56 hrs	8.27	8.27	1.39	1.00	-22.29	5.89	3.50	0.44	0.50	0.44	0.60	0.44	1
692	☐	352	3.50	96.03	0.91	87.38	Backwater	0 - 10:03 hrs	9.08	9.08	0.91	1.00	8.65	5.96	3.50	0.50	0.51	0.53	0.00	0.05	1
693	☐	353	4.50	152.34	0.60	160.46	ceeds Capac	0 - 10:03 hrs	10.09	10.09	1.05	1.00	-8.12	12.92	4.50	0.25	0.25	0.41	0.20	0.17	0
694	☐	354	3.50	84.00	2.00	81.23	Backwater	0 - 09:57 hrs	8.48	8.48	0.97	1.00	2.78	5.89	3.50	0.35	0.35	0.38	0.00	0.03	2
695	☐	355	3.50	50.22	0.25	60.89	ceeds Capac	0 - 10:03 hrs	6.33	6.33	1.21	1.00	-10.67	4.02	3.35	0.64	0.64	2.26	0.33	0.33	11
696	☐	356	3.50	85.20	0.72	60.90	Backwater	0 - 10:03 hrs	6.33	6.33	0.71	1.00	24.30	4.03	3.47	0.60	0.60	0.64	0.00	0.06	14
697	☐	357	3.50	68.50	0.46	48.82	Backwater	0 - 10:11 hrs	5.07	5.07	0.71	1.00	19.68	3.38	3.50	0.45	0.45	0.60	0.00	0.00	14
698	☐	358	3.00	50.05	0.56	48.84	Backwater	0 - 10:11 hrs	6.91	6.91	0.98	1.00	1.21	3.39	3.00	0.44	0.44	0.50	0.00	0.11	11
699	☐	359	3.00	30.13	0.20	48.83	ceeds Capac	0 - 10:11 hrs	6.91	6.91	1.62	1.00	-18.70	3.40	3.00	0.44	0.49	0.44	0.62	0.44	8
700	☐	360	3.00	13.51	0.04	48.85	ceeds Capac	0 - 10:11 hrs	6.91	6.91	3.62	1.00	-35.34	3.40	3.00	0.46	0.52	0.46	1.58	0.46	3
701	☐	361	3.00	18.72	0.08	48.83	ceeds Capac	0 - 10:11 hrs	6.91	6.91	2.61	1.00	-30.12	3.40	3.00	0.47	0.48	0.47	1.02	0.43	4
702	☐	362	3.00	33.26	0.25	48.84	ceeds Capac	0 - 10:11 hrs	6.91	6.91	1.47	1.00	-15.58	3.40	3.00	0.48	0.49	0.48	0.57	0.47	3
703	☐	363	3.00	48.85	0.54	39.44	Backwater	0 - 10:11 hrs	5.58	5.58	0.81	1.00	9.41	2.71	3.00	0.39	0.39	0.49	0.00	0.00	2
704	☐	364	2.25	19.82	0.41	21.24	ceeds Capac	0 - 10:08 hrs	5.34	5.34	1.07	1.00	-1.42	1.30	2.25	0.39	0.39	0.39	0.08	0.18	1
705	☐	365	3.00	59.70	0.80	45.70	Backwater	0 - 10:03 hrs	6.47	7.40	0.77	1.00	14.00	2.77	3.00	0.31	0.31	0.33	0.00	0.06	1
706	☐	366	2.25	31.61	1.04	26.87	Backwater	0 - 10:04 hrs	6.76	8.51	0.85	1.00	4.74	1.34	2.25	0.24	0.24	0.36	0.00	0.00	0
707	☐	367	2.00	35.55	2.47	26.87	Free Surface	0 - 10:03 hrs	9.42	11.97	0.76	0.85	8.68	1.34	2.00	0.00	0.00	0.24	0.00	0.00	0
708	☐	368	2.00	4.64	0.12	58.24	Backwater	0 - 00:00 hrs	10.86	10.86	6.27	1.00	-53.60	19.78	0.78	24.00	24.00	24.00	24.00	0.00	0
709	☐	37	3.50	46.74	0.22	30.59	Backwater	0 - 10:00 hrs	3.18	3.18	0.65	1.00	16.15	7.86	3.50	19.31	19.31	19.70	0.00	0.00	21
710	☐	370	5.00	99.99	0.42	320.97	ceeds Capac	0 - 10:04 hrs	16.35	16.35	3.21	1.00	-220.98	22.38	5.00	17.20	17.20	17.49	1.60	1.69	68
711	☐	372	3.00	91.62	1.89	90.90	Backwater	0 - 10:03 hrs	12.86	12.86	0.99	1.00	0.72	6.91	3.00	14.15	14.15	18.18	0.00	0.02	57
712	☐	373	3.00	102.13	2.34	90.89	Backwater	0 - 10:03 hrs	12.86	12.86	0.89	1.00	11.24	6.92	3.00	1.08	1.08	14.12	0.00	0.00	60
713	☐	374	3.00	94.52	2.01	9.37	Backwater	0 - 09:57 hrs	1.91	1.91	0.10	1.00	85.15	0.01	3.00	0.20	0.20	0.98	0.00	0.00	4
714	☐	375	3.00	83.84	1.58	90.89	ceeds Capac	0 - 10:03 hrs	12.86	13.59	1.08	1.00	-7.05	6.92	3.00	0.45	0.45	0.85	0.22	0.20	2
715	☐	376	3.00	76.52	1.32	90.88	ceeds Capac	0 - 10:03 hrs	12.86	12.93	1.19	1.00	-14.36	6.93	3.00	0.40	0.40	0.44	0.32	0.30	1
716	☐	377	3.00	59.36	0.79	79.20	ceeds Capac	0 - 10:07 hrs	11.20	11.20	1.33	1.00	-19.83	6.42	3.00	0.37	0.39	0.37	0.48	0.37	2
717	☐	378	2.00	70.66	9.76	21.64	Free Surface	0 - 09:59 hrs	9.35	9.35	0.31	0.69	49.02	1.06	2.00	0.00	0.00	0.45	0.00	0.00	0
718	☐	379	2.00	37.37	2.73	21.48	Free Surface	0 - 10:03 hrs	12.30	12.30	0.57	0.54	15.89	1.06	2.00	0.00	0.00	0.00	0.00	0.00	0
719	☐	38	6.00	182.12	0.18	123.94	Backwater	0 - 10:03 hrs	4.38	4.38	0.68	1.00	58.18	6.51	5.79	19.76	19.76	24.00	0.00	0.00	7
720	☐	380	3.00	76.52	1.32	62.47	Backwater	0 - 09:59 hrs	9.84	10.65	0.82	1.00	14.05	5.37	3.00	0.30	0.30	0.33	0.00	0.00	1
721	☐	381	3.00	49.13	0.54	64.54	ceeds Capac	0 - 09:59 hrs	9.16	9.23	1.31	1.00	-15.40	5.37	3.00	0.29	0.31	0.29	0.46	0.28	1
722	☐	382	3.00	62.05	0.87	63.14	ceeds Capac	0 - 09:59 hrs	9.24	9.24	1.02	1.00	-1.09	5.37	3.00	0.27	0.27	0.31	0.03	0.03	1
723	☐	383	3.00	85.38	1.64	65.88	Backwater	0 - 10:04 hrs	9.32	11.43	0.77	1.00	19.50	5.39	3.00	0.21	0.21	0.27	0.00	0.00	1
724	☐	384	3.00	104.54	2.46	65.89	Backwater	0 - 10:04 hrs	9.32	15.03	0.63	1.00	38.65	5.39	3.00	0.11	0.11	0.20	0.00	0.00	1
725	☐	385	3.00	50.03	0.56	28.63	Free Surface	0 - 09:59 hrs	7.29	7.30	0.57	0.54	21.40	2.32	3.00	0.00	0.00	0.00	0.00	0.00	0
726	☐	39	3.50	48.16	0.23	56.65	ceeds Capac	0 - 10:03 hrs	5.89	5.89	1.18	1.00	-8.49	2.88	3.50	0.37	0.37	0.46	0.06	0.06	1
727	☐	390	1.25	2.03	0.13	6.10	ceeds Capac	0 - 09:51 hrs	5.04	5.10	3.00	1.00	-4.07	0.87	1.25	0.94	2.83	0.94	4.63	0.94	14
728	☐	391	2.25	17.40	0.32	24.01	ceeds Capac	0 - 10:00 hrs	6.04	6.04	1.38	1.00	-6.61	1.37	2.25	0.32	0.32	0.34	0.31	0.28	1
729	☐	392	2.50	29.40	0.51	24.00	Backwater	0 - 10:06 hrs	4.89	5.61	0.82	1.00	5.40	1.37	2.50	0.29	0.29	0.57	0.00	0.00	2
730	☐	393	2.00	11.57	0.26	7.40	Backwater	0 - 09:59 hrs	2.36	2.36	0.64	1.00	4.17	0.30	2.00	0.62	0.62	0.85	0.00	0.00	4
731	☐	394	2.25	13.41	0.19	24.00	ceeds Capac	0 - 10:00 hrs	6.03	6.03	1.79	1.00	-10.58	1.37	2.25	0.32	0.34	0.32	0.51	0.32	1
732	☐	395	2.00	14.37	0.40	17.07	ceeds Capac	0 - 10:03 hrs	6.00	6.37	1.19	1.00	-2.71	0.71	2.00	0.21	0.21	0.41	0.06	0.02	0
733	☐	396	4.00	142.14	0.98	34.30	Free Surface	0 - 10:04 hrs	9.39	9.39	0.24	0.33	107.84	1.65	3.77	0.00	0.00	0.00	0.00	0.00	0
734	☐	397	4.00	76.44	0.81	68.66	Free Surface	0 - 10:04 hrs	8.11	8.11	0.90	0.64	7.77	5.00	4.00	0.00	0.00	0.00	0.00	0.00	0
735	☐	398	4.00	210.07	2.14	106.17	Free Surface	0 - 10:04 hrs	10.48	10.48	0.51	0.75	103.90	6.80	4.00	0.00	0.00	0.22	0.00	0.00	0

FUTURE CONDITIONS 5-YR 24-HR CONDUITS

		ID	Full Depth (ft)	Full Flow (cfs)	Percent Slope (%)	Maximum Flow (cfs)	Maximum Flow Class	Max.Flow Day-Time (day-time)	Velocity at Maximum Flow (ft/s)	Maximum Velocity (ft/s)	Max.Flow/Fu ll Flow	Max.Depth/F ull Depth	Reserve Capacity (cfs)	Total Flow Volume (MG)	Maximum Top Width (ft)	Both End Surcharge Time (hrs)	Upstream Surcharge Time (hrs)	Downstream Surcharge Time (hrs)	Above Full-Flow Time (hrs)	Capacity Limited Time (hrs)	Instability Index
736	☐	399	4.00	152.58	1.13	34.07	Free Surface	0 - 10:04 hrs	9.78	9.78	0.22	0.32	118.51	1.65	3.94	0.00	0.00	0.00	0.00	0.00	0
737	☐	4	3.50	17.13	0.03	106.16	ceeds Capac	0 - 00:00 hrs	11.09	11.09	6.20	1.00	-89.03	6.01	2.02	23.97	23.97	24.00	2.74	2.84	7
738	☐	40	4.50	118.51	0.36	125.19	ceeds Capac	0 - 10:00 hrs	7.87	8.80	1.06	1.00	-6.68	23.61	4.50	1.36	1.36	1.50	0.03	0.03	5
739	☐	400	2.00	25.79	1.30	17.51	Free Surface	0 - 10:03 hrs	8.82	8.82	0.68	0.60	8.29	0.82	2.00	0.00	0.00	0.00	0.00	0.00	0
740	☐	401	2.00	31.16	1.90	18.83	Free Surface	0 - 10:03 hrs	9.91	10.30	0.60	0.58	12.33	0.88	2.00	0.00	0.00	0.00	0.00	0.00	0
741	☐	402	2.00	37.59	2.76	18.84	Free Surface	0 - 10:03 hrs	11.97	11.97	0.50	0.50	18.75	0.88	2.00	0.00	0.00	0.00	0.00	0.00	0
742	☐	403	2.00	35.69	2.49	18.73	Free Surface	0 - 10:04 hrs	10.17	10.32	0.52	0.57	16.96	0.88	2.00	0.00	0.00	0.00	0.00	0.00	0
743	☐	404	2.25	41.01	1.75	0.59	Backwater	0 - 09:56 hrs	0.15	0.15	0.01	1.00	40.42	0.00	2.25	0.87	0.87	1.33	0.00	0.00	11
744	☐	405	2.25	24.41	0.62	38.12	ceeds Capac	0 - 09:59 hrs	9.59	9.59	1.56	1.00	-13.72	2.72	2.25	3.49	3.49	4.61	0.59	0.53	17
745	☐	406	4.00	93.22	0.42	144.03	ceeds Capac	0 - 10:00 hrs	11.46	11.46	1.55	1.00	-50.81	12.95	4.00	0.52	0.54	0.53	0.57	0.40	3
746	☐	407	4.50	109.82	0.31	143.28	ceeds Capac	0 - 10:00 hrs	9.45	9.49	1.30	1.00	-33.46	12.95	4.50	0.45	0.46	0.46	0.24	0.15	3
747	☐	408	4.50	147.35	0.56	140.00	Backwater	0 - 10:00 hrs	8.95	9.24	0.95	1.00	7.35	12.96	4.50	0.49	0.49	0.54	0.00	0.01	3
748	☐	409	5.00	77.24	0.09	139.44	ceeds Capac	0 - 10:00 hrs	7.76	8.24	1.81	1.00	-62.20	12.95	5.00	0.47	0.47	0.47	0.77	0.39	3
749	☐	41	5.00	152.20	0.34	193.53	ceeds Capac	0 - 09:59 hrs	9.86	9.86	1.27	1.00	-41.33	25.07	5.00	0.80	0.89	0.80	1.33	0.80	6
750	☐	410	5.00	176.19	0.46	137.25	Backwater	0 - 10:00 hrs	7.44	8.21	0.78	1.00	38.94	12.95	5.00	0.47	0.47	0.52	0.00	0.00	3
751	☐	411	5.50	215.45	0.41	230.49	Backwater	0 - 10:00 hrs	10.69	10.77	1.07	1.00	-15.03	21.01	5.50	0.49	0.49	0.59	0.04	0.00	2
752	☐	412	5.50	310.04	0.85	234.09	Backwater	0 - 10:00 hrs	10.01	10.96	0.76	1.00	75.95	21.01	5.50	0.58	0.59	0.61	0.00	0.10	3
753	☐	413	5.50	184.15	0.30	206.44	ceeds Capac	0 - 10:02 hrs	8.87	9.17	1.12	1.00	-22.30	21.00	5.50	0.62	0.62	0.66	0.23	0.19	2
754	☐	414	2.00	31.58	5.58	9.85	Backwater	0 - 10:03 hrs	3.14	4.21	0.31	1.00	21.73	0.43	2.00	0.35	0.35	1.58	0.00	0.00	2
755	☐	415	2.00	9.34	0.49	10.15	ceeds Capac	0 - 10:03 hrs	4.51	5.29	1.09	1.00	-0.81	0.42	2.00	0.33	0.33	0.35	0.02	0.02	2
756	☐	416	4.00	115.59	0.55	113.57	Backwater	0 - 10:03 hrs	9.04	9.04	0.98	1.00	2.02	6.34	3.99	3.52	3.53	3.86	0.00	0.04	22
757	☐	417	4.00	25.10	0.03	113.62	ceeds Capac	0 - 10:02 hrs	9.04	9.06	4.53	1.00	-88.52	6.34	4.00	3.32	3.36	3.33	1.39	1.84	23
758	☐	418	4.50	136.92	0.48	126.83	Backwater	0 - 10:03 hrs	7.97	9.84	0.93	1.00	10.09	6.49	4.50	0.19	0.19	0.28	0.00	0.00	0
759	☐	419	2.00	29.93	1.75	116.12	ceeds Capac	0 - 12:29 hrs	66.40	72.05	3.88	1.00	-86.19	6.29	2.00	0.33	1.90	0.54	2.09	0.18	1
760	☐	42	4.00	50.70	0.12	95.72	ceeds Capac	0 - 09:56 hrs	7.72	7.76	1.89	1.00	-45.02	18.98	4.00	1.35	1.39	1.35	3.66	1.04	6
761	☐	420	3.00	95.63	2.06	3.18	Backwater	0 - 10:03 hrs	0.45	0.57	0.03	1.00	92.45	0.00	3.00	0.35	0.35	0.47	0.00	0.00	4
762	☐	421	3.00	132.41	3.94	59.76	Backwater	0 - 12:29 hrs	17.10	17.10	0.45	1.00	72.65	6.31	3.00	0.15	0.15	0.45	0.00	0.00	1
763	☐	422	4.50	135.52	0.47	143.82	ceeds Capac	0 - 10:00 hrs	9.04	9.04	1.06	1.00	-8.30	12.95	4.50	0.47	0.47	0.49	0.05	0.05	3
764	☐	423	4.50	147.25	0.56	142.88	Backwater	0 - 10:00 hrs	9.59	10.27	0.97	1.00	4.37	12.77	4.50	0.30	0.30	0.44	0.00	0.00	2
765	☐	424	4.50	144.21	0.54	87.45	Backwater	0 - 10:00 hrs	5.98	6.99	0.61	1.00	56.76	7.47	4.50	0.46	0.46	0.58	0.00	0.00	3
766	☐	425	2.00	10.86	0.23	35.51	ceeds Capac	0 - 09:57 hrs	11.30	11.30	3.27	1.00	-24.64	2.11	2.00	0.25	0.83	0.25	1.04	0.25	0
767	☐	426	1.75	6.48	0.22	9.81	ceeds Capac	0 - 10:41 hrs	4.08	4.08	1.51	1.00	-3.33	3.49	1.72	22.30	22.30	23.80	1.76	1.78	56
768	☐	427	1.75	4.84	0.12	7.98	ceeds Capac	0 - 10:41 hrs	3.32	3.32	1.65	1.00	-3.14	0.96	1.74	22.71	22.71	23.87	1.35	1.35	28
769	☐	428	2.00	5.22	0.05	11.69	ceeds Capac	0 - 00:06 hrs	4.33	5.63	2.24	1.00	-6.47	0.98	1.78	23.86	23.86	23.92	1.36	1.57	61
770	☐	429	2.00	12.74	0.32	21.02	Backwater	0 - 00:03 hrs	6.94	8.12	1.65	1.00	-8.28	1.00	1.39	23.95	23.95	23.96	0.03	0.00	65
771	☐	43	3.33	62.69	0.50	48.92	Backwater	0 - 00:00 hrs	5.82	5.92	0.78	1.00	13.76	2.09	1.88	0.01	0.01	24.00	0.00	0.01	2
772	☐	430	4.50	53.26	0.07	59.29	ceeds Capac	0 - 10:03 hrs	3.73	4.71	1.11	1.00	-6.03	4.94	4.47	2.62	2.62	23.79	0.41	0.39	10
773	☐	431	2.00	11.40	0.25	16.87	ceeds Capac	0 - 09:59 hrs	5.37	5.37	1.48	1.00	-5.47	0.81	2.00	1.14	1.14	23.71	0.27	0.27	3
774	☐	432	3.50	20.12	0.04	53.97	ceeds Capac	0 - 10:02 hrs	5.61	5.65	2.68	1.00	-33.85	8.76	3.48	23.87	23.87	23.89	3.27	3.27	63
775	☐	433	3.00	27.27	0.17	28.71	Backwater	0 - 00:07 hrs	5.23	5.32	1.05	1.00	-1.43	5.14	3.00	23.84	23.84	23.89	0.01	0.00	64
776	☐	434	3.00	50.61	0.58	22.26	Backwater	0 - 10:42 hrs	3.15	4.57	0.44	1.00	28.35	5.16	2.98	23.84	23.84	23.84	0.00	0.18	78
777	☐	436	3.00	25.35	0.14	24.31	Backwater	0 - 10:21 hrs	3.44	3.44	0.96	1.00	1.04	2.35	2.96	23.69	23.69	23.78	0.00	0.05	36
778	☐	437	3.00	30.56	0.21	48.30	ceeds Capac	0 - 09:55 hrs	6.83	6.83	1.58	1.00	-17.74	4.58	3.00	0.84	0.89	0.84	0.63	0.46	2
779	☐	438	3.50	37.58	0.14	55.42	ceeds Capac	0 - 00:03 hrs	6.17	6.17	1.47	1.00	-17.84	8.73	3.45	23.91	23.91	23.93	1.10	1.12	77
780	☐	439	2.50	23.23	0.32	30.36	Backwater	0 - 00:02 hrs	6.66	6.66	1.31	1.00	-7.13	1.01	0.98	23.96	23.96	23.97	0.01	0.00	65
781	☐	44	1.75	9.51	0.48	7.91	Free Surface	0 - 10:07 hrs	3.49	4.21	0.83	0.98	1.60	0.33	1.75	0.00	0.00	0.26	0.00	0.00	0
782	☐	440	2.50	16.98	0.17	43.24	ceeds Capac	0 - 00:01 hrs	9.04	9.04	2.55	1.00	-26.26	1.01	1.48	23.97	23.98	23.97	0.03	0.02	67
783	☐	441	2.50	31.55	0.59	63.61	Backwater	0 - 00:01 hrs	15.27	15.27	2.02	1.00	-32.06	1.02	0.98	23.98	23.98	23.99	0.02	0.00	67
784	☐	442	2.50	18.59	0.21	31.08	ceeds Capac	0 - 00:02 hrs	6.56	16.12	1.67	1.00	-12.50	1.00	2.25	23.96	23.96	23.96	0.01	0.36	70

FUTURE CONDITIONS 5-YR 24-HR CONDUITS

		ID	Full Depth (ft)	Full Flow (cfs)	Percent Slope (%)	Maximum Flow (cfs)	Maximum Flow Class	Max.Flow Day-Time (day-time)	Velocity at Maximum Flow (ft/s)	Maximum Velocity (ft/s)	Max.Flow/Fu ll Flow	Max.Depth/F ull Depth	Reserve Capacity (cfs)	Total Flow Volume (MG)	Maximum Top Width (ft)	Both End Surcharge Time (hrs)	Upstream Surcharge Time (hrs)	Downstream Surcharge Time (hrs)	Above Full-Flow Time (hrs)	Capacity Limited Time (hrs)	Instability Index
785	☐	443	2.00	10.73	0.23	13.48	Backwater	0 - 00:04 hrs	4.59	6.49	1.26	1.00	-2.75	0.99	1.92	23.92	23.92	23.95	0.08	0.00	61
786	☐	444	4.00	95.28	0.44	25.55	Backwater	0 - 00:04 hrs	2.95	2.96	0.27	1.00	69.73	1.09	3.98	1.53	1.53	23.93	0.00	0.00	86
787	☐	445	4.00	100.14	0.49	51.01	Backwater	0 - 00:03 hrs	4.50	4.60	0.51	1.00	49.13	1.05	3.86	23.92	23.92	23.97	0.00	0.00	92
788	☐	446	2.00	22.65	1.00	14.25	Backwater	0 - 10:04 hrs	4.53	4.53	0.63	1.00	8.40	0.64	1.64	0.33	0.33	23.98	0.00	0.00	44
789	☐	447	2.00	22.23	0.97	28.61	Backwater	0 - 00:01 hrs	9.43	9.43	1.29	1.00	-6.38	0.63	0.78	23.98	23.98	23.98	0.00	0.00	63
790	☐	448	2.00	26.24	1.35	54.04	Backwater	0 - 00:00 hrs	17.20	17.20	2.06	1.00	-27.80	0.63	0.78	23.99	23.99	23.99	0.00	0.00	69
791	☐	449	5.00	57.62	0.05	361.82	ceeds Capac	0 - 00:00 hrs	18.43	18.43	6.28	1.00	-304.20	15.74	1.96	23.99	23.99	24.00	2.10	1.93	45
792	☐	45	1.75	9.69	0.50	8.26	Free Surface	0 - 09:59 hrs	4.79	4.79	0.85	0.74	1.43	0.33	1.75	0.00	0.00	0.00	0.00	0.00	0
793	☐	450	5.00	158.38	0.37	165.01	ceeds Capac	0 - 09:59 hrs	8.40	8.50	1.04	1.00	-6.63	15.12	1.96	23.96	23.96	23.99	0.28	0.27	14
794	☐	451	5.00	105.80	0.17	130.90	ceeds Capac	0 - 10:12 hrs	6.67	6.67	1.24	1.00	-25.09	12.65	4.94	23.91	23.91	23.93	0.61	0.60	84
795	☐	452	5.00	99.96	0.15	115.28	ceeds Capac	0 - 10:12 hrs	5.87	5.87	1.15	1.00	-15.33	11.44	4.98	1.54	1.54	1.98	0.50	0.49	8
796	☐	453	5.00	122.14	0.22	115.28	Backwater	0 - 10:12 hrs	5.87	5.87	0.94	1.00	6.85	11.48	5.00	1.24	1.24	1.54	0.00	0.05	9
797	☐	454	5.00	111.77	0.18	115.29	ceeds Capac	0 - 10:12 hrs	5.87	5.87	1.03	1.00	-3.52	11.35	4.97	2.48	2.48	23.84	0.14	0.21	27
798	☐	455	5.00	134.73	0.27	130.90	Backwater	0 - 10:12 hrs	6.67	6.67	0.97	1.00	3.83	12.70	4.95	23.81	23.81	23.91	0.00	0.05	80
799	☐	456	2.00	22.05	0.95	18.87	Backwater	0 - 09:55 hrs	6.01	6.01	0.86	1.00	3.18	1.43	1.91	23.82	23.82	23.92	0.00	0.00	82
800	☐	457	2.00	8.44	0.14	18.89	Backwater	0 - 09:55 hrs	6.01	6.01	2.24	1.00	-10.45	1.44	2.00	23.82	23.82	23.82	0.96	4.68	90
801	☐	458	2.00	12.96	0.33	18.89	ceeds Capac	0 - 09:55 hrs	6.01	6.01	1.46	1.00	-5.92	1.44	2.00	2.06	2.06	23.78	0.55	0.57	73
802	☐	459	2.00	16.25	0.52	18.90	ceeds Capac	0 - 09:55 hrs	6.02	6.02	1.16	1.00	-2.65	1.45	2.00	1.39	1.39	2.11	0.09	0.10	10
803	☐	46	1.50	1.02	0.01	8.05	Backwater	0 - 09:49 hrs	4.56	4.56	7.88	1.00	-7.03	0.94	1.50	1.88	1.88	2.07	11.67	0.00	13
804	☐	460	2.00	29.83	1.74	4.67	Backwater	0 - 09:53 hrs	1.61	1.62	0.16	1.00	25.16	0.00	2.00	0.54	0.54	1.33	0.00	0.00	9
805	☐	461	3.50	29.22	0.08	59.23	ceeds Capac	0 - 00:03 hrs	6.39	6.74	2.03	1.00	-30.01	8.69	1.37	23.93	23.93	24.00	1.64	1.54	72
806	☐	462	1.50	6.06	0.44	7.87	Free Surface	0 - 09:59 hrs	4.86	4.86	1.30	0.87	-1.81	0.30	1.50	0.00	0.12	0.00	0.17	0.00	0
807	☐	463	2.50	36.88	0.81	32.43	Backwater	0 - 10:04 hrs	6.61	6.61	0.88	1.00	4.45	5.43	0.98	2.67	2.67	24.00	0.00	0.00	2
808	☐	464	1.25	3.58	0.41	7.48	ceeds Capac	0 - 09:52 hrs	6.10	6.10	2.09	1.00	-3.91	0.67	1.25	1.03	1.03	1.21	1.08	1.01	2
809	☐	465	1.50	5.14	0.32	7.49	ceeds Capac	0 - 09:52 hrs	4.24	4.24	1.46	1.00	-2.35	0.67	1.50	0.90	0.90	1.27	0.70	0.69	5
810	☐	466	1.75	11.91	0.75	12.85	Backwater	0 - 00:01 hrs	7.62	7.78	1.08	1.00	-0.93	0.67	0.69	0.77	0.77	23.98	0.00	0.00	5
811	☐	467	5.00	135.22	0.27	148.73	Backwater	0 - 00:01 hrs	7.74	7.79	1.10	1.00	-13.51	9.82	1.96	23.96	23.96	24.00	0.01	0.00	0
812	☐	468	5.00	158.88	0.37	115.01	Backwater	0 - 10:08 hrs	5.86	5.86	0.72	1.00	43.86	9.21	4.94	0.07	0.07	23.96	0.00	0.00	0
813	☐	469	5.00	123.46	0.22	59.84	Free Surface	0 - 10:08 hrs	3.14	4.47	0.48	0.93	63.62	3.49	5.00	0.00	0.00	0.07	0.00	0.00	0
814	☐	47	1.50	5.97	0.43	8.05	ceeds Capac	0 - 09:49 hrs	4.56	4.56	1.35	1.00	-2.08	0.94	1.50	1.75	1.75	2.07	0.23	0.31	9
815	☐	470	5.00	124.54	0.23	59.32	Free Surface	0 - 10:08 hrs	3.53	3.55	0.48	0.80	65.22	3.52	5.00	0.00	0.00	0.00	0.00	0.00	0
816	☐	471	5.00	115.86	0.20	60.28	Free Surface	0 - 10:07 hrs	4.30	4.60	0.52	0.68	55.58	3.53	5.00	0.00	0.00	0.00	0.00	0.00	0
817	☐	472	5.00	123.91	0.23	61.68	Free Surface	0 - 10:06 hrs	5.27	5.71	0.50	0.58	62.23	3.53	5.00	0.00	0.00	0.00	0.00	0.00	0
818	☐	473	5.00	130.84	0.25	62.82	Free Surface	0 - 10:04 hrs	6.28	6.35	0.48	0.51	68.02	3.54	5.00	0.00	0.00	0.00	0.00	0.00	0
819	☐	474	5.00	170.10	0.43	63.02	Free Surface	0 - 10:04 hrs	7.43	7.44	0.37	0.45	107.08	3.54	4.99	0.00	0.00	0.00	0.00	0.00	0
820	☐	475	4.00	173.56	1.46	32.98	Free Surface	0 - 10:06 hrs	6.55	6.57	0.19	0.42	140.58	1.94	3.95	0.00	0.00	0.00	0.00	0.00	0
821	☐	476	1.50	5.57	0.37	3.54	Free Surface	0 - 09:59 hrs	3.69	3.69	0.64	0.53	2.03	0.13	1.50	0.00	0.00	0.00	0.00	0.00	0
822	☐	477	2.25	19.58	0.40	7.35	Free Surface	0 - 10:06 hrs	3.99	3.99	0.38	0.47	12.23	0.33	2.25	0.00	0.00	0.00	0.00	0.00	0
823	☐	478	2.25	14.15	0.21	7.36	Free Surface	0 - 10:04 hrs	3.98	3.98	0.52	0.47	6.79	0.33	2.25	0.00	0.00	0.00	0.00	0.00	0
824	☐	479	2.00	14.09	0.39	7.46	Free Surface	0 - 10:03 hrs	4.15	4.37	0.53	0.56	6.63	0.33	2.00	0.00	0.00	0.00	0.00	0.00	0
825	☐	48	1.50	6.12	0.45	8.06	ceeds Capac	0 - 09:49 hrs	4.56	4.56	1.32	1.00	-1.94	0.94	1.50	1.61	1.61	1.75	0.08	0.15	8
826	☐	480	2.50	81.05	3.90	89.28	Backwater	0 - 00:00 hrs	18.19	18.19	1.10	1.00	-8.23	0.43	0.98	23.99	23.99	24.00	0.00	0.01	0
827	☐	481	2.50	25.25	0.38	31.72	Backwater	0 - 00:01 hrs	6.46	6.46	1.26	1.00	-6.47	0.45	0.98	23.97	23.97	23.99	0.01	0.00	0
828	☐	482	2.50	17.00	0.17	10.37	Free Surface	0 - 10:04 hrs	4.24	4.24	0.61	0.50	6.63	0.46	2.50	0.00	0.00	0.00	0.00	0.00	0
829	☐	483	2.00	10.45	0.21	1.59	Free Surface	0 - 10:04 hrs	1.57	1.59	0.15	0.36	8.86	0.07	1.95	0.00	0.00	0.00	0.00	0.00	0
830	☐	484	2.00	8.30	0.13	1.66	Free Surface	0 - 09:59 hrs	2.36	2.37	0.20	0.28	6.63	0.06	1.79	0.00	0.00	0.00	0.00	0.00	0
831	☐	485	2.00	12.80	0.32	1.67	Free Surface	0 - 09:59 hrs	2.96	2.96	0.13	0.24	11.13	0.06	1.78	0.00	0.00	0.00	0.00	0.00	0
832	☐	486	2.50	14.24	0.12	12.91	Backwater	0 - 10:42 hrs	2.63	2.63	0.91	1.00	1.32	1.72	2.50	2.35	2.35	3.74	0.00	0.01	8
833	☐	487	2.50	16.70	0.17	12.91	Backwater	0 - 10:42 hrs	2.63	2.63	0.77	1.00	3.79	1.71	2.49	3.74	3.74	18.99	0.00	0.00	11

FUTURE CONDITIONS 5-YR 24-HR CONDUITS

		ID	Full Depth (ft)	Full Flow (cfs)	Percent Slope (%)	Maximum Flow (cfs)	Maximum Flow Class	Max.Flow Day-Time (day-time)	Velocity at Maximum Flow (ft/s)	Maximum Velocity (ft/s)	Max.Flow/Fu ll Flow	Max.Depth/F ull Depth	Reserve Capacity (cfs)	Total Flow Volume (MG)	Maximum Top Width (ft)	Both End Surcharge Time (hrs)	Upstream Surcharge Time (hrs)	Downstream Surcharge Time (hrs)	Above Full-Flow Time (hrs)	Capacity Limited Time (hrs)	Instability Index
834	☐	488	2.75	36.58	0.48	22.26	Backwater	0 - 10:42 hrs	3.75	3.75	0.61	1.00	14.32	5.18	2.74	2.03	2.03	23.84	0.00	0.00	45
835	☐	489	2.50	54.60	1.77	33.20	Backwater	0 - 10:07 hrs	6.76	6.76	0.61	1.00	21.40	2.11	2.50	0.25	0.25	1.36	0.00	0.00	2
836	☐	49	1.50	4.88	0.29	6.00	ceeds Capac	0 - 09:48 hrs	3.45	3.46	1.23	1.00	-1.12	0.81	1.50	0.86	0.99	0.86	0.94	0.58	1
837	☐	490	2.50	19.57	0.23	33.20	ceeds Capac	0 - 10:00 hrs	6.76	6.76	1.70	1.00	-13.63	2.11	2.50	1.41	1.41	1.82	0.53	0.53	6
838	☐	491	2.50	34.82	0.72	35.30	Backwater	0 - 09:57 hrs	7.57	8.09	1.01	1.00	-0.48	2.11	2.50	0.18	0.18	0.25	0.01	0.00	2
839	☐	492	2.75	20.10	0.14	17.65	Backwater	0 - 10:22 hrs	2.97	2.97	0.88	1.00	2.45	1.63	2.74	1.75	1.75	23.68	0.00	0.00	10
840	☐	493	2.50	15.14	0.14	17.65	ceeds Capac	0 - 10:22 hrs	3.60	3.60	1.17	1.00	-2.51	1.65	2.47	1.74	1.74	2.68	0.22	0.28	6
841	☐	494	2.50	29.34	0.51	19.30	Backwater	0 - 10:12 hrs	3.93	3.93	0.66	1.00	10.04	1.77	2.50	0.94	0.94	1.74	0.00	0.00	8
842	☐	495	2.50	15.51	0.14	19.35	ceeds Capac	0 - 10:18 hrs	3.94	3.94	1.25	1.00	-3.84	1.77	2.50	0.90	0.90	0.94	0.59	0.56	7
843	☐	496	2.50	16.43	0.16	19.32	ceeds Capac	0 - 09:57 hrs	3.94	3.94	1.18	1.00	-2.89	1.77	2.50	0.87	0.87	0.90	0.54	0.51	7
844	☐	497	2.00	8.96	0.16	19.31	ceeds Capac	0 - 09:57 hrs	6.15	6.15	2.16	1.00	-10.35	1.77	2.00	1.01	1.02	1.01	1.15	1.00	6
845	☐	498	2.00	10.99	0.24	19.29	ceeds Capac	0 - 09:57 hrs	6.14	6.14	1.76	1.00	-8.30	1.77	2.00	0.91	0.91	0.94	0.87	0.85	5
846	☐	499	2.00	3.76	0.03	19.47	ceeds Capac	0 - 09:52 hrs	6.20	6.20	5.18	1.00	-15.71	1.77	2.00	0.91	0.93	0.91	3.75	0.90	7
847	☐	5	3.50	25.27	0.06	74.06	ceeds Capac	0 - 00:00 hrs	10.43	10.43	2.93	1.00	-48.80	6.01	2.27	2.58	2.58	23.97	1.51	1.48	11
848	☐	50	1.25	2.68	0.23	6.37	ceeds Capac	0 - 09:48 hrs	5.19	5.19	2.38	1.00	-3.70	0.82	1.25	1.24	1.94	1.24	2.91	1.24	7
849	☐	500	2.00	18.66	0.68	23.24	ceeds Capac	0 - 10:04 hrs	7.40	7.40	1.25	1.00	-4.58	1.81	2.00	0.88	0.88	0.93	0.46	0.46	3
850	☐	501	2.00	8.89	0.15	10.78	ceeds Capac	0 - 10:22 hrs	3.43	3.43	1.21	1.00	-1.89	1.02	1.99	1.28	1.28	1.34	0.29	0.37	7
851	☐	502	2.00	5.55	0.06	10.78	ceeds Capac	0 - 10:22 hrs	3.43	3.43	1.94	1.00	-5.24	1.00	2.00	2.09	2.09	2.38	1.02	0.97	6
852	☐	503	2.00	6.16	0.07	10.78	ceeds Capac	0 - 10:22 hrs	3.43	3.43	1.75	1.00	-4.62	1.00	1.99	2.38	2.38	15.12	0.79	0.82	5
853	☐	504	3.00	26.24	0.15	19.22	Backwater	0 - 10:07 hrs	2.72	2.72	0.73	1.00	7.02	1.76	2.99	23.49	23.49	23.78	0.00	0.00	5
854	☐	505	5.00	97.00	0.14	88.31	Backwater	0 - 00:07 hrs	6.08	6.30	0.91	1.00	8.69	6.00	4.97	23.67	23.67	23.85	0.00	0.01	53
855	☐	506	5.00	80.21	0.09	95.84	ceeds Capac	0 - 00:05 hrs	5.32	5.39	1.19	1.00	-15.63	5.94	4.93	23.84	23.84	23.88	0.18	0.15	62
856	☐	507	5.00	115.08	0.20	122.65	Backwater	0 - 00:03 hrs	9.78	10.00	1.07	1.00	-7.58	5.83	4.61	23.88	23.88	23.93	0.02	0.00	71
857	☐	508	5.00	83.59	0.10	179.01	ceeds Capac	0 - 00:02 hrs	9.33	9.71	2.14	1.00	-95.42	5.81	4.91	23.93	23.93	23.95	0.11	0.41	76
858	☐	509	2.50	63.09	2.37	38.87	Backwater	0 - 00:00 hrs	8.13	8.13	0.62	1.00	24.22	2.25	0.98	23.99	23.99	24.00	0.00	0.00	4
859	☐	51	1.75	7.88	0.33	8.60	ceeds Capac	0 - 09:45 hrs	3.57	3.57	1.09	1.00	-0.72	1.65	1.75	1.76	1.76	1.81	0.75	0.57	10
860	☐	510	2.00	22.95	1.03	36.74	ceeds Capac	0 - 09:59 hrs	11.69	11.69	1.60	1.00	-13.79	2.25	0.78	1.17	1.17	23.99	0.46	0.46	4
861	☐	511	3.50	25.40	0.06	66.58	ceeds Capac	0 - 10:03 hrs	6.92	7.03	2.62	1.00	-41.18	6.04	3.19	1.72	1.72	1.83	1.48	1.43	11
862	☐	512	2.75	35.59	0.45	66.56	ceeds Capac	0 - 10:03 hrs	11.21	11.21	1.87	1.00	-30.97	6.06	2.61	3.24	3.24	23.96	0.93	0.96	8
863	☐	513	4.50	83.34	0.18	88.91	ceeds Capac	0 - 10:03 hrs	5.59	5.59	1.07	1.00	-5.57	8.54	4.50	0.98	0.98	1.10	0.17	0.16	6
864	☐	514	4.50	114.95	0.34	54.59	Backwater	0 - 10:30 hrs	3.43	5.22	0.47	1.00	60.36	6.53	4.50	0.71	0.71	0.92	0.00	0.00	5
865	☐	515	4.50	70.52	0.13	54.59	Backwater	0 - 10:30 hrs	3.43	3.88	0.77	1.00	15.93	6.52	4.50	0.92	0.92	0.98	0.00	0.01	5
866	☐	516	2.00	10.04	0.20	14.01	ceeds Capac	0 - 09:55 hrs	4.46	4.46	1.40	1.00	-3.97	1.94	2.00	1.30	1.30	1.31	1.24	1.14	11
867	☐	517	2.00	10.35	0.21	14.00	ceeds Capac	0 - 09:55 hrs	4.46	4.46	1.35	1.00	-3.65	1.94	2.00	1.31	1.31	1.40	1.21	1.17	10
868	☐	518	2.00	13.02	0.33	14.02	ceeds Capac	0 - 09:52 hrs	4.46	4.46	1.08	1.00	-0.99	1.94	2.00	1.40	1.40	1.78	0.91	0.65	12
869	☐	519	2.00	10.28	0.21	14.01	ceeds Capac	0 - 09:52 hrs	4.46	4.46	1.36	1.00	-3.72	1.94	1.86	1.78	1.78	3.58	1.22	1.19	11
870	☐	52	1.50	6.75	0.55	8.59	ceeds Capac	0 - 09:45 hrs	4.86	4.86	1.27	1.00	-1.84	1.65	1.50	1.92	1.93	1.92	1.52	1.38	12
871	☐	520	3.00	33.74	0.26	34.77	Backwater	0 - 00:04 hrs	5.61	5.61	1.03	1.00	-1.03	1.91	2.99	1.01	1.01	23.94	0.00	0.00	56
872	☐	521	4.00	56.80	0.16	31.79	Backwater	0 - 00:04 hrs	2.71	5.69	0.56	1.00	25.01	0.93	3.92	23.93	23.93	23.93	0.00	0.35	74
873	☐	522	4.00	54.87	0.15	71.39	Backwater	0 - 00:03 hrs	6.06	6.35	1.30	1.00	-16.52	1.81	3.13	23.93	23.93	24.00	0.05	0.00	46
874	☐	523	2.00	11.49	0.26	14.00	Free Surface	0 - 09:56 hrs	4.53	5.67	1.22	0.98	-2.51	1.93	2.00	0.00	0.00	4.43	1.02	0.00	9
875	☐	524	3.00	11.29	0.03	16.87	ceeds Capac	0 - 00:06 hrs	2.41	3.76	1.49	1.00	-5.58	1.93	2.81	0.99	1.03	1.01	1.07	0.97	1
876	☐	525	2.00	12.21	0.29	15.61	ceeds Capac	0 - 09:59 hrs	4.97	4.97	1.28	1.00	-3.40	0.69	2.00	0.15	0.16	0.16	0.18	0.12	1
877	☐	526	2.00	12.17	0.29	15.61	ceeds Capac	0 - 09:59 hrs	5.02	5.04	1.28	1.00	-3.44	0.69	2.00	0.13	0.16	0.15	0.17	0.11	0
878	☐	527	2.00	12.44	0.30	15.39	ceeds Capac	0 - 09:59 hrs	5.40	5.47	1.24	1.00	-2.94	0.70	2.00	0.15	0.15	0.17	0.16	0.11	0
879	☐	528	2.00	17.55	0.60	15.13	Backwater	0 - 10:03 hrs	4.82	6.14	0.86	1.00	2.42	0.70	2.00	0.17	0.17	0.25	0.00	0.00	0
880	☐	529	2.00	25.81	1.30	15.06	Backwater	0 - 10:03 hrs	4.79	4.79	0.58	1.00	10.76	0.70	2.00	0.47	0.47	2.95	0.00	0.00	3
881	☐	53	1.50	3.61	0.16	8.58	ceeds Capac	0 - 09:45 hrs	4.86	4.86	2.38	1.00	-4.97	1.66	1.50	1.93	3.46	1.93	4.94	1.93	11
882	☐	530	2.00	17.69	0.61	15.14	Backwater	0 - 10:03 hrs	4.82	6.13	0.86	1.00	2.55	0.70	2.00	0.25	0.25	0.30	0.00	0.00	1

FUTURE CONDITIONS 5-YR 24-HR CONDUITS

		ID	Full Depth (ft)	Full Flow (cfs)	Percent Slope (%)	Maximum Flow (cfs)	Maximum Flow Class	Max.Flow Day-Time (day-time)	Velocity at Maximum Flow (ft/s)	Maximum Velocity (ft/s)	Max.Flow/Fu ll Flow	Max.Depth/F ull Depth	Reserve Capacity (cfs)	Total Flow Volume (MG)	Maximum Top Width (ft)	Both End Surcharge Time (hrs)	Upstream Surcharge Time (hrs)	Downstream Surcharge Time (hrs)	Above Full-Flow Time (hrs)	Capacity Limited Time (hrs)	Instability Index
883	☐	531	2.00	19.03	0.71	15.14	Backwater	0 - 10:03 hrs	4.82	5.94	0.80	1.00	3.89	0.70	2.00	0.30	0.30	0.47	0.00	0.00	1
884	☐	532	3.50	40.15	0.16	47.38	Free Surface	0 - 10:04 hrs	5.66	5.68	1.18	0.81	-7.22	2.07	3.50	0.00	0.00	0.00	0.17	0.00	0
885	☐	533	2.00	24.99	1.22	29.92	ceeds Capac	0 - 10:03 hrs	9.52	9.52	1.20	1.00	-4.93	1.31	2.00	0.08	0.11	0.10	0.20	0.08	0
886	☐	534	2.00	12.33	0.30	8.91	Backwater	0 - 09:59 hrs	4.49	4.51	0.72	1.00	3.42	0.34	2.00	0.09	0.09	0.10	0.00	0.01	0
887	☐	535	3.25	21.11	0.07	48.02	Free Surface	0 - 10:04 hrs	5.89	5.90	2.27	0.97	-26.91	2.04	3.25	0.00	0.00	0.00	0.45	0.00	0
888	☐	536	2.00	23.91	1.12	29.93	ceeds Capac	0 - 10:03 hrs	9.53	9.57	1.25	1.00	-6.02	1.31	2.00	0.09	0.15	0.09	0.23	0.09	0
889	☐	537	2.00	23.37	1.07	29.92	ceeds Capac	0 - 10:03 hrs	9.52	9.52	1.28	1.00	-6.55	1.30	2.00	0.15	0.19	0.15	0.23	0.15	0
890	☐	538	2.00	11.87	0.28	8.82	Backwater	0 - 10:07 hrs	2.96	3.74	0.74	1.00	3.05	0.34	2.00	0.11	0.11	0.15	0.00	0.00	1
891	☐	539	3.50	66.50	0.44	57.01	Free Surface	0 - 10:04 hrs	7.16	7.28	0.86	0.77	9.49	2.50	3.50	0.00	0.00	0.00	0.00	0.00	0
892	☐	54	1.50	4.62	0.26	4.62	Backwater	0 - 09:37 hrs	2.61	2.61	1.00	1.00	0.01	0.93	1.50	2.76	2.76	3.46	0.00	0.03	15
893	☐	540	3.50	58.55	0.34	56.82	Free Surface	0 - 10:04 hrs	6.83	6.93	0.97	0.81	1.73	2.50	3.50	0.00	0.00	0.00	0.00	0.00	0
894	☐	541	2.75	18.57	0.12	32.20	Backwater	0 - 09:56 hrs	5.44	5.45	1.73	1.00	-13.63	1.60	2.75	2.04	2.04	2.35	0.02	0.04	16
895	☐	542	2.75	19.78	0.14	13.04	Backwater	0 - 10:21 hrs	2.19	2.19	0.66	1.00	6.74	1.49	2.75	9.67	9.67	13.10	0.00	0.00	46
896	☐	543	5.50	184.06	0.30	202.15	ceeds Capac	0 - 10:06 hrs	8.51	8.55	1.10	1.00	-18.10	20.99	5.50	0.66	0.66	0.70	0.21	0.19	2
897	☐	544	6.00	193.56	0.21	221.25	ceeds Capac	0 - 10:06 hrs	7.83	8.18	1.14	1.00	-27.69	22.04	6.00	0.62	0.62	0.64	0.26	0.29	4
898	☐	545	6.00	251.84	0.35	246.15	Backwater	0 - 10:06 hrs	8.71	8.71	0.98	1.00	5.69	23.43	6.00	0.64	0.64	0.74	0.00	0.02	3
899	☐	546	6.00	189.54	0.20	229.08	ceeds Capac	0 - 10:03 hrs	8.10	8.10	1.21	1.00	-39.54	23.59	6.00	0.73	0.74	0.73	0.77	0.56	5
900	☐	547	6.00	189.39	0.20	258.86	ceeds Capac	0 - 10:03 hrs	9.16	9.16	1.37	1.00	-69.48	26.29	6.00	0.71	0.73	0.71	0.89	0.70	4
901	☐	548	6.00	229.37	0.29	258.85	ceeds Capac	0 - 10:03 hrs	9.15	9.15	1.13	1.00	-29.48	26.26	6.00	0.71	0.71	0.78	0.03	0.04	4
902	☐	549	4.00	67.40	0.22	88.95	ceeds Capac	0 - 10:03 hrs	7.08	7.08	1.32	1.00	-21.56	5.17	4.00	2.66	2.67	3.36	0.28	0.26	19
903	☐	55	1.50	2.03	0.05	4.62	ceeds Capac	0 - 09:37 hrs	2.61	2.61	2.28	1.00	-2.59	0.93	1.50	2.76	2.82	2.76	4.93	1.99	22
904	☐	550	4.00	67.52	0.22	88.96	ceeds Capac	0 - 10:03 hrs	7.08	7.08	1.32	1.00	-21.44	5.18	4.00	2.37	2.37	2.50	0.30	0.35	19
905	☐	551	3.50	47.42	0.22	88.96	ceeds Capac	0 - 10:03 hrs	9.25	9.25	1.88	1.00	-41.54	5.17	3.50	2.06	2.08	2.78	0.53	0.48	11
906	☐	552	3.50	46.38	0.21	88.97	ceeds Capac	0 - 10:03 hrs	9.25	9.25	1.92	1.00	-42.59	5.17	3.50	2.01	2.01	2.08	0.56	0.73	14
907	☐	553	3.50	44.60	0.20	89.02	ceeds Capac	0 - 10:03 hrs	9.25	9.25	2.00	1.00	-44.42	5.16	3.50	1.78	1.78	2.01	0.60	0.58	13
908	☐	554	2.25	24.27	0.61	38.11	ceeds Capac	0 - 09:59 hrs	9.59	9.59	1.57	1.00	-13.84	2.72	2.25	1.25	1.25	3.49	0.60	0.59	12
909	☐	555	2.00	20.21	0.80	15.94	Backwater	0 - 09:53 hrs	5.07	5.07	0.79	1.00	4.27	1.08	2.00	0.85	0.85	1.10	0.00	0.00	3
910	☐	556	2.25	23.68	0.58	38.13	ceeds Capac	0 - 09:59 hrs	9.59	9.59	1.61	1.00	-14.44	2.72	2.25	1.17	1.17	1.25	0.62	0.61	8
911	☐	557	2.25	21.80	0.50	38.12	ceeds Capac	0 - 09:59 hrs	9.59	9.59	1.75	1.00	-16.32	2.72	2.25	1.06	1.06	1.17	0.67	0.68	6
912	☐	558	3.50	44.93	0.20	65.72	ceeds Capac	0 - 09:59 hrs	6.83	6.83	1.46	1.00	-20.78	3.96	3.50	1.52	1.52	1.78	0.37	0.37	10
913	☐	559	2.50	22.73	0.31	40.02	ceeds Capac	0 - 09:56 hrs	8.15	8.15	1.76	1.00	-17.30	2.57	2.50	2.01	2.01	2.22	0.62	0.63	14
914	☐	56	1.50	4.33	0.23	4.61	ceeds Capac	0 - 09:37 hrs	2.61	2.61	1.07	1.00	-0.28	0.93	1.50	2.65	2.65	2.82	0.04	0.42	22
915	☐	560	2.50	22.37	0.30	40.01	ceeds Capac	0 - 09:56 hrs	8.15	8.15	1.79	1.00	-17.64	2.57	2.50	1.89	1.89	2.01	0.64	0.68	13
916	☐	561	2.50	22.63	0.30	39.99	ceeds Capac	0 - 09:56 hrs	8.15	8.15	1.77	1.00	-17.36	2.57	2.50	1.77	1.77	1.89	0.63	0.65	13
917	☐	562	2.50	43.63	1.13	39.97	Backwater	0 - 09:56 hrs	8.14	8.14	0.92	1.00	3.66	2.57	2.50	1.27	1.27	1.77	0.00	0.01	9
918	☐	563	2.50	24.86	0.37	39.99	ceeds Capac	0 - 09:56 hrs	8.15	8.15	1.61	1.00	-15.13	2.58	2.50	0.61	0.61	0.63	0.56	0.49	3
919	☐	564	2.50	25.36	0.38	22.76	Backwater	0 - 09:56 hrs	4.64	4.75	0.90	1.00	2.61	1.59	2.50	0.52	0.52	0.61	0.00	0.00	2
920	☐	565	2.50	20.15	0.24	29.30	ceeds Capac	0 - 09:56 hrs	6.01	6.32	1.45	1.00	-9.15	1.61	2.50	0.49	0.50	0.52	0.16	0.13	2
921	☐	566	3.50	19.25	0.10	46.82	ceeds Capac	0 - 10:04 hrs	4.89	5.05	2.43	1.00	-27.57	5.10	3.50	0.12	0.98	0.12	2.33	0.12	4
922	☐	569	4.50	360.06	3.35	156.87	Backwater	0 - 10:00 hrs	12.59	12.59	0.44	1.00	203.19	27.46	4.50	0.64	0.64	1.44	0.00	0.00	7
923	☐	57	1.50	2.78	0.09	4.61	Backwater	0 - 09:37 hrs	2.61	2.61	1.66	1.00	-1.84	0.93	1.50	2.65	2.65	2.76	3.50	0.30	21
924	☐	571	4.50	92.80	0.22	166.52	ceeds Capac	0 - 09:59 hrs	10.47	10.47	1.79	1.00	-73.72	10.64	4.50	1.39	1.39	1.44	1.33	1.33	8
925	☐	572	4.50	150.56	0.59	166.33	ceeds Capac	0 - 09:59 hrs	10.46	10.46	1.10	1.00	-15.77	10.65	4.50	1.23	1.23	1.45	0.14	0.20	9
926	☐	573	4.50	191.84	0.95	166.32	Backwater	0 - 09:59 hrs	10.46	10.84	0.87	1.00	25.52	10.65	4.50	0.88	0.88	1.23	0.00	0.00	6
927	☐	574	4.50	35.32	0.03	166.37	Backwater	0 - 09:59 hrs	10.46	10.46	4.71	1.00	-131.05	10.64	4.50	1.39	1.39	1.45	2.77	0.00	10
928	☐	575	2.00	12.39	0.30	17.61	ceeds Capac	0 - 09:55 hrs	5.60	5.60	1.42	1.00	-5.22	1.21	2.00	0.51	0.52	0.53	0.31	0.26	0
929	☐	576	2.50	19.72	0.23	16.35	Backwater	0 - 09:55 hrs	3.33	3.33	0.83	1.00	3.37	1.21	2.50	0.44	0.44	0.49	0.00	0.00	2
930	☐	577	2.50	19.25	0.22	29.10	ceeds Capac	0 - 09:55 hrs	5.93	5.96	1.51	1.00	-9.85	2.06	2.50	0.46	0.49	0.46	0.61	0.45	2
931	☐	578	2.50	18.73	0.21	28.64	ceeds Capac	0 - 09:56 hrs	5.86	6.21	1.53	1.00	-9.92	2.06	2.50	0.38	0.46	0.38	0.62	0.38	1

FUTURE CONDITIONS 5-YR 24-HR CONDUITS

		ID	Full Depth (ft)	Full Flow (cfs)	Percent Slope (%)	Maximum Flow (cfs)	Maximum Flow Class	Max.Flow Day-Time (day-time)	Velocity at Maximum Flow (ft/s)	Maximum Velocity (ft/s)	Max.Flow/Fu ll Flow	Max.Depth/F ull Depth	Reserve Capacity (cfs)	Total Flow Volume (MG)	Maximum Top Width (ft)	Both End Surcharge Time (hrs)	Upstream Surcharge Time (hrs)	Downstream Surcharge Time (hrs)	Above Full-Flow Time (hrs)	Capacity Limited Time (hrs)	Instability Index
932	☐	579	2.00	10.15	0.20	16.58	ceeds Capac	0 - 09:52 hrs	5.28	5.28	1.63	1.00	-6.43	1.45	2.00	0.86	0.88	0.86	0.93	0.84	1
933	☐	58	1.50	4.98	0.30	4.62	Backwater	0 - 09:37 hrs	2.61	2.61	0.93	1.00	0.36	0.93	1.50	2.53	2.53	2.76	0.00	0.13	21
934	☐	580	2.00	10.28	0.21	16.59	ceeds Capac	0 - 09:52 hrs	5.28	5.28	1.61	1.00	-6.31	1.43	2.00	0.85	0.86	0.85	0.93	0.83	1
935	☐	581	2.00	10.12	0.20	16.58	ceeds Capac	0 - 09:52 hrs	5.28	5.31	1.64	1.00	-6.47	1.38	2.00	0.84	0.85	0.84	0.96	0.77	5
936	☐	582	2.25	13.85	0.20	12.18	Backwater	0 - 10:30 hrs	3.06	3.43	0.88	1.00	1.67	1.38	2.25	0.78	0.78	0.85	0.00	0.07	5
937	☐	583	2.25	13.85	0.20	12.19	Backwater	0 - 10:30 hrs	3.07	3.07	0.88	1.00	1.66	1.38	2.25	0.85	0.85	0.95	0.00	0.01	5
938	☐	584	2.00	7.92	0.35	39.28	ceeds Capac	0 - 00:00 hrs	13.14	13.14	4.96	1.00	-31.35	2.46	0.78	23.99	23.99	24.00	2.36	2.26	61
939	☐	585	2.50	12.17	0.09	13.04	ceeds Capac	0 - 09:53 hrs	2.66	2.66	1.07	1.00	-0.87	1.61	2.50	18.09	18.09	18.28	0.27	0.88	66
940	☐	586	2.00	10.68	0.19	7.16	Backwater	0 - 09:59 hrs	2.62	2.62	0.67	1.00	3.52	0.30	2.00	13.85	13.85	13.89	0.00	0.25	54
941	☐	587	4.00	189.57	1.74	48.14	Free Surface	0 - 09:59 hrs	5.36	5.36	0.25	0.67	141.43	3.03	4.00	0.00	0.00	0.76	0.00	0.00	0
942	☐	588	4.00	82.69	0.95	164.43	ceeds Capac	0 - 10:03 hrs	13.09	13.09	1.99	1.00	-81.74	9.43	1.94	0.75	0.75	24.00	0.60	0.74	1
943	☐	589	3.00	67.80	1.03	58.98	Free Surface	0 - 10:04 hrs	10.80	10.80	0.87	0.72	8.82	3.35	3.00	0.00	0.00	0.00	0.00	0.00	0
944	☐	59	1.50	4.20	0.21	4.62	ceeds Capac	0 - 09:37 hrs	2.61	2.67	1.10	1.00	-0.42	0.93	1.50	2.35	2.35	2.53	0.12	0.42	18
945	☐	590	3.00	31.49	0.22	50.70	Backwater	0 - 00:00 hrs	7.28	7.33	1.61	1.00	-19.21	1.13	1.18	23.99	23.99	24.00	0.01	0.00	0
946	☐	591	2.00	11.88	0.28	11.28	Backwater	0 - 00:02 hrs	4.04	4.63	0.95	1.00	0.61	0.22	1.75	23.94	23.94	23.99	0.00	0.00	0
947	☐	592	2.00	13.01	0.33	5.49	Free Surface	0 - 10:00 hrs	2.13	2.14	0.42	0.77	7.52	0.23	1.99	0.00	0.00	23.94	0.00	0.00	0
948	☐	593	2.00	12.11	0.29	5.79	Free Surface	0 - 09:59 hrs	3.63	3.64	0.48	0.51	6.32	0.23	2.00	0.00	0.00	0.00	0.00	0.00	0
949	☐	594	2.00	19.26	0.72	29.41	Backwater	0 - 00:00 hrs	9.49	9.49	1.53	1.00	-10.16	0.22	0.78	23.99	23.99	24.00	0.00	0.00	0
950	☐	595	4.00	76.30	0.28	109.62	Free Surface	0 - 10:06 hrs	9.56	9.56	1.44	0.86	-33.32	9.68	3.99	0.00	0.00	0.00	0.55	0.00	0
951	☐	596	4.00	150.18	1.09	109.62	Free Surface	0 - 10:06 hrs	10.44	10.44	0.73	0.78	40.56	9.68	4.00	0.00	0.00	0.00	0.00	0.00	0
952	☐	597	4.00	110.37	0.59	109.64	Free Surface	0 - 10:04 hrs	10.64	10.66	0.99	0.76	0.73	9.68	4.00	0.00	0.00	0.00	0.00	0.00	0
953	☐	598	4.00	118.18	0.68	109.66	Free Surface	0 - 10:03 hrs	9.86	10.34	0.93	0.83	8.52	9.69	4.00	0.00	0.00	0.00	0.00	0.00	0
954	☐	599	4.00	95.10	0.44	109.66	Free Surface	0 - 10:03 hrs	9.55	9.70	1.15	0.86	-14.56	9.69	4.00	0.00	0.00	0.00	0.29	0.00	0
955	☐	6	3.50	25.87	0.07	68.23	ceeds Capac	0 - 00:01 hrs	7.69	7.83	2.64	1.00	-42.36	6.02	3.22	1.98	1.98	2.58	1.48	1.31	13
956	☐	60	1.50	2.98	0.11	4.62	ceeds Capac	0 - 09:37 hrs	2.62	2.62	1.55	1.00	-1.65	0.93	1.50	2.35	2.40	2.35	3.26	1.98	17
957	☐	600	4.00	107.62	0.56	109.67	Free Surface	0 - 10:03 hrs	8.97	9.34	1.02	0.94	-2.05	9.69	4.00	0.00	0.00	0.00	0.16	0.00	0
958	☐	601	4.00	77.23	0.29	106.99	Free Surface	0 - 09:57 hrs	9.18	9.40	1.39	0.96	-29.75	9.50	4.00	0.00	0.28	0.00	0.50	0.00	0
959	☐	602	4.00	64.05	0.20	106.82	ceeds Capac	0 - 09:57 hrs	8.51	8.54	1.67	1.00	-42.77	9.38	4.00	0.28	0.39	0.28	0.70	0.28	2
960	☐	603	4.00	63.30	0.19	106.80	ceeds Capac	0 - 09:57 hrs	8.50	8.50	1.69	1.00	-43.50	9.38	4.00	0.39	0.44	0.39	0.71	0.39	2
961	☐	604	4.00	74.60	0.27	106.77	ceeds Capac	0 - 09:57 hrs	8.50	8.50	1.43	1.00	-32.17	9.39	4.00	0.44	0.46	0.44	0.53	0.44	2
962	☐	605	4.00	67.09	0.22	106.77	ceeds Capac	0 - 09:57 hrs	8.50	8.50	1.59	1.00	-39.68	9.39	4.00	0.46	0.49	0.46	0.62	0.46	2
963	☐	607	4.00	31.76	0.14	25.69	Free Surface	0 - 00:04 hrs	2.70	3.05	0.81	0.95	6.07	1.93	3.79	0.00	0.00	24.00	0.00	0.00	0
964	☐	608	6.00	207.61	0.24	19.58	Backwater	0 - 12:52 hrs	0.69	1.12	0.09	1.00	188.03	1.32	6.00	19.19	19.19	20.04	0.00	0.00	79
965	☐	609	2.00	15.12	0.45	17.17	Free Surface	0 - 09:59 hrs	6.11	6.11	1.14	0.84	-2.05	0.76	2.00	0.00	0.00	0.00	0.15	0.00	0
966	☐	61	1.50	3.05	0.11	4.62	ceeds Capac	0 - 09:37 hrs	2.61	2.61	1.51	1.00	-1.57	0.93	1.50	2.40	2.43	2.40	3.14	1.83	16
967	☐	610	2.00	16.74	0.55	16.70	Free Surface	0 - 10:04 hrs	6.27	6.27	1.00	0.79	0.03	0.76	2.00	0.00	0.00	0.00	0.00	0.00	0
968	☐	611	3.50	138.50	1.90	113.38	Free Surface	0 - 10:03 hrs	16.06	16.06	0.82	0.69	25.12	10.65	3.50	0.00	0.00	0.00	0.00	0.00	0
969	☐	612	3.50	49.38	0.24	97.54	Free Surface	0 - 09:59 hrs	10.44	10.44	1.98	0.93	-48.17	9.90	3.50	0.00	0.98	0.00	1.35	0.00	2
970	☐	613	2.50	99.90	5.93	70.71	Free Surface	0 - 09:59 hrs	19.33	19.34	0.71	0.70	29.19	4.04	2.50	0.00	0.00	0.00	0.00	0.00	0
971	☐	614	4.00	124.53	0.75	126.12	Free Surface	0 - 10:04 hrs	11.23	11.30	1.01	0.84	-1.59	11.19	4.00	0.00	0.00	0.00	0.12	0.00	0
972	☐	615	4.00	114.10	0.63	126.13	Free Surface	0 - 10:04 hrs	10.70	10.70	1.11	0.89	-12.03	11.19	4.00	0.00	0.00	0.00	0.22	0.00	0
973	☐	616	4.00	106.76	0.55	126.18	Free Surface	0 - 10:04 hrs	10.15	10.16	1.18	0.97	-19.42	11.19	4.00	0.00	0.15	0.00	0.30	0.00	0
974	☐	617	4.00	285.00	3.94	126.39	Free Surface	0 - 09:59 hrs	21.96	21.96	0.44	0.47	158.61	11.19	4.00	0.00	0.00	0.00	0.00	0.00	0
975	☐	618	3.50	200.07	3.95	123.68	Free Surface	0 - 10:04 hrs	21.88	21.88	0.62	0.57	76.39	11.07	3.50	0.00	0.00	0.00	0.00	0.00	0
976	☐	619	3.50	138.51	1.90	113.24	Free Surface	0 - 10:04 hrs	16.06	16.06	0.82	0.69	25.27	10.65	3.50	0.00	0.00	0.00	0.00	0.00	0
977	☐	62	1.50	4.97	0.30	4.62	Backwater	0 - 09:37 hrs	2.61	2.61	0.93	1.00	0.35	0.93	1.50	2.21	2.21	2.43	0.00	0.02	15
978	☐	620	2.25	28.98	0.88	3.71	Free Surface	0 - 09:59 hrs	5.00	5.00	0.13	0.24	25.27	0.13	2.25	0.00	0.00	0.00	0.00	0.00	0
979	☐	621	1.50	12.21	1.80	4.10	Free Surface	0 - 09:59 hrs	6.22	6.22	0.34	0.40	8.12	0.14	1.50	0.00	0.00	0.00	0.00	0.00	0
980	☐	622	2.25	42.28	1.86	3.76	Free Surface	0 - 09:59 hrs	6.42	6.42	0.09	0.20	38.52	0.13	1.87	0.00	0.00	0.00	0.00	0.00	0

FUTURE CONDITIONS 5-YR 24-HR CONDUITS

		ID	Full Depth (ft)	Full Flow (cfs)	Percent Slope (%)	Maximum Flow (cfs)	Maximum Flow Class	Max.Flow Day-Time (day-time)	Velocity at Maximum Flow (ft/s)	Maximum Velocity (ft/s)	Max.Flow/Fu ll Flow	Max.Depth/F ull Depth	Reserve Capacity (cfs)	Total Flow Volume (MG)	Maximum Top Width (ft)	Both End Surcharge Time (hrs)	Upstream Surcharge Time (hrs)	Downstream Surcharge Time (hrs)	Above Full-Flow Time (hrs)	Capacity Limited Time (hrs)	Instability Index
981	☐	623	4.00	89.45	0.39	93.30	ceeds Capac	0 - 10:14 hrs	7.42	7.42	1.04	1.00	-3.85	8.71	1.57	23.99	23.99	24.00	0.31	0.32	0
982	☐	624	3.00	137.89	4.27	119.57	Free Surface	0 - 10:03 hrs	18.49	18.49	0.87	0.86	18.32	8.88	2.29	0.00	0.00	23.81	0.00	0.00	0
983	☐	625	3.00	141.25	4.48	119.66	Free Surface	0 - 10:03 hrs	22.20	22.22	0.85	0.71	21.59	8.88	3.00	0.00	0.00	0.00	0.00	0.00	0
984	☐	626	3.50	100.61	1.00	107.78	Free Surface	0 - 10:00 hrs	12.30	12.30	1.07	0.91	-7.17	8.32	3.50	0.00	0.00	0.00	0.20	0.00	0
985	☐	627	3.00	102.39	2.36	110.17	ceeds Capac	0 - 10:03 hrs	15.73	15.78	1.08	1.00	-7.77	8.32	3.00	0.13	0.13	0.16	0.19	0.13	0
986	☐	628	3.00	101.29	2.31	104.43	ceeds Capac	0 - 10:03 hrs	15.33	15.83	1.03	1.00	-3.14	7.95	3.00	0.11	0.11	0.13	0.08	0.05	0
987	☐	629	4.00	124.63	0.75	96.62	Free Surface	0 - 10:04 hrs	9.30	10.93	0.78	0.91	28.01	7.55	4.00	0.00	0.00	0.06	0.00	0.00	0
988	☐	63	1.50	8.99	0.97	4.62	Backwater	0 - 09:37 hrs	2.62	4.60	0.51	1.00	4.36	0.93	1.50	1.94	1.94	2.08	0.00	0.00	14
989	☐	630	4.00	83.76	0.34	79.05	Free Surface	0 - 10:06 hrs	8.06	8.06	0.94	0.73	4.71	6.67	4.00	0.00	0.00	0.00	0.00	0.00	0
990	☐	631	4.00	83.86	0.34	79.47	Free Surface	0 - 10:04 hrs	7.58	7.63	0.95	0.78	4.39	6.67	4.00	0.00	0.00	0.00	0.00	0.00	0
991	☐	632	4.00	83.90	0.34	69.47	Free Surface	0 - 10:04 hrs	6.91	6.93	0.83	0.75	14.43	6.22	4.00	0.00	0.00	0.00	0.00	0.00	0
992	☐	633	4.00	74.64	0.27	69.56	Free Surface	0 - 10:04 hrs	7.02	7.03	0.93	0.74	5.08	6.22	4.00	0.00	0.00	0.00	0.00	0.00	0
993	☐	634	1.50	12.77	1.97	17.35	ceeds Capac	0 - 09:59 hrs	9.82	9.82	1.36	1.00	-4.58	0.77	1.50	0.30	0.30	0.34	0.21	0.22	1
994	☐	636	1.50	7.40	0.66	17.35	ceeds Capac	0 - 09:59 hrs	9.82	9.82	2.34	1.00	-9.95	0.77	1.50	0.11	0.45	0.11	0.52	0.11	1
995	☐	637	3.00	55.20	0.68	30.94	Free Surface	0 - 10:04 hrs	8.03	8.03	0.56	0.54	24.26	1.40	3.00	0.00	0.00	0.00	0.00	0.00	1
996	☐	638	2.25	22.09	0.51	36.79	ceeds Capac	0 - 09:56 hrs	9.36	9.41	1.67	1.00	-14.70	2.51	2.25	0.26	0.49	0.26	0.63	0.26	0
997	☐	639	2.25	18.97	0.38	36.75	ceeds Capac	0 - 09:56 hrs	9.24	9.24	1.94	1.00	-17.78	2.51	2.25	0.30	0.63	0.30	0.75	0.30	0
998	☐	64	2.50	56.73	1.91	17.78	Free Surface	0 - 09:55 hrs	10.22	10.22	0.31	0.38	38.95	2.44	2.50	0.00	0.00	0.00	0.00	0.00	1
999	☐	640	2.00	28.60	1.60	33.82	ceeds Capac	0 - 10:11 hrs	10.77	10.77	1.18	1.00	-5.22	2.39	2.00	0.58	0.58	0.67	0.26	0.27	1
1000	☐	641	2.00	35.66	2.48	41.57	ceeds Capac	0 - 09:59 hrs	13.23	13.23	1.17	1.00	-5.92	2.46	2.00	0.46	0.46	0.56	0.23	0.23	1
1001	☐	642	2.00	26.89	1.41	24.36	Backwater	0 - 09:56 hrs	7.75	9.06	0.91	1.00	2.53	1.65	2.00	0.37	0.37	0.42	0.00	0.00	1
1002	☐	643	2.00	19.70	0.76	22.27	ceeds Capac	0 - 09:55 hrs	7.11	7.34	1.13	1.00	-2.57	1.56	2.00	0.32	0.35	0.32	0.37	0.32	0
1003	☐	644	2.00	14.95	0.44	23.31	ceeds Capac	0 - 09:56 hrs	7.50	7.59	1.56	1.00	-8.36	1.29	2.00	0.31	0.35	0.31	0.32	0.20	0
1004	☐	645	2.00	10.88	0.23	17.39	ceeds Capac	0 - 09:56 hrs	5.53	5.53	1.60	1.00	-6.51	1.01	2.00	0.33	0.36	0.33	0.48	0.33	0
1005	☐	646	2.50	54.96	1.80	63.42	ceeds Capac	0 - 10:03 hrs	12.92	12.92	1.15	1.00	-8.46	4.15	2.50	0.15	0.26	0.15	0.35	0.15	0
1006	☐	647	2.50	58.23	2.02	63.42	ceeds Capac	0 - 10:03 hrs	12.92	13.46	1.09	1.00	-5.18	4.14	2.50	0.25	0.25	0.26	0.29	0.24	0
1007	☐	648	2.50	54.56	1.77	63.54	ceeds Capac	0 - 09:56 hrs	13.58	13.58	1.16	1.00	-8.99	4.15	2.50	0.21	0.28	0.21	0.35	0.21	0
1008	☐	649	1.50	13.20	2.10	6.76	Free Surface	0 - 10:04 hrs	4.73	5.64	0.51	0.75	6.44	0.30	1.50	0.00	0.00	0.26	0.00	0.00	0
1009	☐	65	1.33	3.96	0.35	5.89	Free Surface	0 - 09:53 hrs	4.60	4.60	1.49	0.86	-1.93	0.46	1.33	0.00	0.50	0.00	0.61	0.00	2
1010	☐	650	1.50	9.46	1.08	6.76	Free Surface	0 - 10:04 hrs	5.82	5.82	0.71	0.63	2.70	0.30	1.50	0.00	0.00	0.00	0.00	0.00	0
1011	☐	651	1.50	4.87	0.29	6.98	Free Surface	0 - 09:59 hrs	4.40	4.40	1.43	0.84	-2.11	0.30	1.50	0.00	0.22	0.00	0.26	0.00	0
1012	☐	652	1.50	4.94	0.29	3.22	Free Surface	0 - 09:59 hrs	2.15	2.36	0.65	0.92	1.73	0.12	1.50	0.00	0.00	0.15	0.00	0.00	0
1013	☐	653	6.50	254.90	0.24	319.02	ceeds Capac	0 - 10:03 hrs	9.61	9.61	1.25	1.00	-64.13	38.54	6.50	0.44	0.62	0.44	1.02	0.44	1
1014	☐	654	6.50	273.98	0.27	426.52	Free Surface	0 - 10:04 hrs	13.36	13.48	1.56	0.92	-152.54	45.86	6.50	0.00	0.44	0.00	1.16	0.00	0
1015	☐	655	7.00	264.17	0.17	453.45	Free Surface	0 - 00:01 hrs	12.17	12.25	1.72	1.00	-189.28	47.25	4.67	0.00	1.37	0.00	1.37	1.37	1
1016	☐	656	6.00	180.61	0.18	299.42	ceeds Capac	0 - 00:00 hrs	10.69	10.92	1.66	1.00	-118.80	25.89	3.26	0.78	0.78	24.00	0.78	0.78	1
1017	☐	657	6.00	272.89	0.42	250.18	Backwater	0 - 10:10 hrs	8.85	8.85	0.92	1.00	22.71	24.54	5.12	0.19	0.19	0.78	0.00	0.00	0
1018	☐	658	6.00	202.82	0.23	222.94	ceeds Capac	0 - 10:10 hrs	7.88	7.88	1.10	1.00	-20.12	22.85	5.98	0.19	0.21	0.19	0.31	0.18	1
1019	☐	659	1.00	7.51	5.91	8.91	ceeds Capac	0 - 00:00 hrs	11.77	11.77	1.19	1.00	-1.41	4.78	0.39	23.99	23.99	23.99	11.33	11.34	19
1020	☐	66	1.33	3.07	0.21	5.89	ceeds Capac	0 - 09:59 hrs	4.22	4.22	1.92	1.00	-2.82	0.46	1.33	0.50	0.60	0.50	0.88	0.50	3
1021	☐	660	1.75	39.78	8.39	9.00	Free Surface	0 - 11:04 hrs	13.34	13.34	0.23	0.55	30.78	0.55	1.64	0.00	0.00	0.07	0.00	0.00	0
1022	☐	661	6.50	299.04	0.33	217.08	Free Surface	0 - 10:10 hrs	6.56	6.79	0.73	1.00	81.96	17.57	6.50	0.00	0.00	0.17	0.00	0.00	1
1023	☐	662	6.50	229.60	0.19	220.31	Free Surface	0 - 10:08 hrs	6.71	7.66	0.96	0.98	9.29	17.59	6.50	0.00	0.00	0.00	0.00	0.00	0
1024	☐	663	4.00	318.76	4.92	109.36	Free Surface	0 - 10:06 hrs	11.60	11.60	0.34	0.70	209.40	7.35	4.00	0.00	0.00	2.04	0.00	0.00	0
1025	☐	664	2.00	16.58	0.54	26.83	ceeds Capac	0 - 10:00 hrs	8.54	8.54	1.62	1.00	-10.25	1.50	2.00	0.34	0.37	0.34	0.43	0.34	0
1026	☐	665	2.00	17.26	0.58	26.82	ceeds Capac	0 - 10:00 hrs	8.54	8.54	1.55	1.00	-9.56	1.50	2.00	0.37	0.38	0.37	0.42	0.37	1
1027	☐	666	2.00	16.92	0.56	26.81	ceeds Capac	0 - 10:00 hrs	8.53	8.53	1.58	1.00	-9.89	1.50	2.00	0.35	0.37	0.35	0.44	0.35	1
1028	☐	667	2.00	17.16	0.58	26.81	ceeds Capac	0 - 10:00 hrs	8.58	8.69	1.56	1.00	-9.66	1.50	2.00	0.15	0.33	0.15	0.44	0.15	0
1029	☐	668	2.50	29.99	0.53	27.88	Backwater	0 - 10:08 hrs	5.93	6.98	0.93	1.00	2.11	1.50	2.50	0.11	0.11	0.15	0.00	0.00	0

FUTURE CONDITIONS 5-YR 24-HR CONDUITS

		ID	Full Depth (ft)	Full Flow (cfs)	Percent Slope (%)	Maximum Flow (cfs)	Maximum Flow Class	Max.Flow Day-Time (day-time)	Velocity at Maximum Flow (ft/s)	Maximum Velocity (ft/s)	Max.Flow/Fu ll Flow	Max.Depth/F ull Depth	Reserve Capacity (cfs)	Total Flow Volume (MG)	Maximum Top Width (ft)	Both End Surcharge Time (hrs)	Upstream Surcharge Time (hrs)	Downstream Surcharge Time (hrs)	Above Full-Flow Time (hrs)	Capacity Limited Time (hrs)	Instability Index
1030	☐	669	2.50	41.34	1.02	39.10	Backwater	0 - 10:08 hrs	7.97	8.86	0.95	1.00	2.23	2.21	2.50	0.21	0.21	0.24	0.00	0.00	1
1031	☐	67	1.33	1.07	0.03	5.91	Backwater	0 - 10:12 hrs	4.23	4.23	5.53	1.00	-4.84	0.46	1.33	0.60	0.60	0.72	3.58	0.00	5
1032	☐	670	2.50	51.46	1.57	54.39	ceeds Capac	0 - 09:57 hrs	11.64	11.64	1.06	1.00	-2.93	2.92	2.50	0.24	0.24	0.28	0.09	0.10	1
1033	☐	671	2.50	55.04	1.80	53.92	Backwater	0 - 10:03 hrs	10.98	10.98	0.98	1.00	1.12	2.92	2.50	0.28	0.28	0.32	0.00	0.02	1
1034	☐	672	3.50	42.65	0.18	79.66	ceeds Capac	0 - 10:03 hrs	8.28	8.28	1.87	1.00	-37.02	4.11	3.50	0.31	0.32	0.31	0.45	0.30	0
1035	☐	673	3.50	51.58	0.26	79.69	ceeds Capac	0 - 10:03 hrs	8.28	8.28	1.54	1.00	-28.11	4.11	3.50	0.30	0.31	0.30	0.33	0.29	1
1036	☐	674	3.50	51.79	0.26	79.68	ceeds Capac	0 - 10:03 hrs	8.28	8.28	1.54	1.00	-27.89	4.12	3.50	0.29	0.30	0.45	0.32	0.29	1
1037	☐	675	3.50	56.33	0.31	79.67	ceeds Capac	0 - 10:03 hrs	8.28	8.28	1.41	1.00	-23.34	4.14	3.50	0.45	0.45	3.16	0.27	0.24	17
1038	☐	676	3.50	54.64	0.29	79.75	ceeds Capac	0 - 10:03 hrs	8.29	8.29	1.46	1.00	-25.12	4.15	3.50	4.85	4.85	7.24	0.29	0.27	39
1039	☐	677	3.50	48.75	0.23	79.76	ceeds Capac	0 - 10:03 hrs	8.29	8.29	1.64	1.00	-31.01	4.16	3.50	6.80	6.83	8.14	0.34	0.38	37
1040	☐	678	3.75	36.92	0.09	79.84	ceeds Capac	0 - 10:03 hrs	7.40	7.82	2.16	1.00	-42.92	4.17	3.34	6.57	6.65	7.42	0.54	0.41	38
1041	☐	679	5.50	109.82	0.31	222.98	Backwater	0 - 10:10 hrs	9.39	9.39	2.03	1.00	-113.16	22.88	5.49	0.32	0.32	0.52	1.23	0.00	1
1042	☐	68	1.33	6.09	0.84	5.90	Backwater	0 - 09:53 hrs	4.22	4.22	0.97	1.00	0.19	0.46	1.33	0.66	0.66	0.72	0.00	0.23	5
1043	☐	680	2.00	18.74	0.69	17.66	Backwater	0 - 09:59 hrs	5.62	5.80	0.94	1.00	1.08	1.03	2.00	0.88	0.88	1.21	0.00	0.00	5
1044	☐	681	2.00	15.07	0.44	22.01	ceeds Capac	0 - 09:57 hrs	7.02	7.07	1.46	1.00	-6.94	1.04	2.00	0.67	0.68	0.88	0.05	0.00	2
1045	☐	682	2.00	18.95	0.70	22.02	ceeds Capac	0 - 09:57 hrs	7.01	7.01	1.16	1.00	-3.07	1.06	2.00	0.40	0.40	0.68	0.01	0.01	0
1046	☐	683	1.50	3.56	0.15	0.57	Backwater	0 - 09:57 hrs	0.32	0.38	0.16	1.00	2.99	0.00	1.50	0.44	0.44	0.50	0.00	0.00	5
1047	☐	684	3.00	39.66	0.35	50.27	ceeds Capac	0 - 09:57 hrs	8.35	8.41	1.27	1.00	-10.61	3.62	3.00	0.92	0.92	0.95	0.05	0.24	4
1048	☐	685	3.00	47.60	0.51	47.67	Backwater	0 - 09:57 hrs	7.57	7.57	1.00	1.00	-0.07	3.71	3.00	0.83	0.83	0.91	0.00	0.00	6
1049	☐	686	3.00	39.04	0.34	50.91	ceeds Capac	0 - 09:57 hrs	7.26	7.44	1.30	1.00	-11.87	3.71	3.00	0.82	0.83	0.83	0.49	0.49	6
1050	☐	687	3.00	48.57	0.53	51.27	ceeds Capac	0 - 09:57 hrs	7.25	7.38	1.06	1.00	-2.70	3.76	3.00	0.77	0.77	0.83	0.16	0.13	4
1051	☐	688	3.00	33.51	0.25	54.31	ceeds Capac	0 - 09:57 hrs	7.76	7.86	1.62	1.00	-20.80	3.76	3.00	0.77	0.77	0.77	0.87	0.53	5
1052	☐	689	3.00	35.02	0.28	39.05	ceeds Capac	0 - 09:57 hrs	5.83	5.86	1.12	1.00	-4.03	3.00	3.00	0.73	0.73	0.74	0.24	0.28	5
1053	☐	69	1.33	1.33	0.04	5.89	ceeds Capac	0 - 09:59 hrs	4.22	4.22	4.42	1.00	-4.56	0.46	1.33	0.66	0.92	0.66	2.51	0.66	4
1054	☐	690	3.00	51.69	0.60	42.02	Backwater	0 - 09:59 hrs	6.73	7.00	0.81	1.00	9.67	3.01	3.00	0.67	0.67	0.72	0.00	0.00	4
1055	☐	691	3.00	17.98	0.07	46.57	ceeds Capac	0 - 09:59 hrs	7.07	7.07	2.59	1.00	-28.58	3.01	3.00	0.67	0.68	0.67	1.10	0.61	5
1056	☐	692	3.00	33.31	0.25	47.51	ceeds Capac	0 - 10:03 hrs	6.72	6.72	1.43	1.00	-14.19	3.04	3.00	0.68	0.68	0.68	0.36	0.37	4
1057	☐	693	4.00	136.73	0.91	128.86	Backwater	0 - 09:59 hrs	10.94	11.19	0.94	1.00	7.87	13.45	4.00	0.85	0.85	0.94	0.00	0.00	5
1058	☐	694	1.50	7.90	0.75	17.41	ceeds Capac	0 - 11:26 hrs	9.85	9.85	2.20	1.00	-9.51	0.88	1.50	2.47	2.47	3.22	1.97	1.85	9
1059	☐	697	4.00	83.60	0.34	128.52	ceeds Capac	0 - 09:59 hrs	10.27	10.27	1.54	1.00	-44.92	12.59	4.00	0.86	1.09	0.86	1.12	0.66	4
1060	☐	699	5.00	142.19	0.30	176.83	ceeds Capac	0 - 10:03 hrs	9.01	9.01	1.24	1.00	-34.64	13.03	5.00	0.50	0.50	0.67	0.26	0.23	1
1061	☐	7	3.50	25.57	0.06	66.62	ceeds Capac	0 - 10:03 hrs	6.92	8.84	2.61	1.00	-41.04	6.05	2.94	1.83	1.84	1.98	1.48	1.33	13
1062	☐	700	5.00	131.58	0.26	171.32	ceeds Capac	0 - 10:03 hrs	8.73	8.73	1.30	1.00	-39.74	11.44	5.00	0.44	0.44	0.50	0.17	0.16	1
1063	☐	701	5.00	163.16	0.39	171.27	ceeds Capac	0 - 10:03 hrs	8.72	9.02	1.05	1.00	-8.10	11.44	5.00	0.20	0.20	0.37	0.09	0.07	0
1064	☐	702	2.00	32.51	2.06	25.30	Backwater	0 - 09:55 hrs	9.07	9.07	0.78	1.00	7.20	1.60	2.00	0.90	0.90	1.08	0.00	0.00	4
1065	☐	703	2.00	17.78	0.62	24.57	ceeds Capac	0 - 09:56 hrs	7.92	7.99	1.38	1.00	-6.80	1.61	2.00	0.70	0.74	0.90	0.29	0.25	4
1066	☐	704	2.00	20.42	0.82	24.53	ceeds Capac	0 - 09:56 hrs	7.81	7.81	1.20	1.00	-4.10	1.62	2.00	0.60	0.60	0.74	0.09	0.08	2
1067	☐	706	2.00	16.79	0.55	24.51	ceeds Capac	0 - 09:56 hrs	7.80	7.80	1.46	1.00	-7.72	1.62	2.00	0.54	0.55	0.60	0.37	0.34	2
1068	☐	707	2.00	8.80	0.15	18.03	ceeds Capac	0 - 10:04 hrs	5.74	5.74	2.05	1.00	-9.24	0.95	2.00	0.57	0.58	0.59	0.53	0.49	0
1069	☐	708	4.50	99.12	0.25	92.58	Backwater	0 - 09:56 hrs	6.64	7.80	0.93	1.00	6.54	18.99	4.50	1.14	1.14	1.22	0.00	0.03	7
1070	☐	709	4.50	135.51	0.47	125.13	Backwater	0 - 13:29 hrs	16.83	16.83	0.92	1.00	10.38	18.97	4.50	1.22	1.22	1.23	0.00	0.47	6
1071	☐	71	1.75	9.03	0.43	11.91	Free Surface	0 - 10:25 hrs	5.37	5.37	1.32	0.87	-2.88	1.98	1.75	0.00	1.50	0.00	1.77	0.00	11
1072	☐	710	4.50	69.52	0.36	165.77	ceeds Capac	0 - 10:00 hrs	10.47	10.81	2.38	1.00	-96.25	27.44	4.50	0.64	2.19	0.64	3.74	0.64	13
1073	☐	711	4.50	114.46	0.34	165.74	ceeds Capac	0 - 10:00 hrs	10.42	10.42	1.45	1.00	-51.28	27.45	4.50	2.02	2.02	2.04	1.93	1.77	13
1074	☐	712	4.50	129.64	0.43	137.62	ceeds Capac	0 - 10:00 hrs	8.65	8.81	1.06	1.00	-7.98	26.04	4.50	1.57	1.57	1.84	0.67	0.68	7
1075	☐	713	4.50	129.54	0.43	165.73	ceeds Capac	0 - 10:00 hrs	10.42	10.42	1.28	1.00	-36.18	27.46	4.50	1.84	1.84	2.02	1.13	1.14	9
1076	☐	715	2.00	6.65	0.09	25.80	ceeds Capac	0 - 09:57 hrs	8.21	8.21	3.88	1.00	-19.15	1.91	2.00	1.01	1.06	1.01	2.17	1.01	3
1077	☐	716	2.00	14.88	0.43	25.80	ceeds Capac	0 - 09:57 hrs	8.21	8.21	1.73	1.00	-10.92	1.87	2.00	1.06	1.06	1.19	0.37	0.43	6
1078	☐	717	2.00	9.99	0.20	25.81	ceeds Capac	0 - 09:57 hrs	8.23	8.62	2.58	1.00	-15.82	1.87	2.00	0.83	1.08	0.83	1.26	0.83	3

FUTURE CONDITIONS 5-YR 24-HR CONDUITS

		ID	Full Depth (ft)	Full Flow (cfs)	Percent Slope (%)	Maximum Flow (cfs)	Maximum Flow Class	Max.Flow Day-Time (day-time)	Velocity at Maximum Flow (ft/s)	Maximum Velocity (ft/s)	Max.Flow/Fu ll Flow	Max.Depth/F ull Depth	Reserve Capacity (cfs)	Total Flow Volume (MG)	Maximum Top Width (ft)	Both End Surcharge Time (hrs)	Upstream Surcharge Time (hrs)	Downstream Surcharge Time (hrs)	Above Full-Flow Time (hrs)	Capacity Limited Time (hrs)	Instability Index
1079	☐	718	2.00	44.74	3.91	21.56	Backwater	0 - 09:55 hrs	8.59	8.61	0.48	1.00	23.18	1.87	2.00	0.83	0.83	1.04	0.00	0.00	4
1080	☐	719	2.50	16.66	0.22	37.24	ceeds Capac	0 - 10:00 hrs	7.60	7.61	2.24	1.00	-20.58	1.88	2.50	0.23	0.42	0.23	0.59	0.23	0
1081	☐	72	1.75	9.44	0.47	11.91	ceeds Capac	0 - 10:23 hrs	4.95	4.95	1.26	1.00	-2.47	1.98	1.75	1.50	1.53	1.50	1.63	1.50	13
1082	☐	720	2.50	49.92	1.48	35.48	Backwater	0 - 10:00 hrs	8.32	8.90	0.71	1.00	14.44	1.88	2.50	0.23	0.23	0.30	0.00	0.00	1
1083	☐	721	3.00	37.09	0.31	36.91	Backwater	0 - 10:00 hrs	6.55	6.83	1.00	1.00	0.18	1.88	3.00	0.22	0.22	0.26	0.00	0.01	2
1084	☐	722	3.00	46.46	0.49	35.40	Backwater	0 - 10:00 hrs	5.68	7.26	0.76	1.00	11.07	1.87	3.00	0.26	0.26	0.51	0.00	0.00	2
1085	☐	723	3.00	47.12	0.50	34.49	Backwater	0 - 09:59 hrs	5.60	7.07	0.73	1.00	12.62	1.87	3.00	0.52	0.52	0.66	0.00	0.00	3
1086	☐	724	3.00	42.01	0.40	27.67	Backwater	0 - 10:11 hrs	3.91	4.79	0.66	1.00	14.34	1.88	3.00	0.66	0.66	0.84	0.00	0.00	4
1087	☐	725	3.00	43.12	0.42	39.87	Backwater	0 - 10:08 hrs	5.64	5.64	0.92	1.00	3.25	3.74	3.00	0.95	0.95	1.70	0.00	0.01	4
1088	☐	726	3.00	29.83	0.20	30.89	ceeds Capac	0 - 10:03 hrs	5.13	5.53	1.04	1.00	-1.05	1.55	3.00	0.06	0.06	0.10	0.02	0.01	0
1089	☐	727	3.00	37.20	0.31	30.19	Backwater	0 - 10:04 hrs	4.27	5.40	0.81	1.00	7.01	1.55	3.00	0.10	0.10	0.32	0.00	0.00	0
1090	☐	728	3.50	64.80	0.41	45.65	Backwater	0 - 10:06 hrs	4.74	6.46	0.70	1.00	19.15	2.45	3.50	0.27	0.27	0.37	0.00	0.00	0
1091	☐	729	3.50	43.26	0.18	45.67	ceeds Capac	0 - 10:06 hrs	4.75	5.09	1.06	1.00	-2.41	2.43	3.50	0.37	0.37	0.58	0.04	0.05	0
1092	☐	73	1.75	7.88	0.33	11.91	ceeds Capac	0 - 10:57 hrs	4.95	4.95	1.51	1.00	-4.04	1.98	1.75	1.47	1.61	1.47	2.10	1.47	9
1093	☐	730	3.50	64.83	0.42	42.07	Backwater	0 - 10:07 hrs	4.37	4.37	0.65	1.00	22.76	2.43	3.50	0.97	0.97	1.48	0.00	0.00	5
1094	☐	731	3.50	73.33	0.53	42.06	Backwater	0 - 10:07 hrs	4.37	5.99	0.57	1.00	31.27	2.43	3.50	0.76	0.76	0.97	0.00	0.00	3
1095	☐	733	2.50	21.90	0.29	36.10	ceeds Capac	0 - 09:59 hrs	7.35	7.35	1.65	1.00	-14.20	2.27	2.50	0.81	0.81	1.01	0.55	0.54	1
1096	☐	734	2.50	42.25	1.06	36.10	Backwater	0 - 09:59 hrs	7.36	7.36	0.85	1.00	6.15	2.27	2.50	0.59	0.59	0.81	0.00	0.00	2
1097	☐	735	2.25	35.17	1.29	14.14	Backwater	0 - 10:07 hrs	3.56	3.95	0.40	1.00	21.03	0.75	2.25	0.48	0.48	0.62	0.00	0.00	3
1098	☐	736	2.25	14.84	0.23	14.14	Backwater	0 - 10:02 hrs	3.56	4.79	0.95	1.00	0.70	0.75	2.25	0.45	0.45	0.49	0.00	0.05	2
1099	☐	737	2.25	14.70	0.23	14.14	Backwater	0 - 10:07 hrs	3.56	4.69	0.96	1.00	0.56	0.75	2.25	0.41	0.41	0.43	0.00	0.04	1
1100	☐	738	2.00	14.60	0.42	14.82	Backwater	0 - 09:57 hrs	5.47	5.47	1.02	1.00	-0.22	0.75	2.00	0.35	0.35	0.42	0.00	0.03	1
1101	☐	739	2.00	15.27	0.46	15.64	Backwater	0 - 09:57 hrs	5.11	5.12	1.02	1.00	-0.37	0.76	2.00	0.28	0.28	0.38	0.01	0.00	1
1102	☐	74	2.00	32.06	2.01	22.85	Free Surface	0 - 10:03 hrs	11.08	11.08	0.71	0.62	9.21	1.09	2.00	0.00	0.00	0.00	0.00	0.00	0
1103	☐	740	2.50	21.23	0.27	43.21	ceeds Capac	0 - 10:00 hrs	8.80	8.80	2.04	1.00	-21.98	2.97	2.50	0.98	0.99	1.00	0.80	0.76	1
1104	☐	741	2.00	10.76	0.23	16.08	ceeds Capac	0 - 09:59 hrs	5.59	5.59	1.49	1.00	-5.32	0.70	2.00	0.24	0.28	0.28	0.22	0.15	0
1105	☐	742	1.75	7.45	0.29	14.19	ceeds Capac	0 - 09:49 hrs	5.90	5.90	1.91	1.00	-6.74	1.84	1.75	1.17	1.78	1.17	2.08	1.17	2
1106	☐	743	1.75	9.28	0.46	14.20	ceeds Capac	0 - 09:49 hrs	5.90	5.90	1.53	1.00	-4.92	1.84	1.75	0.93	1.17	0.93	1.50	0.93	6
1107	☐	744	2.00	12.45	0.30	18.00	ceeds Capac	0 - 10:03 hrs	5.73	5.73	1.45	1.00	-5.55	1.65	2.00	0.66	0.67	0.66	0.70	0.20	2
1108	☐	745	2.50	28.13	0.47	36.71	ceeds Capac	0 - 09:56 hrs	7.48	7.48	1.31	1.00	-8.58	3.09	2.50	0.57	0.58	0.61	0.09	0.04	1
1109	☐	746	2.50	26.79	0.43	36.69	ceeds Capac	0 - 09:56 hrs	7.54	7.72	1.37	1.00	-9.89	3.09	2.50	0.57	0.61	0.58	0.13	0.03	2
1110	☐	747	3.00	36.75	0.30	35.71	Backwater	0 - 09:56 hrs	5.40	5.82	0.97	1.00	1.04	3.09	3.00	0.60	0.60	0.67	0.00	0.00	3
1111	☐	748	1.50	7.56	0.69	13.68	ceeds Capac	0 - 09:57 hrs	7.74	7.74	1.81	1.00	-6.12	0.56	1.50	0.51	0.56	0.63	0.33	0.26	1
1112	☐	749	3.00	47.87	0.52	46.29	Backwater	0 - 09:56 hrs	7.02	7.48	0.97	1.00	1.58	3.65	3.00	0.66	0.66	0.69	0.00	0.01	4
1113	☐	75	1.75	7.08	0.27	6.02	Free Surface	0 - 10:00 hrs	3.38	3.38	0.85	0.71	1.06	0.25	1.75	0.00	0.00	0.00	0.00	0.00	0
1114	☐	750	3.00	38.79	0.34	44.89	ceeds Capac	0 - 09:57 hrs	6.35	6.52	1.16	1.00	-6.10	3.65	3.00	0.72	0.72	0.77	0.02	0.01	4
1115	☐	751	3.00	41.80	0.39	44.90	ceeds Capac	0 - 09:57 hrs	6.35	6.35	1.07	1.00	-3.10	3.65	3.00	0.77	0.77	0.86	0.01	0.01	3
1116	☐	752	2.25	17.46	0.32	7.44	Backwater	0 - 09:57 hrs	1.87	2.25	0.43	1.00	10.02	0.01	2.25	0.41	0.41	0.56	0.00	0.00	3
1117	☐	753	3.00	44.96	0.45	54.58	ceeds Capac	0 - 09:57 hrs	7.72	7.72	1.21	1.00	-9.61	5.03	3.00	0.83	0.83	0.89	0.27	0.28	2
1118	☐	754	3.00	49.40	0.55	72.11	ceeds Capac	0 - 09:57 hrs	10.20	10.20	1.46	1.00	-22.71	5.78	3.00	0.88	0.88	0.98	0.59	0.59	3
1119	☐	755	3.00	45.05	0.46	67.54	ceeds Capac	0 - 09:57 hrs	9.56	9.56	1.50	1.00	-22.49	5.61	3.00	0.88	0.89	0.88	0.94	0.85	3
1120	☐	756	3.50	64.49	0.41	106.57	ceeds Capac	0 - 10:00 hrs	11.13	11.20	1.65	1.00	-42.08	8.75	3.50	0.35	0.80	0.35	0.97	0.35	1
1121	☐	757	1.50	6.91	0.58	7.78	Backwater	0 - 10:00 hrs	4.44	4.84	1.13	1.00	-0.87	0.00	1.50	0.29	0.29	0.39	0.00	0.00	2
1122	☐	758	2.25	40.80	1.74	16.16	Free Surface	0 - 09:59 hrs	5.28	5.28	0.40	0.80	24.64	0.73	2.25	0.00	0.00	0.58	0.00	0.00	0
1123	☐	759	3.50	121.98	1.47	124.35	ceeds Capac	0 - 10:02 hrs	12.93	13.84	1.02	1.00	-2.38	9.78	3.50	0.33	0.33	0.49	0.03	0.01	1
1124	☐	76	1.75	8.43	0.38	5.99	Free Surface	0 - 10:00 hrs	3.52	3.52	0.71	0.67	2.44	0.25	1.75	0.00	0.00	0.00	0.00	0.00	0
1125	☐	760	5.00	113.45	0.54	159.50	Free Surface	0 - 10:07 hrs	9.55	9.58	1.41	0.80	-46.04	12.73	5.00	0.00	0.60	0.00	0.70	0.00	0
1126	☐	761	5.00	106.67	0.48	31.95	Backwater	0 - 10:15 hrs	1.63	1.63	0.30	1.00	74.71	1.67	5.00	0.24	0.24	0.61	0.00	0.00	1
1127	☐	763	5.00	101.80	0.44	31.83	Free Surface	0 - 10:15 hrs	2.07	4.41	0.31	0.81	69.96	1.67	5.00	0.00	0.00	0.21	0.00	0.00	0

FUTURE CONDITIONS 5-YR 24-HR CONDUITS

		ID	Full Depth (ft)	Full Flow (cfs)	Percent Slope (%)	Maximum Flow (cfs)	Maximum Flow Class	Max.Flow Day-Time (day-time)	Velocity at Maximum Flow (ft/s)	Maximum Velocity (ft/s)	Max.Flow/Fu ll Flow	Max.Depth/F ull Depth	Reserve Capacity (cfs)	Total Flow Volume (MG)	Maximum Top Width (ft)	Both End Surcharge Time (hrs)	Upstream Surcharge Time (hrs)	Downstream Surcharge Time (hrs)	Above Full-Flow Time (hrs)	Capacity Limited Time (hrs)	Instability Index
1128	☐	764	5.00	147.01	0.91	0.00	Free Surface	0 - 00:00 hrs	0.00	0.00	0.00	0.31	147.01	0.00	4.63	0.00	0.00	0.00	0.00	0.00	0
1129	☐	767	5.00	488.15	3.51	0.00	Free Surface	0 - 00:00 hrs	0.00	0.00	0.00	0.00	488.15	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0
1130	☐	768	4.50	142.84	0.53	177.86	ceeds Capac	0 - 09:59 hrs	11.23	11.23	1.25	1.00	-35.02	9.72	4.50	0.74	0.74	0.86	0.02	0.04	6
1131	☐	769	4.50	123.82	0.40	146.48	ceeds Capac	0 - 09:59 hrs	9.21	9.21	1.18	1.00	-22.66	8.12	4.50	0.78	0.79	0.78	0.43	0.33	4
1132	☐	77	1.75	9.39	0.47	6.20	Free Surface	0 - 09:59 hrs	4.05	4.06	0.66	0.61	3.19	0.25	1.75	0.00	0.00	0.00	0.00	0.00	0
1133	☐	770	4.50	124.55	0.40	180.66	ceeds Capac	0 - 09:59 hrs	11.49	11.49	1.45	1.00	-56.11	9.73	4.50	0.74	0.77	0.74	0.92	0.72	6
1134	☐	771	5.50	225.47	0.45	223.06	Backwater	0 - 10:03 hrs	9.39	10.22	0.99	1.00	2.41	27.70	5.50	0.75	0.75	0.85	0.00	0.04	3
1135	☐	772	2.50	36.97	0.81	37.41	ceeds Capac	0 - 10:03 hrs	7.62	7.62	1.01	1.00	-0.43	2.14	2.50	0.64	0.64	0.89	0.06	0.05	1
1136	☐	774	3.50	32.50	0.10	25.65	Backwater	0 - 10:03 hrs	2.67	3.90	0.79	1.00	6.85	1.24	3.50	0.26	0.26	0.29	0.00	0.01	0
1137	☐	775	3.50	47.83	0.23	31.05	Backwater	0 - 10:03 hrs	3.23	3.23	0.65	1.00	16.77	1.65	3.50	0.29	0.29	0.37	0.00	0.01	1
1138	☐	776	3.50	51.61	0.26	31.03	Backwater	0 - 10:03 hrs	3.23	4.60	0.60	1.00	20.58	1.65	3.50	0.18	0.18	0.29	0.00	0.01	0
1139	☐	777	1.75	5.06	0.14	7.60	ceeds Capac	0 - 09:59 hrs	3.17	3.17	1.50	1.00	-2.54	0.31	1.75	0.39	0.42	0.43	0.21	0.13	2
1140	☐	778	3.50	27.37	0.07	19.96	Backwater	0 - 10:00 hrs	3.05	3.20	0.73	1.00	7.42	0.92	3.50	0.22	0.22	0.23	0.00	0.01	0
1141	☐	779	3.50	51.12	0.26	26.83	Backwater	0 - 10:03 hrs	2.79	3.37	0.52	1.00	24.29	0.66	3.50	0.16	0.16	0.20	0.00	0.00	1
1142	☐	78	1.75	22.54	2.70	6.48	Free Surface	0 - 09:59 hrs	5.71	5.71	0.29	0.48	16.07	0.25	1.75	0.00	0.00	0.00	0.00	0.00	0
1143	☐	780	2.50	11.91	0.08	13.02	ceeds Capac	0 - 09:55 hrs	2.65	2.65	1.09	1.00	-1.11	1.67	2.50	16.28	16.28	16.70	0.31	0.36	45
1144	☐	781	2.00	10.69	0.22	13.04	ceeds Capac	0 - 09:55 hrs	4.15	4.15	1.22	1.00	-2.35	1.68	2.00	16.45	16.45	16.74	0.56	0.67	64
1145	☐	782	2.00	11.20	0.25	13.07	ceeds Capac	0 - 09:53 hrs	4.16	4.16	1.17	1.00	-1.87	1.68	2.00	16.20	16.20	16.45	0.43	0.49	60
1146	☐	783	2.00	12.29	0.29	13.05	ceeds Capac	0 - 09:53 hrs	4.15	4.15	1.06	1.00	-0.77	1.71	2.00	15.45	15.45	16.20	0.26	0.29	45
1147	☐	784	2.00	14.52	0.41	13.03	Backwater	0 - 09:53 hrs	4.15	4.15	0.90	1.00	1.49	1.72	2.00	15.19	15.19	15.46	0.00	0.05	59
1148	☐	785	2.00	12.74	0.32	13.89	ceeds Capac	0 - 10:03 hrs	4.42	4.42	1.09	1.00	-1.15	1.75	2.00	14.99	14.99	15.14	0.74	0.78	59
1149	☐	786	2.00	12.21	0.29	14.61	ceeds Capac	0 - 10:18 hrs	4.65	4.65	1.20	1.00	-2.40	1.77	2.00	14.74	14.74	14.94	0.79	0.80	51
1150	☐	787	2.00	4.64	0.04	21.31	ceeds Capac	0 - 09:59 hrs	7.00	7.00	4.59	1.00	-16.67	0.98	2.00	13.93	14.05	13.93	1.06	2.96	47
1151	☐	788	2.25	6.50	0.04	21.29	Backwater	0 - 09:59 hrs	5.36	5.36	3.27	1.00	-14.79	0.98	2.25	13.96	13.96	14.06	0.69	3.00	48
1152	☐	789	2.00	12.89	0.32	21.29	ceeds Capac	0 - 09:59 hrs	6.78	6.78	1.65	1.00	-8.41	0.99	2.00	14.09	14.09	14.09	0.30	1.57	53
1153	☐	79	3.00	41.33	0.38	28.84	Backwater	0 - 10:02 hrs	4.08	5.10	0.70	1.00	12.49	4.57	3.00	0.70	0.70	1.10	0.00	0.01	3
1154	☐	790	2.00	10.12	0.20	21.28	ceeds Capac	0 - 09:59 hrs	6.77	6.77	2.10	1.00	-11.15	0.99	2.00	13.73	13.76	14.06	0.43	0.36	46
1155	☐	792	2.00	15.66	0.48	4.87	Backwater	0 - 09:59 hrs	1.95	1.95	0.31	1.00	10.79	0.19	2.00	13.77	13.77	13.88	0.00	0.00	83
1156	☐	793	2.00	20.76	0.84	1.61	Backwater	0 - 09:59 hrs	0.68	1.45	0.08	1.00	19.15	0.05	2.00	13.68	13.68	13.88	0.00	0.00	49
1157	☐	794	2.00	19.50	0.74	1.86	Backwater	0 - 09:57 hrs	1.11	1.62	0.10	1.00	17.65	0.06	2.00	13.50	13.50	13.68	0.00	0.04	50
1158	☐	796	2.25	10.77	0.12	11.45	Backwater	0 - 10:00 hrs	3.62	3.62	1.06	1.00	-0.68	0.50	2.25	13.72	13.72	13.77	0.11	0.10	55
1159	☐	797	2.00	8.51	0.14	11.44	Backwater	0 - 10:04 hrs	3.74	3.97	1.34	1.00	-2.93	0.50	2.00	13.71	13.71	13.80	0.21	0.02	43
1160	☐	799	2.00	10.90	0.23	11.49	Backwater	0 - 10:03 hrs	3.68	3.82	1.05	1.00	-0.60	0.51	2.00	13.33	13.33	13.71	0.12	0.00	47
1161	☐	8	4.50	136.95	0.49	58.80	Backwater	0 - 12:52 hrs	3.70	3.70	0.43	1.00	78.15	12.42	4.50	17.49	17.49	20.78	0.00	0.00	51
1162	☐	80	2.50	23.79	0.34	12.79	Backwater	0 - 10:48 hrs	3.07	4.92	0.54	1.00	11.00	3.76	2.50	0.55	0.55	0.81	0.00	0.00	3
1163	☐	800	2.00	7.79	0.12	11.89	Backwater	0 - 09:59 hrs	3.87	3.87	1.53	1.00	-4.10	0.51	2.00	13.08	13.12	13.33	0.26	0.08	47
1164	☐	801	2.25	9.77	0.10	23.03	ceeds Capac	0 - 10:00 hrs	5.79	5.79	2.36	1.00	-13.26	1.22	2.25	13.21	13.22	13.72	0.58	1.02	43
1165	☐	802	2.50	12.93	0.10	22.95	ceeds Capac	0 - 09:59 hrs	4.67	4.67	1.78	1.00	-10.02	1.22	2.50	12.49	12.49	12.97	0.41	0.68	44
1166	☐	803	2.50	13.04	0.10	23.18	ceeds Capac	0 - 09:59 hrs	4.72	4.72	1.78	1.00	-10.14	1.22	2.50	12.97	12.97	13.33	0.40	0.67	45
1167	☐	804	2.50	15.22	0.14	22.91	ceeds Capac	0 - 09:59 hrs	4.67	4.67	1.51	1.00	-7.69	1.20	2.50	13.33	13.33	14.04	0.30	0.26	39
1168	☐	805	2.50	23.48	0.33	23.01	Backwater	0 - 09:59 hrs	4.69	4.69	0.98	1.00	0.47	1.20	2.50	14.04	14.04	14.05	0.00	0.03	47
1169	☐	806	2.50	13.53	0.09	22.97	Backwater	0 - 09:59 hrs	4.82	4.82	1.70	1.00	-9.43	1.19	2.50	13.91	13.91	14.05	0.34	0.00	48
1170	☐	807	2.00	15.95	0.50	7.46	Free Surface	0 - 09:59 hrs	4.87	4.88	0.47	0.49	8.49	0.30	2.00	0.00	0.00	0.00	0.00	0.00	0
1171	☐	808	2.00	11.29	0.25	7.08	Free Surface	0 - 10:00 hrs	4.37	4.37	0.63	0.51	4.21	0.30	1.98	0.00	0.00	0.00	0.00	0.00	0
1172	☐	809	2.00	34.93	2.38	7.08	Free Surface	0 - 10:00 hrs	5.79	5.83	0.20	0.41	27.84	0.30	1.97	0.00	0.00	0.00	0.00	0.00	0
1173	☐	81	2.00	32.34	2.04	3.53	Free Surface	0 - 10:00 hrs	1.70	1.70	0.11	0.66	28.80	0.00	2.00	0.00	0.00	0.57	0.00	0.00	0
1174	☐	810	2.00	31.70	1.96	17.71	Free Surface	0 - 09:59 hrs	9.10	9.13	0.56	0.60	13.99	0.78	2.00	0.00	0.00	0.00	0.00	0.00	0
1175	☐	811	2.00	25.50	1.27	17.59	Free Surface	0 - 10:04 hrs	8.92	8.92	0.69	0.60	7.92	0.78	2.00	0.00	0.00	0.00	0.00	0.00	0
1176	☐	812	2.00	30.66	1.84	17.58	Free Surface	0 - 10:04 hrs	9.76	9.80	0.57	0.56	13.08	0.78	2.00	0.00	0.00	0.00	0.00	0.00	0

FUTURE CONDITIONS 5-YR 24-HR CONDUITS

		ID	Full Depth (ft)	Full Flow (cfs)	Percent Slope (%)	Maximum Flow (cfs)	Maximum Flow Class	Max.Flow Day-Time (day-time)	Velocity at Maximum Flow (ft/s)	Maximum Velocity (ft/s)	Max.Flow/Fu ll Flow	Max.Depth/F ull Depth	Reserve Capacity (cfs)	Total Flow Volume (MG)	Maximum Top Width (ft)	Both End Surcharge Time (hrs)	Upstream Surcharge Time (hrs)	Downstream Surcharge Time (hrs)	Above Full-Flow Time (hrs)	Capacity Limited Time (hrs)	Instability Index
1177	☐	813	2.00	28.14	1.55	17.57	Free Surface	0 - 10:04 hrs	9.45	9.45	0.62	0.57	10.57	0.77	2.00	0.00	0.00	0.00	0.00	0.00	0
1178	☐	814	2.00	22.76	1.01	17.57	Free Surface	0 - 10:04 hrs	7.99	7.99	0.77	0.66	5.20	0.77	2.00	0.00	0.00	0.00	0.00	0.00	0
1179	☐	815	2.00	37.43	2.74	17.57	Free Surface	0 - 10:04 hrs	11.72	11.72	0.47	0.48	19.86	0.77	2.00	0.00	0.00	0.00	0.00	0.00	0
1180	☐	816	2.75	8.74	0.03	56.16	Free Surface	0 - 09:59 hrs	9.68	9.68	6.42	0.94	-47.42	2.98	2.75	0.00	0.00	0.40	2.31	0.00	1
1181	☐	817	2.75	47.71	0.81	52.04	ceeds Capac	0 - 10:07 hrs	8.76	8.76	1.09	1.00	-4.32	2.82	2.75	0.27	0.27	0.40	0.19	0.19	1
1182	☐	818	2.50	42.45	1.07	52.04	ceeds Capac	0 - 10:07 hrs	10.60	10.60	1.23	1.00	-9.59	2.82	2.50	0.24	0.24	0.29	0.22	0.21	1
1183	☐	819	2.50	69.89	2.90	57.59	Free Surface	0 - 10:04 hrs	12.73	12.73	0.82	0.87	12.29	2.84	2.50	0.00	0.00	0.23	0.00	0.00	0
1184	☐	82	2.50	20.80	0.26	11.93	Backwater	0 - 10:00 hrs	4.59	4.70	0.57	1.00	8.87	3.76	2.50	0.30	0.30	0.49	0.00	0.00	2
1185	☐	820	2.50	68.99	2.83	28.02	Free Surface	0 - 10:04 hrs	9.39	9.91	0.41	0.59	40.97	1.36	2.50	0.00	0.00	0.00	0.00	0.00	0
1186	☐	821	2.50	33.24	0.66	28.04	Free Surface	0 - 10:04 hrs	7.59	7.59	0.84	0.70	5.21	1.36	2.50	0.00	0.00	0.00	0.00	0.00	0
1187	☐	822	2.50	31.67	0.60	28.32	Free Surface	0 - 10:04 hrs	7.34	7.34	0.89	0.73	3.35	1.37	2.50	0.00	0.00	0.00	0.00	0.00	0
1188	☐	823	2.50	29.61	0.52	28.49	Free Surface	0 - 10:03 hrs	7.12	7.12	0.96	0.76	1.12	1.37	2.50	0.00	0.00	0.00	0.00	0.00	0
1189	☐	824	4.50	563.18	8.20	102.68	Free Surface	0 - 10:07 hrs	17.25	19.09	0.18	0.40	460.50	15.18	4.41	0.00	0.00	0.00	0.00	0.00	0
1190	☐	825	4.50	137.74	0.49	102.76	Free Surface	0 - 10:07 hrs	9.42	9.42	0.75	0.65	34.98	15.18	4.50	0.00	0.00	0.00	0.00	0.00	0
1191	☐	826	4.50	155.55	0.63	102.73	Free Surface	0 - 10:07 hrs	10.45	10.45	0.66	0.59	52.82	15.18	4.50	0.00	0.00	0.00	0.00	0.00	0
1192	☐	827	4.00	430.88	9.00	102.79	Free Surface	0 - 10:07 hrs	16.37	16.38	0.24	0.50	328.09	15.19	4.00	0.00	0.00	0.00	0.00	0.00	0
1193	☐	828	4.00	67.05	0.22	102.79	Free Surface	0 - 10:07 hrs	9.43	9.43	1.53	0.81	-35.74	15.19	4.00	0.00	0.00	0.00	1.76	0.00	0
1194	☐	829	4.00	125.82	0.77	102.75	Free Surface	0 - 10:07 hrs	9.90	9.90	0.82	0.77	23.07	15.19	4.00	0.00	0.00	0.00	0.00	0.00	0
1195	☐	83	1.50	5.69	0.39	11.71	ceeds Capac	0 - 10:42 hrs	6.81	6.81	2.06	1.00	-6.03	3.76	1.50	0.57	10.23	0.57	10.58	0.56	6
1196	☐	830	4.00	90.18	0.39	102.75	Free Surface	0 - 10:06 hrs	9.05	9.05	1.14	0.85	-12.57	15.19	4.00	0.00	0.00	0.00	1.07	0.00	0
1197	☐	831	2.25	29.96	0.94	24.56	Backwater	0 - 10:18 hrs	6.18	6.36	0.82	1.00	5.40	5.64	2.25	1.05	1.05	2.69	0.00	0.00	1
1198	☐	832	2.25	19.21	0.38	24.49	ceeds Capac	0 - 10:18 hrs	6.16	6.18	1.27	1.00	-5.28	5.64	2.25	0.94	1.96	0.94	3.45	0.94	5
1199	☐	833	2.25	19.56	0.40	24.49	ceeds Capac	0 - 10:18 hrs	6.16	6.16	1.25	1.00	-4.93	5.65	2.25	2.11	2.28	2.11	2.63	2.11	12
1200	☐	834	2.25	32.05	1.07	24.85	Backwater	0 - 10:15 hrs	6.25	6.70	0.78	1.00	7.20	5.65	2.25	1.98	1.98	2.28	0.00	0.01	16
1201	☐	835	2.25	21.68	0.49	24.83	ceeds Capac	0 - 10:11 hrs	6.25	6.43	1.15	1.00	-3.15	5.65	2.25	1.73	1.73	1.98	1.76	1.51	5
1202	☐	837	3.50	51.11	0.26	85.51	ceeds Capac	0 - 09:59 hrs	8.89	8.89	1.67	1.00	-34.40	9.42	3.50	1.04	1.11	1.04	1.27	1.04	5
1203	☐	838	3.50	55.38	0.30	78.08	ceeds Capac	0 - 10:11 hrs	8.12	8.12	1.41	1.00	-22.70	8.95	3.50	1.09	1.09	1.19	1.06	1.04	3
1204	☐	839	3.00	34.02	0.26	34.93	ceeds Capac	0 - 10:22 hrs	4.94	4.94	1.03	1.00	-0.91	3.70	3.00	1.06	1.06	1.17	0.10	0.13	4
1205	☐	84	2.50	51.72	1.59	33.23	Backwater	0 - 09:59 hrs	6.77	6.77	0.64	1.00	18.49	1.79	2.50	0.26	0.26	8.30	0.00	0.00	7
1206	☐	840	2.00	16.40	0.53	22.20	ceeds Capac	0 - 09:52 hrs	7.07	7.07	1.35	1.00	-5.79	1.74	2.00	0.61	0.61	0.69	0.41	0.40	0
1207	☐	841	2.00	17.27	0.58	25.23	ceeds Capac	0 - 10:03 hrs	8.03	8.03	1.46	1.00	-7.96	1.41	2.00	0.53	0.53	0.61	0.35	0.35	0
1208	☐	842	2.00	6.49	0.08	22.19	ceeds Capac	0 - 09:52 hrs	7.21	7.29	3.42	1.00	-15.69	1.73	2.00	0.51	0.84	0.51	1.98	0.51	2
1209	☐	843	2.00	19.63	0.75	21.44	ceeds Capac	0 - 09:52 hrs	6.82	6.82	1.09	1.00	-1.81	1.73	2.00	0.62	0.62	0.66	0.19	0.20	2
1210	☐	844	2.00	20.30	0.81	21.43	ceeds Capac	0 - 10:17 hrs	6.82	7.26	1.06	1.00	-1.13	1.73	2.00	0.58	0.58	0.61	0.13	0.13	2
1211	☐	845	2.00	17.26	0.58	29.05	ceeds Capac	0 - 09:53 hrs	9.25	9.25	1.68	1.00	-11.79	2.26	2.00	0.54	0.69	0.54	0.77	0.54	2
1212	☐	846	1.25	9.56	2.91	6.00	Free Surface	0 - 09:59 hrs	8.22	8.22	0.63	0.57	3.55	0.22	1.25	0.00	0.00	0.00	0.00	0.00	0
1213	☐	847	2.50	30.25	0.54	49.79	ceeds Capac	0 - 09:59 hrs	10.14	10.14	1.65	1.00	-19.53	3.17	2.50	0.20	0.46	0.20	0.55	0.20	1
1214	☐	848	1.25	9.98	3.18	6.02	Free Surface	0 - 09:59 hrs	5.83	5.83	0.60	0.79	3.96	0.22	1.25	0.00	0.00	0.70	0.00	0.00	0
1215	☐	849	2.25	23.60	0.58	40.31	ceeds Capac	0 - 09:59 hrs	10.14	10.14	1.71	1.00	-16.71	2.82	2.25	0.25	0.49	0.25	0.67	0.25	2
1216	☐	85	3.50	27.09	0.07	49.63	Backwater	0 - 10:02 hrs	5.16	5.16	1.83	1.00	-22.54	0.00	3.50	6.81	6.81	7.80	0.51	0.19	22
1217	☐	850	2.25	31.57	1.04	40.30	ceeds Capac	0 - 09:59 hrs	10.14	10.14	1.28	1.00	-8.73	2.82	2.25	0.45	0.45	0.49	0.44	0.43	2
1218	☐	851	2.25	35.65	1.32	40.32	ceeds Capac	0 - 09:59 hrs	10.14	10.14	1.13	1.00	-4.67	2.82	2.25	0.40	0.40	0.45	0.26	0.25	2
1219	☐	852	2.25	32.15	1.08	36.29	ceeds Capac	0 - 09:59 hrs	9.13	9.51	1.13	1.00	-4.14	2.69	2.25	0.38	0.38	0.40	0.38	0.36	2
1220	☐	853	2.25	36.89	1.42	36.91	Backwater	0 - 09:55 hrs	9.72	10.69	1.00	1.00	-0.02	2.69	2.25	0.30	0.30	0.35	0.00	0.05	2
1221	☐	854	2.25	26.62	0.74	33.75	ceeds Capac	0 - 09:56 hrs	8.50	8.63	1.27	1.00	-7.13	2.51	2.25	0.30	0.42	0.30	0.49	0.30	2
1222	☐	855	2.25	19.68	0.40	29.07	ceeds Capac	0 - 09:53 hrs	7.37	7.69	1.48	1.00	-9.39	2.26	2.25	0.42	0.49	0.42	0.65	0.41	2
1223	☐	856	2.50	13.58	0.11	49.81	Free Surface	0 - 09:59 hrs	10.29	10.29	3.67	0.96	-36.23	3.17	2.50	0.00	0.49	0.00	1.55	0.00	0
1224	☐	857	1.25	8.07	2.08	4.34	Free Surface	0 - 09:59 hrs	6.69	6.69	0.54	0.52	3.73	0.15	1.25	0.00	0.00	0.00	0.00	0.00	0
1225	☐	858	1.25	7.04	1.58	4.30	Free Surface	0 - 09:59 hrs	6.02	6.02	0.61	0.57	2.73	0.15	1.25	0.00	0.00	0.00	0.00	0.00	0

FUTURE CONDITIONS 5-YR 24-HR CONDUITS

		ID	Full Depth (ft)	Full Flow (cfs)	Percent Slope (%)	Maximum Flow (cfs)	Maximum Flow Class	Max.Flow Day-Time (day-time)	Velocity at Maximum Flow (ft/s)	Maximum Velocity (ft/s)	Max.Flow/Fu ll Flow	Max.Depth/F ull Depth	Reserve Capacity (cfs)	Total Flow Volume (MG)	Maximum Top Width (ft)	Both End Surcharge Time (hrs)	Upstream Surcharge Time (hrs)	Downstream Surcharge Time (hrs)	Above Full-Flow Time (hrs)	Capacity Limited Time (hrs)	Instability Index
1226	☐	859	2.50	50.38	1.51	49.48	Free Surface	0 - 09:59 hrs	11.71	11.71	0.98	0.80	0.90	3.17	2.50	0.00	0.00	0.00	0.00	0.00	0
1227	☐	86	3.00	82.34	1.52	40.85	Backwater	0 - 09:57 hrs	7.19	9.74	0.50	1.00	41.49	3.56	3.00	0.95	0.95	1.18	0.00	0.00	5
1228	☐	860	1.25	7.00	1.56	0.00	Free Surface	0 - 00:00 hrs	0.00	0.00	0.00	0.22	7.00	0.00	1.25	0.00	0.00	0.00	0.00	0.00	0
1229	☐	862	1.75	41.79	9.26	24.84	Free Surface	0 - 10:03 hrs	12.38	12.38	0.59	0.78	16.95	1.13	1.04	0.00	0.00	23.81	0.00	0.00	0
1230	☐	863	2.00	14.57	0.41	23.22	Free Surface	0 - 10:03 hrs	7.64	7.64	1.59	0.93	-8.65	1.05	2.00	0.00	0.22	0.00	0.29	0.00	1
1231	☐	864	2.00	18.73	0.69	16.80	Backwater	0 - 10:04 hrs	5.35	5.43	0.90	1.00	1.93	0.77	2.00	0.11	0.11	0.19	0.00	0.00	0
1232	☐	865	2.00	22.19	0.96	31.10	Free Surface	0 - 10:03 hrs	10.00	10.00	1.40	0.97	-8.90	1.40	2.00	0.00	0.20	0.00	0.24	0.00	1
1233	☐	866	3.00	54.58	0.67	30.98	Free Surface	0 - 10:03 hrs	7.74	7.80	0.57	0.55	23.60	1.40	3.00	0.00	0.00	0.00	0.00	0.00	0
1234	☐	867	2.00	26.37	1.36	11.47	Free Surface	0 - 09:59 hrs	4.66	4.66	0.44	0.73	14.90	0.48	2.00	0.00	0.00	0.35	0.00	0.00	0
1235	☐	868	2.00	39.17	3.00	11.58	Free Surface	0 - 09:59 hrs	9.35	9.35	0.30	0.42	27.58	0.48	1.97	0.00	0.00	0.00	0.00	0.00	0
1236	☐	869	1.50	6.41	0.50	11.65	Free Surface	0 - 09:59 hrs	6.79	6.79	1.82	0.93	-5.25	0.48	1.50	0.00	0.26	0.00	0.33	0.00	0
1237	☐	87	5.00	153.19	0.35	174.23	ceeds Capac	0 - 10:48 hrs	8.87	8.87	1.14	1.00	-21.04	23.22	5.00	1.14	1.17	1.15	0.98	0.86	6
1238	☐	870	2.00	18.90	0.70	15.21	Free Surface	0 - 10:04 hrs	6.71	6.71	0.80	0.68	3.69	0.68	2.00	0.00	0.00	0.00	0.00	0.00	0
1239	☐	871	2.00	22.96	1.03	15.26	Free Surface	0 - 09:59 hrs	7.25	7.28	0.66	0.64	7.70	0.68	2.00	0.00	0.00	0.00	0.00	0.00	0
1240	☐	872	2.00	16.23	0.51	15.57	Free Surface	0 - 09:59 hrs	6.55	6.55	0.96	0.71	0.66	0.68	2.00	0.00	0.00	0.00	0.00	0.00	0
1241	☐	873	2.75	27.27	0.27	43.78	ceeds Capac	0 - 10:26 hrs	7.37	7.37	1.61	1.00	-16.51	4.73	2.75	0.98	0.98	1.10	1.04	0.96	2
1242	☐	875	1.75	48.34	12.39	1.37	Free Surface	0 - 09:49 hrs	1.11	1.11	0.03	0.52	46.97	0.00	1.75	0.00	0.00	14.16	0.00	0.00	0
1243	☐	876	2.75	33.75	0.41	43.78	ceeds Capac	0 - 10:26 hrs	7.37	7.37	1.30	1.00	-10.04	4.74	2.75	1.22	1.22	3.24	0.84	0.84	7
1244	☐	877	2.00	21.57	0.91	14.25	Free Surface	0 - 10:04 hrs	4.94	5.81	0.66	0.86	7.33	0.64	2.00	0.00	0.00	0.30	0.00	0.00	0
1245	☐	878	1.50	7.58	0.69	0.24	Free Surface	0 - 09:59 hrs	0.60	0.67	0.03	0.38	7.33	0.00	1.50	0.00	0.00	0.00	0.00	0.00	0
1246	☐	879	1.50	9.69	1.13	17.21	ceeds Capac	0 - 10:14 hrs	9.74	9.74	1.78	1.00	-7.52	1.26	1.50	0.44	0.64	0.44	0.70	0.44	0
1247	☐	88	5.00	169.92	0.43	147.49	Backwater	0 - 11:04 hrs	7.53	8.31	0.87	1.00	22.42	19.72	5.00	1.08	1.08	1.17	0.00	0.00	7
1248	☐	880	2.00	40.67	3.23	14.01	Free Surface	0 - 09:59 hrs	5.89	8.53	0.34	0.71	26.66	0.64	2.00	0.00	0.00	0.53	0.00	0.00	0
1249	☐	881	2.00	15.98	0.50	28.17	ceeds Capac	0 - 10:04 hrs	8.97	8.97	1.76	1.00	-12.19	1.90	2.00	0.80	0.80	0.91	0.63	0.62	4
1250	☐	882	2.00	15.03	1.26	17.21	ceeds Capac	0 - 10:14 hrs	5.48	5.48	1.14	1.00	-2.17	1.26	2.00	0.67	0.67	0.79	0.25	0.25	2
1251	☐	884	2.00	21.37	0.89	15.94	Backwater	0 - 09:53 hrs	5.07	6.74	0.75	1.00	5.43	1.09	2.00	0.81	0.81	0.85	0.00	0.01	4
1252	☐	885	2.50	18.34	0.20	23.86	ceeds Capac	0 - 09:53 hrs	4.86	4.86	1.30	1.00	-5.52	2.51	2.50	0.83	0.85	0.83	0.66	0.49	3
1253	☐	886	2.50	20.40	0.25	32.20	ceeds Capac	0 - 09:53 hrs	6.56	6.56	1.58	1.00	-11.79	3.15	2.50	0.79	0.83	0.79	1.08	0.77	6
1254	☐	887	2.50	19.23	0.22	32.13	ceeds Capac	0 - 09:53 hrs	6.54	6.54	1.67	1.00	-12.90	3.15	2.50	0.76	0.79	0.76	1.15	0.76	6
1255	☐	888	2.50	21.68	0.28	32.04	ceeds Capac	0 - 09:53 hrs	6.53	6.53	1.48	1.00	-10.36	3.15	2.50	0.75	0.76	0.75	1.01	0.65	7
1256	☐	889	2.50	18.97	0.21	31.97	ceeds Capac	0 - 09:53 hrs	6.51	6.51	1.69	1.00	-13.01	3.15	2.50	0.75	0.77	0.75	1.16	0.64	6
1257	☐	89	5.00	142.01	0.30	148.93	ceeds Capac	0 - 09:57 hrs	8.83	8.94	1.05	1.00	-6.91	19.72	5.00	1.07	1.08	1.08	0.28	0.26	7
1258	☐	890	2.50	22.04	0.29	32.01	ceeds Capac	0 - 09:53 hrs	6.53	6.58	1.45	1.00	-9.97	3.14	2.50	0.73	0.75	0.73	0.99	0.68	6
1259	☐	891	2.50	20.83	0.26	31.81	ceeds Capac	0 - 09:53 hrs	6.73	6.85	1.53	1.00	-10.98	3.14	2.50	0.69	0.75	0.69	1.06	0.69	5
1260	☐	892	2.50	47.16	1.32	66.23	Free Surface	0 - 10:03 hrs	13.89	13.89	1.40	0.93	-19.07	5.39	2.50	0.00	0.73	0.00	0.54	0.00	1
1261	☐	893	2.50	31.25	0.58	37.53	ceeds Capac	0 - 10:08 hrs	7.64	7.64	1.20	1.00	-6.28	3.97	2.50	0.72	0.74	0.73	0.80	0.70	4
1262	☐	894	2.50	14.51	0.13	13.47	Backwater	0 - 10:08 hrs	2.74	2.74	0.93	1.00	1.04	0.82	2.50	0.64	0.64	0.72	0.00	0.02	2
1263	☐	895	2.75	35.15	0.44	13.80	Backwater	0 - 09:55 hrs	2.33	3.83	0.39	1.00	21.35	0.83	2.75	0.51	0.51	0.55	0.00	0.09	5
1264	☐	896	3.50	68.19	0.46	66.66	Backwater	0 - 10:00 hrs	6.93	7.08	0.98	1.00	1.53	5.89	3.50	0.17	0.17	0.41	0.00	0.00	1
1265	☐	897	3.50	85.65	0.72	69.67	Backwater	0 - 10:00 hrs	7.39	8.94	0.81	1.00	15.97	5.89	3.50	0.13	0.13	0.17	0.00	0.01	0
1266	☐	898	3.50	42.25	0.18	70.42	ceeds Capac	0 - 09:59 hrs	7.73	8.09	1.67	1.00	-28.17	5.89	3.50	0.13	0.31	0.13	0.92	0.13	1
1267	☐	899	3.50	126.05	1.57	70.45	Backwater	0 - 09:59 hrs	7.33	8.36	0.56	1.00	55.60	5.89	3.50	0.20	0.20	0.31	0.00	0.00	1
1268	☐	9	4.00	62.38	0.54	33.35	Free Surface	0 - 10:04 hrs	5.50	5.50	0.53	0.49	29.03	1.94	4.00	0.00	0.00	0.00	0.00	0.00	0
1269	☐	90	5.00	143.61	0.30	142.88	Backwater	0 - 09:57 hrs	7.92	8.07	0.99	1.00	0.72	18.69	5.00	1.07	1.07	1.08	0.00	0.09	7
1270	☐	900	2.75	12.44	0.16	28.39	Backwater	0 - 09:56 hrs	5.85	6.09	2.28	1.00	-15.95	2.99	2.75	0.28	0.28	0.30	1.94	0.03	2
1271	☐	901	2.75	19.13	0.37	28.41	ceeds Capac	0 - 09:56 hrs	4.83	4.97	1.49	1.00	-9.28	2.99	2.75	0.30	0.96	0.30	1.12	0.30	3
1272	☐	902	3.75	31.13	0.07	67.09	ceeds Capac	0 - 10:00 hrs	6.08	6.08	2.15	1.00	-35.95	5.88	3.75	0.13	0.16	0.13	1.27	0.11	1
1273	☐	903	3.50	45.38	0.20	66.75	ceeds Capac	0 - 10:00 hrs	6.96	6.96	1.47	1.00	-21.36	5.88	3.50	0.05	0.38	0.05	0.82	0.05	0
1274	☐	904	3.50	48.13	0.23	65.25	Free Surface	0 - 10:02 hrs	8.23	8.31	1.36	0.77	-17.12	5.88	3.50	0.00	0.00	0.00	0.72	0.00	0

FUTURE CONDITIONS 5-YR 24-HR CONDUITS

		ID	Full Depth (ft)	Full Flow (cfs)	Percent Slope (%)	Maximum Flow (cfs)	Maximum Flow Class	Max.Flow Day-Time (day-time)	Velocity at Maximum Flow (ft/s)	Maximum Velocity (ft/s)	Max.Flow/Fu ll Flow	Max.Depth/F ull Depth	Reserve Capacity (cfs)	Total Flow Volume (MG)	Maximum Top Width (ft)	Both End Surcharge Time (hrs)	Upstream Surcharge Time (hrs)	Downstream Surcharge Time (hrs)	Above Full-Flow Time (hrs)	Capacity Limited Time (hrs)	Instability Index
1275	☐	905	3.50	58.96	0.34	65.95	Free Surface	0 - 10:00 hrs	6.89	6.89	1.12	0.99	-6.99	5.88	3.50	0.00	0.05	0.00	0.44	0.00	0
1276	☐	906	3.00	105.81	2.52	80.65	Free Surface	0 - 10:03 hrs	12.90	12.90	0.76	0.83	25.17	6.59	3.00	0.00	0.00	0.57	0.00	0.00	0
1277	☐	907	2.25	31.09	1.01	49.18	ceeds Capac	0 - 09:59 hrs	12.37	12.37	1.58	1.00	-18.09	3.34	2.25	0.61	0.62	0.64	0.65	0.59	2
1278	☐	908	2.50	35.72	0.76	26.87	Backwater	0 - 10:26 hrs	5.56	7.05	0.75	1.00	8.85	2.17	2.50	0.47	0.47	0.57	0.00	0.00	2
1279	☐	909	2.25	27.23	0.77	28.07	Backwater	0 - 09:56 hrs	7.30	7.83	1.03	1.00	-0.84	2.17	2.25	0.48	0.48	0.50	0.00	0.02	3
1280	☐	91	5.00	169.83	0.43	138.56	Backwater	0 - 11:00 hrs	7.16	8.51	0.82	1.00	31.27	18.03	5.00	0.88	0.88	1.07	0.00	0.00	7
1281	☐	910	2.25	25.74	0.69	33.96	ceeds Capac	0 - 09:56 hrs	8.60	8.60	1.32	1.00	-8.22	2.17	2.25	0.43	0.44	0.43	0.22	0.17	3
1282	☐	911	2.25	25.50	0.68	34.45	ceeds Capac	0 - 09:56 hrs	8.67	8.67	1.35	1.00	-8.95	2.17	2.25	0.41	0.44	0.44	0.28	0.19	2
1283	☐	912	2.25	18.80	0.37	14.76	Backwater	0 - 09:56 hrs	3.71	3.77	0.79	1.00	4.03	0.67	2.25	0.37	0.37	0.44	0.00	0.00	0
1284	☐	913	1.75	6.51	0.22	7.31	Backwater	0 - 09:56 hrs	3.04	3.04	1.12	1.00	-0.80	0.00	1.75	0.41	0.41	0.46	0.00	0.00	3
1285	☐	914	1.75	6.85	0.25	7.34	Backwater	0 - 09:56 hrs	3.05	3.05	1.07	1.00	-0.48	0.00	1.75	0.40	0.40	0.41	0.00	0.06	3
1286	☐	916	1.75	6.91	0.25	7.36	Backwater	0 - 09:56 hrs	3.07	3.21	1.07	1.00	-0.45	0.00	1.75	0.36	0.36	0.40	0.00	0.01	3
1287	☐	918	1.50	7.10	0.61	4.29	Backwater	0 - 09:52 hrs	2.48	2.48	0.60	1.00	2.81	0.00	1.50	0.77	0.77	1.07	0.00	0.00	6
1288	☐	919	2.50	15.09	0.14	28.39	ceeds Capac	0 - 09:56 hrs	5.78	5.78	1.88	1.00	-13.30	3.00	2.50	1.05	1.15	1.05	1.48	1.05	4
1289	☐	92	5.00	140.45	0.29	155.54	Backwater	0 - 09:59 hrs	8.83	8.90	1.11	1.00	-15.10	18.02	5.00	0.81	0.81	0.88	0.01	0.00	4
1290	☐	922	2.50	23.40	0.33	36.23	ceeds Capac	0 - 09:59 hrs	7.38	7.38	1.55	1.00	-12.84	3.10	2.50	1.10	1.10	1.15	0.88	0.84	5
1291	☐	923	2.50	25.34	0.38	19.31	Backwater	0 - 09:55 hrs	3.93	5.58	0.76	1.00	6.03	2.14	2.50	0.87	0.87	0.93	0.00	0.00	7
1292	☐	924	2.50	13.00	0.10	21.67	ceeds Capac	0 - 09:52 hrs	5.29	5.46	1.67	1.00	-8.67	2.14	2.50	0.81	0.83	0.81	1.16	0.64	7
1293	☐	925	2.25	17.46	0.32	13.75	Backwater	0 - 09:52 hrs	3.72	3.78	0.79	1.00	3.71	1.39	2.25	0.81	0.81	0.89	0.00	0.00	7
1294	☐	926	1.75	5.85	0.18	15.59	ceeds Capac	0 - 09:52 hrs	6.51	6.51	2.67	1.00	-9.74	1.39	1.75	0.77	1.24	0.77	2.00	0.77	6
1295	☐	927	2.25	16.48	0.28	14.83	Backwater	0 - 09:52 hrs	4.20	4.60	0.90	1.00	1.65	1.40	2.25	0.71	0.71	0.81	0.00	0.00	5
1296	☐	929	2.00	14.81	0.43	10.31	Backwater	0 - 09:55 hrs	3.28	3.70	0.70	1.00	4.51	0.59	2.00	0.98	0.98	1.09	0.00	0.01	6
1297	☐	93	5.00	152.21	0.34	193.54	ceeds Capac	0 - 09:59 hrs	9.86	9.86	1.27	1.00	-41.33	25.06	5.00	0.89	1.15	0.89	1.33	0.88	7
1298	☐	930	2.00	23.39	1.07	15.19	Free Surface	0 - 10:04 hrs	7.27	7.27	0.65	0.63	8.20	0.68	2.00	0.00	0.00	0.00	0.00	0.00	0
1299	☐	931	3.50	62.28	0.38	42.84	Free Surface	0 - 10:06 hrs	6.60	6.63	0.69	0.64	19.44	5.00	3.50	0.00	0.00	0.00	0.00	0.00	0
1300	☐	932	3.00	23.09	0.12	27.83	Free Surface	0 - 10:11 hrs	5.03	5.47	1.21	0.76	-4.74	4.32	3.00	0.00	0.00	0.00	1.32	0.00	0
1301	☐	933	3.00	16.13	0.06	27.83	Free Surface	0 - 09:52 hrs	4.32	4.34	1.72	0.88	-11.69	4.32	3.00	0.00	0.00	0.00	2.25	0.00	0
1302	☐	934	3.00	16.58	0.06	28.77	Free Surface	0 - 09:49 hrs	4.10	4.10	1.74	0.99	-12.19	4.33	3.00	0.00	1.13	0.00	2.18	0.00	1
1303	☐	935	2.50	20.73	0.26	28.35	ceeds Capac	0 - 09:49 hrs	5.78	5.78	1.37	1.00	-7.62	4.33	2.50	1.56	1.56	1.61	1.61	1.54	11
1304	☐	936	2.50	17.31	0.18	28.38	ceeds Capac	0 - 09:49 hrs	5.78	5.78	1.64	1.00	-11.06	4.33	2.50	1.56	1.59	1.56	2.08	1.51	15
1305	☐	937	2.50	12.31	0.09	20.33	ceeds Capac	0 - 10:15 hrs	4.14	4.14	1.65	1.00	-8.02	1.70	2.50	1.64	1.64	1.91	0.86	0.83	6
1306	☐	938	2.50	11.35	0.08	28.36	ceeds Capac	0 - 09:49 hrs	5.78	5.78	2.50	1.00	-17.01	4.34	2.50	1.59	1.81	1.59	3.80	1.58	12
1307	☐	939	2.50	23.33	0.32	15.25	Backwater	0 - 10:03 hrs	3.11	3.11	0.65	1.00	8.07	1.44	2.50	1.55	1.55	1.61	0.00	0.01	8
1308	☐	94	1.50	10.30	0.82	13.50	ceeds Capac	0 - 09:45 hrs	7.64	7.64	1.31	1.00	-3.20	2.34	1.50	2.04	2.04	2.11	2.11	1.99	9
1309	☐	940	2.25	18.85	0.37	30.42	ceeds Capac	0 - 10:03 hrs	7.65	7.65	1.61	1.00	-11.57	2.07	2.25	1.24	1.24	1.62	0.56	0.56	3
1310	☐	941	2.25	18.54	0.36	32.18	ceeds Capac	0 - 10:06 hrs	8.09	8.09	1.74	1.00	-13.64	1.79	2.25	1.10	1.10	1.24	0.47	0.47	3
1311	☐	942	2.00	27.56	1.48	31.10	ceeds Capac	0 - 10:03 hrs	9.90	9.90	1.13	1.00	-3.54	1.40	2.00	0.16	0.16	0.19	0.16	0.14	1
1312	☐	943	2.00	29.52	1.70	31.09	ceeds Capac	0 - 10:03 hrs	9.90	10.44	1.05	1.00	-1.57	1.40	2.00	0.13	0.13	0.16	0.12	0.08	1
1313	☐	945	2.00	23.72	1.10	19.03	Backwater	0 - 10:03 hrs	6.06	7.25	0.80	1.00	4.70	0.87	2.00	0.02	0.02	0.13	0.00	0.00	0
1314	☐	946	2.00	12.30	0.39	10.31	Backwater	0 - 09:55 hrs	3.28	4.44	0.84	1.00	1.99	0.59	2.00	0.81	0.81	0.98	0.00	0.01	4
1315	☐	948	2.00	11.52	0.26	13.66	ceeds Capac	0 - 10:38 hrs	4.51	4.94	1.19	1.00	-2.15	2.29	2.00	0.77	0.79	0.77	1.20	0.26	2
1316	☐	949	2.00	3.10	0.02	13.58	ceeds Capac	0 - 09:45 hrs	4.40	4.50	4.39	1.00	-10.49	2.31	2.00	0.79	1.36	0.79	8.34	0.78	5
1317	☐	95	1.50	10.70	0.88	13.49	ceeds Capac	0 - 09:45 hrs	7.63	7.63	1.26	1.00	-2.79	2.34	1.50	2.01	2.01	2.04	1.54	1.56	9
1318	☐	950	2.00	10.70	0.22	27.60	ceeds Capac	0 - 09:55 hrs	8.79	8.79	2.58	1.00	-16.91	2.38	2.00	0.84	1.04	0.84	1.58	0.83	4
1319	☐	951	2.00	24.42	1.16	27.66	ceeds Capac	0 - 09:55 hrs	8.80	8.80	1.13	1.00	-3.24	2.48	2.00	0.77	0.77	1.04	0.04	0.03	2
1320	☐	952	2.00	21.69	0.92	19.03	Backwater	0 - 09:59 hrs	6.06	7.55	0.88	1.00	2.66	1.93	2.00	0.69	0.69	0.74	0.00	0.00	5
1321	☐	953	2.00	21.86	0.93	19.81	Backwater	0 - 09:52 hrs	6.81	7.83	0.91	1.00	2.05	1.93	2.00	0.62	0.62	0.67	0.00	0.00	3
1322	☐	955	2.00	21.66	0.92	20.92	Backwater	0 - 09:53 hrs	7.07	7.85	0.97	1.00	0.75	1.93	2.00	0.57	0.57	0.60	0.00	0.00	3
1323	☐	956	1.50	11.13	0.96	8.66	Backwater	0 - 09:59 hrs	4.90	4.90	0.78	1.00	2.47	0.34	1.50	0.31	0.31	0.59	0.00	0.00	1

FUTURE CONDITIONS 5-YR 24-HR CONDUITS

		ID	Full Depth (ft)	Full Flow (cfs)	Percent Slope (%)	Maximum Flow (cfs)	Maximum Flow Class	Max.Flow Day-Time (day-time)	Velocity at Maximum Flow (ft/s)	Maximum Velocity (ft/s)	Max.Flow/Fu ll Flow	Max.Depth/F ull Depth	Reserve Capacity (cfs)	Total Flow Volume (MG)	Maximum Top Width (ft)	Both End Surcharge Time (hrs)	Upstream Surcharge Time (hrs)	Downstream Surcharge Time (hrs)	Above Full-Flow Time (hrs)	Capacity Limited Time (hrs)	Instability Index
1324	☐	957	1.75	5.29	0.15	16.20	ceeds Capac	0 - 09:55 hrs	6.76	6.80	3.06	1.00	-10.91	1.60	1.75	0.54	1.70	0.54	2.55	0.54	5
1325	☐	958	2.50	60.69	2.19	36.23	Backwater	0 - 10:23 hrs	7.38	7.38	0.60	1.00	24.46	4.45	2.50	1.31	1.31	2.52	0.00	0.00	7
1326	☐	959	2.50	23.76	0.34	38.05	ceeds Capac	0 - 09:59 hrs	7.75	7.75	1.60	1.00	-14.29	4.52	2.50	1.31	1.37	1.31	1.53	1.31	9
1327	☐	96	1.50	10.67	0.88	13.50	ceeds Capac	0 - 09:45 hrs	7.64	7.64	1.26	1.00	-2.83	2.33	1.50	1.98	1.99	2.01	1.55	1.61	10
1328	☐	960	2.50	23.28	0.32	38.04	ceeds Capac	0 - 09:59 hrs	7.75	7.75	1.63	1.00	-14.75	4.53	2.50	1.37	1.43	1.37	1.54	1.37	9
1329	☐	961	2.50	23.50	0.33	38.05	ceeds Capac	0 - 09:59 hrs	7.75	7.75	1.62	1.00	-14.55	4.53	2.50	1.43	1.44	1.43	1.53	1.34	12
1330	☐	962	2.50	23.29	0.32	29.24	ceeds Capac	0 - 10:32 hrs	5.96	5.96	1.26	1.00	-5.95	3.58	2.50	1.41	1.41	1.44	0.79	0.79	10
1331	☐	963	2.50	23.21	0.32	29.24	ceeds Capac	0 - 10:32 hrs	5.96	5.96	1.26	1.00	-6.03	3.58	2.50	1.38	1.38	1.41	0.81	0.79	9
1332	☐	964	2.50	27.64	0.45	37.39	ceeds Capac	0 - 10:11 hrs	7.62	7.62	1.35	1.00	-9.75	3.79	2.50	1.23	1.23	1.38	0.91	0.87	9
1333	☐	965	2.50	21.21	0.27	37.40	ceeds Capac	0 - 10:07 hrs	7.62	7.62	1.76	1.00	-16.19	3.79	2.50	1.19	1.21	1.20	1.36	1.17	8
1334	☐	966	2.50	22.21	0.29	37.42	ceeds Capac	0 - 09:59 hrs	7.62	7.62	1.68	1.00	-15.21	3.79	2.50	1.19	1.20	1.19	1.22	1.02	9
1335	☐	967	3.00	79.91	1.44	39.76	Free Surface	0 - 10:03 hrs	11.28	11.28	0.50	0.50	40.15	2.46	3.00	0.00	0.00	0.00	0.00	0.00	0
1336	☐	968	2.50	23.39	0.33	37.42	ceeds Capac	0 - 10:12 hrs	7.62	7.62	1.60	1.00	-14.03	3.79	2.50	1.18	1.18	1.19	1.02	0.90	8
1337	☐	969	3.00	64.95	0.95	44.43	Backwater	0 - 10:06 hrs	6.29	6.29	0.68	1.00	20.51	2.76	3.00	0.62	0.62	1.03	0.00	0.00	2
1338	☐	97	1.50	11.10	0.95	13.50	ceeds Capac	0 - 09:45 hrs	7.64	7.64	1.22	1.00	-2.39	2.34	1.50	1.89	1.90	1.93	1.40	1.34	9
1339	☐	970	3.00	64.44	0.93	44.44	Backwater	0 - 10:06 hrs	6.29	8.24	0.69	1.00	20.01	2.75	3.00	0.20	0.20	0.62	0.00	0.00	2
1340	☐	971	3.00	64.42	0.93	44.43	Free Surface	0 - 10:06 hrs	6.55	8.98	0.69	0.92	19.98	2.75	3.00	0.00	0.00	0.20	0.00	0.00	0
1341	☐	972	3.00	64.46	0.93	39.64	Free Surface	0 - 10:04 hrs	7.64	8.89	0.61	0.70	24.82	2.46	3.00	0.00	0.00	0.00	0.00	0.00	0
1342	☐	973	4.00	56.80	0.16	31.79	Backwater	0 - 00:04 hrs	2.71	5.69	0.56	1.00	25.01	0.93	3.92	23.93	23.93	23.93	0.00	0.35	74
1343	☐	974	5.00	95.60	0.13	115.25	ceeds Capac	0 - 10:12 hrs	5.87	5.87	1.21	1.00	-19.64	11.51	5.00	1.19	1.19	1.24	0.57	0.60	9
1344	☐	975	5.00	176.59	0.46	144.31	Backwater	0 - 10:03 hrs	7.35	7.35	0.82	1.00	32.28	11.68	5.00	1.03	1.03	1.17	0.00	0.00	8
1345	☐	976	3.50	55.62	0.31	30.90	Free Surface	0 - 10:00 hrs	4.92	4.92	0.56	0.62	24.72	1.33	3.50	0.00	0.00	0.00	0.00	0.00	0
1346	☐	977	3.50	33.76	0.11	34.93	Free Surface	0 - 09:59 hrs	3.93	3.93	1.03	0.92	-1.17	1.51	3.50	0.00	0.00	0.15	0.01	0.00	0
1347	☐	978	2.00	20.03	0.78	22.54	ceeds Capac	0 - 10:03 hrs	7.17	7.17	1.13	1.00	-2.51	1.00	2.00	0.18	0.18	0.19	0.10	0.11	1
1348	☐	979	3.75	101.61	0.71	73.70	Backwater	0 - 10:03 hrs	6.67	6.67	0.73	1.00	27.91	3.76	3.75	0.20	0.20	19.46	0.00	0.00	3
1349	☐	980	2.50	50.40	1.51	15.15	Backwater	0 - 09:59 hrs	8.73	8.73	0.30	1.00	35.26	0.71	2.49	0.36	0.36	0.42	0.00	0.00	2
1350	☐	981	2.50	28.35	0.48	24.50	Backwater	0 - 10:03 hrs	5.00	5.81	0.86	1.00	3.85	0.71	2.50	0.44	0.44	0.46	0.00	0.01	2
1351	☐	982	4.50	194.49	0.98	265.73	ceeds Capac	0 - 10:00 hrs	16.71	16.71	1.37	1.00	-71.23	26.96	4.50	0.85	0.90	0.85	0.91	0.85	6
1352	☐	983	2.50	14.73	0.13	12.15	Free Surface	0 - 10:04 hrs	4.08	4.08	0.82	0.58	2.58	0.57	2.50	0.00	0.00	0.00	0.00	0.00	0
1353	☐	985	2.50	28.85	0.49	12.10	Free Surface	0 - 10:04 hrs	4.99	5.05	0.42	0.50	16.75	0.57	2.50	0.00	0.00	0.00	0.00	0.00	0
1354	☐	989	2.75	50.67	0.92	22.84	Backwater	0 - 10:03 hrs	3.85	3.85	0.45	1.00	27.83	0.14	2.75	0.55	0.55	0.71	0.00	0.00	5
1355	☐	99	4.50	204.78	1.08	235.06	Free Surface	0 - 10:03 hrs	14.93	14.93	1.15	0.97	-30.29	27.03	4.50	0.00	0.86	0.00	0.91	0.00	4
1356	☐	990	2.75	29.92	0.32	22.81	Backwater	0 - 10:03 hrs	3.84	3.84	0.76	1.00	7.11	0.14	2.75	0.71	0.71	0.75	0.00	0.12	6
1357	☐	991	2.25	18.28	0.46	7.08	Backwater	0 - 09:53 hrs	1.79	1.80	0.39	1.00	11.20	0.00	2.25	0.06	0.06	0.50	0.00	0.00	0
1358	☐	992	2.75	30.92	0.46	22.82	Backwater	0 - 10:03 hrs	3.84	3.84	0.74	1.00	8.10	0.14	2.75	0.42	0.42	0.55	0.00	0.00	2
1359	☐	993	3.50	28.05	0.08	62.15	ceeds Capac	0 - 09:56 hrs	6.46	6.46	2.22	1.00	-34.10	6.63	3.50	2.67	2.69	2.88	2.03	1.68	14
1360	☐	994	3.50	53.46	0.28	67.80	ceeds Capac	0 - 10:03 hrs	7.05	7.05	1.27	1.00	-14.34	7.01	3.50	2.06	2.06	2.69	0.37	0.34	14
1361	☐	995	2.75	22.88	0.19	26.16	ceeds Capac	0 - 10:03 hrs	4.40	4.40	1.14	1.00	-3.28	2.29	2.75	3.85	3.85	8.11	0.31	0.32	25
1362	☐	996	2.75	42.09	0.63	26.44	Backwater	0 - 09:59 hrs	4.45	4.80	0.63	1.00	15.66	2.30	2.75	1.19	1.19	3.85	0.00	0.00	18
1363	☐	997	3.50	68.80	0.47	42.94	Backwater	0 - 09:56 hrs	4.46	4.46	0.62	1.00	25.86	5.38	3.50	9.67	9.67	14.36	0.00	0.00	49
1364	☐	998	2.00	19.92	0.78	16.61	Backwater	0 - 09:52 hrs	5.29	5.53	0.83	1.00	3.32	2.33	2.00	2.40	2.40	2.60	0.00	0.05	19
1365	☐	999	3.50	48.01	0.23	33.96	Backwater	0 - 10:03 hrs	3.53	3.89	0.71	1.00	14.05	4.57	3.50	3.54	3.54	5.19	0.00	0.01	32
1366	☐	CDT_13	4.00	254.25	3.13	184.08	Backwater	0 - 00:01 hrs	16.06	16.06	0.72	1.00	70.17	2.20	1.57	23.98	23.98	23.99	0.00	0.01	49
1367	☐	CDT_15	2.50	11.95	0.08	13.02	ceeds Capac	0 - 09:55 hrs	2.65	2.65	1.09	1.00	-1.07	1.64	2.50	16.70	16.70	18.09	0.30	0.35	33
1368	☐	CDT_17	4.50	88.03	0.20	193.01	Backwater	0 - 00:00 hrs	12.38	14.78	2.19	1.00	-104.99	5.85	1.76	23.98	23.98	23.99	0.07	0.03	70
1369	☐	CDT_19	4.50	74.23	0.14	264.14	ceeds Capac	0 - 00:00 hrs	16.68	16.68	3.56	1.00	-189.90	5.85	1.76	23.99	23.99	24.00	0.26	0.17	73
1370	☐	CDT_21	1.75	15.61	1.29	5.51	Free Surface	0 - 17:21 hrs	5.92	5.92	0.35	0.41	10.10	2.44	1.72	0.00	0.00	0.00	0.00	0.00	0
1371	☐	CDT_23	4.50	19.66	0.01	84.55	Free Surface	0 - 10:03 hrs	9.71	10.02	4.30	0.54	-64.88	0.69	4.50	0.00	0.00	0.00	0.61	0.00	2
1372	☐	CDT_25	6.50	386.70	0.54	415.65	Free Surface	0 - 10:11 hrs	13.34	13.42	1.07	0.89	-28.95	45.77	6.50	0.00	0.00	0.00	0.39	0.00	0

FUTURE CONDITIONS 5-YR 24-HR CONDUITS

		ID	Full Depth (ft)	Full Flow (cfs)	Percent Slope (%)	Maximum Flow (cfs)	Maximum Flow Class	Max.Flow Day-Time (day-time)	Velocity at Maximum Flow (ft/s)	Maximum Velocity (ft/s)	Max.Flow/Fu ll Flow	Max.Depth/F ull Depth	Reserve Capacity (cfs)	Total Flow Volume (MG)	Maximum Top Width (ft)	Both End Surcharge Time (hrs)	Upstream Surcharge Time (hrs)	Downstream Surcharge Time (hrs)	Above Full-Flow Time (hrs)	Capacity Limited Time (hrs)	Instability Index
1373	☐	CDT_27	6.50	528.52	1.02	226.66	Free Surface	0 - 10:04 hrs	10.12	10.63	0.43	0.70	301.86	17.61	6.50	0.00	0.00	0.00	0.00	0.00	0
1374	☐	CDT_29	6.00	362.31	0.73	220.49	Free Surface	0 - 10:04 hrs	5.31	5.31	0.30	0.69	141.82	15.66	6.00	0.00	0.00	15.23	0.00	0.00	0
1375	☐	CDT_31	3.00	29.64	0.20	35.80	ceeds Capac	0 - 10:10 hrs	5.06	5.21	1.21	1.00	-6.16	2.47	3.00	0.60	0.60	0.62	0.25	0.31	3
1376	☐	CDT_33	3.00	42.15	0.40	35.79	Backwater	0 - 10:10 hrs	5.06	5.54	0.85	1.00	6.35	2.46	3.00	0.56	0.56	0.60	0.00	0.01	3
1377	☐	CDT_35	8.00	9,581.12	110.35	18.30	Free Surface	0 - 10:00 hrs	0.66	0.66	0.00	0.67	9,562.82	1.20	8.00	0.00	0.00	13.93	0.00	0.00	20
1378	☐	CDT_37	1.25	3.72	0.44	6.37	ceeds Capac	0 - 09:48 hrs	5.19	5.19	1.71	1.00	-2.65	0.82	1.25	1.83	1.83	1.94	1.76	1.73	9
1379	☐	WG_DI_COND_01	5.00	2,736.86	65.34	27.72	Backwater	0 - 09:59 hrs	2.13	3.26	0.01	1.00	2,709.14	2.08	5.00	0.12	0.12	1.69	0.00	0.00	2
1380	☐	WG_DI_COND_02	5.00	2,015.45	35.43	17.97	Backwater	0 - 09:26 hrs	4.62	4.63	0.01	1.00	1,997.48	5.03	5.00	0.43	3.33	0.43	0.00	0.00	0
1381	☐	WG_DI_COND_03	5.00	2,373.32	49.14	63.58	Free Surface	0 - 09:52 hrs	10.32	10.36	0.03	0.87	2,309.74	8.08	5.00	0.00	0.55	0.00	0.00	0.00	0
1382	☐	WG_DI_COND_04	5.00	2,673.17	62.34	12.00	Free Surface	0 - 09:59 hrs	3.28	3.43	0.00	0.59	2,661.17	0.62	5.00	0.00	0.00	0.23	0.00	0.00	0
1383	☐	WG_DI_COND_05	5.00	2,726.16	64.83	108.00	Free Surface	0 - 10:02 hrs	9.38	12.73	0.04	0.59	2,618.16	6.79	5.00	0.00	0.00	0.20	0.00	0.00	0
1384	☐	WG_DI_COND_06	3.50	429.07	10.76	26.35	Backwater	0 - 09:56 hrs	8.93	8.98	0.06	1.00	402.72	1.66	3.50	0.30	0.30	0.49	0.00	0.13	0

FUTURE CONDITIONS 20-YR 24-HR SUBCATCHMENTS

		ID	Peak Runoff (cfs)	Peak Runoff Day Count (Elapsed Days)	Peak Runoff Time (hrs)	Total Precipitation (in)	Total Runon (in)	Total Evaporation (in)	Total Infiltration (in)	Impervious Runoff (in)	Pervious Runoff (in)	Total Runoff Depth (in)	Total Runoff Volume (MG)	Runoff Coefficient
1	☐	0	48.44	0	09:53 hrs	3.06	0.00	0.00	1.01	1.97	0.04	2.01	2.05	0.66
2	☐	1	25.37	0	09:53 hrs	3.06	0.00	0.00	0.91	1.70	0.43	2.13	0.97	0.70
3	☐	10	82.03	0	09:53 hrs	3.06	0.00	0.00	1.91	0.35	0.68	1.03	7.30	0.34
4	☐	100	30.91	0	09:53 hrs	2.76	0.00	0.00	0.83	1.58	0.32	1.90	1.43	0.69
5	☐	101	8.97	0	09:53 hrs	2.76	0.00	0.00	0.90	1.47	0.37	1.84	0.34	0.67
6	☐	102	21.59	0	09:53 hrs	2.76	0.00	0.00	0.89	1.50	0.35	1.85	0.95	0.67
7	☐	103	45.26	0	10:00 hrs	2.76	0.00	0.00	0.98	1.38	0.37	1.75	2.30	0.63
8	☐	104	23.33	0	09:53 hrs	2.76	0.00	0.00	0.88	1.51	0.34	1.85	1.05	0.67
9	☐	105	29.03	0	09:53 hrs	2.76	0.00	0.00	0.77	1.65	0.30	1.95	1.35	0.71
10	☐	106	33.81	0	09:53 hrs	2.76	0.00	0.00	0.78	1.64	0.31	1.95	1.55	0.71
11	☐	107	5.62	0	09:53 hrs	2.76	0.00	0.00	0.14	2.45	0.13	2.58	0.21	0.93
12	☐	108	7.04	0	10:00 hrs	2.76	0.00	0.00	1.88	0.14	0.74	0.88	0.29	0.32
13	☐	109	22.75	0	09:53 hrs	2.76	0.00	0.00	0.91	1.44	0.38	1.82	1.02	0.66
14	☐	11	39.55	0	09:53 hrs	3.06	0.00	0.00	0.99	1.62	0.43	2.04	1.72	0.67
15	☐	110	3.95	0	09:53 hrs	2.76	0.00	0.00	0.19	2.45	0.09	2.54	0.14	0.92
16	☐	111	12.79	0	09:53 hrs	2.76	0.00	0.00	0.70	1.74	0.29	2.03	0.51	0.73
17	☐	112	10.07	0	09:53 hrs	2.76	0.00	0.00	0.96	1.40	0.38	1.78	0.40	0.64
18	☐	113	4.72	0	09:53 hrs	2.76	0.00	0.00	0.21	2.43	0.09	2.53	0.17	0.91
19	☐	114	25.02	0	09:53 hrs	2.76	0.00	0.00	0.83	1.57	0.33	1.90	1.12	0.69
20	☐	115	10.34	0	09:53 hrs	2.76	0.00	0.00	0.90	1.48	0.36	1.84	0.40	0.67
21	☐	116	2.29	0	09:53 hrs	2.76	0.00	0.00	0.20	2.46	0.09	2.54	0.08	0.92
22	☐	117	16.58	0	09:53 hrs	2.76	0.00	0.00	0.56	1.94	0.23	2.17	0.66	0.78
23	☐	118	22.37	0	09:53 hrs	2.76	0.00	0.00	0.42	2.12	0.17	2.29	1.00	0.83
24	☐	119	28.20	0	10:00 hrs	2.76	0.00	0.00	0.56	1.93	0.22	2.15	1.35	0.78
25	☐	12	17.18	0	09:53 hrs	3.06	0.00	0.00	0.80	1.86	0.38	2.24	0.62	0.73
26	☐	120	16.27	0	09:53 hrs	2.76	0.00	0.00	0.87	1.52	0.35	1.86	0.68	0.67
27	☐	121	7.00	0	09:53 hrs	2.76	0.00	0.00	0.22	2.39	0.09	2.49	0.30	0.90
28	☐	122	13.63	0	09:53 hrs	2.76	0.00	0.00	0.20	2.42	0.09	2.51	0.58	0.91
29	☐	123	36.04	0	10:00 hrs	2.76	0.00	0.00	0.95	1.42	0.36	1.78	1.75	0.64
30	☐	124	14.81	0	09:53 hrs	2.76	0.00	0.00	0.90	1.47	0.36	1.83	0.60	0.66
31	☐	125	3.78	0	09:53 hrs	2.76	0.00	0.00	0.20	2.45	0.09	2.54	0.13	0.92
32	☐	126	33.08	0	10:00 hrs	2.76	0.00	0.00	0.73	1.71	0.28	1.99	1.57	0.72
33	☐	127	0.30	0	09:53 hrs	2.76	0.00	0.00	0.20	2.47	0.09	2.56	0.01	0.93
34	☐	128	32.03	0	09:53 hrs	2.76	0.00	0.00	0.53	1.98	0.21	2.19	1.46	0.79

FUTURE CONDITIONS 20-YR 24-HR SUBCATCHMENTS

		ID	Peak Runoff (cfs)	Peak Runoff Day Count (Elapsed Days)	Peak Runoff Time (hrs)	Total Precipitation (in)	Total Runon (in)	Total Evaporation (in)	Total Infiltration (in)	Impervious Runoff (in)	Pervious Runoff (in)	Total Runoff Depth (in)	Total Runoff Volume (MG)	Runoff Coefficient
35	☐	129	19.87	0	09:53 hrs	2.76	0.00	0.00	0.69	1.75	0.28	2.03	0.88	0.74
36	☐	13	1.43	0	09:53 hrs	3.06	0.00	0.00	0.21	2.75	0.10	2.85	0.05	0.93
37	☐	130	4.22	0	09:53 hrs	2.76	0.00	0.00	0.60	1.89	0.25	2.14	0.14	0.78
38	☐	131	5.40	0	09:53 hrs	2.76	0.00	0.00	0.72	1.73	0.30	2.03	0.19	0.73
39	☐	132	5.08	0	09:53 hrs	2.76	0.00	0.00	0.54	1.97	0.23	2.20	0.17	0.80
40	☐	133	18.87	0	09:53 hrs	2.76	0.00	0.00	0.84	1.55	0.33	1.89	0.80	0.68
41	☐	134	50.89	0	10:00 hrs	2.76	0.00	0.00	0.76	1.67	0.29	1.96	2.48	0.71
42	☐	135	13.27	0	09:53 hrs	2.76	0.00	0.00	0.91	1.47	0.36	1.83	0.54	0.66
43	☐	136	13.39	0	09:53 hrs	2.76	0.00	0.00	0.92	1.45	0.37	1.82	0.54	0.66
44	☐	137	15.12	0	09:53 hrs	2.76	0.00	0.00	0.64	1.83	0.26	2.09	0.59	0.76
45	☐	138	36.34	0	09:53 hrs	2.76	0.00	0.00	0.87	1.52	0.34	1.86	1.74	0.67
46	☐	139	7.45	0	09:53 hrs	2.76	0.00	0.00	0.92	1.45	0.38	1.82	0.27	0.66
47	☐	14	18.69	0	09:53 hrs	3.06	0.00	0.00	1.22	1.59	0.23	1.82	0.72	0.60
48	☐	140	43.10	0	10:00 hrs	2.76	0.00	0.00	0.37	2.18	0.15	2.33	2.10	0.84
49	☐	141	20.93	0	09:53 hrs	2.76	0.00	0.00	0.56	1.93	0.23	2.16	0.93	0.78
50	☐	142	31.72	0	09:53 hrs	2.76	0.00	0.00	0.90	1.48	0.35	1.83	1.51	0.66
51	☐	143	17.96	0	09:53 hrs	2.76	0.00	0.00	0.71	1.73	0.29	2.02	0.72	0.73
52	☐	144	24.62	0	09:53 hrs	2.76	0.00	0.00	0.93	1.44	0.36	1.80	1.18	0.65
53	☐	145	34.28	0	09:53 hrs	2.76	0.00	0.00	0.70	1.74	0.28	2.02	1.53	0.73
54	☐	146	13.63	0	09:53 hrs	2.76	0.00	0.00	0.73	1.71	0.29	2.00	0.55	0.73
55	☐	147	17.41	0	09:53 hrs	2.76	0.00	0.00	0.92	1.45	0.36	1.82	0.75	0.66
56	☐	148	16.83	0	09:53 hrs	2.76	0.00	0.00	0.59	1.90	0.24	2.14	0.69	0.77
57	☐	149	25.38	0	09:53 hrs	2.76	0.00	0.00	0.89	1.50	0.34	1.84	1.18	0.67
58	☐	15	12.09	0	09:53 hrs	3.06	0.00	0.00	0.42	2.40	0.21	2.61	0.41	0.85
59	☐	150	17.80	0	09:53 hrs	2.76	0.00	0.00	0.75	1.69	0.30	1.99	0.72	0.72
60	☐	151	18.82	0	09:53 hrs	2.76	0.00	0.00	0.81	1.60	0.33	1.92	0.77	0.70
61	☐	152	21.15	0	09:53 hrs	2.76	0.00	0.00	0.92	1.46	0.36	1.82	0.93	0.66
62	☐	153	17.76	0	09:53 hrs	2.76	0.00	0.00	0.90	1.47	0.36	1.83	0.75	0.66
63	☐	154	19.33	0	09:53 hrs	2.76	0.00	0.00	0.86	1.54	0.34	1.88	0.84	0.68
64	☐	155	30.18	0	09:53 hrs	2.76	0.00	0.00	0.59	1.89	0.24	2.12	1.40	0.77
65	☐	156	17.73	0	09:53 hrs	2.76	0.00	0.00	0.88	1.50	0.35	1.85	0.76	0.67
66	☐	157	30.53	0	10:00 hrs	2.76	0.00	0.00	0.91	1.47	0.35	1.82	1.48	0.66
67	☐	158	19.02	0	09:53 hrs	2.76	0.00	0.00	0.95	1.42	0.37	1.79	0.83	0.65
68	☐	159	28.20	0	10:00 hrs	2.76	0.00	0.00	0.93	1.45	0.35	1.80	1.38	0.65

FUTURE CONDITIONS 20-YR 24-HR SUBCATCHMENTS

		ID	Peak Runoff (cfs)	Peak Runoff Day Count (Elapsed Days)	Peak Runoff Time (hrs)	Total Precipitation (in)	Total Runon (in)	Total Evaporation (in)	Total Infiltration (in)	Impervious Runoff (in)	Pervious Runoff (in)	Total Runoff Depth (in)	Total Runoff Volume (MG)	Runoff Coefficient
69	☐	16	21.13	0	09:53 hrs	3.06	0.00	0.00	1.02	1.54	0.48	2.02	0.81	0.66
70	☐	160	33.78	0	10:00 hrs	2.76	0.00	0.00	0.21	2.40	0.09	2.48	1.66	0.90
71	☐	161	26.05	0	09:53 hrs	2.76	0.00	0.00	0.81	1.59	0.32	1.91	1.21	0.69
72	☐	162	35.21	0	10:00 hrs	2.76	0.00	0.00	0.89	1.50	0.34	1.84	1.72	0.67
73	☐	163	54.39	0	10:00 hrs	2.76	0.00	0.00	0.79	1.63	0.30	1.93	2.76	0.70
74	☐	164	23.66	0	09:53 hrs	2.76	0.00	0.00	0.76	1.67	0.30	1.97	1.03	0.71
75	☐	165	19.32	0	09:53 hrs	2.76	0.00	0.00	0.69	1.76	0.28	2.04	0.82	0.74
76	☐	166	51.39	0	10:00 hrs	2.76	0.00	0.00	0.49	2.02	0.20	2.22	2.49	0.80
77	☐	167	27.85	0	09:53 hrs	2.76	0.00	0.00	0.58	1.85	0.30	2.14	1.20	0.78
78	☐	168	13.69	0	09:53 hrs	2.76	0.00	0.00	0.32	2.25	0.15	2.41	0.53	0.87
79	☐	169	48.14	0	09:53 hrs	2.76	0.00	0.00	0.73	1.50	0.46	1.96	2.26	0.71
80	☐	17	41.63	0	09:53 hrs	3.06	0.00	0.00	1.01	1.56	0.46	2.02	1.80	0.66
81	☐	170	13.30	0	09:53 hrs	2.76	0.00	0.00	0.70	1.74	0.29	2.04	0.50	0.74
82	☐	171	33.40	0	09:53 hrs	2.76	0.00	0.00	0.72	1.45	0.51	1.96	1.44	0.71
83	☐	172	33.80	0	09:53 hrs	2.76	0.00	0.00	0.68	1.45	0.54	1.99	1.53	0.72
84	☐	173	23.59	0	09:53 hrs	2.76	0.00	0.00	0.77	1.48	0.46	1.94	1.00	0.70
85	☐	174	26.63	0	09:53 hrs	2.76	0.00	0.00	0.63	1.55	0.49	2.05	1.16	0.74
86	☐	175	24.03	0	09:53 hrs	2.76	0.00	0.00	0.50	1.75	0.43	2.18	0.99	0.79
87	☐	176	6.81	0	09:53 hrs	2.76	0.00	0.00	0.56	1.86	0.32	2.18	0.23	0.79
88	☐	177	25.26	0	09:53 hrs	2.76	0.00	0.00	0.60	1.69	0.41	2.09	1.04	0.76
89	☐	178	41.77	0	09:53 hrs	2.76	0.00	0.00	0.50	1.74	0.43	2.17	1.97	0.79
90	☐	179	14.11	0	09:53 hrs	2.76	0.00	0.00	0.10	2.53	0.08	2.61	0.57	0.95
91	☐	18	27.95	0	09:53 hrs	3.06	0.00	0.00	0.99	1.59	0.46	2.05	1.12	0.67
92	☐	180	32.95	0	09:53 hrs	3.06	0.00	0.00	0.75	1.93	0.35	2.28	1.31	0.74
93	☐	181	57.59	0	09:53 hrs	3.06	0.00	0.00	0.37	2.46	0.18	2.63	2.60	0.86
94	☐	182	25.69	0	09:53 hrs	3.06	0.00	0.00	0.83	1.82	0.39	2.21	0.98	0.72
95	☐	183	16.47	0	09:53 hrs	3.06	0.00	0.00	0.88	1.74	0.42	2.16	0.58	0.71
96	☐	184	23.15	0	09:53 hrs	3.06	0.00	0.00	0.82	1.83	0.39	2.21	0.88	0.72
97	☐	185	17.19	0	09:53 hrs	3.06	0.00	0.00	0.75	1.93	0.36	2.29	0.60	0.75
98	☐	186	28.41	0	09:53 hrs	3.06	0.00	0.00	0.91	1.70	0.43	2.12	1.10	0.69
99	☐	187	21.87	0	09:53 hrs	3.06	0.00	0.00	0.51	2.27	0.25	2.52	0.80	0.82
100	☐	188	38.05	0	09:53 hrs	3.06	0.00	0.00	0.80	1.86	0.37	2.23	1.56	0.73
101	☐	189	8.66	0	09:53 hrs	3.06	0.00	0.00	0.25	2.65	0.13	2.78	0.30	0.91
102	☐	19	30.09	0	09:53 hrs	3.06	0.00	0.00	1.38	1.65	0.00	1.65	1.28	0.54

FUTURE CONDITIONS 20-YR 24-HR SUBCATCHMENTS

		ID	Peak Runoff (cfs)	Peak Runoff Day Count (Elapsed Days)	Peak Runoff Time (hrs)	Total Precipitation (in)	Total Runon (in)	Total Evaporation (in)	Total Infiltration (in)	Impervious Runoff (in)	Pervious Runoff (in)	Total Runoff Depth (in)	Total Runoff Volume (MG)	Runoff Coefficient
103	☐	190	10.85	0	10:00 hrs	3.06	0.00	0.00	2.06	0.15	0.81	0.96	1.04	0.31
104	☐	191	29.40	0	09:53 hrs	3.06	0.00	0.00	0.88	1.75	0.41	2.16	1.14	0.71
105	☐	192	34.58	0	09:53 hrs	3.06	0.00	0.00	0.90	1.72	0.42	2.13	1.39	0.70
106	☐	193	25.29	0	09:53 hrs	3.06	0.00	0.00	0.76	1.91	0.36	2.27	0.97	0.74
107	☐	194	87.27	0	10:00 hrs	3.06	0.00	0.00	0.27	2.58	0.13	2.71	4.75	0.89
108	☐	195	42.77	0	09:53 hrs	3.06	0.00	0.00	0.60	1.84	0.53	2.37	1.87	0.77
109	☐	196	54.73	0	09:53 hrs	3.06	0.00	0.00	0.97	1.56	0.50	2.05	2.48	0.67
110	☐	197	18.92	0	09:53 hrs	3.06	0.00	0.00	0.75	1.93	0.36	2.29	0.69	0.75
111	☐	198	47.49	0	09:53 hrs	3.06	0.00	0.00	0.65	2.07	0.30	2.37	2.04	0.78
112	☐	199	14.80	0	09:53 hrs	3.06	0.00	0.00	0.52	2.26	0.25	2.51	0.54	0.82
113	☐	2	44.84	0	09:53 hrs	3.06	0.00	0.00	0.70	1.99	0.33	2.32	1.95	0.76
114	☐	20	16.36	0	09:53 hrs	3.06	0.00	0.00	1.43	1.61	0.00	1.61	0.62	0.53
115	☐	200	49.11	0	09:53 hrs	3.06	0.00	0.00	0.90	1.72	0.41	2.13	2.27	0.70
116	☐	201	19.70	0	09:53 hrs	3.06	0.00	0.00	0.74	1.95	0.35	2.30	0.74	0.75
117	☐	202	44.93	0	09:53 hrs	3.06	0.00	0.00	0.96	1.63	0.44	2.08	1.93	0.68
118	☐	203	61.56	0	09:53 hrs	3.06	0.00	0.00	0.82	1.83	0.37	2.20	3.00	0.72
119	☐	204	12.65	0	09:53 hrs	3.06	0.00	0.00	0.80	1.61	0.59	2.19	0.45	0.72
120	☐	205	7.87	0	09:53 hrs	3.06	0.00	0.00	0.98	1.61	0.47	2.08	0.26	0.68
121	☐	206	22.17	0	09:53 hrs	3.06	0.00	0.00	1.00	1.58	0.46	2.04	0.88	0.67
122	☐	207	45.17	0	09:53 hrs	3.06	0.00	0.00	0.58	2.16	0.28	2.43	1.94	0.80
123	☐	208	24.86	0	09:53 hrs	3.06	0.00	0.00	0.93	1.67	0.45	2.11	0.85	0.69
124	☐	209	36.54	0	09:53 hrs	2.76	0.00	0.00	0.26	2.19	0.23	2.42	1.62	0.88
125	☐	21	27.77	0	09:53 hrs	3.06	0.00	0.00	0.78	1.88	0.37	2.25	1.10	0.73
126	☐	210	28.91	0	09:53 hrs	2.76	0.00	0.00	0.43	1.86	0.37	2.24	1.35	0.81
127	☐	211	34.80	0	09:53 hrs	2.76	0.00	0.00	0.46	1.97	0.27	2.24	1.62	0.81
128	☐	212	24.12	0	09:53 hrs	2.76	0.00	0.00	0.12	2.53	0.05	2.58	1.11	0.93
129	☐	213	21.16	0	09:53 hrs	2.76	0.00	0.00	0.70	1.75	0.28	2.03	0.89	0.73
130	☐	214	59.25	0	10:00 hrs	2.76	0.00	0.00	1.06	1.08	0.53	1.62	3.58	0.59
131	☐	215	46.38	0	10:00 hrs	2.76	0.00	0.00	0.80	1.62	0.31	1.92	2.29	0.70
132	☐	216	51.81	0	10:00 hrs	2.76	0.00	0.00	1.34	0.91	0.49	1.40	3.06	0.51
133	☐	217	80.80	0	10:00 hrs	2.76	0.00	0.00	1.33	0.98	0.43	1.40	5.00	0.51
134	☐	218	26.00	0	10:00 hrs	2.76	0.00	0.00	0.69	1.41	0.56	1.97	1.30	0.71
135	☐	219	93.37	0	10:00 hrs	2.76	0.00	0.00	1.14	0.98	0.55	1.52	6.01	0.55
136	☐	22	28.27	0	09:53 hrs	3.06	0.00	0.00	1.12	1.59	0.33	1.92	1.16	0.63

FUTURE CONDITIONS 20-YR 24-HR SUBCATCHMENTS

		ID	Peak Runoff (cfs)	Peak Runoff Day Count (Elapsed Days)	Peak Runoff Time (hrs)	Total Precipitation (in)	Total Runon (in)	Total Evaporation (in)	Total Infiltration (in)	Impervious Runoff (in)	Pervious Runoff (in)	Total Runoff Depth (in)	Total Runoff Volume (MG)	Runoff Coefficient
137	☐	220	17.71	0	09:53 hrs	3.06	0.00	0.00	0.62	1.90	0.47	2.37	0.66	0.78
138	☐	221	34.55	0	09:53 hrs	3.06	0.00	0.00	0.97	1.59	0.47	2.06	1.54	0.67
139	☐	222	22.55	0	09:53 hrs	3.06	0.00	0.00	0.66	2.06	0.31	2.37	0.86	0.77
140	☐	223	10.83	0	09:53 hrs	2.76	0.00	0.00	0.85	1.55	0.34	1.89	0.41	0.69
141	☐	224	24.06	0	09:53 hrs	3.06	0.00	0.00	0.50	1.96	0.51	2.47	0.95	0.81
142	☐	225	32.18	0	09:53 hrs	3.06	0.00	0.00	0.50	1.94	0.52	2.46	1.36	0.81
143	☐	226	41.15	0	09:53 hrs	3.06	0.00	0.00	0.53	2.08	0.37	2.46	1.77	0.80
144	☐	227	43.77	0	09:53 hrs	3.06	0.00	0.00	0.72	1.57	0.66	2.23	2.08	0.73
145	☐	228	15.04	0	09:53 hrs	2.76	0.00	0.00	1.31	1.18	0.25	1.43	0.63	0.52
146	☐	229	37.86	0	09:53 hrs	2.76	0.00	0.00	0.65	1.64	0.41	2.05	1.57	0.74
147	☐	23	35.73	0	09:53 hrs	3.06	0.00	0.00	0.92	1.69	0.43	2.11	1.50	0.69
148	☐	230	20.12	0	09:53 hrs	3.06	0.00	0.00	0.77	1.83	0.44	2.27	0.65	0.74
149	☐	231	81.10	0	09:53 hrs	3.06	0.00	0.00	0.57	1.82	0.55	2.38	3.93	0.78
150	☐	232	39.90	0	09:53 hrs	3.06	0.00	0.00	0.52	1.91	0.54	2.45	1.71	0.80
151	☐	233	46.75	0	09:53 hrs	3.06	0.00	0.00	0.57	1.85	0.54	2.39	2.17	0.78
152	☐	234	27.80	0	09:53 hrs	3.06	0.00	0.00	0.61	1.88	0.49	2.37	1.14	0.78
153	☐	235	25.47	0	09:53 hrs	3.06	0.00	0.00	0.67	1.65	0.64	2.29	1.05	0.75
154	☐	236	28.83	0	09:53 hrs	3.06	0.00	0.00	0.63	1.66	0.66	2.32	1.23	0.76
155	☐	237	32.40	0	09:53 hrs	3.06	0.00	0.00	0.66	1.61	0.68	2.30	1.42	0.75
156	☐	238	27.10	0	09:53 hrs	3.06	0.00	0.00	0.76	1.62	0.59	2.22	1.14	0.72
157	☐	239	29.22	0	09:53 hrs	3.06	0.00	0.00	0.65	1.62	0.68	2.30	1.27	0.75
158	☐	24	9.21	0	09:53 hrs	3.06	0.00	0.00	0.81	1.84	0.39	2.23	0.30	0.73
159	☐	240	42.05	0	09:53 hrs	3.06	0.00	0.00	0.55	1.84	0.57	2.41	1.90	0.79
160	☐	241	21.30	0	09:53 hrs	3.06	0.00	0.00	1.25	1.79	0.00	1.79	0.78	0.59
161	☐	242	14.95	0	09:53 hrs	3.06	0.00	0.00	1.38	1.61	0.06	1.67	0.53	0.55
162	☐	243	16.31	0	09:53 hrs	3.06	0.00	0.00	0.97	1.57	0.51	2.08	0.58	0.68
163	☐	244	31.10	0	09:53 hrs	3.06	0.00	0.00	0.68	1.57	0.71	2.28	1.31	0.74
164	☐	245	18.02	0	09:53 hrs	3.06	0.00	0.00	0.86	1.60	0.55	2.15	0.67	0.70
165	☐	246	27.27	0	09:53 hrs	3.06	0.00	0.00	0.96	1.63	0.44	2.08	1.10	0.68
166	☐	247	37.88	0	09:53 hrs	3.06	0.00	0.00	1.00	1.58	0.45	2.03	1.76	0.66
167	☐	248	55.05	0	09:53 hrs	3.06	0.00	0.00	1.04	1.52	0.47	1.99	2.64	0.65
168	☐	249	25.14	0	09:53 hrs	3.06	0.00	0.00	0.64	2.09	0.30	2.39	0.97	0.78
169	☐	25	20.43	0	09:53 hrs	3.06	0.00	0.00	0.99	1.59	0.46	2.06	0.76	0.67
170	☐	250	14.34	0	09:53 hrs	3.06	0.00	0.00	0.65	2.08	0.31	2.39	0.49	0.78

FUTURE CONDITIONS 20-YR 24-HR SUBCATCHMENTS

		ID	Peak Runoff (cfs)	Peak Runoff Day Count (Elapsed Days)	Peak Runoff Time (hrs)	Total Precipitation (in)	Total Runon (in)	Total Evaporation (in)	Total Infiltration (in)	Impervious Runoff (in)	Pervious Runoff (in)	Total Runoff Depth (in)	Total Runoff Volume (MG)	Runoff Coefficient
171	☐	251	49.02	0	09:53 hrs	3.06	0.00	0.00	0.73	1.96	0.34	2.29	2.12	0.75
172	☐	252	3.11	0	09:53 hrs	3.06	0.00	0.00	1.23	1.83	0.00	1.83	0.11	0.60
173	☐	253	11.56	0	09:53 hrs	3.06	0.00	0.00	1.32	1.57	0.16	1.73	0.41	0.57
174	☐	254	28.07	0	09:53 hrs	3.06	0.00	0.00	0.82	1.83	0.38	2.22	1.11	0.72
175	☐	255	6.60	0	09:53 hrs	3.06	0.00	0.00	0.74	1.95	0.36	2.31	0.20	0.75
176	☐	256	6.46	0	09:53 hrs	3.06	0.00	0.00	0.27	2.64	0.13	2.77	0.21	0.91
177	☐	257	19.30	0	09:53 hrs	3.06	0.00	0.00	0.71	1.99	0.34	2.33	0.70	0.76
178	☐	258	18.65	0	09:53 hrs	3.06	0.00	0.00	0.63	2.10	0.30	2.40	0.67	0.79
179	☐	259	11.23	0	09:53 hrs	3.06	0.00	0.00	0.21	2.71	0.11	2.82	0.39	0.92
180	☐	26	45.37	0	09:53 hrs	3.06	0.00	0.00	0.91	1.70	0.42	2.12	1.96	0.69
181	☐	260	18.56	0	09:53 hrs	3.06	0.00	0.00	0.75	1.92	0.36	2.28	0.66	0.75
182	☐	261	22.52	0	09:53 hrs	3.06	0.00	0.00	0.85	1.78	0.40	2.19	0.85	0.71
183	☐	262	30.69	0	09:53 hrs	3.06	0.00	0.00	0.43	2.38	0.21	2.59	1.22	0.85
184	☐	263	20.50	0	09:53 hrs	3.06	0.00	0.00	1.17	1.71	0.16	1.87	0.78	0.61
185	☐	264	31.17	0	09:53 hrs	3.06	0.00	0.00	0.82	1.82	0.39	2.21	1.25	0.72
186	☐	265	28.41	0	09:53 hrs	3.06	0.00	0.00	1.06	1.77	0.21	1.98	1.12	0.65
187	☐	266	5.96	0	09:53 hrs	3.06	0.00	0.00	0.97	1.62	0.47	2.09	0.18	0.68
188	☐	267	6.51	0	09:53 hrs	3.06	0.00	0.00	0.89	1.58	0.56	2.14	0.20	0.70
189	☐	268	8.20	0	09:53 hrs	3.06	0.00	0.00	0.90	1.71	0.44	2.15	0.26	0.70
190	☐	269	10.83	0	09:53 hrs	3.06	0.00	0.00	0.70	1.90	0.42	2.33	0.36	0.76
191	☐	27	34.89	0	09:53 hrs	3.06	0.00	0.00	0.72	2.09	0.21	2.30	1.44	0.75
192	☐	270	20.21	0	09:53 hrs	3.06	0.00	0.00	0.83	1.64	0.54	2.18	0.78	0.71
193	☐	271	18.60	0	09:53 hrs	3.06	0.00	0.00	0.85	1.66	0.51	2.17	0.69	0.71
194	☐	272	47.70	0	09:53 hrs	3.06	0.00	0.00	0.87	1.76	0.40	2.16	2.06	0.71
195	☐	273	26.96	0	09:53 hrs	3.06	0.00	0.00	1.31	1.68	0.06	1.74	0.96	0.57
196	☐	274	12.42	0	09:53 hrs	3.06	0.00	0.00	1.59	1.41	0.05	1.46	0.43	0.48
197	☐	275	10.11	0	09:53 hrs	3.06	0.00	0.00	1.83	1.22	0.00	1.22	0.35	0.40
198	☐	276	35.44	0	09:53 hrs	3.06	0.00	0.00	1.26	1.77	0.01	1.78	1.41	0.58
199	☐	277	12.25	0	09:53 hrs	3.06	0.00	0.00	1.82	1.23	0.01	1.24	0.42	0.41
200	☐	278	23.35	0	09:53 hrs	3.06	0.00	0.00	0.69	2.06	0.28	2.34	0.89	0.76
201	☐	279	28.35	0	09:53 hrs	3.06	0.00	0.00	0.96	1.63	0.45	2.08	1.14	0.68
202	☐	28	33.85	0	09:53 hrs	3.06	0.00	0.00	0.99	1.59	0.45	2.05	1.43	0.67
203	☐	280	47.14	0	09:53 hrs	3.06	0.00	0.00	1.02	1.66	0.36	2.02	1.95	0.66
204	☐	281	7.26	0	09:53 hrs	3.06	0.00	0.00	1.01	1.55	0.49	2.04	0.23	0.67

FUTURE CONDITIONS 20-YR 24-HR SUBCATCHMENTS

		ID	Peak Runoff (cfs)	Peak Runoff Day Count (Elapsed Days)	Peak Runoff Time (hrs)	Total Precipitation (in)	Total Runon (in)	Total Evaporation (in)	Total Infiltration (in)	Impervious Runoff (in)	Pervious Runoff (in)	Total Runoff Depth (in)	Total Runoff Volume (MG)	Runoff Coefficient
205	☐	282	5.37	0	09:53 hrs	3.06	0.00	0.00	0.63	2.12	0.31	2.43	0.16	0.79
206	☐	283	13.18	0	09:53 hrs	3.06	0.00	0.00	0.97	1.61	0.46	2.07	0.45	0.68
207	☐	284	38.28	0	09:53 hrs	3.06	0.00	0.00	0.83	1.81	0.39	2.20	1.53	0.72
208	☐	285	26.91	0	09:53 hrs	3.06	0.00	0.00	0.74	1.72	0.53	2.25	1.07	0.73
209	☐	286	6.06	0	09:53 hrs	3.06	0.00	0.00	0.28	2.45	0.30	2.75	0.19	0.90
210	☐	287	40.24	0	09:53 hrs	3.06	0.00	0.00	0.38	2.23	0.38	2.60	1.68	0.85
211	☐	288	44.42	0	09:53 hrs	3.06	0.00	0.00	1.22	1.21	0.61	1.83	1.65	0.60
212	☐	289	23.54	0	09:53 hrs	3.06	0.00	0.00	0.09	2.82	0.09	2.91	0.98	0.95
213	☐	29	37.75	0	09:53 hrs	3.06	0.00	0.00	0.95	1.65	0.43	2.09	1.65	0.68
214	☐	290	22.89	0	09:53 hrs	3.06	0.00	0.00	0.09	2.82	0.09	2.91	0.99	0.95
215	☐	291	48.36	0	09:53 hrs	3.06	0.00	0.00	1.23	1.21	0.61	1.81	2.08	0.59
216	☐	292	48.59	0	09:53 hrs	3.06	0.00	0.00	0.59	2.06	0.35	2.41	2.16	0.79
217	☐	293	5.16	0	09:53 hrs	2.76	0.00	0.00	0.63	1.85	0.26	2.11	0.17	0.76
218	☐	294	1.69	0	09:53 hrs	3.06	0.00	0.00	0.21	2.75	0.11	2.86	0.05	0.93
219	☐	295	17.29	0	09:53 hrs	3.06	0.00	0.00	0.60	2.36	0.07	2.42	0.64	0.79
220	☐	296	51.60	0	10:00 hrs	2.76	0.00	0.00	0.38	1.98	0.32	2.29	2.48	0.83
221	☐	297	7.46	0	09:53 hrs	3.06	0.00	0.00	0.27	2.56	0.20	2.77	0.24	0.90
222	☐	298	79.46	0	10:00 hrs	2.76	0.00	0.00	0.22	2.30	0.16	2.46	4.07	0.89
223	☐	299	58.80	0	09:53 hrs	3.06	0.00	0.00	1.03	1.55	0.45	2.00	3.09	0.65
224	☐	3	17.94	0	09:53 hrs	3.06	0.00	0.00	0.43	2.53	0.07	2.60	0.66	0.85
225	☐	30	33.18	0	09:53 hrs	2.76	0.00	0.00	1.28	0.60	0.76	1.36	2.17	0.49
226	☐	300	50.90	0	09:53 hrs	3.06	0.00	0.00	0.97	1.62	0.44	2.06	2.38	0.67
227	☐	301	14.36	0	09:53 hrs	2.76	0.00	0.00	0.88	1.43	0.42	1.85	0.59	0.67
228	☐	302	36.33	0	10:00 hrs	2.76	0.00	0.00	0.97	1.39	0.36	1.76	1.81	0.64
229	☐	303	28.23	0	10:00 hrs	2.76	0.00	0.00	0.74	1.70	0.29	1.98	1.33	0.72
230	☐	304	9.30	0	09:53 hrs	2.76	0.00	0.00	0.33	2.26	0.14	2.40	0.36	0.87
231	☐	305	22.95	0	09:53 hrs	2.76	0.00	0.00	0.90	1.48	0.35	1.83	1.01	0.66
232	☐	306	20.43	0	09:53 hrs	2.76	0.00	0.00	0.77	1.66	0.31	1.97	0.82	0.71
233	☐	307	33.99	0	09:53 hrs	3.06	0.00	0.00	0.73	1.90	0.40	2.29	1.39	0.75
234	☐	308	50.34	0	09:53 hrs	3.06	0.00	0.00	0.30	2.55	0.15	2.70	2.33	0.88
235	☐	309	14.35	0	09:53 hrs	3.06	0.00	0.00	1.12	1.53	0.41	1.93	0.50	0.63
236	☐	31	46.85	0	09:53 hrs	2.76	0.00	0.00	0.76	1.58	0.38	1.96	2.17	0.71
237	☐	310	32.00	0	09:53 hrs	3.06	0.00	0.00	0.60	2.14	0.28	2.43	1.27	0.79
238	☐	311	21.13	0	09:53 hrs	2.76	0.00	0.00	0.77	1.65	0.31	1.96	0.90	0.71

FUTURE CONDITIONS 20-YR 24-HR SUBCATCHMENTS

		ID	Peak Runoff (cfs)	Peak Runoff Day Count (Elapsed Days)	Peak Runoff Time (hrs)	Total Precipitation (in)	Total Runon (in)	Total Evaporation (in)	Total Infiltration (in)	Impervious Runoff (in)	Pervious Runoff (in)	Total Runoff Depth (in)	Total Runoff Volume (MG)	Runoff Coefficient
239	☐	312	33.33	0	09:53 hrs	2.76	0.00	0.00	0.29	2.15	0.25	2.40	1.36	0.87
240	☐	313	9.73	0	09:53 hrs	3.06	0.00	0.00	0.25	2.58	0.19	2.77	0.35	0.90
241	☐	314	9.65	0	09:53 hrs	2.76	0.00	0.00	0.24	2.35	0.13	2.48	0.37	0.90
242	☐	315	23.48	0	09:53 hrs	2.76	0.00	0.00	0.66	1.44	0.57	2.01	0.96	0.73
243	☐	316	57.79	0	10:00 hrs	2.76	0.00	0.00	0.49	1.74	0.42	2.16	3.02	0.78
244	☐	317	21.95	0	09:53 hrs	2.76	0.00	0.00	0.45	1.84	0.39	2.23	0.89	0.81
245	☐	318	10.40	0	09:53 hrs	2.76	0.00	0.00	0.69	1.76	0.28	2.04	0.41	0.74
246	☐	319	29.69	0	09:53 hrs	2.76	0.00	0.00	0.63	1.84	0.25	2.09	1.32	0.76
247	☐	32	16.80	0	09:53 hrs	2.76	0.00	0.00	0.79	1.45	0.47	1.92	0.68	0.70
248	☐	320	34.72	0	09:53 hrs	2.76	0.00	0.00	0.45	2.02	0.24	2.26	1.51	0.82
249	☐	321	11.40	0	09:53 hrs	2.76	0.00	0.00	0.38	2.18	0.16	2.34	0.46	0.85
250	☐	322	18.02	0	09:53 hrs	2.76	0.00	0.00	0.28	2.31	0.12	2.42	0.81	0.88
251	☐	323	29.30	0	09:53 hrs	3.06	0.00	0.00	0.56	1.81	0.59	2.40	1.24	0.78
252	☐	324	20.20	0	09:53 hrs	2.76	0.00	0.00	0.82	1.59	0.32	1.91	0.90	0.69
253	☐	325	22.25	0	09:53 hrs	2.76	0.00	0.00	0.92	1.46	0.35	1.81	1.04	0.66
254	☐	326	45.53	0	10:00 hrs	2.76	0.00	0.00	0.61	1.86	0.24	2.10	2.18	0.76
255	☐	327	12.40	0	09:53 hrs	2.76	0.00	0.00	0.86	1.53	0.35	1.88	0.47	0.68
256	☐	328	15.18	0	09:53 hrs	2.76	0.00	0.00	0.72	1.72	0.29	2.01	0.63	0.73
257	☐	329	24.21	0	09:53 hrs	2.76	0.00	0.00	0.76	1.66	0.30	1.97	1.02	0.71
258	☐	33	33.07	0	09:53 hrs	2.76	0.00	0.00	0.67	1.54	0.47	2.00	1.54	0.73
259	☐	330	11.72	0	09:53 hrs	2.76	0.00	0.00	0.33	2.25	0.14	2.39	0.46	0.86
260	☐	331	46.74	0	09:53 hrs	3.06	0.00	0.00	0.83	1.82	0.38	2.20	2.07	0.72
261	☐	332	23.11	0	09:53 hrs	2.76	0.00	0.00	0.62	1.52	0.53	2.05	1.04	0.74
262	☐	333	50.69	0	09:53 hrs	3.06	0.00	0.00	0.68	1.60	0.67	2.26	2.44	0.74
263	☐	334	39.48	0	09:53 hrs	3.06	0.00	0.00	0.36	2.24	0.37	2.61	1.76	0.85
264	☐	335	51.55	0	10:00 hrs	2.76	0.00	0.00	0.31	2.26	0.13	2.39	2.58	0.87
265	☐	336	34.95	0	09:53 hrs	2.76	0.00	0.00	0.50	2.01	0.20	2.21	1.59	0.80
266	☐	337	21.13	0	09:53 hrs	2.76	0.00	0.00	0.66	1.80	0.27	2.07	0.88	0.75
267	☐	338	20.44	0	09:53 hrs	2.76	0.00	0.00	0.42	2.12	0.17	2.30	0.85	0.83
268	☐	339	14.14	0	09:53 hrs	2.76	0.00	0.00	0.56	1.93	0.23	2.16	0.58	0.78
269	☐	34	16.79	0	09:53 hrs	3.06	0.00	0.00	1.05	1.50	0.49	1.99	0.66	0.65
270	☐	340	32.78	0	09:53 hrs	3.06	0.00	0.00	0.25	2.63	0.12	2.76	1.38	0.90
271	☐	341	8.06	0	09:53 hrs	3.06	0.00	0.00	0.91	1.70	0.43	2.14	0.28	0.70
272	☐	342	54.41	0	09:53 hrs	3.06	0.00	0.00	0.11	2.82	0.06	2.87	2.68	0.94

FUTURE CONDITIONS 20-YR 24-HR SUBCATCHMENTS

		ID	Peak Runoff (cfs)	Peak Runoff Day Count (Elapsed Days)	Peak Runoff Time (hrs)	Total Precipitation (in)	Total Runon (in)	Total Evaporation (in)	Total Infiltration (in)	Impervious Runoff (in)	Pervious Runoff (in)	Total Runoff Depth (in)	Total Runoff Volume (MG)	Runoff Coefficient
273	☐	343	37.52	0	09:53 hrs	3.06	0.00	0.00	0.16	2.75	0.08	2.83	1.69	0.93
274	☐	344	2.47	0	09:53 hrs	3.06	0.00	0.00	0.17	2.78	0.09	2.87	0.08	0.94
275	☐	345	4.84	0	09:53 hrs	3.06	0.00	0.00	0.51	2.30	0.26	2.55	0.14	0.83
276	☐	346	41.41	0	09:53 hrs	3.06	0.00	0.00	0.68	2.02	0.32	2.34	1.71	0.76
277	☐	347	19.60	0	09:53 hrs	3.06	0.00	0.00	0.61	2.13	0.29	2.43	0.71	0.79
278	☐	348	32.91	0	09:53 hrs	3.06	0.00	0.00	0.97	1.61	0.44	2.06	1.44	0.67
279	☐	349	25.00	0	09:53 hrs	3.06	0.00	0.00	1.19	1.64	0.20	1.84	1.01	0.60
280	☐	35	36.73	0	09:53 hrs	3.06	0.00	0.00	1.02	1.55	0.46	2.01	1.68	0.66
281	☐	350	46.20	0	09:53 hrs	3.06	0.00	0.00	0.78	1.88	0.36	2.24	1.99	0.73
282	☐	351	39.92	0	09:53 hrs	3.06	0.00	0.00	1.35	1.68	0.00	1.68	1.61	0.55
283	☐	352	2.48	0	09:53 hrs	2.76	0.00	0.00	0.71	2.05	0.00	2.05	0.09	0.74
284	☐	353	13.08	0	09:53 hrs	3.06	0.00	0.00	0.49	2.55	0.00	2.55	0.48	0.83
285	☐	354	180.01	0	09:53 hrs	3.06	0.00	0.00	2.56	0.48	0.00	0.48	8.44	0.16
286	☐	355	7.20	0	09:53 hrs	2.76	0.00	0.00	0.80	1.65	0.29	1.94	0.26	0.70
287	☐	356	6.90	0	09:53 hrs	3.06	0.00	0.00	0.24	2.68	0.12	2.80	0.23	0.92
288	☐	357	66.12	0	09:53 hrs	3.06	0.00	0.00	1.70	0.65	0.68	1.33	4.21	0.43
289	☐	358	11.56	0	09:53 hrs	3.06	0.00	0.00	0.26	2.64	0.13	2.77	0.41	0.90
290	☐	359	19.97	0	09:53 hrs	3.06	0.00	0.00	0.88	1.75	0.42	2.16	0.74	0.71
291	☐	36	31.07	0	09:53 hrs	2.76	0.00	0.00	0.58	1.87	0.28	2.15	1.32	0.78
292	☐	360	9.36	0	09:53 hrs	2.76	0.00	0.00	0.76	1.67	0.31	1.98	0.36	0.72
293	☐	361	10.46	0	09:53 hrs	2.76	0.00	0.00	0.97	1.38	0.39	1.77	0.40	0.64
294	☐	362	21.34	0	09:53 hrs	2.76	0.00	0.00	0.79	1.62	0.31	1.94	0.96	0.70
295	☐	363	12.17	0	09:53 hrs	2.76	0.00	0.00	0.65	1.82	0.26	2.09	0.47	0.76
296	☐	364	19.12	0	09:53 hrs	2.76	0.00	0.00	0.96	1.40	0.38	1.78	0.80	0.64
297	☐	365	28.88	0	09:53 hrs	2.76	0.00	0.00	0.89	1.49	0.35	1.84	1.35	0.67
298	☐	366	21.55	0	09:53 hrs	2.76	0.00	0.00	0.47	2.06	0.19	2.25	0.87	0.82
299	☐	367	49.44	0	09:53 hrs	3.06	0.00	0.00	0.72	1.62	0.62	2.24	2.38	0.73
300	☐	368	26.26	0	09:53 hrs	3.06	0.00	0.00	0.94	1.66	0.44	2.10	1.03	0.69
301	☐	369	53.21	0	09:53 hrs	3.06	0.00	0.00	0.48	2.30	0.23	2.53	2.26	0.83
302	☐	37	24.62	0	09:53 hrs	2.76	0.00	0.00	0.82	1.51	0.40	1.92	1.03	0.69
303	☐	370	10.45	0	09:53 hrs	3.06	0.00	0.00	0.39	2.45	0.19	2.64	0.37	0.86
304	☐	371	63.89	0	09:53 hrs	3.06	0.00	0.00	0.31	2.53	0.15	2.68	3.19	0.88
305	☐	372	11.28	0	09:53 hrs	3.06	0.00	0.00	0.11	2.85	0.05	2.91	0.43	0.95
306	☐	373	26.76	0	09:53 hrs	3.06	0.00	0.00	0.97	1.58	0.48	2.07	1.08	0.68

FUTURE CONDITIONS 20-YR 24-HR SUBCATCHMENTS

		ID	Peak Runoff (cfs)	Peak Runoff Day Count (Elapsed Days)	Peak Runoff Time (hrs)	Total Precipitation (in)	Total Runon (in)	Total Evaporation (in)	Total Infiltration (in)	Impervious Runoff (in)	Pervious Runoff (in)	Total Runoff Depth (in)	Total Runoff Volume (MG)	Runoff Coefficient
307	☐	374	13.31	0	09:53 hrs	3.06	0.00	0.00	0.31	2.54	0.18	2.72	0.47	0.89
308	☐	375	17.86	0	09:53 hrs	2.76	0.00	0.00	0.62	1.70	0.39	2.09	0.68	0.76
309	☐	376	18.78	0	09:53 hrs	3.06	0.00	0.00	0.77	1.89	0.37	2.26	0.69	0.74
310	☐	377	5.10	0	09:53 hrs	3.06	0.00	0.00	0.27	2.64	0.14	2.77	0.16	0.91
311	☐	378	7.54	0	09:53 hrs	3.06	0.00	0.00	0.21	2.72	0.11	2.82	0.26	0.92
312	☐	379	28.36	0	09:53 hrs	3.06	0.00	0.00	0.78	1.89	0.37	2.26	1.09	0.74
313	☐	38	57.75	0	09:53 hrs	3.06	0.00	0.00	0.92	1.61	0.48	2.09	2.71	0.68
314	☐	380	22.02	0	09:53 hrs	3.06	0.00	0.00	0.61	2.12	0.29	2.42	0.81	0.79
315	☐	381	13.07	0	09:53 hrs	3.06	0.00	0.00	0.60	2.14	0.29	2.43	0.46	0.79
316	☐	382	6.40	0	09:53 hrs	3.06	0.00	0.00	1.00	1.79	0.27	2.06	0.19	0.67
317	☐	383	25.76	0	09:53 hrs	3.06	0.00	0.00	0.93	1.68	0.43	2.11	1.00	0.69
318	☐	384	29.14	0	09:53 hrs	3.06	0.00	0.00	0.80	1.85	0.38	2.23	1.14	0.73
319	☐	385	22.77	0	09:53 hrs	3.06	0.00	0.00	0.19	2.72	0.09	2.82	0.92	0.92
320	☐	386	28.33	0	09:53 hrs	3.06	0.00	0.00	0.97	1.62	0.45	2.07	1.06	0.68
321	☐	387	7.47	0	09:53 hrs	3.06	0.00	0.00	1.02	1.54	0.50	2.04	0.21	0.67
322	☐	388	9.72	0	09:53 hrs	3.06	0.00	0.00	0.73	1.69	0.58	2.27	0.33	0.74
323	☐	389	4.62	0	09:53 hrs	3.06	0.00	0.00	0.93	2.12	0.00	2.12	0.16	0.69
324	☐	39	20.61	0	09:53 hrs	3.06	0.00	0.00	0.95	1.64	0.45	2.09	0.78	0.68
325	☐	390	5.37	0	09:53 hrs	3.06	0.00	0.00	1.46	1.59	0.00	1.59	0.18	0.52
326	☐	391	12.90	0	09:53 hrs	3.06	0.00	0.00	0.88	1.74	0.42	2.16	0.44	0.71
327	☐	392	13.08	0	09:53 hrs	3.06	0.00	0.00	0.95	1.65	0.45	2.10	0.45	0.69
328	☐	393	14.65	0	09:53 hrs	3.06	0.00	0.00	0.91	1.69	0.44	2.13	0.51	0.70
329	☐	394	14.07	0	09:53 hrs	3.06	0.00	0.00	0.70	2.00	0.34	2.34	0.48	0.76
330	☐	395	16.48	0	09:53 hrs	3.06	0.00	0.00	1.04	1.51	0.49	2.00	0.63	0.65
331	☐	396	15.62	0	09:53 hrs	3.06	0.00	0.00	0.65	2.08	0.31	2.39	0.55	0.78
332	☐	397	35.20	0	09:53 hrs	3.06	0.00	0.00	0.98	1.61	0.45	2.06	1.46	0.67
333	☐	398	16.55	0	09:53 hrs	3.06	0.00	0.00	0.81	1.84	0.39	2.23	0.60	0.73
334	☐	399	31.02	0	09:53 hrs	3.06	0.00	0.00	0.41	2.40	0.20	2.60	1.24	0.85
335	☐	4	11.88	0	09:53 hrs	3.06	0.00	0.00	0.30	2.58	0.15	2.73	0.42	0.89
336	☐	40	20.78	0	09:53 hrs	3.06	0.00	0.00	1.00	1.57	0.47	2.03	0.84	0.66
337	☐	400	56.02	0	09:53 hrs	3.06	0.00	0.00	0.95	1.64	0.43	2.07	2.62	0.68
338	☐	401	13.90	0	09:53 hrs	3.06	0.00	0.00	0.75	1.93	0.36	2.29	0.49	0.75
339	☐	402	19.90	0	09:53 hrs	2.76	0.00	0.00	0.82	1.51	0.41	1.92	0.74	0.69
340	☐	403	11.56	0	09:53 hrs	2.76	0.00	0.00	0.57	1.61	0.49	2.11	0.46	0.76

FUTURE CONDITIONS 20-YR 24-HR SUBCATCHMENTS

		ID	Peak Runoff (cfs)	Peak Runoff Day Count (Elapsed Days)	Peak Runoff Time (hrs)	Total Precipitation (in)	Total Runon (in)	Total Evaporation (in)	Total Infiltration (in)	Impervious Runoff (in)	Pervious Runoff (in)	Total Runoff Depth (in)	Total Runoff Volume (MG)	Runoff Coefficient
341	☐	404	31.00	0	09:53 hrs	2.76	0.00	0.00	0.68	1.38	0.59	1.97	1.54	0.71
342	☐	405	20.64	0	09:53 hrs	2.76	0.00	0.00	0.60	1.55	0.52	2.07	0.90	0.75
343	☐	406	58.13	0	10:00 hrs	2.76	0.00	0.00	0.34	2.23	0.14	2.37	2.83	0.86
344	☐	407	30.43	0	09:53 hrs	3.06	0.00	0.00	1.00	1.57	0.47	2.04	1.19	0.67
345	☐	408	5.16	0	09:53 hrs	3.06	0.00	0.00	0.21	2.73	0.10	2.83	0.17	0.93
346	☐	409	4.19	0	09:53 hrs	3.06	0.00	0.00	0.27	2.65	0.13	2.78	0.13	0.91
347	☐	41	41.92	0	09:53 hrs	3.06	0.00	0.00	0.98	1.60	0.45	2.05	1.86	0.67
348	☐	410	26.46	0	09:53 hrs	3.06	0.00	0.00	0.99	2.01	0.03	2.04	1.04	0.67
349	☐	411	13.48	0	09:53 hrs	3.06	0.00	0.00	0.87	2.12	0.05	2.17	0.50	0.71
350	☐	412	11.91	0	09:53 hrs	3.06	0.00	0.00	1.13	1.91	0.00	1.91	0.44	0.62
351	☐	413	8.80	0	09:53 hrs	3.06	0.00	0.00	0.66	2.38	0.00	2.38	0.31	0.78
352	☐	414	27.32	0	09:53 hrs	3.06	0.00	0.00	0.86	1.76	0.41	2.17	1.05	0.71
353	☐	415	16.05	0	09:53 hrs	3.06	0.00	0.00	0.96	1.63	0.45	2.09	0.57	0.68
354	☐	416	27.09	0	09:53 hrs	3.06	0.00	0.00	0.80	1.86	0.38	2.24	1.04	0.73
355	☐	417	9.46	0	09:53 hrs	3.06	0.00	0.00	1.02	1.54	0.49	2.03	0.30	0.66
356	☐	418	19.11	0	09:53 hrs	3.06	0.00	0.00	0.58	2.16	0.28	2.44	0.73	0.80
357	☐	419	11.03	0	09:53 hrs	3.06	0.00	0.00	0.22	2.69	0.11	2.80	0.42	0.92
358	☐	42	26.87	0	09:53 hrs	3.06	0.00	0.00	0.59	2.40	0.04	2.43	1.01	0.80
359	☐	420	4.83	0	09:53 hrs	3.06	0.00	0.00	0.31	2.73	0.00	2.73	0.17	0.89
360	☐	421	46.08	0	09:53 hrs	3.06	0.00	0.00	1.21	1.31	0.52	1.82	2.50	0.60
361	☐	422	41.27	0	09:53 hrs	3.06	0.00	0.00	0.82	1.83	0.38	2.21	1.77	0.72
362	☐	423	3.50	0	09:53 hrs	2.76	0.00	0.00	0.51	1.74	0.45	2.18	0.12	0.79
363	☐	424	13.84	0	09:53 hrs	2.76	0.00	0.00	0.42	1.90	0.37	2.26	0.56	0.82
364	☐	425	33.90	0	09:53 hrs	2.76	0.00	0.00	0.55	1.65	0.47	2.12	1.61	0.77
365	☐	426	47.28	0	10:00 hrs	2.76	0.00	0.00	0.83	1.17	0.64	1.81	2.66	0.66
366	☐	427	12.28	0	09:53 hrs	2.76	0.00	0.00	0.82	1.13	0.71	1.85	0.46	0.67
367	☐	428	22.42	0	09:53 hrs	2.76	0.00	0.00	0.42	1.91	0.36	2.27	0.91	0.82
368	☐	429	39.10	0	09:53 hrs	2.76	0.00	0.00	0.65	1.81	0.26	2.07	1.73	0.75
369	☐	43	35.91	0	09:53 hrs	3.06	0.00	0.00	0.92	1.67	0.44	2.11	1.50	0.69
370	☐	430	9.68	0	09:53 hrs	2.76	0.00	0.00	0.95	1.42	0.38	1.80	0.38	0.65
371	☐	431	34.47	0	09:53 hrs	2.76	0.00	0.00	0.82	1.59	0.32	1.91	1.63	0.69
372	☐	432	31.20	0	09:53 hrs	2.76	0.00	0.00	0.92	1.46	0.36	1.82	1.41	0.66
373	☐	433	34.63	0	10:00 hrs	2.76	0.00	0.00	0.85	1.55	0.33	1.87	1.66	0.68
374	☐	434	39.38	0	09:53 hrs	2.76	0.00	0.00	0.61	1.87	0.24	2.11	1.76	0.76

FUTURE CONDITIONS 20-YR 24-HR SUBCATCHMENTS

		ID	Peak Runoff (cfs)	Peak Runoff Day Count (Elapsed Days)	Peak Runoff Time (hrs)	Total Precipitation (in)	Total Runon (in)	Total Evaporation (in)	Total Infiltration (in)	Impervious Runoff (in)	Pervious Runoff (in)	Total Runoff Depth (in)	Total Runoff Volume (MG)	Runoff Coefficient
375	☐	435	18.22	0	09:53 hrs	2.76	0.00	0.00	0.80	1.61	0.32	1.93	0.77	0.70
376	☐	436	13.50	0	09:53 hrs	2.76	0.00	0.00	0.43	1.89	0.37	2.27	0.50	0.82
377	☐	437	21.46	0	09:53 hrs	2.76	0.00	0.00	0.49	1.76	0.42	2.19	0.92	0.79
378	☐	438	40.51	0	09:53 hrs	2.76	0.00	0.00	0.33	2.05	0.29	2.34	1.86	0.85
379	☐	439	32.92	0	09:53 hrs	2.76	0.00	0.00	0.67	1.47	0.52	1.99	1.55	0.72
380	☐	44	45.77	0	09:53 hrs	3.06	0.00	0.00	0.98	1.61	0.45	2.05	2.08	0.67
381	☐	440	30.45	0	09:53 hrs	2.76	0.00	0.00	0.64	1.83	0.26	2.08	1.37	0.75
382	☐	441	6.63	0	09:53 hrs	2.76	0.00	0.00	0.84	1.74	0.17	1.91	0.23	0.69
383	☐	442	72.26	0	10:00 hrs	2.76	0.00	0.00	0.80	1.62	0.30	1.92	3.90	0.69
384	☐	443	2.92	0	09:53 hrs	2.76	0.00	0.00	0.66	1.81	0.28	2.09	0.09	0.76
385	☐	444	18.37	0	09:53 hrs	2.76	0.00	0.00	0.36	2.20	0.15	2.35	0.80	0.85
386	☐	445	25.47	0	09:53 hrs	2.76	0.00	0.00	0.92	1.46	0.35	1.81	1.21	0.66
387	☐	446	12.56	0	09:53 hrs	2.76	0.00	0.00	0.89	1.45	0.40	1.85	0.51	0.67
388	☐	447	18.45	0	09:53 hrs	3.06	0.00	0.00	0.94	1.65	0.45	2.10	0.67	0.69
389	☐	448	18.19	0	09:53 hrs	3.06	0.00	0.00	1.06	1.49	0.50	1.99	0.65	0.65
390	☐	449	17.68	0	09:53 hrs	3.06	0.00	0.00	0.21	2.70	0.10	2.80	0.70	0.92
391	☐	45	62.23	0	10:00 hrs	2.76	0.00	0.00	0.60	1.58	0.48	2.06	3.12	0.75
392	☐	450	10.45	0	09:53 hrs	3.06	0.00	0.00	0.70	2.00	0.34	2.34	0.35	0.76
393	☐	451	9.24	0	09:53 hrs	3.06	0.00	0.00	1.03	1.54	0.49	2.03	0.28	0.66
394	☐	452	17.62	0	09:53 hrs	2.76	0.00	0.00	0.43	1.92	0.34	2.26	0.70	0.82
395	☐	453	65.21	0	09:53 hrs	3.06	0.00	0.00	0.63	1.88	0.46	2.33	3.39	0.76
396	☐	454	68.27	0	10:00 hrs	2.76	0.00	0.00	0.78	1.35	0.53	1.88	3.56	0.68
397	☐	455	6.91	0	09:53 hrs	2.76	0.00	0.00	0.40	2.10	0.23	2.33	0.24	0.84
398	☐	456	47.38	0	09:53 hrs	3.06	0.00	0.00	1.01	1.56	0.45	2.02	2.26	0.66
399	☐	457	18.36	0	09:53 hrs	2.76	0.00	0.00	0.37	2.08	0.26	2.34	0.71	0.85
400	☐	458	23.24	0	09:53 hrs	2.76	0.00	0.00	0.63	1.77	0.32	2.09	0.99	0.76
401	☐	459	33.87	0	09:53 hrs	3.06	0.00	0.00	0.71	1.98	0.33	2.32	1.42	0.76
402	☐	46	22.19	0	09:53 hrs	2.76	0.00	0.00	0.38	1.99	0.33	2.32	0.84	0.84
403	☐	460	10.44	0	09:53 hrs	2.76	0.00	0.00	0.24	2.38	0.10	2.48	0.40	0.90
404	☐	461	41.94	0	10:00 hrs	2.76	0.00	0.00	0.28	2.30	0.12	2.41	2.10	0.87
405	☐	462	58.57	0	10:00 hrs	2.76	0.00	0.00	0.23	2.36	0.10	2.46	3.01	0.89
406	☐	463	26.43	0	09:53 hrs	3.06	0.00	0.00	0.34	2.51	0.16	2.68	1.06	0.88
407	☐	464	5.42	0	09:53 hrs	2.76	0.00	0.00	0.68	1.78	0.28	2.06	0.18	0.75
408	☐	465	9.80	0	09:53 hrs	2.76	0.00	0.00	1.03	1.30	0.41	1.71	0.39	0.62

FUTURE CONDITIONS 20-YR 24-HR SUBCATCHMENTS

		ID	Peak Runoff (cfs)	Peak Runoff Day Count (Elapsed Days)	Peak Runoff Time (hrs)	Total Precipitation (in)	Total Runon (in)	Total Evaporation (in)	Total Infiltration (in)	Impervious Runoff (in)	Pervious Runoff (in)	Total Runoff Depth (in)	Total Runoff Volume (MG)	Runoff Coefficient
409	☐	466	2.88	0	09:53 hrs	2.76	0.00	0.00	1.33	0.89	0.54	1.43	0.10	0.52
410	☐	467	23.83	0	09:53 hrs	2.76	0.00	0.00	0.59	1.87	0.26	2.13	1.02	0.77
411	☐	468	6.49	0	09:53 hrs	3.06	0.00	0.00	0.85	2.15	0.04	2.19	0.23	0.72
412	☐	469	23.80	0	09:53 hrs	3.06	0.00	0.00	0.95	2.08	0.00	2.08	0.94	0.68
413	☐	47	22.92	0	09:53 hrs	2.76	0.00	0.00	0.29	2.15	0.25	2.39	0.98	0.87
414	☐	470	7.98	0	09:53 hrs	2.76	0.00	0.00	0.76	1.66	0.31	1.98	0.29	0.72
415	☐	471	2.57	0	09:53 hrs	3.06	0.00	0.00	0.53	2.29	0.26	2.56	0.07	0.84
416	☐	472	2.43	0	09:53 hrs	3.06	0.00	0.00	0.51	2.31	0.26	2.56	0.07	0.84
417	☐	473	2.50	0	09:53 hrs	3.06	0.00	0.00	0.21	2.74	0.10	2.84	0.08	0.93
418	☐	474	11.60	0	09:53 hrs	3.06	0.00	0.00	0.90	2.14	0.00	2.14	0.44	0.70
419	☐	475	192.71	0	10:00 hrs	3.06	0.00	0.00	1.16	1.30	0.51	1.81	13.06	0.59
420	☐	476	170.51	0	09:53 hrs	3.06	0.00	0.00	1.22	1.19	0.58	1.77	10.62	0.58
421	☐	477	50.63	0	10:00 hrs	2.76	0.00	0.00	1.15	1.19	0.38	1.57	3.16	0.57
422	☐	478	45.27	0	09:53 hrs	3.06	0.00	0.00	0.39	2.17	0.41	2.58	1.84	0.84
423	☐	479	10.43	0	10:00 hrs	3.06	0.00	0.00	2.06	0.15	0.84	0.99	0.87	0.32
424	☐	48	45.29	0	09:53 hrs	2.76	0.00	0.00	0.49	1.82	0.37	2.19	2.04	0.79
425	☐	480	15.86	0	09:53 hrs	3.06	0.00	0.00	1.12	1.40	0.52	1.92	0.65	0.63
426	☐	481	42.61	0	09:53 hrs	3.06	0.00	0.00	0.93	1.67	0.42	2.09	1.96	0.68
427	☐	489	24.46	0	10:00 hrs	2.76	0.00	0.00	1.98	0.17	0.58	0.75	2.42	0.27
428	☐	49	19.49	0	09:53 hrs	2.76	0.00	0.00	0.17	2.47	0.07	2.54	0.80	0.92
429	☐	490	20.76	0	09:53 hrs	3.06	0.00	0.00	1.20	1.30	0.54	1.84	0.94	0.60
430	☐	491	7.51	0	10:00 hrs	3.06	0.00	0.00	2.05	0.15	0.86	1.01	0.54	0.33
431	☐	492	2.71	0	09:53 hrs	3.06	0.00	0.00	1.17	1.33	0.55	1.88	0.10	0.61
432	☐	493	24.94	0	09:53 hrs	3.06	0.00	0.00	1.19	1.31	0.53	1.85	1.16	0.60
433	☐	494	132.61	0	10:00 hrs	3.06	0.00	0.00	1.22	1.30	0.49	1.79	8.44	0.59
434	☐	496	10.66	0	10:00 hrs	2.76	0.00	0.00	1.94	0.21	0.61	0.81	0.91	0.30
435	☐	5	18.43	0	09:53 hrs	3.06	0.00	0.00	0.81	1.84	0.38	2.22	0.70	0.73
436	☐	50	23.08	0	09:53 hrs	2.76	0.00	0.00	0.61	1.87	0.25	2.12	0.91	0.77
437	☐	51	24.73	0	09:53 hrs	2.76	0.00	0.00	0.53	1.98	0.22	2.20	0.97	0.80
438	☐	52	44.96	0	09:53 hrs	2.76	0.00	0.00	0.68	1.74	0.31	2.04	2.10	0.74
439	☐	53	39.73	0	10:00 hrs	2.76	0.00	0.00	0.48	1.90	0.31	2.20	1.89	0.80
440	☐	54	37.89	0	09:53 hrs	2.76	0.00	0.00	0.32	2.25	0.13	2.38	1.74	0.86
441	☐	55	44.50	0	10:00 hrs	2.76	0.00	0.00	0.39	2.16	0.16	2.31	2.12	0.84
442	☐	56	38.83	0	09:53 hrs	2.76	0.00	0.00	0.41	2.13	0.17	2.30	1.84	0.83

FUTURE CONDITIONS 20-YR 24-HR SUBCATCHMENTS

		ID	Peak Runoff (cfs)	Peak Runoff Day Count (Elapsed Days)	Peak Runoff Time (hrs)	Total Precipitation (in)	Total Runon (in)	Total Evaporation (in)	Total Infiltration (in)	Impervious Runoff (in)	Pervious Runoff (in)	Total Runoff Depth (in)	Total Runoff Volume (MG)	Runoff Coefficient
443		57	26.81	0	09:53 hrs	2.76	0.00	0.00	0.53	1.97	0.22	2.19	1.15	0.79
444		58	27.33	0	09:53 hrs	2.76	0.00	0.00	0.76	1.56	0.41	1.96	1.19	0.71
445		59	28.72	0	09:53 hrs	2.76	0.00	0.00	0.52	1.74	0.42	2.16	1.26	0.78
446		6	7.80	0	09:53 hrs	3.06	0.00	0.00	0.65	2.35	0.04	2.39	0.27	0.78
447		60	6.38	0	09:53 hrs	2.76	0.00	0.00	0.64	1.84	0.27	2.11	0.21	0.76
448		61	33.40	0	09:53 hrs	2.76	0.00	0.00	0.44	1.86	0.37	2.23	1.53	0.81
449		62	18.99	0	09:53 hrs	2.76	0.00	0.00	0.50	1.75	0.43	2.18	0.83	0.79
450		63	36.46	0	09:53 hrs	2.76	0.00	0.00	0.71	1.44	0.51	1.96	1.76	0.71
451		64	40.97	0	09:53 hrs	2.76	0.00	0.00	0.88	1.47	0.39	1.86	1.61	0.67
452		65	31.82	0	09:53 hrs	2.76	0.00	0.00	1.22	0.96	0.57	1.53	1.27	0.55
453		66	16.52	0	09:53 hrs	2.76	0.00	0.00	0.68	1.55	0.47	2.02	0.61	0.73
454		67	32.60	0	09:53 hrs	2.76	0.00	0.00	0.84	1.37	0.50	1.87	1.26	0.68
455		68	35.61	0	09:53 hrs	2.76	0.00	0.00	1.15	1.10	0.49	1.60	1.37	0.58
456		69	44.97	0	09:53 hrs	2.76	0.00	0.00	0.56	1.70	0.42	2.12	2.05	0.77
457		7	5.04	0	09:53 hrs	3.06	0.00	0.00	0.20	2.73	0.10	2.83	0.17	0.93
458		70	20.92	0	09:53 hrs	2.76	0.00	0.00	0.42	1.90	0.36	2.26	0.91	0.82
459		71	40.77	0	09:53 hrs	3.06	0.00	0.00	0.59	1.74	0.61	2.36	1.96	0.77
460		72	45.95	0	09:53 hrs	3.06	0.00	0.00	0.64	1.64	0.66	2.30	2.26	0.75
461		73	5.14	0	09:53 hrs	2.76	0.00	0.00	0.59	1.58	0.52	2.10	0.18	0.76
462		74	12.43	0	09:53 hrs	2.76	0.00	0.00	0.70	1.37	0.60	1.97	0.53	0.71
463		75	42.81	0	09:53 hrs	3.06	0.00	0.00	0.64	1.65	0.66	2.31	2.03	0.75
464		76	11.19	0	09:53 hrs	2.76	0.00	0.00	0.62	1.52	0.54	2.05	0.44	0.74
465		77	54.51	0	10:00 hrs	2.76	0.00	0.00	0.30	2.27	0.12	2.40	2.67	0.87
466		78	23.43	0	09:53 hrs	2.76	0.00	0.00	0.10	2.56	0.04	2.60	1.10	0.94
467		79	25.31	0	09:53 hrs	2.76	0.00	0.00	0.61	1.86	0.25	2.11	1.04	0.77
468		8	189.35	0	10:00 hrs	3.06	0.00	0.00	1.66	0.69	0.55	1.24	16.02	0.40
469		80	38.65	0	09:53 hrs	2.76	0.00	0.00	0.32	2.25	0.13	2.39	1.79	0.86
470		81	39.98	0	09:53 hrs	2.76	0.00	0.00	0.34	2.23	0.14	2.37	1.80	0.86
471		82	65.67	0	10:00 hrs	2.76	0.00	0.00	0.30	2.23	0.16	2.39	3.33	0.87
472		83	82.48	0	10:00 hrs	2.76	0.00	0.00	0.70	1.73	0.27	2.01	4.50	0.73
473		84	58.08	0	10:00 hrs	2.76	0.00	0.00	0.58	1.91	0.23	2.13	2.84	0.77
474		85	53.98	0	10:00 hrs	2.76	0.00	0.00	0.45	2.07	0.18	2.25	2.79	0.81
475		86	55.02	0	10:00 hrs	2.76	0.00	0.00	0.16	2.42	0.10	2.52	2.88	0.91
476		87	75.60	0	10:00 hrs	2.76	0.00	0.00	0.17	2.43	0.07	2.51	4.19	0.91

FUTURE CONDITIONS 20-YR 24-HR SUBCATCHMENTS

		ID	Peak Runoff (cfs)	Peak Runoff Day Count (Elapsed Days)	Peak Runoff Time (hrs)	Total Precipitation (in)	Total Runon (in)	Total Evaporation (in)	Total Infiltration (in)	Impervious Runoff (in)	Pervious Runoff (in)	Total Runoff Depth (in)	Total Runoff Volume (MG)	Runoff Coefficient
477	☐	88	38.01	0	10:00 hrs	2.76	0.00	0.00	0.23	2.24	0.20	2.44	1.85	0.89
478	☐	89	73.33	0	10:00 hrs	2.76	0.00	0.00	0.26	2.19	0.22	2.41	3.83	0.87
479	☐	9	9.81	0	09:53 hrs	3.06	0.00	0.00	0.22	2.70	0.11	2.81	0.34	0.92
480	☐	90	95.35	0	10:00 hrs	2.76	0.00	0.00	0.11	2.47	0.09	2.56	5.21	0.93
481	☐	91	60.81	0	10:00 hrs	2.76	0.00	0.00	0.25	2.21	0.21	2.43	2.98	0.88
482	☐	92	23.28	0	09:53 hrs	2.76	0.00	0.00	0.11	2.47	0.10	2.58	1.07	0.93
483	☐	93	53.29	0	10:00 hrs	2.76	0.00	0.00	0.27	2.30	0.12	2.43	2.59	0.88
484	☐	94	2.01	0	09:53 hrs	2.76	0.00	0.00	0.14	2.47	0.13	2.60	0.07	0.94
485	☐	95	2.79	0	09:53 hrs	2.76	0.00	0.00	0.16	2.46	0.11	2.57	0.10	0.93
486	☐	96	49.69	0	10:00 hrs	2.76	0.00	0.00	0.86	1.54	0.32	1.86	2.54	0.67
487	☐	97	22.84	0	09:53 hrs	2.76	0.00	0.00	0.95	1.42	0.37	1.79	1.01	0.65
488	☐	98	3.12	0	09:53 hrs	2.76	0.00	0.00	0.19	2.46	0.08	2.54	0.11	0.92
489	☐	99	21.63	0	09:53 hrs	2.76	0.00	0.00	0.84	1.56	0.33	1.89	0.94	0.69

FUTURE CONDITIONS 20-YR 24-HR JUNCTIONS

		ID	Maximum Depth (ft)	Maximum HGL (ft)	Maximum HGL Head Class	Freeboard (ft)	Max.Depth Day-Time (day-time)	Maximum Lateral Inflow (cfs)	Maximum Total Inflow (cfs)	Lateral Inflow Volume (MG)	Total Inflow Volume (MG)	Flow Volume Difference (MG)	Total Surcharge Time (hrs)	Max.Surchar ge Height Above Crown (ft)	Min.Surchar ge Depth Below Rim (ft)	Total Flood Volume (MG)	Total Flood Time (hrs)	Maximum Flood Rate (cfs)	Max.Flood Day-Time (day-time)
1	☐	AC3_OTL	0.74	82.13	Flow Link Cro	1.01	0 - 11:47 hrs	0.00	5.76	0.00	2.69	107.14	0.00	0.00	0.00	0.00	0.00	0.00	0 - 00:00 hrs
2	☐	CP_OV_OTL_1	6.94	42.12	Flow Link Cro	-4.94	0 - 14:19 hrs	0.00	2.18	0.00	0.01	1,165.43	0.00	0.00	0.00	0.00	0.00	0.00	0 - 00:00 hrs
3	☐	ELD_OTL	16.03	113.45	Surcharged	-12.53	0 - 12:14 hrs	0.00	75.86	0.00	4.14	62,412.65	21.34	12.53	0.00	0.00	0.00	0.00	0 - 00:00 hrs
4	☐	ID_1	7.46	43.04	w Maximum C	0.94	0 - 09:47 hrs	25.02	44.16	1.12	3.88	1,090.46	15.71	4.56	0.94	0.00	0.00	0.00	0 - 00:00 hrs
5	☐	ID_10	10.60	38.90	Surcharged	-6.40	0 - 04:07 hrs	0.00	8.78	0.00	4.06	557.02	39.76	8.60	0.00	0.00	0.00	0.00	0 - 00:00 hrs
6	☐	ID_11	11.07	51.00	w Maximum C	0.00	0 - 00:00 hrs	0.00	179.37	0.00	4.44	3,178.30	0.01	6.07	0.00	0.01	0.00	139.53	0 - 00:00 hrs
7	☐	ID_12	12.63	98.50	w Maximum C	0.00	0 - 09:55 hrs	0.00	65.37	0.00	4.68	-2.27	0.82	8.95	0.00	0.00	0.00	15.72	0 - 09:55 hrs
8	☐	ID_13	6.17	38.93	w Maximum C	2.07	0 - 09:59 hrs	0.00	280.37	0.00	29.51	5,695.51	0.19	0.67	2.07	0.00	0.00	0.00	0 - 00:00 hrs
9	☐	ID_14	4.41	52.05	Flow Link Cro	5.79	0 - 10:04 hrs	0.00	428.99	0.00	62.91	1,050.24	0.00	0.00	0.00	0.00	0.00	0.00	0 - 00:00 hrs
10	☐	ID_2	15.01	82.68	Surcharged	0.00	0 - 09:52 hrs	0.00	165.13	0.00	16.71	205.63	4.22	10.51	0.00	0.00	0.00	26.47	0 - 09:52 hrs
11	☐	ID_3	5.37	84.29	Surcharged	0.00	0 - 09:48 hrs	0.00	23.35	0.00	2.52	185.82	2.15	3.12	0.00	0.07	0.61	7.30	0 - 09:48 hrs
12	☐	ID_4	11.92	41.78	Surcharged	-9.28	0 - 16:46 hrs	0.00	9.49	0.00	4.08	-90.89	28.12	5.42	0.00	0.00	0.00	0.00	0 - 00:00 hrs
13	☐	ID_5	11.37	41.02	Surcharged	-8.52	0 - 14:55 hrs	0.00	8.81	0.00	4.09	582.15	39.96	9.37	0.00	0.00	0.00	0.00	0 - 00:00 hrs
14	☐	ID_6	10.87	40.30	Surcharged	-7.80	0 - 16:38 hrs	0.00	8.79	0.00	4.08	639.10	39.93	8.87	0.00	0.00	0.00	0.00	0 - 00:00 hrs
15	☐	ID_7	10.23	39.41	Surcharged	-6.91	0 - 14:26 hrs	0.00	8.78	0.00	4.08	1,271.50	39.91	8.23	0.00	0.00	0.00	0.00	0 - 00:00 hrs
16	☐	ID_8	8.69	37.27	Surcharged	-4.77	0 - 13:48 hrs	0.00	8.78	0.00	4.07	686.58	39.77	6.69	0.00	0.00	0.00	0.00	0 - 00:00 hrs
17	☐	ID_9	8.96	37.31	Surcharged	-4.81	0 - 04:07 hrs	0.00	8.78	0.00	4.06	542.46	39.76	6.96	0.00	0.00	0.00	0.00	0 - 00:00 hrs
18	☐	JCT_12	3.76	99.76	Flow Link Cro	0.74	0 - 09:56 hrs	0.00	88.88	0.00	2.80	-18.14	0.00	0.00	0.00	0.00	0.00	0.00	0 - 00:00 hrs
19	☐	JCT_14	10.75	86.61	Surcharged	-2.75	0 - 13:15 hrs	0.00	12.49	0.00	1.84	53,895.97	28.58	2.75	0.00	0.00	0.00	0.00	0 - 00:00 hrs
20	☐	JCT_CL512	2.49	54.03	Flow Link Cro	54.05	0 - 10:04 hrs	64.42	267.49	2.51	21.63	3,367.78	0.00	0.00	0.00	0.00	0.00	0.00	0 - 00:00 hrs
21	☐	MB_OTL	6.78	98.64	Surcharged	-4.78	0 - 10:07 hrs	0.00	42.10	0.00	8.57	-3,365.18	0.54	0.92	0.00	0.00	0.00	0.00	0 - 00:00 hrs
22	☐	MKP_OTL	6.38	98.77	Surcharged	-4.88	0 - 10:22 hrs	0.00	17.32	0.00	1.35	-28.62	7.11	3.51	0.00	0.00	0.00	0.00	0 - 00:00 hrs
23	☐	MONTEBELLA_DITCH_OVF	10.30	100.13	w Maximum C	0.00	0 - 09:56 hrs	180.01	180.01	8.39	8.39	0.00	0.98	5.80	0.00	0.09	0.16	40.02	0 - 09:59 hrs
24	☐	MONTEBELLA_DITCH_OVF2	9.20	98.18	w Maximum C	0.00	0 - 09:56 hrs	0.00	27.09	0.00	0.13	0.00	1.34	6.05	0.00	0.11	0.26	27.08	0 - 10:07 hrs
25	☐	MS_200_221	3.44	50.60	Flow Link Cro	6.94	0 - 09:59 hrs	92.78	285.21	3.70	24.29	1,895.34	0.00	0.00	0.00	0.00	0.00	0.00	0 - 00:00 hrs
26	☐	SWCB-D3-010	4.78	86.80	w Maximum C	3.64	0 - 13:06 hrs	0.00	27.15	0.00	1.34	0.00	28.29	2.53	3.64	0.00	0.00	0.00	0 - 00:00 hrs
27	☐	SWCB-E3-003	4.38	86.63	w Maximum C	2.52	0 - 13:15 hrs	8.06	8.06	0.27	0.27	0.00	28.15	2.38	2.52	0.00	0.00	0.00	0 - 00:00 hrs
28	☐	SWCB-E3-005	4.24	86.62	w Maximum C	0.98	0 - 12:25 hrs	0.00	2.65	0.00	0.08	548.74	28.06	2.24	0.98	0.00	0.00	0.00	0 - 00:00 hrs
29	☐	SWCB-E3-007	4.56	86.62	w Maximum C	1.04	0 - 13:22 hrs	0.00	11.05	0.00	0.41	384.56	28.28	2.56	1.04	0.00	0.00	0.00	0 - 00:00 hrs
30	☐	SWCB-E3-008	4.22	86.57	w Maximum C	0.58	0 - 12:27 hrs	11.03	11.03	0.41	0.41	0.00	28.18	2.22	0.58	0.00	0.00	0.00	0 - 00:00 hrs
31	☐	SWCB-E4-009	8.40	102.62	Surcharged	0.00	0 - 09:55 hrs	0.00	57.94	0.00	3.91	-80.51	2.42	5.40	0.00	0.00	0.00	19.84	0 - 09:55 hrs
32	☐	SWCB-E4-010	6.45	99.52	w Maximum C	0.00	0 - 09:55 hrs	0.00	74.94	0.00	4.71	223.05	2.50	3.45	0.00	0.31	0.62	42.59	0 - 10:04 hrs
33	☐	SWCB-E4-025	7.08	98.46	Surcharged	0.00	0 - 09:53 hrs	0.00	57.82	0.00	5.48	108.38	2.64	4.08	0.00	0.02	0.19	5.80	0 - 09:59 hrs
34	☐	SWCB-F4-009	7.00	94.48	Surcharged	0.00	0 - 09:53 hrs	0.00	46.53	0.00	5.29	21.55	3.15	3.95	0.00	0.20	0.84	21.86	0 - 09:53 hrs
35	☐	SWCB-F4-034	7.05	94.40	Surcharged	0.00	0 - 09:53 hrs	0.00	47.72	0.00	5.09	162.72	3.33	4.05	0.00	0.19	0.71	15.93	0 - 09:53 hrs
36	☐	SWCB-G6-027	9.50	101.57	Surcharged	0.00	0 - 09:57 hrs	0.00	28.14	0.00	2.30	380.32	2.05	7.00	0.00	0.00	0.00	0.17	0 - 09:57 hrs
37	☐	SWCB-G6-037	4.10	104.35	Surcharged	0.00	0 - 09:57 hrs	27.95	27.95	1.11	1.11	0.00	0.31	2.10	0.00	0.00	0.01	1.38	0 - 09:57 hrs
38	☐	SWCB-G6-056	8.45	95.46	Surcharged	0.00	0 - 09:51 hrs	0.00	31.25	0.00	2.73	218.33	1.49	5.95	0.00	0.00	0.00	3.49	0 - 09:51 hrs
39	☐	SWCB-G6-065	9.61	102.01	w Maximum C	0.19	0 - 09:57 hrs	0.00	28.15	0.00	2.29	0.00	1.48	7.11	0.19	0.00	0.00	0.00	0 - 00:00 hrs
40	☐	SWCB-H4-019	0.80	73.20	Flow Link Cro	3.25	0 - 09:59 hrs	9.73	9.73	0.34	0.34	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0 - 00:00 hrs
41	☐	SWCB-H4-021	1.40	71.04	Flow Link Cro	4.45	0 - 09:59 hrs	0.00	9.67	0.00	0.34	37.01	0.00	0.00	0.00	0.00	0.00	0.00	0 - 00:00 hrs
42	☐	SWCB-H5-002	5.80	87.33	Surcharged	0.00	0 - 09:49 hrs	41.92	41.92	1.85	1.85	0.00	2.55	3.80	0.00	0.34	0.74	35.18	0 - 09:59 hrs
43	☐	SWCB-H5-003	6.10	87.50	Surcharged	0.00	0 - 09:49 hrs	0.00	16.23	0.00	1.51	84.95	2.65	4.10	0.00	0.00	0.00	0.04	0 - 09:49 hrs
44	☐	SWCB-H5-007	5.80	86.54	Surcharged	0.00	0 - 09:51 hrs	0.00	23.20	0.00	1.94	43.31	1.74	3.55	0.00	0.00	0.00	5.46	0 - 09:51 hrs
45	☐	SWCB-H5-009	6.87	88.37	w Maximum C	0.03	0 - 09:52 hrs	0.00	23.20	0.00	1.94	82.23	1.81	4.87	0.03	0.00	0.00	0.00	0 - 00:00 hrs
46	☐	SWCB-H5-010	6.50	88.48	Surcharged	0.00	0 - 09:51 hrs	45.77	45.77	2.06	2.06	0.00	1.71	4.50	0.00	0.13	0.45	22.57	0 - 09:59 hrs
47	☐	SWCB-H6-011	11.70	96.85	w Maximum C	0.00	0 - 09:52 hrs	34.89	53.02	1.43	4.16	352.26	1.37	9.20	0.00	0.00	0.00	0.96	0 - 09:52 hrs
48	☐	SWCB-H6-013	1.44	80.55	Flow Link Cro	12.51	0 - 09:59 hrs	0.00	52.99	0.00	4.16	152.81	0.00	0.00	0.00	0.00	0.00	0.00	0 - 00:00 hrs
49	☐	SWCB-H7-067	7.53	68.86	w Maximum C	0.12	0 - 10:02 hrs	0.00	80.66	0.00	3.45	741.23	0.35	3.53	0.12	0.00	0.00	0.00	0 - 00:00 hrs

FUTURE CONDITIONS 20-YR 24-HR JUNCTIONS

		ID	Maximum Depth (ft)	Maximum HGL (ft)	Maximum HGL Head Class	Freeboard (ft)	Max.Depth Day-Time (day-time)	Maximum Lateral Inflow (cfs)	Maximum Total Inflow (cfs)	Lateral Inflow Volume (MG)	Total Inflow Volume (MG)	Flow Volume Difference (MG)	Total Surcharge Time (hrs)	Max.Surchar ge Height Above Crown	Min.Surchar ge Depth Below Rim (ft)	Total Flood Volume (MG)	Total Flood Time (hrs)	Maximum Flood Rate (cfs)	Max.Flood Day-Time (day-time)
50	☐	SWCB-H7-099	3.78	68.57	w Maximum	5.32	0 - 00:02 hrs	0.00	36.46	0.00	2.32	638.40	0.51	1.28	5.32	0.00	0.00	0.00	0 - 00:00 hrs
51	☐	SWCB-H7-115	0.88	59.07	low Link Cro	6.22	0 - 09:59 hrs	0.00	18.60	0.00	0.70	224.70	0.00	0.00	0.00	0.00	0.00	0.00	0 - 00:00 hrs
52	☐	SWCB-I8-070	10.30	105.76	w Maximum	0.00	0 - 10:00 hrs	0.00	19.59	0.00	0.66	-22.01	0.45	8.30	0.00	0.00	0.00	15.01	0 - 10:00 hrs
53	☐	SWCB-J2-017	5.27	40.62	w Maximum	0.13	0 - 09:56 hrs	0.00	15.01	0.00	1.11	0.00	41.37	3.27	0.13	0.00	0.00	0.00	0 - 00:00 hrs
54	☐	SWCB-J4-002	8.14	41.09	w Maximum	0.59	0 - 09:59 hrs	0.00	280.31	0.00	15.38	7,999.30	0.66	2.64	0.59	0.00	0.00	0.00	0 - 00:00 hrs
55	☐	SWCB-J4-003	11.32	62.63	Surcharged	0.00	0 - 09:57 hrs	45.29	45.29	2.03	2.03	0.00	0.30	9.32	0.00	0.00	0.00	1.87	0 - 09:57 hrs
56	☐	SWCB-J8-026	7.30	105.79	Surcharged	0.00	0 - 10:00 hrs	0.00	24.04	0.00	0.96	58.68	0.19	5.30	0.00	0.00	0.00	8.66	0 - 10:00 hrs
57	☐	SWCB-J8-027	6.67	105.90	w Maximum	0.23	0 - 10:00 hrs	0.00	23.72	0.00	0.96	38.07	0.29	4.67	0.23	0.00	0.00	0.00	0 - 00:00 hrs
58	☐	SWCB-J8-043	4.40	102.58	Surcharged	0.00	0 - 09:42 hrs	0.00	30.39	0.00	5.72	211.45	5.39	1.90	0.00	0.02	0.74	2.72	0 - 10:03 hrs
59	☐	SWCB-K6-019	8.42	71.63	Surcharged	0.00	0 - 09:59 hrs	0.00	32.56	0.00	1.54	-65.43	0.34	5.75	0.00	0.00	0.00	9.00	0 - 09:59 hrs
60	☐	SWCB-K7-003	5.35	90.72	w Maximum	0.20	0 - 09:55 hrs	0.00	28.28	0.00	4.01	206.70	1.18	2.60	0.20	0.00	0.00	0.00	0 - 00:00 hrs
61	☐	SWCB-K7-004	6.19	90.70	w Maximum	0.03	0 - 09:55 hrs	0.00	72.05	0.00	8.02	371.46	1.21	2.68	0.03	0.00	0.00	0.00	0 - 00:00 hrs
62	☐	SWCB-K7-005	5.40	89.18	Surcharged	0.00	0 - 09:55 hrs	0.00	72.05	0.00	8.01	156.53	0.87	1.90	0.00	0.00	0.00	0.26	0 - 09:55 hrs
63	☐	SWCB-K7-031	5.22	89.24	w Maximum	0.00	0 - 09:55 hrs	0.00	72.10	0.00	8.01	173.75	0.73	1.72	0.00	0.00	0.00	3.49	0 - 09:55 hrs
64	☐	SWCB-K7-032	5.80	88.07	Surcharged	0.00	0 - 09:55 hrs	0.00	69.88	0.00	8.01	219.42	0.74	2.05	0.00	0.00	0.00	4.66	0 - 09:55 hrs
65	☐	SWCB-K7-033	5.90	88.19	w Maximum	0.00	0 - 09:55 hrs	0.00	69.84	0.00	8.01	328.75	0.85	2.15	0.00	0.00	0.00	0.26	0 - 09:55 hrs
66	☐	SWCB-K7-036	8.48	70.38	w Maximum	0.00	0 - 09:56 hrs	0.00	68.52	0.00	7.30	143.74	0.98	5.48	0.00	0.07	0.31	10.54	0 - 10:00 hrs
67	☐	SWCB-K7-037	8.84	67.87	Surcharged	0.00	0 - 09:56 hrs	0.00	63.53	0.00	7.23	298.61	1.10	5.84	0.00	0.04	0.25	11.04	0 - 10:03 hrs
68	☐	SWCB-L2-009	8.53	44.55	w Maximum	2.32	0 - 09:56 hrs	0.00	27.54	0.00	2.79	5,094.80	4.20	5.03	2.32	0.00	0.00	0.00	0 - 00:00 hrs
69	☐	SWCB-L2-010	9.11	44.36	w Maximum	1.39	0 - 09:56 hrs	0.00	30.88	0.00	2.82	3,377.42	47.17	5.61	1.39	0.00	0.00	0.00	0 - 00:00 hrs
70	☐	SWCB-L4-089	6.70	48.09	w Maximum	0.00	0 - 09:48 hrs	19.49	58.41	0.79	5.88	1,208.46	4.27	3.20	0.00	0.03	0.25	8.52	0 - 09:59 hrs
71	☐	SWCB-L5-015	6.16	47.68	w Maximum	0.19	0 - 09:56 hrs	0.00	57.49	0.00	5.66	202.21	3.08	2.66	0.19	0.00	0.00	0.00	0 - 00:00 hrs
72	☐	SWCB-L5-021	6.75	53.41	Surcharged	0.00	0 - 09:52 hrs	0.00	47.52	0.00	3.73	128.43	1.28	3.75	0.00	0.00	0.00	9.65	0 - 09:52 hrs
73	☐	SWCB-L6-018	4.52	74.70	w Maximum	0.00	0 - 09:56 hrs	36.46	81.63	1.75	6.91	456.35	0.72	1.52	0.00	0.05	0.24	11.94	0 - 09:59 hrs
74	☐	SWCB-L8-032	8.61	95.89	Surcharged	0.00	0 - 09:57 hrs	0.00	60.99	0.00	2.43	-233.44	1.17	4.61	0.00	0.00	0.00	34.37	0 - 09:57 hrs
75	☐	SWCB-M2-018	6.15	41.63	Surcharged	0.00	0 - 09:42 hrs	0.00	34.01	0.00	5.96	2,024.67	10.10	2.65	0.00	0.00	0.00	0.86	0 - 09:42 hrs
76	☐	SWCB-M2-019	6.30	41.29	Surcharged	0.00	0 - 09:42 hrs	0.00	34.05	0.00	5.94	1,580.05	15.33	2.80	0.00	0.00	0.02	1.50	0 - 09:42 hrs
77	☐	SWCB-M2-023	6.15	41.10	w Maximum	0.00	0 - 09:42 hrs	0.00	34.04	0.00	5.93	898.57	15.81	2.65	0.00	0.00	0.00	0.74	0 - 09:42 hrs
78	☐	SWCB-M2-025	6.00	40.78	Surcharged	0.00	0 - 09:42 hrs	30.18	64.22	1.39	7.31	2,478.26	17.72	2.50	0.00	0.26	0.82	25.66	0 - 09:59 hrs
79	☐	SWCB-M2-027	6.35	40.23	w Maximum	0.20	0 - 09:49 hrs	0.00	38.49	0.00	7.03	4,334.29	26.87	2.85	0.20	0.00	0.00	0.00	0 - 00:00 hrs
80	☐	SWCB-M2-046	6.72	42.87	w Maximum	0.00	0 - 09:42 hrs	0.00	30.20	0.00	3.10	903.59	11.25	3.97	0.00	0.02	0.33	4.02	0 - 09:59 hrs
81	☐	SWCB-M2-050	5.10	44.01	w Maximum	0.00	0 - 09:38 hrs	19.02	29.38	0.83	3.29	-451.88	7.61	3.10	0.00	0.31	2.16	18.61	0 - 09:59 hrs
82	☐	SWCB-M3-038	6.25	52.12	w Maximum	0.00	0 - 09:41 hrs	31.20	31.20	1.40	1.40	0.00	5.78	5.00	0.00	0.33	1.54	26.38	0 - 09:59 hrs
83	☐	SWCB-M6-014	4.35	67.70	w Maximum	0.00	0 - 09:55 hrs	33.90	33.90	1.60	1.60	0.00	0.72	2.35	0.00	0.05	0.28	11.41	0 - 09:59 hrs
84	☐	SWCB-M6-015	4.20	66.53	w Maximum	0.00	0 - 09:55 hrs	0.00	24.51	0.00	1.55	18.04	0.64	2.20	0.00	0.00	0.00	3.65	0 - 09:55 hrs
85	☐	SWCB-M6-016	6.54	66.53	w Maximum	0.00	0 - 09:55 hrs	0.00	22.75	0.00	1.55	73.32	0.79	4.54	0.00	0.00	0.00	1.78	0 - 09:55 hrs
86	☐	SWCB-M6-033	4.75	65.40	Surcharged	0.00	0 - 09:55 hrs	0.00	22.73	0.00	1.55	38.34	0.80	2.75	0.00	0.00	0.00	0.40	0 - 09:55 hrs
87	☐	SWCB-N2-003	5.65	39.62	Surcharged	0.00	0 - 09:42 hrs	0.00	38.51	0.00	7.00	0.00	25.89	2.15	0.00	0.34	2.04	13.54	0 - 10:03 hrs
88	☐	SWCB-N3-015	4.95	45.84	Surcharged	0.00	0 - 09:40 hrs	0.00	12.13	0.00	2.47	842.94	6.51	2.95	0.00	0.00	0.70	1.69	0 - 09:40 hrs
89	☐	SWCB-N3-016	4.32	46.33	Surcharged	0.00	0 - 09:41 hrs	0.00	22.21	0.00	2.81	94.14	6.01	2.32	0.00	0.34	2.13	11.86	0 - 10:03 hrs
90	☐	SWCB-N3-089	6.75	42.85	Surcharged	0.00	0 - 09:45 hrs	0.00	86.09	0.00	9.35	1,893.67	8.48	3.25	0.00	1.06	1.06	86.09	0 - 10:03 hrs
91	☐	SWCB-N5-016	6.10	55.26	Surcharged	0.00	0 - 09:48 hrs	0.00	2.83	0.00	0.01	0.00	0.23	3.85	0.00	0.00	0.00	1.17	0 - 09:48 hrs
92	☐	SWCB-N6-002	8.29	54.06	w Maximum	2.94	0 - 00:01 hrs	0.00	99.34	0.00	8.04	1,092.67	47.97	4.79	2.94	0.00	0.00	0.00	0 - 00:00 hrs
93	☐	SWCB-N6-003	9.74	55.57	w Maximum	3.43	0 - 00:01 hrs	0.00	123.58	0.00	8.04	1,129.46	47.95	6.24	3.43	0.00	0.00	0.00	0 - 00:00 hrs
94	☐	SWCB-N6-039	10.35	56.00	w Maximum	0.00	0 - 00:00 hrs	0.00	147.21	0.00	8.04	1,365.81	47.99	6.85	0.00	0.00	0.00	89.07	0 - 00:00 hrs
95	☐	SWCB-N6-040	11.09	56.99	Surcharged	0.00	0 - 00:01 hrs	0.00	95.12	0.00	8.04	1,633.16	47.95	7.59	0.00	0.00	0.00	12.63	0 - 00:01 hrs
96	☐	SWCB-N7-011	1.75	58.33	low Link Cro	5.10	0 - 09:57 hrs	0.00	11.38	0.00	0.46	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0 - 00:00 hrs
97	☐	SWCB-O2-011	6.80	42.51	Surcharged	0.00	0 - 09:51 hrs	18.22	42.09	0.76	3.80	3,571.29	10.00	3.30	0.00	0.05	0.35	12.08	0 - 09:59 hrs
98	☐	SWCB-O2-020	6.20	38.92	w Maximum	0.00	0 - 09:45 hrs	0.00	26.50	0.00	3.38	531.41	31.25	4.20	0.00	2.61	5.59	26.49	0 - 11:34 hrs

FUTURE CONDITIONS 20-YR 24-HR JUNCTIONS

		ID	Maximum Depth (ft)	Maximum HGL (ft)	Maximum HGL Head Class	Freeboard (ft)	Max.Depth Day-Time (day-time)	Maximum Lateral Inflow (cfs)	Maximum Total Inflow (cfs)	Lateral Inflow Volume (MG)	Total Inflow Volume (MG)	Flow Volume Difference (MG)	Total Surcharge Time (hrs)	Max.Surchar ge Height Above Crown	Min.Surchar ge Depth Below Rim (ft)	Total Flood Volume (MG)	Total Flood Time (hrs)	Maximum Flood Rate (cfs)	Max.Flood Day-Time (day-time)
99	☐	SWCB-O2-021	6.10	38.96	Surcharged	0.00	0 - 09:45 hrs	0.00	10.18	0.00	1.50	611.98	30.35	3.40	0.00	0.05	2.83	1.51	0 - 09:59 hrs
100	☐	SWCB-O2-031	7.10	42.50	w Maximum	0.00	0 - 10:03 hrs	0.00	30.06	0.00	3.39	1,248.62	13.02	3.60	0.00	0.00	0.00	0.00	0 - 00:00 hrs
101	☐	SWCB-O3-001	6.80	46.20	Surcharged	0.00	0 - 09:51 hrs	0.00	23.12	0.00	2.12	0.00	3.99	4.05	0.00	0.00	0.00	12.13	0 - 09:51 hrs
102	☐	SWCB-O3-032	7.00	45.12	Surcharged	0.00	0 - 09:48 hrs	0.00	23.09	0.00	2.13	99.58	4.86	4.25	0.00	0.00	0.01	5.56	0 - 09:48 hrs
103	☐	SWCB-O3-035	6.70	45.64	Surcharged	0.00	0 - 09:51 hrs	0.00	23.10	0.00	2.12	-40.78	4.18	3.95	0.00	0.00	0.00	9.96	0 - 09:51 hrs
104	☐	SWCB-O3-040	6.75	46.12	Surcharged	0.00	0 - 09:51 hrs	0.00	32.64	0.00	2.19	253.11	4.04	4.00	0.00	0.08	0.49	10.67	0 - 09:59 hrs
105	☐	SWCB-O4-026	6.10	54.71	Surcharged	0.00	0 - 09:51 hrs	0.00	12.33	0.00	1.08	39.58	3.79	4.10	0.00	0.00	0.10	6.26	0 - 09:51 hrs
106	☐	SWCB-O4-027	5.90	54.76	Surcharged	0.00	0 - 09:52 hrs	17.76	20.62	0.74	1.14	28.84	3.50	3.90	0.00	0.05	0.42	9.29	0 - 09:59 hrs
107	☐	SWCB-O4-029	6.60	55.91	w Maximum	0.00	0 - 09:52 hrs	0.00	9.90	0.00	0.39	-34.46	3.11	4.60	0.00	0.00	0.00	9.46	0 - 09:52 hrs
108	☐	SWCB-O4-032	4.90	55.92	w Maximum	0.00	0 - 09:52 hrs	0.00	6.17	0.00	0.39	0.00	2.61	3.65	0.00	0.00	0.01	0.73	0 - 09:52 hrs
109	☐	SWCB-O4-033	5.40	55.81	w Maximum	0.00	0 - 09:52 hrs	0.00	6.18	0.00	0.40	96.63	3.93	4.15	0.00	0.00	0.36	0.25	0 - 09:52 hrs
110	☐	SWMH-B4-001	2.91	112.29	low Link Cro	5.33	0 - 10:06 hrs	0.00	110.56	0.00	21.01	227.90	0.00	0.00	0.00	0.00	0.00	0.00	0 - 00:00 hrs
111	☐	SWMH-B4-002	4.11	114.69	low Link Cro	2.19	0 - 10:04 hrs	24.46	111.71	2.41	21.02	2,166.48	0.00	0.00	0.00	0.00	0.00	0.00	0 - 00:00 hrs
112	☐	SWMH-C4-001	3.43	116.20	w Maximum	3.87	0 - 10:04 hrs	0.00	24.10	0.00	7.22	101.10	3.64	0.88	3.87	0.00	0.00	0.00	0 - 00:00 hrs
113	☐	SWMH-C4-002	4.45	119.47	w Maximum	2.15	0 - 09:45 hrs	0.00	24.10	0.00	7.22	859.26	5.56	2.10	2.15	0.00	0.00	0.00	0 - 00:00 hrs
114	☐	SWMH-C4-003	4.93	121.71	w Maximum	0.00	0 - 09:57 hrs	0.00	24.86	0.00	7.24	326.41	6.40	2.68	0.00	0.02	0.73	1.23	0 - 10:06 hrs
115	☐	SWMH-C4-004	4.86	122.30	w Maximum	0.22	0 - 10:30 hrs	0.00	24.83	0.00	7.24	-146.01	5.62	2.60	0.22	0.00	0.00	0.00	0 - 00:00 hrs
116	☐	SWMH-C4-005	1.69	101.84	low Link Cro	6.46	0 - 09:59 hrs	0.00	44.79	0.00	1.94	52.44	0.00	0.00	0.00	0.00	0.00	0.00	0 - 00:00 hrs
117	☐	SWMH-C4-006	8.14	111.59	Surcharged	0.00	0 - 09:57 hrs	0.00	44.80	0.00	1.94	86.72	0.29	5.55	0.00	0.00	0.00	3.65	0 - 09:57 hrs
118	☐	SWMH-C4-007	7.65	112.74	w Maximum	0.00	0 - 09:57 hrs	44.84	44.84	1.94	1.94	0.00	0.39	5.15	0.00	0.00	0.00	1.43	0 - 09:57 hrs
119	☐	SWMH-C4-017	3.55	110.90	low Link Cro	3.15	0 - 10:06 hrs	0.00	110.56	0.00	21.01	714.58	0.00	0.00	0.00	0.00	0.00	0.00	0 - 00:00 hrs
120	☐	SWMH-D4-001	4.17	78.00	w Maximum	2.43	0 - 09:59 hrs	6.63	57.95	0.23	4.02	512.54	1.30	1.42	2.43	0.00	0.00	0.00	0 - 00:00 hrs
121	☐	SWMH-D4-002	5.26	80.80	w Maximum	0.00	0 - 09:52 hrs	0.00	52.13	0.00	3.79	116.40	0.96	2.38	0.00	0.00	0.00	2.67	0 - 09:52 hrs
122	☐	SWMH-D4-003	5.65	83.93	w Maximum	0.00	0 - 09:52 hrs	0.00	73.63	0.00	3.93	95.12	0.88	3.10	0.00	0.14	0.34	22.32	0 - 09:59 hrs
123	☐	SWMH-D4-004	6.65	93.98	Surcharged	0.00	0 - 09:56 hrs	48.44	92.41	2.04	3.97	-41.56	0.51	4.10	0.00	0.04	0.17	18.75	0 - 09:59 hrs
124	☐	SWMH-D4-005	2.13	78.05	low Link Cro	2.32	0 - 10:00 hrs	0.00	26.70	0.00	1.07	-10.10	0.00	0.00	0.00	0.00	0.00	0.00	0 - 00:00 hrs
125	☐	SWMH-D4-006	1.56	79.22	low Link Cro	2.89	0 - 10:00 hrs	0.00	26.86	0.00	1.07	104.66	0.00	0.00	0.00	0.00	0.00	0.00	0 - 00:00 hrs
126	☐	SWMH-D4-007	1.45	81.76	low Link Cro	4.20	0 - 10:00 hrs	0.00	27.43	0.00	1.07	28.39	0.00	0.00	0.00	0.00	0.00	0.00	0 - 00:00 hrs
127	☐	SWMH-D4-021	1.25	76.39	low Link Cro	4.40	0 - 10:00 hrs	0.00	26.71	0.00	1.07	18.48	0.00	0.00	0.00	0.00	0.00	0.00	0 - 00:00 hrs
128	☐	SWMH-E3-001	4.95	86.92	w Maximum	3.05	0 - 13:06 hrs	0.00	27.16	0.00	1.35	429.94	28.35	2.70	3.05	0.00	0.00	0.00	0 - 00:00 hrs
129	☐	SWMH-E3-002	5.01	87.09	w Maximum	2.69	0 - 10:04 hrs	0.00	27.18	0.00	1.35	568.11	28.32	2.61	2.69	0.00	0.00	0.00	0 - 00:00 hrs
130	☐	SWMH-E3-003	7.95	91.06	w Maximum	0.00	0 - 09:56 hrs	32.78	32.78	1.37	1.37	0.00	28.33	5.95	0.00	0.01	0.16	5.88	0 - 09:59 hrs
131	☐	SWMH-E3-016	8.35	89.47	w Maximum	0.00	0 - 09:42 hrs	54.41	54.41	2.67	2.67	0.00	31.57	6.35	0.00	0.37	0.93	39.73	0 - 09:59 hrs
132	☐	SWMH-E3-017	8.18	88.31	w Maximum	0.00	0 - 09:41 hrs	0.00	14.61	0.00	2.30	619.74	32.15	6.00	0.00	0.02	1.01	0.72	0 - 10:07 hrs
133	☐	SWMH-E3-018	8.40	86.49	Surcharged	0.00	0 - 09:40 hrs	0.00	12.47	0.00	2.21	781.74	35.11	6.40	0.00	0.30	5.64	6.07	0 - 10:48 hrs
134	☐	SWMH-E3-019	8.88	86.66	w Maximum	0.37	0 - 13:48 hrs	0.00	12.48	0.00	1.91	446.63	35.62	6.88	0.37	0.00	0.00	0.00	0 - 00:00 hrs
135	☐	SWMH-E3-020	9.60	86.61	Surcharged	0.00	0 - 11:48 hrs	0.00	12.47	0.00	1.89	4,177.09	36.09	7.10	0.00	0.00	0.00	0.01	0 - 11:48 hrs
136	☐	SWMH-E3-021	4.60	87.73	w Maximum	0.00	0 - 09:52 hrs	37.52	37.52	1.68	1.68	0.00	28.31	2.35	0.00	0.06	0.30	14.51	0 - 09:59 hrs
137	☐	SWMH-E3-023	4.10	87.12	Surcharged	0.00	0 - 09:52 hrs	0.00	22.97	0.00	1.62	368.48	28.27	1.60	0.00	0.04	0.44	5.40	0 - 10:11 hrs
138	☐	SWMH-E3-026	5.18	86.60	w Maximum	0.70	0 - 11:45 hrs	0.00	20.95	0.00	1.56	1,010.10	28.59	2.68	0.70	0.00	0.00	0.00	0 - 00:00 hrs
139	☐	SWMH-E3-027	4.58	86.72	w Maximum	1.72	0 - 11:45 hrs	0.00	20.97	0.00	1.57	1,651.41	28.27	2.07	1.72	0.00	0.00	0.00	0 - 00:00 hrs
140	☐	SWMH-E3-028	4.60	87.38	Surcharged	0.00	0 - 09:51 hrs	0.00	20.97	0.00	1.58	1,390.29	28.27	2.10	0.00	0.00	0.00	2.96	0 - 09:51 hrs
141	☐	SWMH-E3-029	4.51	87.41	w Maximum	0.39	0 - 09:52 hrs	0.00	20.97	0.00	1.58	262.88	28.27	2.01	0.39	0.00	0.00	0.00	0 - 00:00 hrs
142	☐	SWMH-E3-031	4.94	87.86	w Maximum	0.91	0 - 09:52 hrs	0.00	17.04	0.00	0.72	540.85	28.22	2.94	0.91	0.00	0.00	0.00	0 - 00:00 hrs
143	☐	SWMH-E3-032	4.85	87.33	Surcharged	0.00	0 - 09:52 hrs	0.00	17.05	0.00	0.71	631.92	28.23	2.85	0.00	0.00	0.00	0.59	0 - 09:52 hrs
144	☐	SWMH-E3-033	4.51	86.61	w Maximum	1.59	0 - 11:48 hrs	0.00	17.06	0.00	0.71	516.59	28.16	2.25	1.59	0.00	0.00	0.00	0 - 00:00 hrs
145	☐	SWMH-E3-034	3.95	86.59	w Maximum	1.25	0 - 12:41 hrs	2.47	2.47	0.08	0.08	0.00	27.91	1.95	1.25	0.00	0.00	0.00	0 - 00:00 hrs
146	☐	SWMH-E3-037	4.60	87.70	w Maximum	0.00	0 - 09:52 hrs	19.11	19.11	0.72	0.72	0.00	28.22	2.60	0.00	0.00	0.13	2.19	0 - 09:59 hrs
147	☐	SWMH-E3-038	10.67	86.63	w Maximum	1.37	0 - 13:15 hrs	0.00	12.47	0.00	1.86	3,306.90	38.45	8.16	1.37	0.00	0.00	0.00	0 - 00:00 hrs

FUTURE CONDITIONS 20-YR 24-HR JUNCTIONS

		ID	Maximum Depth (ft)	Maximum HGL (ft)	Maximum HGL Head Class	Freeboard (ft)	Max.Depth Day-Time (day-time)	Maximum Lateral Inflow (cfs)	Maximum Total Inflow (cfs)	Lateral Inflow Volume (MG)	Total Inflow Volume (MG)	Flow Volume Difference (MG)	Total Surcharge Time (hrs)	Max.Surchar ge Height Above Crown	Min.Surchar ge Depth Below Rim (ft)	Total Flood Volume (MG)	Total Flood Time (hrs)	Maximum Flood Rate (cfs)	Max.Flood Day-Time (day-time)
148	☐	SWMH-E4-001	1.44	91.80	Flow Link Cro	9.08	0 - 09:59 hrs	17.94	27.98	0.65	1.07	44.28	0.00	0.00	0.00	0.00	0.00	0.00	0 - 00:00 hrs
149	☐	SWMH-E4-002	0.76	93.41	Flow Link Cro	6.79	0 - 10:00 hrs	0.00	10.74	0.00	0.41	7.45	0.00	0.00	0.00	0.00	0.00	0.00	0 - 00:00 hrs
150	☐	SWMH-E4-003	1.41	94.28	Flow Link Cro	6.87	0 - 10:00 hrs	0.00	11.29	0.00	0.41	-138.70	0.00	0.00	0.00	0.00	0.00	0.00	0 - 00:00 hrs
151	☐	SWMH-E4-005	1.25	97.55	Flow Link Cro	5.75	0 - 09:59 hrs	11.88	11.88	0.41	0.41	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0 - 00:00 hrs
152	☐	SWMH-E4-006	7.78	99.25	Surcharged	0.00	0 - 09:53 hrs	28.41	57.84	1.09	5.48	174.95	2.59	4.50	0.00	0.00	0.00	0.74	0 - 09:53 hrs
153	☐	SWMH-E4-007	8.61	100.79	w Maximum C	1.59	0 - 09:53 hrs	0.00	42.81	0.00	4.38	-11.86	2.56	5.49	1.59	0.00	0.00	0.00	0 - 00:00 hrs
154	☐	SWMH-E4-008	7.10	100.25	w Maximum C	0.00	0 - 09:55 hrs	21.87	74.91	0.79	4.71	77.00	2.40	3.60	0.00	0.00	0.01	20.60	0 - 09:55 hrs
155	☐	SWMH-E4-009	8.29	103.00	w Maximum C	0.00	0 - 09:57 hrs	53.29	60.54	2.99	3.93	441.43	1.65	3.29	0.00	0.01	0.05	54.00	0 - 09:57 hrs
156	☐	SWMH-E4-010	11.10	95.52	w Maximum C	0.00	0 - 09:56 hrs	63.89	67.61	3.18	3.18	0.00	0.84	7.40	0.00	0.01	0.01	62.66	0 - 09:56 hrs
157	☐	SWMH-E5-001	9.50	107.06	w Maximum C	0.00	0 - 09:56 hrs	107.71	215.71	8.97	18.99	2,010.90	1.61	4.50	0.00	0.12	0.26	59.43	0 - 09:56 hrs
158	☐	SWMH-E5-002	5.10	101.42	w Maximum C	0.00	0 - 09:53 hrs	0.00	0.39	0.00	0.00	0.00	1.60	3.55	0.00	0.00	0.00	0.01	0 - 09:53 hrs
159	☐	SWMH-F3-001	10.25	83.20	Surcharged	0.00	0 - 09:53 hrs	32.95	176.16	1.30	16.70	-315.01	2.60	5.62	0.00	0.00	0.00	28.05	0 - 09:53 hrs
160	☐	SWMH-F3-002	3.41	76.75	Flow Link Cro	3.99	0 - 10:06 hrs	0.00	101.05	0.00	9.13	622.28	0.00	0.00	0.00	0.00	0.00	0.00	0 - 00:00 hrs
161	☐	SWMH-F3-003	6.10	82.31	w Maximum C	0.00	0 - 09:56 hrs	0.00	101.31	0.00	9.14	580.62	0.90	2.60	0.00	0.00	0.00	6.20	0 - 09:56 hrs
162	☐	SWMH-F3-005	6.40	86.46	w Maximum C	0.00	0 - 09:55 hrs	25.29	121.92	0.96	9.26	563.84	1.04	2.90	0.00	0.12	0.37	20.93	0 - 09:59 hrs
163	☐	SWMH-F3-006	8.85	89.83	Surcharged	0.00	0 - 09:56 hrs	87.27	120.80	4.73	8.39	407.61	1.53	5.35	0.00	0.10	0.27	24.10	0 - 10:03 hrs
164	☐	SWMH-F3-007	8.20	87.80	w Maximum C	0.00	0 - 09:41 hrs	0.00	13.89	0.00	2.27	377.73	32.84	6.10	0.00	0.05	1.13	1.98	0 - 10:27 hrs
165	☐	SWMH-F3-008	8.54	87.66	w Maximum C	0.26	0 - 10:07 hrs	0.00	12.48	0.00	2.22	745.01	33.61	6.52	0.26	0.00	0.00	0.00	0 - 00:00 hrs
166	☐	SWMH-F3-009	9.24	86.67	w Maximum C	0.16	0 - 11:45 hrs	0.00	12.48	0.00	1.90	1,433.03	35.30	6.74	0.16	0.00	0.00	0.00	0 - 00:00 hrs
167	☐	SWMH-F3-010	10.62	93.00	w Maximum C	0.00	0 - 09:56 hrs	0.00	74.54	0.00	3.94	334.84	1.22	7.12	0.00	0.00	0.00	3.14	0 - 09:56 hrs
168	☐	SWMH-F3-011	11.50	94.42	w Maximum C	0.00	0 - 09:56 hrs	0.00	42.13	0.00	2.20	218.04	1.11	8.00	0.00	0.00	0.00	14.63	0 - 09:56 hrs
169	☐	SWMH-F3-012	11.10	93.96	w Maximum C	0.00	0 - 09:56 hrs	0.00	33.15	0.00	1.74	102.65	1.10	7.60	0.00	0.00	0.00	10.36	0 - 09:56 hrs
170	☐	SWMH-F4-001	9.40	84.43	Surcharged	0.00	0 - 09:53 hrs	0.00	175.81	0.00	15.40	253.18	2.29	4.90	0.00	0.00	0.01	34.59	0 - 09:53 hrs
171	☐	SWMH-F4-002	8.90	86.48	w Maximum C	0.00	0 - 09:53 hrs	0.00	143.63	0.00	13.16	-88.73	2.34	4.30	0.00	0.00	0.00	11.55	0 - 09:53 hrs
172	☐	SWMH-F4-005	14.22	96.03	Surcharged	-4.39	0 - 09:53 hrs	0.00	189.44	0.00	35.57	-422.68	2.99	9.22	0.00	0.00	0.00	0.00	0 - 00:00 hrs
173	☐	SWMH-F4-006	9.85	93.34	w Maximum C	0.00	0 - 09:53 hrs	57.59	202.66	2.59	35.74	1,540.27	4.64	4.85	0.00	0.15	0.35	31.54	0 - 09:59 hrs
174	☐	SWMH-F4-007	9.73	94.36	w Maximum C	0.00	0 - 09:53 hrs	0.00	181.12	0.00	33.34	680.44	4.78	4.73	0.00	0.19	0.52	25.80	0 - 09:57 hrs
175	☐	SWMH-F4-008	9.52	96.30	Surcharged	0.00	0 - 09:53 hrs	0.00	156.11	0.00	28.46	877.44	4.41	4.52	0.00	0.01	0.16	2.73	0 - 10:02 hrs
176	☐	SWMH-F4-009	9.49	97.00	w Maximum C	0.00	0 - 09:53 hrs	25.69	151.20	0.97	27.10	664.71	4.40	4.49	0.00	0.01	0.15	53.52	0 - 09:53 hrs
177	☐	SWMH-F4-010	6.90	95.57	w Maximum C	0.00	0 - 09:53 hrs	0.00	52.90	0.00	5.29	117.48	2.79	3.90	0.00	0.00	0.01	22.67	0 - 09:53 hrs
178	☐	SWMH-F4-011	6.80	96.34	Surcharged	0.00	0 - 09:53 hrs	0.00	52.09	0.00	5.46	217.13	2.76	3.80	0.00	0.16	0.84	10.52	0 - 10:03 hrs
179	☐	SWMH-F4-012	6.30	96.83	Surcharged	0.00	0 - 09:53 hrs	0.00	22.09	0.00	1.39	149.41	2.99	4.30	0.00	0.03	0.56	10.08	0 - 09:53 hrs
180	☐	SWMH-F4-014	10.54	86.97	w Maximum C	0.16	0 - 09:56 hrs	34.49	401.61	1.27	30.70	1,684.18	4.16	5.69	0.16	0.00	0.00	0.00	0 - 00:00 hrs
181	☐	SWMH-F4-017	10.25	90.64	w Maximum C	0.00	0 - 09:52 hrs	0.00	39.91	0.00	4.99	211.91	2.82	7.25	0.00	0.00	0.00	9.02	0 - 09:52 hrs
182	☐	SWMH-F4-018	9.59	90.93	Surcharged	0.00	0 - 09:52 hrs	0.00	46.38	0.00	5.00	734.69	2.53	6.59	0.00	0.00	0.00	13.71	0 - 09:52 hrs
183	☐	SWMH-F4-019	8.15	91.83	Surcharged	0.00	0 - 09:52 hrs	0.00	25.85	0.00	2.53	31.41	3.16	6.00	0.00	0.08	0.88	4.87	0 - 09:57 hrs
184	☐	SWMH-F4-020	8.52	92.45	w Maximum C	0.00	0 - 09:48 hrs	61.56	61.56	2.99	2.99	0.00	3.38	6.52	0.00	0.46	0.98	44.97	0 - 09:59 hrs
185	☐	SWMH-F4-021	8.38	93.31	Surcharged	0.00	0 - 09:55 hrs	18.43	44.78	0.70	2.89	451.38	1.65	4.88	0.00	0.00	0.07	29.07	0 - 09:55 hrs
186	☐	SWMH-F4-027	9.20	85.37	Surcharged	0.00	0 - 09:53 hrs	53.21	175.53	2.25	15.41	582.24	2.35	4.65	0.00	0.00	0.03	5.53	0 - 09:55 hrs
187	☐	SWMH-F4-030	11.30	95.16	Surcharged	0.00	0 - 09:56 hrs	10.45	48.44	0.37	1.34	62.14	0.93	7.70	0.00	0.00	0.00	31.53	0 - 09:56 hrs
188	☐	SWMH-F4-031	10.86	94.25	Surcharged	0.00	0 - 09:56 hrs	0.00	33.14	0.00	1.74	-514.32	0.99	7.22	0.00	0.00	0.00	23.67	0 - 09:56 hrs
189	☐	SWMH-F4-032	8.93	93.20	w Maximum C	0.00	0 - 09:56 hrs	11.28	12.80	0.43	0.43	0.00	1.31	7.18	0.00	0.03	0.17	12.72	0 - 09:57 hrs
190	☐	SWMH-F4-034	9.60	95.44	Surcharged	0.00	0 - 09:53 hrs	0.00	148.95	0.00	28.45	539.59	4.38	4.60	0.00	0.00	0.00	16.24	0 - 09:53 hrs
191	☐	SWMH-F4-035	10.35	90.08	Surcharged	0.00	0 - 09:53 hrs	17.68	231.36	0.70	39.16	2,041.42	2.33	4.60	0.00	0.00	0.00	33.81	0 - 09:53 hrs
192	☐	SWMH-F4-036	9.24	86.52	w Maximum C	0.71	0 - 09:56 hrs	0.00	93.77	0.00	24.45	543.61	3.85	4.74	0.71	0.00	0.00	0.00	0 - 00:00 hrs
193	☐	SWMH-F5-001	9.27	98.07	w Maximum C	0.00	0 - 09:55 hrs	0.00	153.90	0.00	26.15	-145.40	3.15	4.27	0.00	0.01	0.00	76.92	0 - 09:55 hrs
194	☐	SWMH-F5-002	9.38	99.93	Surcharged	0.00	0 - 09:55 hrs	0.00	156.68	0.00	26.15	1,545.32	2.84	4.38	0.00	0.00	0.00	52.83	0 - 09:55 hrs
195	☐	SWMH-F5-003	8.10	101.41	Surcharged	0.00	0 - 09:56 hrs	33.67	41.53	1.17	6.10	650.67	2.49	5.10	0.00	0.00	0.00	31.42	0 - 09:56 hrs
196	☐	SWMH-F5-004	8.26	103.86	Surcharged	0.00	0 - 09:56 hrs	0.00	24.07	0.00	4.93	154.83	1.60	5.76	0.00	0.00	0.00	21.05	0 - 09:56 hrs

FUTURE CONDITIONS 20-YR 24-HR JUNCTIONS

		ID	Maximum Depth (ft)	Maximum HGL (ft)	Maximum HGL Head Class	Freeboard (ft)	Max.Depth Day-Time (day-time)	Maximum Lateral Inflow (cfs)	Maximum Total Inflow (cfs)	Lateral Inflow Volume (MG)	Total Inflow Volume (MG)	Flow Volume Difference (MG)	Total Surcharge Time (hrs)	Max.Surchar ge Height Above Crown	Min.Surchar ge Depth Below Rim (ft)	Total Flood Volume (MG)	Total Flood Time (hrs)	Maximum Flood Rate (cfs)	Max.Flood Day-Time (day-time)
197	☐	SWMH-F5-005	2.18	103.82	Flow Link Crow	5.26	0 - 10:04 hrs	0.00	26.01	0.00	2.64	752.75	0.00	0.00	0.00	0.00	0.00	0.00	0 - 00:00 hrs
198	☐	SWMH-F5-006	5.90	98.55	Surcharged	0.00	0 - 09:52 hrs	0.00	22.09	0.00	1.42	174.78	2.30	3.90	0.00	0.03	0.53	2.77	0 - 09:52 hrs
199	☐	SWMH-F5-007	4.95	101.00	w Maximum C	0.00	0 - 09:53 hrs	38.05	38.05	1.55	1.55	105.62	1.47	2.95	0.00	0.12	0.44	21.92	0 - 09:59 hrs
200	☐	SWMH-F5-008	8.60	103.33	w Maximum C	0.00	0 - 09:56 hrs	0.00	192.12	0.00	20.79	635.93	2.52	3.60	0.00	0.05	0.21	19.50	0 - 09:57 hrs
201	☐	SWMH-F5-009	9.40	104.94	Surcharged	0.00	0 - 09:55 hrs	0.00	187.38	0.00	18.86	-247.28	2.16	4.00	0.00	0.01	0.24	24.04	0 - 09:55 hrs
202	☐	SWMH-F5-010	7.05	103.27	Surcharged	0.00	0 - 09:56 hrs	0.00	24.57	0.00	2.08	-65.58	4.10	4.95	0.00	0.14	0.53	19.24	0 - 10:07 hrs
203	☐	SWMH-F5-011	6.43	103.56	w Maximum C	0.00	0 - 09:56 hrs	0.00	24.54	0.00	2.11	175.78	3.37	4.43	0.00	0.06	0.63	4.04	0 - 10:03 hrs
204	☐	SWMH-F5-012	5.30	104.95	w Maximum C	0.00	0 - 09:49 hrs	0.00	24.78	0.00	2.11	-58.89	2.35	3.30	0.00	0.00	0.04	1.33	0 - 09:49 hrs
205	☐	SWMH-F5-013	5.06	105.70	w Maximum C	0.00	0 - 09:49 hrs	29.40	47.44	1.13	2.43	354.37	2.09	2.90	0.00	0.32	0.74	32.85	0 - 09:59 hrs
206	☐	SWMH-F5-014	6.95	108.18	Surcharged	0.00	0 - 09:52 hrs	34.58	34.58	1.38	1.38	0.00	2.08	4.95	0.00	0.08	0.36	16.50	0 - 09:59 hrs
207	☐	SWMH-F5-016	2.53	105.77	w Maximum C	3.75	0 - 09:57 hrs	0.00	25.97	0.00	2.64	98.27	1.03	0.53	3.75	0.00	0.00	0.00	0 - 00:00 hrs
208	☐	SWMH-F5-023	6.15	112.04	Surcharged	0.00	0 - 09:51 hrs	27.32	27.32	1.04	1.04	0.00	1.15	4.00	0.00	0.04	0.29	10.85	0 - 09:59 hrs
209	☐	SWMH-F5-025	6.15	110.92	Surcharged	0.00	0 - 09:51 hrs	16.05	32.48	0.56	1.57	87.72	1.35	4.15	0.00	0.13	0.46	20.26	0 - 09:59 hrs
210	☐	SWMH-F5-026	6.37	110.35	w Maximum C	0.15	0 - 09:59 hrs	0.00	17.90	0.00	1.44	-313.82	1.33	4.37	0.15	0.00	0.00	0.00	0 - 00:00 hrs
211	☐	SWMH-F5-027	6.98	108.69	w Maximum C	0.18	0 - 09:59 hrs	27.09	39.27	1.03	2.47	141.18	1.18	4.48	0.18	0.00	0.00	0.00	0 - 00:00 hrs
212	☐	SWMH-F5-028	5.59	106.73	w Maximum C	1.56	0 - 10:19 hrs	0.00	39.27	0.00	2.47	17.02	1.09	3.09	1.56	0.00	0.00	0.00	0 - 00:00 hrs
213	☐	SWMH-F5-029	5.35	106.40	w Maximum C	0.55	0 - 10:19 hrs	0.00	39.29	0.00	2.47	257.86	0.85	2.75	0.55	0.00	0.00	0.00	0 - 00:00 hrs
214	☐	SWMH-F5-030	8.32	105.36	Surcharged	0.00	0 - 10:19 hrs	0.00	62.73	0.00	6.45	1,192.38	17.77	4.00	0.00	0.00	0.01	7.80	0 - 12:11 hrs
215	☐	SWMH-F5-031	7.10	106.99	w Maximum C	0.00	0 - 09:52 hrs	0.00	39.29	0.00	2.46	-20.79	6.57	4.50	0.00	0.00	0.00	5.84	0 - 09:52 hrs
216	☐	SWMH-F5-032	8.25	102.91	w Maximum C	0.00	0 - 09:56 hrs	0.00	28.87	0.00	4.93	11.45	2.06	5.52	0.00	0.00	0.00	24.03	0 - 09:56 hrs
217	☐	SWMH-F5-033	1.55	101.53	Flow Link Crow	4.05	0 - 09:57 hrs	0.00	5.58	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0 - 00:00 hrs
218	☐	SWMH-F5-041	7.90	101.14	Surcharged	0.00	0 - 09:56 hrs	10.45	185.76	0.34	21.40	791.01	1.80	1.90	0.00	0.00	0.08	4.09	0 - 09:59 hrs
219	☐	SWMH-F5-042	7.60	99.28	w Maximum C	0.00	0 - 09:55 hrs	0.00	140.66	0.00	20.18	632.72	3.21	3.50	0.00	0.00	0.01	59.66	0 - 09:55 hrs
220	☐	SWMH-F6-001	12.10	120.91	Surcharged	0.00	0 - 09:52 hrs	5.04	111.10	0.17	15.68	663.23	1.69	8.10	0.00	0.00	0.00	17.84	0 - 09:52 hrs
221	☐	SWMH-F6-002	11.76	121.36	w Maximum C	1.06	0 - 09:52 hrs	0.00	107.90	0.00	15.52	632.33	2.12	7.76	1.06	0.00	0.00	0.00	0 - 00:00 hrs
222	☐	SWMH-F6-003	10.95	121.32	w Maximum C	0.00	0 - 09:52 hrs	0.00	107.90	0.00	15.52	714.31	2.47	6.95	0.00	0.00	0.00	12.59	0 - 09:52 hrs
223	☐	SWMH-F6-004	10.98	122.73	Surcharged	0.00	0 - 09:52 hrs	0.00	107.91	0.00	15.53	758.78	2.51	6.98	0.00	0.00	0.00	11.89	0 - 09:52 hrs
224	☐	SWMH-F6-005	9.91	122.73	Surcharged	0.00	0 - 09:52 hrs	196.62	196.62	16.32	16.31	0.00	2.59	5.91	0.00	0.78	0.66	94.88	0 - 10:03 hrs
225	☐	SWMH-F6-006	15.10	111.78	w Maximum C	0.00	0 - 09:57 hrs	1.43	60.00	0.04	2.89	254.73	0.43	11.60	0.00	0.00	0.00	2.01	0 - 09:57 hrs
226	☐	SWMH-F6-007	11.15	117.76	Surcharged	0.00	0 - 09:56 hrs	22.77	23.53	0.91	1.33	37.09	0.62	8.80	0.00	0.00	0.00	0.08	0 - 09:56 hrs
227	☐	SWMH-F6-008	9.10	116.86	Surcharged	0.00	0 - 09:56 hrs	0.00	9.47	0.00	0.43	-21.45	0.54	7.00	0.00	0.00	0.04	3.00	0 - 09:59 hrs
228	☐	SWMH-F6-009	11.50	116.79	w Maximum C	0.00	0 - 09:56 hrs	12.90	33.53	0.44	1.77	429.53	0.71	9.50	0.00	0.00	0.01	2.76	0 - 09:57 hrs
229	☐	SWMH-F6-010	11.97	115.15	Surcharged	0.00	0 - 09:57 hrs	0.00	33.52	0.00	1.76	-233.68	0.64	9.97	0.00	0.00	0.00	0.32	0 - 09:57 hrs
230	☐	SWMH-F6-011	13.20	112.92	w Maximum C	0.00	0 - 09:57 hrs	0.00	33.54	0.00	1.76	70.67	0.55	11.10	0.00	0.00	0.00	0.34	0 - 09:57 hrs
231	☐	SWMH-F6-012	15.15	111.84	w Maximum C	0.00	0 - 09:57 hrs	29.56	58.49	1.07	2.84	24.64	0.50	11.90	0.00	0.00	0.00	0.95	0 - 09:57 hrs
232	☐	SWMH-F6-020	6.10	114.04	Surcharged	0.00	0 - 09:47 hrs	14.65	37.62	0.51	1.87	47.89	2.41	4.00	0.00	0.35	0.89	37.57	0 - 09:59 hrs
233	☐	SWMH-F6-022	8.65	116.76	Surcharged	0.00	0 - 09:55 hrs	14.07	19.42	0.48	0.48	0.00	0.52	6.65	0.00	0.06	0.21	19.42	0 - 09:59 hrs
234	☐	SWMH-F6-025	7.97	114.79	w Maximum C	2.23	0 - 09:56 hrs	15.62	15.90	0.55	2.07	217.03	2.51	5.77	2.23	0.00	0.00	0.00	0 - 00:00 hrs
235	☐	SWMH-F6-026	6.40	115.51	Surcharged	0.00	0 - 09:48 hrs	35.20	35.20	1.45	1.45	0.00	2.10	4.40	0.00	0.09	0.41	17.76	0 - 09:59 hrs
236	☐	SWMH-F6-029	8.23	113.78	w Maximum C	1.22	0 - 09:57 hrs	0.00	15.90	0.00	2.05	208.70	2.69	6.13	1.22	0.00	0.00	0.00	0 - 00:00 hrs
237	☐	SWMH-F6-030	8.26	114.41	w Maximum C	1.92	0 - 09:56 hrs	0.00	15.91	0.00	2.05	129.99	2.70	6.04	1.92	0.00	0.00	0.00	0 - 00:00 hrs
238	☐	SWMH-F6-031	8.10	113.01	Surcharged	0.00	0 - 09:57 hrs	16.55	26.61	0.59	2.64	188.63	2.56	6.00	0.00	0.00	0.02	0.62	0 - 09:59 hrs
239	☐	SWMH-F6-032	5.41	109.21	w Maximum C	1.89	0 - 09:59 hrs	0.00	25.97	0.00	2.64	44.86	2.41	3.29	1.89	0.00	0.00	0.00	0 - 00:00 hrs
240	☐	SWMH-F6-037	6.40	107.78	w Maximum C	0.00	0 - 09:53 hrs	0.00	12.97	0.00	0.61	-50.96	0.86	4.10	0.00	0.00	0.01	12.22	0 - 09:53 hrs
241	☐	SWMH-F6-038	4.78	107.81	w Maximum C	0.00	0 - 09:53 hrs	18.45	18.45	0.67	0.67	0.00	0.81	3.28	0.00	0.05	0.29	12.50	0 - 09:59 hrs
242	☐	SWMH-F7-001	4.00	110.29	Flow Link Crow	13.25	0 - 09:59 hrs	0.00	112.97	0.00	15.94	318.23	0.00	0.00	0.00	0.00	0.00	0.00	0 - 00:00 hrs
243	☐	SWMH-F7-002	4.13	111.37	w Maximum C	12.67	0 - 09:59 hrs	7.80	113.01	0.26	15.94	431.23	0.02	0.13	12.67	0.00	0.00	0.00	0 - 00:00 hrs
244	☐	SWMH-F7-003	11.60	103.92	w Maximum C	10.55	0 - 09:57 hrs	39.55	114.92	1.71	5.20	360.93	0.34	7.85	10.55	0.00	0.00	0.00	0 - 00:00 hrs
245	☐	SWMH-F7-004	15.71	110.05	w Maximum C	1.44	0 - 09:57 hrs	0.00	75.88	0.00	3.49	-83.55	0.39	11.96	1.44	0.00	0.00	0.00	0 - 00:00 hrs

FUTURE CONDITIONS 20-YR 24-HR JUNCTIONS

		ID	Maximum Depth (ft)	Maximum HGL (ft)	Maximum HGL Head Class	Freeboard (ft)	Max.Depth Day-Time (day-time)	Maximum Lateral Inflow (cfs)	Maximum Total Inflow (cfs)	Lateral Inflow Volume (MG)	Total Inflow Volume (MG)	Flow Volume Difference (MG)	Total Surcharge Time (hrs)	Max.Surchar ge Height Above Crown	Min.Surchar ge Depth Below Rim (ft)	Total Flood Volume (MG)	Total Flood Time (hrs)	Maximum Flood Rate (cfs)	Max.Flood Day-Time (day-time)
246	☐	SWMH-F7-005	16.39	111.78	w Maximum C	0.66	0 - 09:57 hrs	0.00	75.63	0.00	3.49	298.58	0.40	12.89	0.66	0.00	0.00	0.00	0 - 00:00 hrs
247	☐	SWMH-F7-006	16.33	112.19	w Maximum C	2.57	0 - 09:57 hrs	17.18	75.55	0.61	3.49	200.63	0.39	12.82	2.57	0.00	0.00	0.00	0 - 00:00 hrs
248	☐	SWMH-F7-019	7.44	95.76	w Maximum C	5.26	0 - 09:57 hrs	0.00	120.26	0.00	5.40	557.93	0.71	3.89	5.26	0.00	0.00	0.00	0 - 00:00 hrs
249	☐	SWMH-F7-020	5.30	93.54	w Maximum C	3.85	0 - 09:57 hrs	0.00	120.20	0.00	5.42	631.25	0.53	1.60	3.85	0.00	0.00	0.00	0 - 00:00 hrs
250	☐	SWMH-F7-021	9.59	99.77	w Maximum C	9.81	0 - 09:57 hrs	5.37	120.25	0.18	5.38	-79.98	0.38	6.02	9.81	0.00	0.00	0.00	0 - 00:00 hrs
251	☐	SWMH-F7-023	3.10	108.19	low Link Crov	14.38	0 - 09:59 hrs	0.00	111.85	0.00	15.94	440.10	0.00	0.00	0.00	0.00	0.00	0.00	0 - 00:00 hrs
252	☐	SWMH-F7-024	3.66	105.38	low Link Crov	14.59	0 - 10:00 hrs	0.00	111.74	0.00	15.93	613.18	0.00	0.00	0.00	0.00	0.00	0.00	0 - 00:00 hrs
253	☐	SWMH-F7-025	2.57	101.35	low Link Crov	7.05	0 - 10:00 hrs	0.00	111.52	0.00	15.93	620.96	0.00	0.00	0.00	0.00	0.00	0.00	0 - 00:00 hrs
254	☐	SWMH-F7-026	9.82	103.43	w Maximum C	0.98	0 - 00:01 hrs	0.00	111.50	0.00	16.00	2,570.65	0.01	5.82	0.98	0.00	0.00	0.00	0 - 00:00 hrs
255	☐	SWMH-F7-027	10.76	103.93	Surcharged	0.00	0 - 00:00 hrs	0.00	31.87	0.00	0.34	640.98	47.98	8.76	0.00	0.00	0.00	15.98	0 - 00:00 hrs
256	☐	SWMH-F7-028	9.03	102.96	w Maximum C	0.00	0 - 00:02 hrs	0.00	13.74	0.00	0.34	1,179.63	47.93	7.03	0.00	0.00	0.00	7.14	0 - 00:02 hrs
257	☐	SWMH-F7-029	1.96	97.33	low Link Crov	4.26	0 - 10:00 hrs	0.00	8.45	0.00	0.32	765.53	0.00	0.00	0.00	0.00	0.00	0.00	0 - 00:00 hrs
258	☐	SWMH-F8-011	1.23	97.91	low Link Crov	12.13	0 - 09:59 hrs	8.80	8.80	0.31	0.31	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0 - 00:00 hrs
259	☐	SWMH-G3-001	12.99	72.37	w Maximum C	1.89	0 - 10:00 hrs	0.00	447.14	0.00	63.00	17,495.67	0.71	6.49	1.89	0.00	0.00	0.00	0 - 00:00 hrs
260	☐	SWMH-G3-002	13.81	76.01	w Maximum C	2.97	0 - 10:00 hrs	0.00	451.96	0.00	63.02	3,680.01	0.63	7.31	2.97	0.00	0.00	0.00	0 - 00:00 hrs
261	☐	SWMH-G3-003	13.85	76.78	w Maximum C	4.05	0 - 10:00 hrs	0.00	451.50	0.00	63.05	4,537.44	1.46	7.35	4.05	0.00	0.00	0.00	0 - 00:00 hrs
262	☐	SWMH-G3-004	11.17	77.08	Surcharged	0.00	0 - 09:55 hrs	0.00	165.27	0.00	16.70	0.00	5.19	6.67	0.00	0.00	0.03	5.21	0 - 09:56 hrs
263	☐	SWMH-G3-005	12.38	78.24	w Maximum C	1.24	0 - 09:55 hrs	0.00	165.18	0.00	16.70	424.22	5.39	7.88	1.24	0.00	0.00	0.00	0 - 00:00 hrs
264	☐	SWMH-G3-007	11.20	65.01	Surcharged	0.00	0 - 09:56 hrs	0.00	61.29	0.00	2.47	-495.17	1.06	6.00	0.00	0.00	0.01	47.91	0 - 09:56 hrs
265	☐	SWMH-G3-008	11.10	68.19	w Maximum C	0.00	0 - 10:00 hrs	54.73	55.91	2.46	2.47	997.93	0.34	6.05	0.00	0.00	0.00	24.80	0 - 10:00 hrs
266	☐	SWMH-G3-009	0.10	65.23	low Link Crov	10.65	0 - 10:00 hrs	0.00	7.83	0.00	0.00	18.39	0.00	0.00	0.00	0.00	0.00	0.00	0 - 00:00 hrs
267	☐	SWMH-G3-010	0.00	65.40	low Link Inve	10.54	0 - 00:00 hrs	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0 - 00:00 hrs
268	☐	SWMH-G3-011	10.04	77.60	w Maximum C	0.00	0 - 09:56 hrs	0.00	167.96	0.00	35.95	125.93	2.01	5.54	0.00	0.00	0.00	40.02	0 - 09:56 hrs
269	☐	SWMH-G3-012	13.12	81.56	w Maximum C	1.13	0 - 09:56 hrs	0.00	167.91	0.00	35.96	1,613.35	7.15	8.28	1.13	0.00	0.00	0.00	0 - 00:00 hrs
270	☐	SWMH-G3-013	12.40	81.53	Surcharged	0.00	0 - 09:56 hrs	0.00	167.88	0.00	35.97	1,542.74	7.10	7.90	0.00	0.00	0.00	0.86	0 - 09:56 hrs
271	☐	SWMH-G3-014	12.50	76.18	Surcharged	0.00	0 - 09:55 hrs	7.87	73.78	0.25	7.66	198.10	2.54	9.50	0.00	0.00	0.00	1.77	0 - 09:55 hrs
272	☐	SWMH-G3-015	11.95	76.94	Surcharged	0.00	0 - 09:55 hrs	22.17	70.41	0.88	7.55	725.85	2.53	8.95	0.00	0.13	0.35	22.23	0 - 09:59 hrs
273	☐	SWMH-G3-016	13.20	68.87	w Maximum C	0.00	0 - 09:55 hrs	22.89	42.61	0.98	2.97	18.40	0.73	8.85	0.00	0.00	0.05	8.13	0 - 09:55 hrs
274	☐	SWMH-G3-017	11.30	70.39	w Maximum C	0.00	0 - 09:55 hrs	0.00	26.79	0.00	1.98	199.77	0.63	8.80	0.00	0.00	0.00	9.37	0 - 09:55 hrs
275	☐	SWMH-G3-018	11.30	72.93	w Maximum C	0.00	0 - 09:52 hrs	0.00	26.81	0.00	1.99	87.36	1.20	9.26	0.00	0.00	0.00	2.82	0 - 09:52 hrs
276	☐	SWMH-G3-019	11.26	73.70	w Maximum C	0.00	0 - 09:55 hrs	0.00	26.83	0.00	1.99	50.22	1.27	9.26	0.00	0.00	0.00	0.20	0 - 09:56 hrs
277	☐	SWMH-G3-020	11.38	75.83	Surcharged	0.00	0 - 09:52 hrs	0.00	26.84	0.00	1.99	98.03	1.21	9.18	0.00	0.00	0.00	0.36	0 - 09:52 hrs
278	☐	SWMH-G3-021	11.10	77.05	Surcharged	0.00	0 - 09:52 hrs	48.59	48.59	2.15	2.15	0.00	1.27	9.10	0.00	0.16	0.37	30.35	0 - 09:59 hrs
279	☐	SWMH-G3-023	7.20	76.71	w Maximum C	0.00	0 - 09:53 hrs	26.26	26.26	1.02	1.02	0.00	1.18	5.20	0.00	0.03	0.23	9.05	0 - 09:59 hrs
280	☐	SWMH-G3-027	1.68	72.45	low Link Crov	8.37	0 - 09:59 hrs	18.19	117.42	0.64	9.77	128.57	0.00	0.00	0.00	0.00	0.00	0.00	0 - 00:00 hrs
281	☐	SWMH-G3-028	10.80	75.81	w Maximum C	0.00	0 - 09:55 hrs	18.92	334.59	0.68	53.32	3,709.82	1.94	4.00	0.00	0.00	0.01	39.52	0 - 09:55 hrs
282	☐	SWMH-G4-002	12.00	83.70	w Maximum C	0.00	0 - 09:45 hrs	47.49	167.87	2.03	35.99	1,712.70	6.54	7.50	0.00	0.00	0.06	10.05	0 - 09:56 hrs
283	☐	SWMH-G4-004	11.44	85.88	w Maximum C	1.36	0 - 09:56 hrs	0.00	138.24	0.00	33.97	821.09	5.53	6.74	1.36	0.00	0.00	0.00	0 - 00:00 hrs
284	☐	SWMH-G4-005	7.78	86.10	w Maximum C	0.00	0 - 09:55 hrs	0.00	45.93	0.00	3.35	-955.00	1.87	2.67	0.00	0.09	0.34	35.99	0 - 09:55 hrs
285	☐	SWMH-G4-009	12.85	81.77	Surcharged	0.00	0 - 09:53 hrs	45.17	72.13	1.93	6.77	735.75	1.81	7.95	0.00	0.08	0.30	31.94	0 - 09:53 hrs
286	☐	SWMH-G4-010	11.95	83.96	w Maximum C	0.91	0 - 09:52 hrs	0.00	49.48	0.00	4.83	101.62	1.95	8.68	0.91	0.00	0.00	0.00	0 - 00:00 hrs
287	☐	SWMH-G4-011	11.30	84.14	Surcharged	0.00	0 - 09:52 hrs	0.00	37.05	0.00	4.07	-12.74	1.84	8.20	0.00	0.00	0.00	9.10	0 - 09:52 hrs
288	☐	SWMH-G4-012	8.99	83.86	w Maximum C	0.85	0 - 09:52 hrs	0.00	36.89	0.00	4.06	-82.62	1.90	6.48	0.85	0.00	0.00	0.00	0 - 00:00 hrs
289	☐	SWMH-G4-013	10.10	86.08	Surcharged	0.00	0 - 09:52 hrs	24.86	24.86	0.84	0.84	0.00	1.77	8.60	0.00	0.07	0.35	15.26	0 - 09:59 hrs
290	☐	SWMH-G4-014	5.90	88.76	Surcharged	0.00	0 - 09:56 hrs	32.00	66.35	1.26	3.46	69.76	1.11	2.40	0.00	0.10	0.28	37.88	0 - 09:56 hrs
291	☐	SWMH-G4-015	6.15	83.29	Surcharged	0.00	0 - 09:52 hrs	46.74	46.74	2.06	4.33	260.90	1.83	3.65	0.00	0.07	0.29	16.98	0 - 09:59 hrs
292	☐	SWMH-G4-016	9.00	82.99	w Maximum C	0.00	0 - 09:53 hrs	0.00	17.39	0.00	0.00	0.00	1.37	6.75	0.00	0.00	0.01	16.31	0 - 09:53 hrs
293	☐	SWMH-G4-018	11.22	82.68	w Maximum C	2.38	0 - 09:59 hrs	0.00	46.85	0.00	4.83	527.14	2.08	8.00	2.38	0.00	0.00	0.00	0 - 00:00 hrs
294	☐	SWMH-G4-019	7.10	93.00	w Maximum C	0.00	0 - 09:55 hrs	0.00	35.36	0.00	2.54	-281.52	1.74	4.00	0.00	0.00	0.00	18.70	0 - 09:55 hrs

FUTURE CONDITIONS 20-YR 24-HR JUNCTIONS

		ID	Maximum Depth (ft)	Maximum HGL (ft)	Maximum HGL Head Class	Freeboard (ft)	Max.Depth Day-Time (day-time)	Maximum Lateral Inflow (cfs)	Maximum Total Inflow (cfs)	Lateral Inflow Volume (MG)	Total Inflow Volume (MG)	Flow Volume Difference (MG)	Total Surcharge Time (hrs)	Max.Surchar ge Height Above Crown	Min.Surchar ge Depth Below Rim (ft)	Total Flood Volume (MG)	Total Flood Time (hrs)	Maximum Flood Rate (cfs)	Max.Flood Day-Time (day-time)
295	☐	SWMH-G4-020	9.34	93.01	w Maximum	0.00	0 - 09:53 hrs	0.00	34.18	0.00	2.54	-447.56	2.13	6.34	0.00	0.00	0.00	22.93	0 - 09:53 hrs
296	☐	SWMH-G5-001	6.95	94.84	Surcharged	0.00	0 - 09:52 hrs	37.75	53.45	1.64	1.68	0.00	1.31	4.25	0.00	0.33	0.50	53.32	0 - 09:59 hrs
297	☐	SWMH-G5-002	5.65	91.57	Surcharged	0.00	0 - 09:57 hrs	0.00	43.85	0.00	2.21	284.10	0.76	2.65	0.00	0.01	0.14	25.31	0 - 09:57 hrs
298	☐	SWMH-G5-003	6.20	93.11	w Maximum	0.00	0 - 09:57 hrs	49.11	49.11	2.26	2.26	0.00	0.71	3.10	0.00	0.04	0.20	13.08	0 - 09:59 hrs
299	☐	SWMH-G5-005	5.10	93.34	Surcharged	0.00	0 - 09:56 hrs	0.00	35.48	0.00	2.55	51.68	1.09	2.00	0.00	0.00	0.00	9.29	0 - 09:56 hrs
300	☐	SWMH-G5-006	5.95	95.83	Surcharged	0.00	0 - 09:49 hrs	68.08	68.08	2.78	2.78	0.00	1.42	3.45	0.00	0.23	0.50	40.71	0 - 09:59 hrs
301	☐	SWMH-G5-009	4.76	92.63	Surcharged	0.00	0 - 09:56 hrs	0.00	36.92	0.00	2.55	646.69	1.16	1.76	0.00	0.00	0.02	10.50	0 - 09:56 hrs
302	☐	SWMH-G6-001	8.46	98.71	w Maximum	5.19	0 - 09:57 hrs	18.69	68.46	0.71	4.51	717.48	1.39	5.32	5.19	0.00	0.00	0.00	0 - 00:00 hrs
303	☐	SWMH-G6-002	10.32	101.04	w Maximum	2.78	0 - 09:57 hrs	0.00	50.96	0.00	3.80	250.43	0.04	1.42	2.78	0.00	0.00	0.00	0 - 00:00 hrs
304	☐	SWMH-G6-003	10.93	102.24	w Maximum	2.57	0 - 09:57 hrs	12.09	35.37	0.40	2.70	241.20	0.43	2.49	2.57	0.00	0.00	0.00	0 - 00:00 hrs
305	☐	SWMH-G6-004	8.10	101.49	Surcharged	0.00	0 - 09:52 hrs	21.13	36.82	0.80	2.42	1.12	1.50	5.50	0.00	0.12	0.37	26.05	0 - 09:59 hrs
306	☐	SWMH-G6-005	6.10	104.45	w Maximum	0.00	0 - 09:52 hrs	0.00	20.72	0.00	1.62	206.47	1.29	4.10	0.00	0.00	0.00	6.84	0 - 09:52 hrs
307	☐	SWMH-G6-006	5.02	104.32	w Maximum	0.00	0 - 09:52 hrs	41.63	41.63	1.79	1.79	0.00	1.18	3.02	0.00	0.17	0.50	25.88	0 - 09:59 hrs
308	☐	SWMH-G6-007	4.53	102.86	w Maximum	0.77	0 - 09:57 hrs	0.00	27.21	0.00	1.11	36.29	0.03	2.53	0.77	0.00	0.00	0.00	0 - 00:00 hrs
309	☐	SWMH-G6-009	13.75	97.23	Surcharged	0.00	0 - 09:56 hrs	56.03	98.99	2.24	6.92	194.33	1.16	10.00	0.00	0.00	0.00	0.42	0 - 09:56 hrs
310	☐	SWMH-G6-010	12.76	97.19	w Maximum	1.44	0 - 09:56 hrs	0.00	58.98	0.00	4.68	111.86	1.06	9.26	1.44	0.00	0.00	0.00	0 - 00:00 hrs
311	☐	SWMH-G6-011	9.34	97.44	w Maximum	6.13	0 - 09:55 hrs	0.00	66.87	0.00	4.68	287.21	0.90	6.34	6.13	0.00	0.00	0.00	0 - 00:00 hrs
312	☐	SWMH-G6-012	8.40	96.94	Surcharged	0.00	0 - 09:55 hrs	0.00	66.82	0.00	4.69	44.63	1.00	5.20	0.00	0.00	0.03	4.31	0 - 09:55 hrs
313	☐	SWMH-G6-013	7.62	97.34	Surcharged	0.00	0 - 09:53 hrs	0.00	67.46	0.00	4.76	261.32	0.95	4.60	0.00	0.08	0.23	20.43	0 - 09:59 hrs
314	☐	SWMH-G6-014	10.05	101.35	w Maximum	0.00	0 - 09:52 hrs	35.73	67.45	1.49	4.77	536.28	1.40	6.95	0.00	0.00	0.06	5.04	0 - 09:52 hrs
315	☐	SWMH-G6-015	8.42	102.18	w Maximum	0.00	0 - 09:52 hrs	45.37	67.41	1.95	3.55	56.69	1.17	5.35	0.00	0.27	0.40	44.06	0 - 09:59 hrs
316	☐	SWMH-G6-016	7.52	104.84	w Maximum	0.00	0 - 09:52 hrs	9.21	30.52	0.30	1.65	204.46	1.08	5.23	0.00	0.05	0.33	11.31	0 - 09:52 hrs
317	☐	SWMH-G6-017	8.25	108.12	Surcharged	0.00	0 - 09:53 hrs	20.43	26.33	0.76	1.37	180.08	0.95	5.95	0.00	0.00	0.00	10.53	0 - 09:53 hrs
318	☐	SWMH-G6-022	7.78	95.29	Surcharged	0.00	0 - 09:52 hrs	33.85	33.85	1.42	2.78	-24.02	1.39	5.28	0.00	0.00	0.00	6.26	0 - 09:52 hrs
319	☐	SWMH-G6-023	10.27	101.95	w Maximum	2.98	0 - 09:57 hrs	0.00	32.60	0.00	2.69	0.00	1.70	7.77	2.98	0.00	0.00	0.00	0 - 00:00 hrs
320	☐	SWMH-G6-024	3.69	102.30	w Maximum	2.46	0 - 09:57 hrs	0.00	1.92	0.00	0.00	0.00	0.35	2.19	2.46	0.00	0.00	0.00	0 - 00:00 hrs
321	☐	SWMH-G7-001	12.65	105.74	w Maximum	7.55	0 - 09:57 hrs	0.00	75.58	0.00	3.49	157.65	0.36	9.15	7.55	0.00	0.00	0.00	0 - 00:00 hrs
322	☐	SWMH-G7-004	4.65	94.08	w Maximum	11.83	0 - 09:59 hrs	0.00	68.47	0.00	4.51	75.79	0.80	1.36	11.83	0.00	0.00	0.00	0 - 00:00 hrs
323	☐	SWMH-G7-005	4.72	70.82	w Maximum	3.13	0 - 10:04 hrs	33.46	68.21	1.22	3.03	81.52	0.28	1.11	3.13	0.00	0.00	0.00	0 - 00:00 hrs
324	☐	SWMH-G7-006	3.84	70.92	w Maximum	3.14	0 - 10:00 hrs	0.00	42.12	0.00	1.81	0.00	0.01	0.34	3.14	0.00	0.00	0.00	0 - 00:00 hrs
325	☐	SWMH-G7-007	4.64	71.60	w Maximum	2.66	0 - 09:59 hrs	0.00	42.98	0.00	1.81	127.19	0.17	1.14	2.66	0.00	0.00	0.00	0 - 00:00 hrs
326	☐	SWMH-G7-008	3.44	70.93	low Link Cro	3.86	0 - 10:00 hrs	0.00	47.16	0.00	1.81	87.97	0.00	0.00	0.00	0.00	0.00	0.00	0 - 00:00 hrs
327	☐	SWMH-G7-009	3.58	73.44	w Maximum	4.12	0 - 09:59 hrs	47.69	47.69	1.81	1.81	0.00	0.24	1.08	4.12	0.00	0.00	0.00	0 - 00:00 hrs
328	☐	SWMH-G7-034	8.69	76.22	w Maximum	0.00	0 - 09:53 hrs	0.00	35.71	0.00	2.29	-179.38	0.73	6.19	0.00	0.00	0.00	3.27	0 - 09:53 hrs
329	☐	SWMH-G7-035	4.29	78.81	low Link Cro	7.19	0 - 09:59 hrs	4.62	71.82	0.15	4.66	99.75	0.00	0.00	0.00	0.00	0.00	0.00	0 - 00:00 hrs
330	☐	SWMH-G7-036	4.31	76.77	w Maximum	5.69	0 - 09:59 hrs	0.00	72.03	0.00	4.66	124.74	0.49	1.06	5.69	0.00	0.00	0.00	0 - 00:00 hrs
331	☐	SWMH-G7-037	3.96	76.09	w Maximum	6.24	0 - 09:59 hrs	0.00	72.03	0.00	4.66	81.21	0.49	0.76	6.24	0.00	0.00	0.00	0 - 00:00 hrs
332	☐	SWMH-G7-038	1.88	82.93	low Link Cro	7.86	0 - 09:59 hrs	0.00	67.98	0.00	4.51	85.23	0.00	0.00	0.00	0.00	0.00	0.00	0 - 00:00 hrs
333	☐	SWMH-G7-039	2.61	89.98	low Link Cro	9.94	0 - 09:59 hrs	0.00	68.48	0.00	4.51	83.91	0.00	0.00	0.00	0.00	0.00	0.00	0 - 00:00 hrs
334	☐	SWMH-G7-040	2.67	73.73	low Link Cro	6.58	0 - 10:00 hrs	0.00	72.03	0.00	4.66	49.43	0.00	0.00	0.00	0.00	0.00	0.00	0 - 00:00 hrs
335	☐	SWMH-G7-046	7.58	89.87	w Maximum	2.17	0 - 09:59 hrs	0.00	20.19	0.00	1.43	346.40	0.27	5.32	2.17	0.00	0.00	0.00	0 - 00:00 hrs
336	☐	SWMH-G7-047	8.43	84.88	w Maximum	0.00	0 - 09:56 hrs	0.00	21.95	0.00	1.43	-125.00	0.51	5.87	0.00	0.00	0.00	5.91	0 - 09:56 hrs
337	☐	SWMH-G7-048	9.45	81.42	Surcharged	0.00	0 - 09:53 hrs	11.60	30.33	0.43	1.86	-25.54	0.74	6.95	0.00	0.01	0.14	5.75	0 - 09:53 hrs
338	☐	SWMH-G7-049	7.75	90.61	Surcharged	0.00	0 - 09:59 hrs	0.00	20.12	0.00	1.43	52.19	0.67	5.60	0.00	0.00	0.00	0.65	0 - 09:59 hrs
339	☐	SWMH-G7-050	7.13	90.81	Surcharged	0.00	0 - 09:59 hrs	0.00	20.12	0.00	1.43	114.75	0.74	4.92	0.00	0.00	0.00	0.05	0 - 09:59 hrs
340	☐	SWMH-G7-051	6.30	91.10	w Maximum	0.00	0 - 09:51 hrs	0.00	20.12	0.00	1.44	207.59	0.79	4.25	0.00	0.00	0.00	2.63	0 - 09:51 hrs
341	☐	SWMH-G7-052	6.80	92.06	Surcharged	0.00	0 - 09:51 hrs	0.00	20.12	0.00	1.44	-35.36	0.87	4.58	0.00	0.00	0.00	0.26	0 - 09:59 hrs
342	☐	SWMH-G7-053	7.22	93.72	Surcharged	0.00	0 - 09:51 hrs	39.94	39.94	1.52	1.52	0.00	0.89	5.22	0.00	0.08	0.31	21.08	0 - 09:59 hrs
343	☐	SWMH-G7-054	9.20	80.08	Surcharged	0.00	0 - 09:56 hrs	11.91	38.31	0.44	2.30	517.83	0.83	6.95	0.00	0.00	0.11	2.63	0 - 09:59 hrs

FUTURE CONDITIONS 20-YR 24-HR JUNCTIONS

		ID	Maximum Depth (ft)	Maximum HGL (ft)	Maximum HGL Head Class	Freeboard (ft)	Max.Depth Day-Time (day-time)	Maximum Lateral Inflow (cfs)	Maximum Total Inflow (cfs)	Lateral Inflow Volume (MG)	Total Inflow Volume (MG)	Flow Volume Difference (#)	Total Surcharge Time (hrs)	Max.Surchar ge Height Above Crown	Min.Surchar ge Depth Below Rim (ft)	Total Flood Volume (MG)	Total Flood Time (hrs)	Maximum Flood Rate (cfs)	Max.Flood Day-Time (day-time)
344	☐	SWMH-G7-055	2.64	71.10	Flow Link Croy	4.96	0 - 10:00 hrs	0.00	47.68	0.00	1.81	37.26	0.00	0.00	0.00	0.00	0.00	0.00	0 - 00:00 hrs
345	☐	SWMH-G7-056	4.19	70.92	w Maximum	5.31	0 - 09:55 hrs	0.00	35.71	0.00	2.30	46.02	0.70	1.69	5.31	0.00	0.00	0.00	0 - 00:00 hrs
346	☐	SWMH-G8-001	8.52	108.14	w Maximum	0.00	0 - 09:48 hrs	0.00	21.60	0.00	2.32	57.25	2.24	6.30	0.00	0.01	0.35	1.49	0 - 10:00 hrs
347	☐	SWMH-G8-002	8.25	109.63	w Maximum	0.00	0 - 09:48 hrs	18.60	43.83	0.68	2.61	198.81	1.96	6.20	0.00	0.29	0.69	27.97	0 - 09:59 hrs
348	☐	SWMH-G8-003	9.82	112.68	w Maximum	0.00	0 - 09:48 hrs	47.70	47.70	2.04	2.04	0.00	1.80	7.82	0.00	0.11	0.37	22.40	0 - 09:59 hrs
349	☐	SWMH-G8-007	9.20	114.76	Surcharged	0.00	0 - 09:52 hrs	12.63	30.79	0.39	2.11	172.61	1.15	6.70	0.00	0.00	0.06	12.05	0 - 09:52 hrs
350	☐	SWMH-G8-008	7.97	116.55	Surcharged	0.00	0 - 09:51 hrs	13.18	26.06	0.45	1.80	284.92	1.22	5.85	0.00	0.08	0.43	13.44	0 - 09:59 hrs
351	☐	SWMH-G8-009	8.12	117.47	Surcharged	0.00	0 - 09:51 hrs	38.28	38.28	1.52	1.52	0.00	1.29	6.12	0.00	0.17	0.52	25.35	0 - 09:59 hrs
352	☐	SWMH-G8-033	8.25	119.48	Surcharged	0.00	0 - 09:56 hrs	5.10	5.10	0.16	0.16	0.00	0.35	6.75	0.00	0.00	0.01	2.63	0 - 09:56 hrs
353	☐	SWMH-G8-034	8.30	117.53	w Maximum	0.00	0 - 09:55 hrs	7.54	12.63	0.25	0.42	66.80	0.52	6.55	0.00	0.00	0.04	3.00	0 - 09:55 hrs
354	☐	SWMH-G8-035	1.64	108.86	Flow Link Croy	6.66	0 - 10:03 hrs	0.00	11.21	0.00	0.42	227.86	0.00	0.00	0.00	0.00	0.00	0.00	0 - 00:00 hrs
355	☐	SWMH-G8-036	8.40	108.86	w Maximum	0.00	0 - 10:00 hrs	0.00	10.18	0.00	0.41	-89.17	0.18	6.60	0.00	0.00	0.00	0.67	0 - 10:00 hrs
356	☐	SWMH-G8-062	7.95	109.58	w Maximum	0.00	0 - 09:52 hrs	4.19	27.57	0.13	2.24	20.12	1.23	5.70	0.00	0.02	0.29	6.06	0 - 09:52 hrs
357	☐	SWMH-H2-001	12.60	47.04	w Maximum	1.48	0 - 09:57 hrs	0.00	293.44	0.00	30.96	0.00	1.85	6.60	1.48	0.00	0.00	0.00	0 - 00:00 hrs
358	☐	SWMH-H2-002	10.88	47.34	w Maximum	6.66	0 - 10:03 hrs	45.27	465.23	1.82	65.01	6,353.26	0.23	3.88	6.66	0.00	0.00	0.00	0 - 00:00 hrs
359	☐	SWMH-H2-003	2.53	44.21	Flow Link Croy	16.29	0 - 10:03 hrs	0.00	425.68	0.00	62.90	716.63	0.00	0.00	0.00	0.00	0.00	0.00	0 - 00:00 hrs
360	☐	SWMH-H2-004	13.80	48.08	Surcharged	0.00	0 - 09:57 hrs	0.00	293.34	0.00	30.98	3,331.74	1.69	6.87	0.00	0.00	0.00	25.80	0 - 09:57 hrs
361	☐	SWMH-H3-001	8.00	61.79	w Maximum	4.62	0 - 10:03 hrs	0.00	438.92	0.00	62.86	-5,981.95	0.36	1.50	4.62	0.00	0.00	0.00	0 - 00:00 hrs
362	☐	SWMH-H3-002	11.50	62.36	Surcharged	0.00	0 - 09:55 hrs	42.77	208.87	1.85	17.45	1,743.86	1.66	5.75	0.00	0.05	0.13	23.69	0 - 10:00 hrs
363	☐	SWMH-H3-003	9.79	67.20	w Maximum	2.51	0 - 09:56 hrs	12.65	137.33	0.44	13.13	701.24	1.27	6.19	2.51	0.00	0.00	0.00	0 - 00:00 hrs
364	☐	SWMH-H3-004	13.30	73.96	Surcharged	0.00	0 - 09:55 hrs	0.00	117.69	0.00	11.62	1,105.39	1.37	7.25	0.00	0.00	0.00	24.94	0 - 09:55 hrs
365	☐	SWMH-H3-005	12.90	74.59	w Maximum	0.00	0 - 09:56 hrs	0.00	53.15	0.00	3.96	49.67	1.18	4.35	0.00	0.00	0.00	16.62	0 - 09:56 hrs
366	☐	SWMH-H3-007	16.44	52.70	w Maximum	0.56	0 - 09:57 hrs	0.00	285.49	0.00	24.40	1,728.28	1.20	9.94	0.56	0.00	0.00	0.00	0 - 00:00 hrs
367	☐	SWMH-H3-008	17.03	53.52	Surcharged	0.00	0 - 09:57 hrs	0.00	285.38	0.00	24.33	2,968.47	1.12	10.53	0.00	0.00	0.00	47.89	0 - 09:57 hrs
368	☐	SWMH-H3-009	6.08	49.15	w Maximum	5.42	0 - 10:32 hrs	0.00	99.53	0.00	5.63	-553.87	19.04	2.33	5.42	0.00	0.00	0.00	0 - 00:00 hrs
369	☐	SWMH-H3-010	6.77	50.03	w Maximum	3.93	0 - 09:52 hrs	0.00	99.49	0.00	5.63	-549.08	19.23	3.22	3.93	0.00	0.00	0.00	0 - 00:00 hrs
370	☐	SWMH-H3-011	9.67	53.25	w Maximum	1.13	0 - 09:52 hrs	0.00	99.48	0.00	5.63	-600.66	9.15	5.87	1.13	0.00	0.00	0.00	0 - 00:00 hrs
371	☐	SWMH-H3-012	11.50	55.95	Surcharged	0.00	0 - 09:52 hrs	0.00	99.47	0.00	5.61	-1,699.22	4.83	8.00	0.00	0.00	0.00	1.63	0 - 09:52 hrs
372	☐	SWMH-H3-013	13.52	59.10	w Maximum	0.00	0 - 09:52 hrs	0.00	99.46	0.00	5.60	-1,511.41	2.07	10.02	0.00	0.00	0.00	7.32	0 - 09:52 hrs
373	☐	SWMH-H3-014	13.72	59.74	w Maximum	0.70	0 - 09:52 hrs	0.00	99.45	0.00	5.60	-399.65	1.74	10.22	0.70	0.00	0.00	0.00	0 - 00:00 hrs
374	☐	SWMH-H3-015	14.79	61.51	w Maximum	1.99	0 - 09:57 hrs	40.24	99.46	1.66	5.60	144.56	1.54	11.29	1.99	0.00	0.00	0.00	0 - 00:00 hrs
375	☐	SWMH-H3-016	14.70	64.43	Surcharged	0.00	0 - 09:53 hrs	0.00	60.37	0.00	3.94	-18.81	1.17	12.20	0.00	0.00	0.00	11.59	0 - 09:53 hrs
376	☐	SWMH-H3-017	14.25	65.02	Surcharged	0.00	0 - 09:56 hrs	23.54	60.39	0.97	3.94	302.60	0.95	11.75	0.00	0.00	0.01	0.98	0 - 09:59 hrs
377	☐	SWMH-H3-018	11.10	74.34	Surcharged	0.00	0 - 09:49 hrs	0.00	35.76	0.00	3.03	249.91	2.45	8.60	0.00	0.05	0.37	8.27	0 - 10:03 hrs
378	☐	SWMH-H3-020	9.05	75.16	w Maximum	0.00	0 - 09:52 hrs	50.90	65.02	2.37	3.36	89.86	1.88	6.55	0.00	0.34	0.56	42.42	0 - 09:59 hrs
379	☐	SWMH-H3-025	7.64	70.32	w Maximum	0.00	0 - 09:57 hrs	26.76	26.76	1.07	1.07	0.00	0.57	5.39	0.00	0.00	0.00	5.85	0 - 09:57 hrs
380	☐	SWMH-H3-026	0.96	59.07	Flow Link Croy	8.14	0 - 10:03 hrs	0.00	17.79	0.00	3.22	68.14	0.00	0.00	0.00	0.00	0.00	0.00	0 - 00:00 hrs
381	☐	SWMH-H3-028	3.53	63.80	w Maximum	1.89	0 - 09:33 hrs	0.00	11.91	0.00	2.61	293.77	4.91	1.78	1.89	0.00	0.00	0.00	0 - 00:00 hrs
382	☐	SWMH-H3-029	4.00	65.70	w Maximum	1.10	0 - 10:33 hrs	0.00	11.91	0.00	2.61	84.78	4.70	2.03	1.10	0.00	0.00	0.00	0 - 00:00 hrs
383	☐	SWMH-H3-030	5.52	66.94	Surcharged	0.00	0 - 09:47 hrs	17.62	17.62	0.70	0.70	0.00	2.64	4.19	0.00	0.08	0.59	11.73	0 - 09:59 hrs
384	☐	SWMH-H3-031?	4.57	65.90	w Maximum	0.03	0 - 09:47 hrs	0.00	5.89	0.00	0.62	14.32	1.94	3.24	0.03	0.00	0.00	0.00	0 - 00:00 hrs
385	☐	SWMH-H3-032	3.66	64.50	w Maximum	0.44	0 - 09:47 hrs	0.00	5.89	0.00	0.62	76.35	1.53	2.33	0.44	0.00	0.00	0.00	0 - 00:00 hrs
386	☐	SWMH-H3-033	4.80	67.67	w Maximum	0.00	0 - 09:37 hrs	65.21	65.21	3.38	3.38	0.00	5.42	3.05	0.00	0.76	1.85	53.23	0 - 09:59 hrs
387	☐	SWMH-H4-001	5.00	77.95	Surcharged	0.00	0 - 09:51 hrs	0.00	25.54	0.00	0.76	16.43	2.12	2.75	0.00	0.28	0.72	25.53	0 - 09:59 hrs
388	☐	SWMH-H4-002	5.16	78.99	Surcharged	0.00	0 - 09:51 hrs	0.00	15.95	0.00	0.65	-50.60	1.60	1.55	0.00	0.00	0.00	13.72	0 - 09:51 hrs
389	☐	SWMH-H4-003	1.76	79.71	Flow Link Croy	1.80	0 - 09:59 hrs	16.79	16.79	0.65	0.65	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0 - 00:00 hrs
390	☐	SWMH-H4-004	5.04	78.12	Surcharged	0.00	0 - 09:51 hrs	36.73	42.86	1.67	1.70	0.00	2.31	3.04	0.00	0.35	0.71	42.80	0 - 09:59 hrs
391	☐	SWMH-H4-005	2.90	70.25	w Maximum	1.25	0 - 10:03 hrs	0.00	57.71	0.00	3.08	134.13	0.07	0.89	1.25	0.00	0.00	0.00	0 - 00:00 hrs
392	☐	SWMH-H4-006	5.05	76.38	w Maximum	0.49	0 - 10:00 hrs	9.65	24.00	0.37	1.34	126.75	0.27	3.05	0.49	0.00	0.00	0.00	0 - 00:00 hrs

FUTURE CONDITIONS 20-YR 24-HR JUNCTIONS

		ID	Maximum Depth (ft)	Maximum HGL (ft)	Maximum HGL Head Class	Freeboard (ft)	Max.Depth Day-Time (day-time)	Maximum Lateral Inflow (cfs)	Maximum Total Inflow (cfs)	Lateral Inflow Volume (MG)	Total Inflow Volume (MG)	Flow Volume Difference (MG)	Total Surcharge Time (hrs)	Max.Surchar ge Height Above Crown	Min.Surchar ge Depth Below Rim (ft)	Total Flood Volume (MG)	Total Flood Time (hrs)	Maximum Flood Rate (cfs)	Max.Flood Day-Time (day-time)
393	☐	SWMH-H4-007	4.71	76.20	Maximum	0.93	0 - 10:00 hrs	0.00	14.45	0.00	0.97	1.49	0.20	2.71	0.93	0.00	0.00	0.00	0 - 00:00 hrs
394	☐	SWMH-H4-010	8.90	79.62	Surcharged	0.00	0 - 09:53 hrs	0.00	15.26	0.00	1.00	47.03	1.38	6.65	0.00	0.00	0.00	11.09	0 - 09:53 hrs
395	☐	SWMH-H4-012	5.25	78.18	Maximum	0.00	0 - 09:51 hrs	47.38	47.38	2.25	4.07	585.26	2.09	3.00	0.00	0.02	0.21	14.14	0 - 09:51 hrs
396	☐	SWMH-H4-013	5.40	76.79	Maximum	0.00	0 - 09:56 hrs	0.00	28.11	0.00	1.40	0.00	0.53	3.40	0.00	0.00	0.17	3.78	0 - 09:56 hrs
397	☐	SWMH-H4-014	5.73	77.10	Maximum	0.00	0 - 09:56 hrs	33.87	33.87	1.41	1.41	26.33	0.66	3.73	0.00	0.01	0.17	5.77	0 - 09:59 hrs
398	☐	SWMH-H4-015	2.49	70.46	Maximum	1.36	0 - 10:03 hrs	0.00	9.18	0.00	0.34	14.43	0.12	0.73	1.36	0.00	0.00	0.00	0 - 00:00 hrs
399	☐	SWMH-H4-016	2.73	70.28	Maximum	0.95	0 - 10:03 hrs	0.00	8.88	0.00	0.34	12.84	0.17	0.98	0.95	0.00	0.00	0.00	0 - 00:00 hrs
400	☐	SWMH-H4-017	6.00	79.43	Maximum	0.00	0 - 09:55 hrs	26.43	26.43	1.05	1.05	0.00	1.15	4.00	0.00	0.05	0.29	12.27	0 - 09:59 hrs
401	☐	SWMH-H4-018	8.30	80.25	Maximum	0.00	0 - 09:53 hrs	0.00	15.86	0.00	1.00	274.14	1.25	6.00	0.00	0.00	0.00	9.67	0 - 09:53 hrs
402	☐	SWMH-H5-002	5.10	78.52	Surcharged	0.00	0 - 09:45 hrs	0.00	37.16	0.00	5.30	235.36	3.39	2.60	0.00	0.19	1.00	8.63	0 - 09:56 hrs
403	☐	SWMH-H5-003	5.55	80.20	Maximum	0.00	0 - 09:45 hrs	57.75	85.64	2.69	5.86	229.07	2.97	3.05	0.00	0.55	0.93	49.57	0 - 09:59 hrs
404	☐	SWMH-H5-004	5.90	82.34	Maximum	0.00	0 - 09:48 hrs	20.61	39.20	0.77	3.22	74.10	2.63	3.22	0.00	0.06	0.42	11.29	0 - 09:59 hrs
405	☐	SWMH-H5-005	6.30	87.07	Surcharged	0.00	0 - 09:51 hrs	20.78	27.47	0.83	2.34	280.53	2.79	4.20	0.00	0.06	0.47	11.49	0 - 09:59 hrs
406	☐	SWMH-H5-007	12.30	84.37	Surcharged	0.00	0 - 09:52 hrs	0.00	32.86	0.00	2.95	272.53	2.12	9.68	0.00	0.00	0.00	7.51	0 - 09:52 hrs
407	☐	SWMH-H5-008	8.48	82.36	Maximum	0.00	0 - 09:52 hrs	35.91	49.94	1.48	3.15	117.39	1.74	4.20	0.00	0.20	0.48	35.25	0 - 09:59 hrs
408	☐	SWMH-H5-009	5.55	84.52	Maximum	0.00	0 - 09:52 hrs	0.00	27.08	0.00	1.69	314.05	1.85	3.55	0.00	0.02	0.51	7.97	0 - 09:52 hrs
409	☐	SWMH-H5-010	6.22	86.49	Maximum	0.08	0 - 09:52 hrs	0.00	27.04	0.00	1.97	42.10	1.76	3.57	0.08	0.00	0.00	0.00	0 - 00:00 hrs
410	☐	SWMH-H5-012	9.96	91.10	Surcharged	-5.00	0 - 09:45 hrs	58.80	58.80	3.08	3.08	0.00	5.98	8.21	0.00	0.61	1.40	46.39	0 - 09:59 hrs
411	☐	SWMH-H6-001	7.81	83.59	Maximum	4.54	0 - 09:56 hrs	30.09	136.33	1.27	8.85	1,054.98	1.09	4.18	4.54	0.00	0.00	0.00	0 - 00:00 hrs
412	☐	SWMH-H6-002	10.90	89.56	Surcharged	0.00	0 - 09:56 hrs	0.00	109.20	0.00	7.53	297.18	0.98	7.33	0.00	0.00	0.00	25.86	0 - 09:56 hrs
413	☐	SWMH-H6-003	11.44	92.65	Maximum	0.00	0 - 09:55 hrs	0.00	111.28	0.00	7.53	330.88	0.83	7.75	0.00	0.00	0.00	7.52	0 - 09:55 hrs
414	☐	SWMH-H6-004	13.24	95.29	Maximum	0.06	0 - 09:56 hrs	16.36	111.28	0.61	7.53	577.16	1.08	9.44	0.06	0.00	0.00	0.00	0 - 00:00 hrs
415	☐	SWMH-H6-006	3.77	86.00	Maximum	6.93	0 - 09:59 hrs	0.00	53.00	0.00	4.15	26.95	0.77	1.26	6.93	0.00	0.00	0.00	0 - 00:00 hrs
416	☐	SWMH-H6-009	9.31	90.43	Maximum	0.00	0 - 09:56 hrs	13.31	13.31	0.46	0.46	0.00	0.36	7.56	0.00	0.00	0.04	3.71	0 - 09:56 hrs
417	☐	SWMH-H6-010	9.48	88.79	Surcharged	0.00	0 - 09:56 hrs	0.00	11.86	0.00	0.46	225.25	0.43	7.50	0.00	0.00	0.00	2.65	0 - 09:56 hrs
418	☐	SWMH-H7-001	8.23	67.94	Surcharged	0.00	0 - 09:59 hrs	26.96	87.88	0.95	4.39	656.53	0.54	4.23	0.00	0.00	0.00	3.97	0 - 09:59 hrs
419	☐	SWMH-H7-002	8.80	68.28	Surcharged	0.00	0 - 10:00 hrs	0.00	81.72	0.00	3.43	-40.53	0.42	3.48	0.00	0.00	0.00	21.30	0 - 10:00 hrs
420	☐	SWMH-H7-003	7.05	69.28	Maximum	1.75	0 - 10:03 hrs	12.42	79.91	0.42	3.45	165.13	0.25	3.05	1.75	0.00	0.00	0.00	0 - 00:00 hrs
421	☐	SWMH-H7-004	5.29	68.08	Maximum	2.35	0 - 10:04 hrs	0.00	69.01	0.00	3.02	76.76	0.12	1.29	2.35	0.00	0.00	0.00	0 - 00:00 hrs
422	☐	SWMH-H7-005	5.04	68.42	Maximum	2.66	0 - 10:03 hrs	0.00	68.05	0.00	3.02	68.30	0.03	1.04	2.66	0.00	0.00	0.00	0 - 00:00 hrs
423	☐	SWMH-H7-006	3.95	67.72	Flow Link Cro	3.85	0 - 10:06 hrs	0.00	67.97	0.00	3.03	132.41	0.00	0.00	0.00	0.00	0.00	0.00	0 - 00:00 hrs
424	☐	SWMH-H7-007	4.42	68.48	Maximum	3.48	0 - 10:04 hrs	0.00	68.19	0.00	3.03	96.34	0.14	0.92	3.48	0.00	0.00	0.00	0 - 00:00 hrs
425	☐	SWMH-H7-008	5.06	70.09	Maximum	2.94	0 - 10:04 hrs	0.00	68.70	0.00	3.03	-20.59	0.00	1.55	2.94	0.00	0.00	0.00	0 - 00:00 hrs
426	☐	SWMH-H7-009	4.94	70.28	Maximum	3.39	0 - 10:04 hrs	0.00	68.38	0.00	3.03	392.90	0.26	1.31	3.39	0.00	0.00	0.00	0 - 00:00 hrs
427	☐	SWMH-H7-011	3.16	68.24	Maximum	5.49	0 - 09:56 hrs	0.00	36.27	0.00	2.31	422.97	0.02	0.51	5.49	0.00	0.00	0.00	0 - 00:00 hrs
428	☐	SWMH-H7-012	2.71	68.28	Flow Link Cro	5.79	0 - 09:57 hrs	0.00	35.73	0.00	2.30	603.49	0.00	0.00	0.00	0.00	0.00	0.00	0 - 00:00 hrs
429	☐	SWMH-H7-013	10.55	72.59	Surcharged	0.00	0 - 09:52 hrs	28.35	28.35	1.13	1.13	0.00	1.39	8.45	0.00	0.05	0.31	11.58	0 - 09:59 hrs
430	☐	SWMH-H7-014	8.40	69.85	Maximum	0.00	0 - 09:51 hrs	0.00	23.95	0.00	1.54	26.06	1.25	6.25	0.00	0.00	0.03	2.42	0 - 09:51 hrs
431	☐	SWMH-H7-015	8.20	67.39	Maximum	0.01	0 - 10:02 hrs	0.00	23.95	0.00	1.55	503.55	2.07	6.20	0.01	0.00	0.00	0.00	0 - 00:00 hrs
432	☐	SWMH-H7-016	0.61	59.47	Flow Link Cro	5.59	0 - 09:59 hrs	1.69	1.69	0.05	0.05	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0 - 00:00 hrs
433	☐	SWMH-H7-017	1.58	60.31	Flow Link Cro	6.12	0 - 09:59 hrs	17.29	17.29	0.64	0.64	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0 - 00:00 hrs
434	☐	SWMH-H7-020	6.31	64.62	Maximum	1.69	0 - 10:02 hrs	0.00	109.81	0.00	6.05	1,207.37	0.59	2.30	1.69	0.00	0.00	0.00	0 - 00:00 hrs
435	☐	SWMH-H7-021	10.20	72.29	Maximum	0.00	0 - 09:52 hrs	14.35	31.09	0.50	1.58	173.65	1.35	8.20	0.00	0.04	0.33	8.28	0 - 09:59 hrs
436	☐	SWMH-H7-069	5.87	61.83	Maximum	3.83	0 - 00:00 hrs	0.00	41.93	0.00	1.20	1,068.07	0.01	2.81	3.83	0.00	0.00	0.00	0 - 00:00 hrs
437	☐	SWMH-H7-070	7.23	66.21	Maximum	1.02	0 - 10:02 hrs	0.00	87.81	0.00	4.42	667.52	0.60	3.23	1.02	0.00	0.00	0.00	0 - 00:00 hrs
438	☐	SWMH-H7-071	7.49	65.99	Maximum	0.97	0 - 09:59 hrs	0.00	87.89	0.00	4.46	1,617.89	0.67	3.49	0.97	0.00	0.00	0.00	0 - 00:00 hrs
439	☐	SWMH-H7-072	5.81	63.67	Maximum	1.89	0 - 10:02 hrs	0.00	109.89	0.00	6.07	1,704.03	0.47	1.81	1.89	0.00	0.00	0.00	0 - 00:00 hrs
440	☐	SWMH-H7-073	5.91	65.67	Maximum	4.24	0 - 09:59 hrs	0.00	23.79	0.00	0.93	80.05	0.34	3.65	4.24	0.00	0.00	0.00	0 - 00:00 hrs
441	☐	SWMH-H7-074	3.99	62.62	Maximum	3.31	0 - 09:56 hrs	0.00	23.79	0.00	0.93	51.18	0.24	1.89	3.31	0.00	0.00	0.00	0 - 00:00 hrs

FUTURE CONDITIONS 20-YR 24-HR JUNCTIONS

		ID	Maximum Depth (ft)	Maximum HGL (ft)	Maximum HGL Head Class	Freeboard (ft)	Max.Depth Day-Time (day-time)	Maximum Lateral Inflow (cfs)	Maximum Total Inflow (cfs)	Lateral Inflow Volume (MG)	Total Inflow Volume (MG)	Flow Volume Difference (MG)	Total Surcharge Time (hrs)	Max.Surchar ge Height Above Crown	Min.Surchar ge Depth Below Rim (ft)	Total Flood Volume (MG)	Total Flood Time (hrs)	Maximum Flood Rate (cfs)	Max.Flood Day-Time (day-time)
442	☐	SWMH-H7-075	2.52	59.50	Flow Link Crow	4.98	0 - 09:59 hrs	0.00	30.30	0.00	1.20	1,188.73	0.00	0.00	0.00	0.00	0.00	0.00	0 - 00:00 hrs
443	☐	SWMH-H7-076	3.07	60.63	w Maximum	2.50	0 - 09:56 hrs	0.00	23.81	0.00	0.94	199.70	0.34	1.06	2.50	0.00	0.00	0.00	0 - 00:00 hrs
444	☐	SWMH-H7-077	2.20	60.49	w Maximum	3.25	0 - 09:59 hrs	6.49	6.49	0.23	0.23	0.00	0.32	0.95	3.25	0.00	0.00	0.00	0 - 00:00 hrs
445	☐	SWMH-H7-083	6.28	66.87	w Maximum	3.62	0 - 09:59 hrs	0.00	23.80	0.00	0.93	-0.27	0.30	3.97	3.62	0.00	0.00	0.00	0 - 00:00 hrs
446	☐	SWMH-H7-084	7.68	68.64	w Maximum	2.77	0 - 09:59 hrs	23.80	23.80	0.93	0.93	0.00	0.52	5.68	2.77	0.00	0.00	0.00	0 - 00:00 hrs
447	☐	SWMH-H8-001	9.87	73.61	w Maximum	8.39	0 - 09:56 hrs	28.41	116.19	1.11	6.69	91.67	0.41	7.37	8.39	0.00	0.00	0.00	0 - 00:00 hrs
448	☐	SWMH-H8-002	6.13	85.73	w Maximum	6.29	0 - 10:00 hrs	0.00	58.52	0.00	4.32	101.49	0.20	3.36	6.29	0.00	0.00	0.00	0 - 00:00 hrs
449	☐	SWMH-H8-003	6.83	86.75	w Maximum	4.97	0 - 10:00 hrs	0.00	58.49	0.00	4.32	30.33	0.74	3.98	4.97	0.00	0.00	0.00	0 - 00:00 hrs
450	☐	SWMH-H8-004	9.10	90.49	w Maximum	3.32	0 - 10:00 hrs	5.96	58.50	0.18	4.32	150.03	0.92	5.88	3.32	0.00	0.00	0.00	0 - 00:00 hrs
451	☐	SWMH-H8-005	11.00	98.61	w Maximum	1.40	0 - 09:57 hrs	6.51	43.46	0.20	3.83	3.43	1.35	8.71	1.40	0.00	0.00	0.00	0 - 00:00 hrs
452	☐	SWMH-H8-006	10.70	102.01	Surcharged	0.00	0 - 09:52 hrs	8.20	37.74	0.26	3.63	87.73	1.07	8.45	0.00	0.00	0.00	3.94	0 - 09:52 hrs
453	☐	SWMH-H8-007	10.25	103.82	w Maximum	0.00	0 - 09:52 hrs	10.83	33.87	0.36	3.37	168.78	1.39	8.00	0.00	0.00	0.01	0.78	0 - 09:57 hrs
454	☐	SWMH-H8-008	10.45	105.00	w Maximum	0.00	0 - 09:48 hrs	0.00	28.93	0.00	3.01	56.91	1.70	8.20	0.00	0.00	0.00	2.64	0 - 09:48 hrs
455	☐	SWMH-H8-009	10.30	107.04	w Maximum	0.00	0 - 09:49 hrs	20.21	28.94	0.77	3.01	201.77	2.11	8.15	0.00	0.00	0.00	0.53	0 - 09:52 hrs
456	☐	SWMH-H8-010	9.00	107.56	w Maximum	0.00	0 - 09:48 hrs	0.00	21.59	0.00	2.31	39.10	1.75	6.10	0.00	0.00	0.00	2.69	0 - 09:48 hrs
457	☐	SWMH-H8-011	10.00	96.91	w Maximum	0.00	0 - 09:53 hrs	47.14	67.91	1.93	5.64	182.31	1.02	7.40	0.00	0.00	0.01	8.94	0 - 09:53 hrs
458	☐	SWMH-H8-013	9.82	99.87	w Maximum	0.48	0 - 09:53 hrs	5.16	36.79	0.17	3.31	262.41	2.00	7.57	0.48	0.00	0.00	0.00	0 - 00:00 hrs
459	☐	SWMH-H8-014	8.25	99.93	Surcharged	0.00	0 - 09:48 hrs	0.00	41.65	0.00	3.35	66.34	1.84	6.10	0.00	0.21	0.53	25.48	0 - 09:59 hrs
460	☐	SWMH-H8-015	9.65	105.73	Surcharged	0.00	0 - 09:51 hrs	30.43	53.38	1.18	3.39	41.52	1.40	7.38	0.00	0.04	0.27	11.69	0 - 09:59 hrs
461	☐	SWMH-H8-023	5.15	80.59	w Maximum	4.90	0 - 10:00 hrs	28.33	93.75	1.05	5.59	54.05	0.14	2.40	4.90	0.00	0.00	0.00	0 - 00:00 hrs
462	☐	SWMH-H8-024	0.92	85.93	Flow Link Crow	7.98	0 - 09:59 hrs	7.47	7.47	0.21	0.21	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0 - 00:00 hrs
463	☐	SWMH-H8-026	8.99	104.71	w Maximum	0.31	0 - 09:57 hrs	9.72	9.72	0.32	0.32	0.00	0.11	7.74	0.31	0.00	0.00	0.00	0 - 00:00 hrs
464	☐	SWMH-H8-027	8.01	97.24	w Maximum	1.39	0 - 09:57 hrs	0.00	9.72	0.00	0.32	4.24	0.24	6.36	1.39	0.00	0.00	0.00	0 - 00:00 hrs
465	☐	SWMH-H8-028	9.97	94.50	w Maximum	3.23	0 - 10:00 hrs	0.00	43.45	0.00	3.83	69.49	1.45	7.72	3.23	0.00	0.00	0.00	0 - 00:00 hrs
466	☐	SWMH-H8-035	7.06	84.24	w Maximum	0.84	0 - 10:00 hrs	0.00	2.03	0.00	0.00	0.00	0.10	5.81	0.84	0.00	0.00	0.00	0 - 00:00 hrs
467	☐	SWMH-H8-062	5.96	63.75	w Maximum	5.64	0 - 09:59 hrs	0.00	154.51	0.00	14.98	186.82	0.27	1.95	5.64	0.00	0.00	0.00	0 - 00:00 hrs
468	☐	SWMH-H8-063	11.20	71.47	Surcharged	0.00	0 - 09:59 hrs	0.00	153.41	0.00	14.97	218.58	0.06	4.90	0.00	0.00	0.00	4.79	0 - 09:59 hrs
469	☐	SWMH-H8-064	8.23	67.05	w Maximum	0.07	0 - 09:59 hrs	0.00	154.49	0.00	14.97	432.49	0.40	4.23	0.07	0.00	0.00	0.00	0 - 00:00 hrs
470	☐	SWMH-H8-065	6.48	83.89	w Maximum	1.42	0 - 10:00 hrs	0.00	7.22	0.00	0.21	-43.88	0.15	5.13	1.42	0.00	0.00	0.00	0 - 00:00 hrs
471	☐	SWMH-H8-067	9.30	96.92	w Maximum	0.00	0 - 09:53 hrs	0.00	36.79	0.00	3.31	58.03	1.10	6.63	0.00	0.02	0.17	9.46	0 - 09:59 hrs
472	☐	SWMH-H9-001	1.96	93.95	Flow Link Crow	14.24	0 - 09:56 hrs	0.00	38.59	0.00	1.98	784.70	0.00	0.00	0.00	0.00	0.00	0.00	0 - 00:00 hrs
473	☐	SWMH-H9-002	1.86	93.61	Flow Link Crow	15.00	0 - 10:07 hrs	0.00	38.75	0.00	1.97	-555.56	0.00	0.00	0.00	0.00	0.00	0.00	0 - 00:00 hrs
474	☐	SWMH-H9-003	8.25	86.49	w Maximum	0.00	0 - 09:53 hrs	0.00	67.73	0.00	5.63	55.48	0.84	5.35	0.00	0.00	0.00	3.74	0 - 09:53 hrs
475	☐	SWMH-H9-005	6.00	111.36	w Maximum	2.02	0 - 10:03 hrs	0.00	38.59	0.00	1.98	94.88	0.68	4.00	2.02	0.00	0.00	0.00	0 - 00:00 hrs
476	☐	SWMH-H9-006	5.21	109.35	w Maximum	2.69	0 - 10:06 hrs	0.00	38.61	0.00	1.98	8.60	0.74	3.01	2.69	0.00	0.00	0.00	0 - 00:00 hrs
477	☐	SWMH-H9-007	7.19	79.66	w Maximum	2.11	0 - 09:53 hrs	0.00	67.72	0.00	5.63	87.56	1.01	4.69	2.11	0.00	0.00	0.00	0 - 00:00 hrs
478	☐	SWMH-I2-001	11.00	42.94	Surcharged	0.00	0 - 00:00 hrs	41.77	386.27	1.95	35.50	9,202.96	8.57	5.00	0.00	0.01	0.00	189.75	0 - 00:00 hrs
479	☐	SWMH-I2-002	10.67	44.31	w Maximum	2.83	0 - 09:57 hrs	51.60	344.91	2.46	33.50	8,203.56	1.87	4.67	2.83	0.00	0.00	0.00	0 - 00:00 hrs
480	☐	SWMH-I2-003	10.85	42.24	Surcharged	0.00	0 - 00:01 hrs	14.11	488.44	0.57	66.07	19,846.06	12.20	3.85	0.00	0.03	0.00	422.03	0 - 00:01 hrs
481	☐	SWMH-I3-002	7.36	43.74	Surcharged	0.00	0 - 09:55 hrs	0.00	12.25	0.00	0.03	-73.71	0.80	4.86	0.00	0.00	0.00	3.95	0 - 09:55 hrs
482	☐	SWMH-I3-003	7.50	45.44	w Maximum	0.00	0 - 09:56 hrs	0.00	12.25	0.00	0.01	-9.79	0.40	5.00	0.00	0.00	0.00	7.63	0 - 09:56 hrs
483	☐	SWMH-I3-004	0.00	48.44	Flow Link Inve	11.56	0 - 00:00 hrs	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0 - 00:00 hrs
484	☐	SWMH-I3-010	12.80	46.39	w Maximum	3.88	0 - 09:59 hrs	33.33	122.87	1.35	6.25	1,712.96	0.99	7.19	3.88	0.00	0.00	0.00	0 - 00:00 hrs
485	☐	SWMH-I4-001	1.35	70.00	Flow Link Crow	4.85	0 - 09:59 hrs	0.00	35.75	0.00	4.42	146.72	0.00	0.00	0.00	0.00	0.00	0.00	0 - 00:00 hrs
486	☐	SWMH-I4-002	5.47	75.49	w Maximum	1.55	0 - 09:59 hrs	0.00	35.76	0.00	4.42	568.31	2.92	2.97	1.55	0.00	0.00	0.00	0 - 00:00 hrs
487	☐	SWMH-I4-003	7.05	77.95	w Maximum	0.00	0 - 09:56 hrs	33.07	42.16	1.53	4.46	386.64	3.01	4.55	0.00	0.00	0.06	0.66	0 - 09:59 hrs
488	☐	SWMH-I4-004	6.35	77.71	w Maximum	0.00	0 - 09:51 hrs	0.00	5.90	0.00	0.04	0.00	3.05	4.35	0.00	0.03	0.27	5.90	0 - 10:03 hrs
489	☐	SWMH-I4-005	9.30	42.86	w Maximum	0.96	0 - 09:59 hrs	62.23	236.05	3.10	13.29	4,232.60	0.70	3.64	0.96	0.00	0.00	0.00	0 - 00:00 hrs
490	☐	SWMH-I4-007	12.71	51.91	w Maximum	3.01	0 - 09:59 hrs	0.00	93.74	0.00	4.87	151.28	0.75	8.89	3.01	0.00	0.00	0.00	0 - 00:00 hrs

FUTURE CONDITIONS 20-YR 24-HR JUNCTIONS

		ID	Maximum Depth (ft)	Maximum HGL (ft)	Maximum HGL Head Class	Freeboard (ft)	Max.Depth Day-Time (day-time)	Maximum Lateral Inflow (cfs)	Maximum Total Inflow (cfs)	Lateral Inflow Volume (MG)	Total Inflow Volume (MG)	Flow Volume Difference (MG)	Total Surcharge Time (hrs)	Max.Surchar ge Height Above Crown	Min.Surchar ge Depth Below Rim (ft)	Total Flood Volume (MG)	Total Flood Time (hrs)	Maximum Flood Rate (cfs)	Max.Flood Day-Time (day-time)
491	☐	SWMH-I4-008	11.32	53.49	Surcharged	0.00	0 - 09:56 hrs	0.00	95.87	0.00	4.87	-373.11	0.54	7.50	0.00	0.01	0.09	23.04	0 - 09:56 hrs
492	☐	SWMH-I4-010	15.40	66.16	w Maximum	0.00	0 - 09:59 hrs	22.19	98.63	0.84	4.89	871.73	0.37	11.39	0.00	0.00	0.00	16.16	0 - 09:59 hrs
493	☐	SWMH-I4-011	7.67	67.00	w Maximum	0.00	0 - 09:59 hrs	22.92	50.81	0.97	2.50	-49.45	0.31	5.17	0.00	0.00	0.00	10.46	0 - 09:59 hrs
494	☐	SWMH-I4-012	12.91	47.15	w Maximum	2.29	0 - 09:53 hrs	0.00	174.21	0.00	10.12	3,390.38	0.94	7.91	2.29	0.00	0.00	0.00	0 - 00:00 hrs
495	☐	SWMH-I4-013	11.74	46.07	w Maximum	4.61	0 - 09:53 hrs	0.00	122.91	0.00	6.29	1,818.13	0.94	6.74	4.61	0.00	0.00	0.00	0 - 00:00 hrs
496	☐	SWMH-I4-014	13.60	50.07	Surcharged	0.00	0 - 09:53 hrs	23.48	53.16	0.96	3.80	130.70	1.40	11.40	0.00	0.00	0.00	12.36	0 - 09:53 hrs
497	☐	SWMH-I4-015	12.95	63.49	w Maximum	0.00	0 - 09:52 hrs	57.79	57.79	3.01	3.01	0.00	1.18	10.95	0.00	0.16	0.40	28.07	0 - 10:03 hrs
498	☐	SWMH-I4-019	13.85	61.21	w Maximum	0.70	0 - 09:53 hrs	0.00	34.88	0.00	2.84	237.19	1.24	11.85	0.70	0.00	0.00	0.00	0 - 00:00 hrs
499	☐	SWMH-I4-023	7.36	67.00	w Maximum	1.00	0 - 10:00 hrs	0.00	32.69	0.00	1.55	-19.40	0.19	4.86	1.00	0.00	0.00	0.00	0 - 00:00 hrs
500	☐	SWMH-I5-001	6.45	58.56	w Maximum	0.00	0 - 09:52 hrs	0.00	79.79	0.00	11.01	229.48	2.10	3.30	0.00	0.00	0.00	9.61	0 - 09:52 hrs
501	☐	SWMH-I5-002	6.06	62.77	w Maximum	0.00	0 - 09:52 hrs	16.80	89.55	0.68	11.13	529.67	1.84	3.06	0.00	0.11	0.56	15.47	0 - 09:59 hrs
502	☐	SWMH-I5-003	10.60	71.44	Surcharged	0.00	0 - 09:52 hrs	0.00	35.74	0.00	4.42	36.84	1.25	7.80	0.00	0.00	0.00	4.96	0 - 09:52 hrs
503	☐	SWMH-I5-005	5.83	71.95	w Maximum	0.00	0 - 10:07 hrs	0.00	44.81	0.00	6.04	276.15	2.22	3.33	0.00	0.00	0.00	0.00	0 - 00:00 hrs
504	☐	SWMH-I5-006	5.40	74.12	Surcharged	0.00	0 - 09:52 hrs	24.62	52.03	1.03	6.14	526.20	2.14	2.90	0.00	0.10	0.55	14.97	0 - 09:59 hrs
505	☐	SWMH-I5-007	5.72	77.63	Surcharged	0.00	0 - 09:52 hrs	0.00	37.20	0.00	5.11	65.56	2.11	2.88	0.00	0.00	0.00	5.18	0 - 09:52 hrs
506	☐	SWMH-I5-008	5.30	78.08	Surcharged	0.00	0 - 09:52 hrs	0.00	37.18	0.00	5.12	267.93	2.77	2.80	0.00	0.00	0.00	0.08	0 - 09:52 hrs
507	☐	SWMH-I5-009	9.10	50.43	w Maximum	0.00	0 - 00:03 hrs	0.00	52.91	0.00	4.44	2,412.91	47.43	6.55	0.00	0.00	0.00	18.63	0 - 00:03 hrs
508	☐	SWMH-I5-010	1.55	68.73	low Link Cro	11.35	0 - 09:59 hrs	0.00	53.02	0.00	4.41	187.09	0.00	0.00	0.00	0.00	0.00	0.00	0 - 00:00 hrs
509	☐	SWMH-I5-011	13.75	81.94	Surcharged	0.00	0 - 09:49 hrs	0.00	53.02	0.00	4.41	137.86	2.31	11.10	0.00	0.00	0.00	3.05	0 - 09:49 hrs
510	☐	SWMH-I5-012	13.40	83.66	w Maximum	0.00	0 - 09:53 hrs	26.87	53.94	1.00	4.41	327.87	0.94	7.45	0.00	0.00	0.00	9.91	0 - 09:53 hrs
511	☐	SWMH-I5-013	5.65	76.72	Surcharged	0.00	0 - 09:51 hrs	0.00	37.39	0.00	5.11	-116.54	2.06	3.15	0.00	0.00	0.00	3.30	0 - 09:51 hrs
512	☐	SWMH-I8-001	9.57	92.67	w Maximum	0.23	0 - 10:00 hrs	16.31	115.09	0.58	10.79	-108.41	0.90	5.52	0.23	0.00	0.00	0.00	0 - 00:00 hrs
513	☐	SWMH-I8-002	10.35	98.60	Surcharged	0.00	0 - 09:57 hrs	18.02	95.98	0.67	9.01	482.60	0.65	5.60	0.00	0.00	0.01	25.42	0 - 09:57 hrs
514	☐	SWMH-I8-003	14.05	104.83	Surcharged	0.00	0 - 09:59 hrs	27.27	85.27	1.09	8.35	640.62	0.56	10.05	0.00	0.00	0.00	29.47	0 - 09:59 hrs
515	☐	SWMH-I8-004	13.76	107.38	w Maximum	0.00	0 - 10:00 hrs	0.00	62.26	0.00	7.26	442.99	0.48	10.26	0.00	0.00	0.00	21.16	0 - 10:00 hrs
516	☐	SWMH-I8-005	4.37	101.22	low Link Cro	4.75	0 - 10:02 hrs	0.00	12.66	0.00	0.66	1.09	0.00	0.00	0.00	0.00	0.00	0.00	0 - 00:00 hrs
517	☐	SWMH-I8-006	8.85	58.19	Surcharged	0.00	0 - 00:00 hrs	0.00	58.45	0.00	1.56	1,410.13	47.98	5.85	0.00	0.00	0.00	44.26	0 - 00:00 hrs
518	☐	SWMH-I8-007	1.11	93.55	low Link Cro	6.59	0 - 09:59 hrs	3.11	30.49	0.10	1.56	45.19	0.00	0.00	0.00	0.00	0.00	0.00	0 - 00:00 hrs
519	☐	SWMH-I8-008	7.50	102.14	w Maximum	0.00	0 - 09:52 hrs	11.56	27.38	0.40	1.46	50.84	0.76	5.40	0.00	0.00	0.00	3.02	0 - 09:52 hrs
520	☐	SWMH-I8-009	6.09	103.55	w Maximum	2.31	0 - 09:55 hrs	0.00	17.53	0.00	1.06	126.21	0.58	4.09	2.31	0.00	0.00	0.00	0 - 00:00 hrs
521	☐	SWMH-I8-010	8.15	107.23	Surcharged	0.00	0 - 09:55 hrs	0.00	17.53	0.00	1.06	27.13	1.20	6.15	0.00	0.00	0.00	0.16	0 - 09:55 hrs
522	☐	SWMH-I8-011	6.81	107.12	Surcharged	0.00	0 - 09:51 hrs	28.07	28.07	1.10	1.10	0.00	1.09	5.31	0.00	0.05	0.28	12.21	0 - 09:59 hrs
523	☐	SWMH-I8-013	2.26	87.29	low Link Cro	10.94	0 - 09:59 hrs	6.46	149.41	0.21	14.81	246.39	0.00	0.00	0.00	0.00	0.00	0.00	0 - 00:00 hrs
524	☐	SWMH-I8-014	2.71	99.11	low Link Cro	12.89	0 - 10:00 hrs	0.00	133.05	0.00	14.22	754.90	0.00	0.00	0.00	0.00	0.00	0.00	0 - 00:00 hrs
525	☐	SWMH-I8-015	2.82	108.99	low Link Cro	6.63	0 - 09:59 hrs	0.00	133.34	0.00	14.22	257.24	0.00	0.00	0.00	0.00	0.00	0.00	0 - 00:00 hrs
526	☐	SWMH-I8-016	7.24	114.54	w Maximum	3.11	0 - 09:59 hrs	19.30	105.38	0.69	13.15	1,357.09	2.80	3.64	3.11	0.00	0.00	0.00	0 - 00:00 hrs
527	☐	SWMH-I8-017	9.31	117.60	w Maximum	1.94	0 - 09:59 hrs	18.65	86.09	0.66	12.47	1,262.86	3.17	5.71	1.94	0.00	0.00	0.00	0 - 00:00 hrs
528	☐	SWMH-I8-018	0.70	90.72	low Link Cro	7.50	0 - 09:59 hrs	0.00	6.16	0.00	0.19	8.19	0.00	0.00	0.00	0.00	0.00	0.00	0 - 00:00 hrs
529	☐	SWMH-I8-019	8.00	118.44	w Maximum	0.00	0 - 09:56 hrs	0.00	27.96	0.00	1.08	65.37	0.40	5.70	0.00	0.00	0.00	3.08	0 - 09:56 hrs
530	☐	SWMH-I8-020	11.00	100.70	w Maximum	0.00	0 - 09:59 hrs	0.00	81.36	0.00	8.35	27.25	0.57	6.90	0.00	0.00	0.00	23.41	0 - 09:59 hrs
531	☐	SWMH-I8-024	7.15	109.16	Surcharged	0.00	0 - 09:52 hrs	18.78	18.78	0.68	0.68	0.00	0.94	5.65	0.00	0.02	0.22	6.09	0 - 09:59 hrs
532	☐	SWMH-I8-036	0.66	91.34	low Link Cro	7.64	0 - 09:59 hrs	6.40	6.40	0.19	0.19	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0 - 00:00 hrs
533	☐	SWMH-I8-041	2.10	74.49	low Link Cro	9.95	0 - 09:59 hrs	4.83	153.45	0.17	14.98	291.45	0.00	0.00	0.00	0.00	0.00	0.00	0 - 00:00 hrs
534	☐	SWMH-I9-001	17.28	134.78	Surcharged	-5.00	0 - 09:48 hrs	30.69	33.54	1.22	5.26	228.94	2.10	14.78	0.00	0.00	0.00	4.78	0 - 09:48 hrs
535	☐	SWMH-I9-002	7.68	115.67	Surcharged	0.00	0 - 09:56 hrs	20.50	45.12	0.77	1.99	4.46	0.62	5.68	0.00	0.02	0.19	6.52	0 - 09:59 hrs
536	☐	SWMH-I9-003	7.88	118.49	w Maximum	0.00	0 - 09:55 hrs	31.17	31.17	1.24	1.24	0.00	0.54	5.88	0.00	0.01	0.17	6.50	0 - 09:59 hrs
537	☐	SWMH-I9-008	8.45	119.88	w Maximum	0.00	0 - 09:56 hrs	28.36	28.36	1.08	1.08	0.00	0.51	6.45	0.00	0.00	0.01	0.38	0 - 09:59 hrs
538	☐	SWMH-J2-001	6.83	39.87	w Maximum	4.13	0 - 09:53 hrs	0.00	139.28	0.00	9.03	8,346.07	1.58	0.83	4.13	0.00	0.00	0.00	0 - 00:00 hrs
539	☐	SWMH-J2-002	6.68	40.58	w Maximum	0.44	0 - 09:53 hrs	0.00	44.63	0.00	3.73	2,114.26	41.35	3.18	0.44	0.00	0.00	0.00	0 - 00:00 hrs

FUTURE CONDITIONS 20-YR 24-HR JUNCTIONS

		ID	Maximum Depth (ft)	Maximum HGL (ft)	Maximum HGL Head Class	Freeboard (ft)	Max.Depth Day-Time (day-time)	Maximum Lateral Inflow (cfs)	Maximum Total Inflow (cfs)	Lateral Inflow Volume (MG)	Total Inflow Volume (MG)	Flow Volume Difference (MG)	Total Surcharge Time (hrs)	Max.Surchar ge Height Above Crown	Min.Surchar ge Depth Below Rim (ft)	Total Flood Volume (MG)	Total Flood Time (hrs)	Maximum Flood Rate (cfs)	Max.Flood Day-Time (day-time)
540	☐	SWMH-J2-003	6.77	40.69	Maximum	1.41	0 - 09:53 hrs	0.00	44.59	0.00	3.75	2,976.89	41.31	3.27	1.41	0.00	0.00	0.00	0 - 00:00 hrs
541	☐	SWMH-J2-004	6.34	41.33	Maximum	2.16	0 - 09:56 hrs	13.69	33.32	0.52	2.67	2,977.97	40.70	3.09	2.16	0.00	0.00	0.00	0 - 00:00 hrs
542	☐	SWMH-J2-005	5.84	42.17	Maximum	2.46	0 - 09:56 hrs	0.00	21.45	0.00	2.16	2,387.78	10.19	3.22	2.46	0.00	0.00	0.00	0 - 00:00 hrs
543	☐	SWMH-J2-007	6.65	45.45	Surcharged	0.00	0 - 09:45 hrs	48.14	48.14	2.24	2.24	0.00	2.37	4.55	0.00	0.23	0.63	30.59	0 - 09:59 hrs
544	☐	SWMH-J2-008	5.73	40.30	Maximum	3.17	0 - 09:53 hrs	0.00	94.68	0.00	5.35	3,006.80	40.33	1.58	3.17	0.00	0.00	0.00	0 - 00:00 hrs
545	☐	SWMH-J2-009	5.65	41.19	Maximum	2.70	0 - 09:56 hrs	0.00	94.69	0.00	5.36	3,176.73	1.45	1.90	2.70	0.00	0.00	0.00	0 - 00:00 hrs
546	☐	SWMH-J2-010	6.33	40.66	Maximum	0.12	0 - 09:53 hrs	0.00	14.99	0.00	1.11	912.02	41.40	3.31	0.12	0.00	0.00	0.00	0 - 00:00 hrs
547	☐	SWMH-J2-011	6.05	40.95	Maximum	0.00	0 - 09:49 hrs	27.85	27.85	1.20	1.20	352.05	41.75	4.02	0.00	0.09	0.38	16.53	0 - 09:59 hrs
548	☐	SWMH-J2-012	5.80	43.38	Maximum	0.00	0 - 09:45 hrs	5.16	22.66	0.17	2.18	1,226.07	2.36	3.30	0.00	0.01	0.22	3.01	0 - 09:59 hrs
549	☐	SWMH-J2-016	7.81	39.48	Maximum	2.30	0 - 09:53 hrs	6.91	146.18	0.24	9.18	9,481.58	41.14	1.81	2.30	0.00	0.00	0.00	0 - 00:00 hrs
550	☐	SWMH-J2-066	6.03	43.92	Maximum	0.47	0 - 09:45 hrs	0.00	20.22	0.00	2.01	406.99	2.26	3.53	0.47	0.00	0.00	0.00	0 - 00:00 hrs
551	☐	SWMH-J3-001	6.62	43.21	Maximum	0.13	0 - 09:56 hrs	13.30	47.75	0.50	3.22	2,703.11	1.82	3.61	0.13	0.00	0.00	0.00	0 - 00:00 hrs
552	☐	SWMH-J3-002	6.98	44.20	Maximum	0.00	0 - 09:49 hrs	0.00	37.77	0.00	2.73	1,512.06	1.56	3.98	0.00	0.00	0.01	4.39	0 - 09:49 hrs
553	☐	SWMH-J3-003	7.40	44.95	Maximum	0.00	0 - 09:49 hrs	33.40	44.82	1.43	2.77	1,419.89	1.56	4.40	0.00	0.03	0.22	10.33	0 - 09:59 hrs
554	☐	SWMH-J3-004	7.55	47.21	Surcharged	0.00	0 - 09:53 hrs	0.00	13.34	0.00	1.34	88.40	0.73	4.55	0.00	0.00	0.00	6.46	0 - 09:53 hrs
555	☐	SWMH-J3-005	6.58	48.72	Surcharged	0.00	0 - 09:55 hrs	0.00	12.21	0.00	1.35	83.21	0.62	4.58	0.00	0.00	0.00	4.39	0 - 09:55 hrs
556	☐	SWMH-J3-006	6.33	59.68	Surcharged	0.00	0 - 09:48 hrs	33.80	33.80	1.52	1.52	0.00	1.69	5.08	0.00	0.18	0.71	22.34	0 - 09:59 hrs
557	☐	SWMH-J3-007	5.83	42.44	Maximum	2.25	0 - 09:56 hrs	0.00	46.95	0.00	2.14	1,269.14	1.25	2.83	2.25	0.00	0.00	0.00	0 - 00:00 hrs
558	☐	SWMH-J3-008	7.20	45.23	Surcharged	0.00	0 - 09:56 hrs	23.59	47.21	0.99	2.15	377.88	0.93	4.60	0.00	0.00	0.02	0.26	0 - 09:59 hrs
559	☐	SWMH-J3-009	6.70	46.06	Maximum	0.00	0 - 09:56 hrs	26.63	26.63	1.15	1.15	0.00	0.68	4.20	0.00	0.00	0.10	2.97	0 - 09:59 hrs
560	☐	SWMH-J3-010	8.58	49.34	Maximum	0.97	0 - 09:59 hrs	0.00	40.26	0.00	2.18	73.14	1.10	5.88	0.97	0.00	0.00	0.00	0 - 00:00 hrs
561	☐	SWMH-J3-011	9.28	50.04	Maximum	0.42	0 - 09:59 hrs	24.03	40.28	0.98	2.18	79.21	1.08	6.36	0.42	0.00	0.00	0.00	0 - 00:00 hrs
562	☐	SWMH-J3-012	9.03	50.26	Maximum	0.82	0 - 09:57 hrs	6.81	19.79	0.23	1.20	57.83	1.13	6.53	0.82	0.00	0.00	0.00	0 - 00:00 hrs
563	☐	SWMH-J3-013	8.82	50.66	Maximum	1.33	0 - 09:57 hrs	0.00	16.34	0.00	0.97	-23.00	1.16	6.58	1.33	0.00	0.00	0.00	0 - 00:00 hrs
564	☐	SWMH-J3-014	7.90	51.12	Maximum	0.00	0 - 09:52 hrs	25.26	25.26	1.03	1.03	0.00	0.96	5.90	0.00	0.06	0.27	15.78	0 - 09:59 hrs
565	☐	SWMH-J4-001	10.60	47.08	Maximum	0.00	0 - 00:02 hrs	0.00	192.33	0.00	16.36	20,858.07	47.92	5.60	0.00	0.01	0.00	129.73	0 - 00:02 hrs
566	☐	SWMH-J4-002	7.08	46.41	Maximum	0.00	0 - 00:09 hrs	0.00	30.37	0.00	2.65	10,386.73	0.02	3.08	0.00	0.00	0.00	8.04	0 - 00:09 hrs
567	☐	SWMH-J4-004	5.84	45.76	Maximum	0.24	0 - 00:09 hrs	0.00	13.18	0.00	2.56	1,571.32	47.73	3.34	0.24	0.00	0.00	0.00	0 - 00:00 hrs
568	☐	SWMH-J4-005	4.26	44.74	Surcharged	0.00	0 - 00:08 hrs	0.00	16.35	0.00	2.90	671.71	47.70	2.26	0.00	0.35	2.93	7.63	0 - 00:08 hrs
569	☐	SWMH-J4-007	12.54	54.70	Maximum	0.30	0 - 09:57 hrs	0.00	45.29	0.00	2.03	71.24	0.54	10.54	0.30	0.00	0.00	0.00	0 - 00:00 hrs
570	☐	SWMH-J4-013	6.16	49.36	Maximum	0.74	0 - 11:04 hrs	0.00	16.35	0.00	2.89	13.72	8.83	4.66	0.74	0.00	0.00	0.00	0 - 00:00 hrs
571	☐	SWMH-J4-014	4.55	50.26	Maximum	0.00	0 - 09:41 hrs	68.27	68.27	3.54	3.54	0.00	4.90	3.05	0.00	0.65	1.41	51.91	0 - 10:03 hrs
572	☐	SWMH-J5-001	9.25	47.43	Maximum	0.25	0 - 10:00 hrs	33.18	116.61	2.16	16.20	9,453.98	43.21	4.24	0.25	0.00	0.00	0.00	0 - 00:00 hrs
573	☐	SWMH-J5-002	7.35	50.31	Surcharged	0.00	0 - 09:48 hrs	46.85	120.91	2.15	13.19	689.39	2.55	3.35	0.00	0.00	0.00	11.02	0 - 09:48 hrs
574	☐	SWMH-J5-003	8.55	47.76	Maximum	0.00	0 - 09:47 hrs	0.00	120.92	0.00	13.24	1,910.87	3.33	2.38	0.00	0.51	0.84	51.13	0 - 09:59 hrs
575	☐	SWMH-J5-004	6.55	49.77	Surcharged	0.00	0 - 09:49 hrs	31.07	31.07	1.31	1.31	0.00	3.42	4.55	0.00	0.03	0.29	9.21	0 - 09:59 hrs
576	☐	SWMH-J5-005	6.65	49.58	Maximum	0.00	0 - 09:49 hrs	0.00	21.93	0.00	1.29	-273.84	3.76	4.65	0.00	0.07	0.45	8.27	0 - 10:03 hrs
577	☐	SWMH-J7-001	8.05	67.40	Maximum	0.00	0 - 09:55 hrs	20.12	168.87	0.64	17.58	1,593.88	1.08	3.55	0.00	0.00	0.01	21.01	0 - 09:55 hrs
578	☐	SWMH-J7-002	10.40	78.17	Surcharged	0.00	0 - 09:52 hrs	81.10	115.54	3.91	8.27	30.02	1.29	3.29	0.00	0.03	0.22	12.29	0 - 09:59 hrs
579	☐	SWMH-J7-003	6.98	83.45	Maximum	0.00	0 - 09:52 hrs	0.00	50.10	0.00	4.56	243.43	1.88	4.65	0.00	0.19	0.62	15.64	0 - 10:03 hrs
580	☐	SWMH-J7-005	6.75	44.32	Surcharged	0.00	0 - 00:00 hrs	0.00	135.64	0.00	12.11	2,552.94	47.98	2.70	0.00	0.78	0.78	96.29	0 - 00:00 hrs
581	☐	SWMH-J7-006	11.18	66.79	Maximum	4.97	0 - 10:00 hrs	0.00	143.40	0.00	12.08	265.87	0.37	8.18	4.97	0.00	0.00	0.00	0 - 00:00 hrs
582	☐	SWMH-J7-007	14.53	76.72	Maximum	3.52	0 - 10:00 hrs	21.30	140.57	0.77	12.09	104.80	0.18	11.03	3.52	0.00	0.00	0.00	0 - 00:00 hrs
583	☐	SWMH-J7-008	12.13	78.68	Maximum	6.83	0 - 10:00 hrs	0.00	119.27	0.00	11.32	574.79	0.87	8.63	6.83	0.00	0.00	0.00	0 - 00:00 hrs
584	☐	SWMH-J7-009	9.70	87.18	Maximum	0.00	0 - 09:57 hrs	14.95	119.26	0.53	11.32	255.99	0.97	6.70	0.00	0.00	0.00	1.55	0 - 10:00 hrs
585	☐	SWMH-J7-014	10.35	77.82	Maximum	0.00	0 - 09:52 hrs	0.00	104.61	0.00	8.25	499.73	1.69	6.70	0.00	0.30	0.50	38.44	0 - 10:06 hrs
586	☐	SWMH-J7-015	5.45	83.96	Maximum	0.00	0 - 09:52 hrs	0.00	7.62	0.00	0.00	0.00	1.69	3.95	0.00	0.00	0.00	6.97	0 - 09:52 hrs
587	☐	SWMH-J8-001	9.68	94.88	Maximum	0.00	0 - 09:52 hrs	0.00	29.67	0.00	2.91	32.67	1.42	7.30	0.00	0.00	0.00	10.48	0 - 09:52 hrs
588	☐	SWMH-J8-002	9.05	95.18	Maximum	0.00	0 - 09:52 hrs	0.00	35.64	0.00	2.92	187.57	1.42	6.80	0.00	0.00	0.00	5.53	0 - 09:52 hrs

FUTURE CONDITIONS 20-YR 24-HR JUNCTIONS

		ID	Maximum Depth (ft)	Maximum HGL (ft)	Maximum HGL Head Class	Freeboard (ft)	Max.Depth Day-Time (day-time)	Maximum Lateral Inflow (cfs)	Maximum Total Inflow (cfs)	Lateral Inflow Volume (MG)	Total Inflow Volume (MG)	Flow Volume Difference (#)	Total Surcharge Time (hrs)	Max.Surchar ge Height Above Crown	Min.Surchar ge Depth Below Rim (ft)	Total Flood Volume (MG)	Total Flood Time (hrs)	Maximum Flood Rate (cfs)	Max.Flood Day-Time (day-time)
589	☐	SWMH-J8-003	6.80	97.23	Maximum	0.00	0 - 09:52 hrs	46.75	46.75	2.16	3.05	225.35	1.41	4.55	0.00	0.00	0.13	4.36	0 - 09:52 hrs
590	☐	SWMH-J8-004	5.15	96.60	Maximum	0.00	0 - 09:52 hrs	27.80	42.55	1.13	1.24	0.00	1.28	2.90	0.00	0.35	0.61	42.51	0 - 09:59 hrs
591	☐	SWMH-J8-005	7.84	97.57	Maximum	0.01	0 - 09:57 hrs	32.40	39.48	1.41	4.23	69.45	2.82	4.15	0.01	0.00	0.00	0.00	0 - 00:00 hrs
592	☐	SWMH-J8-006	8.20	93.26	Surcharged	0.00	0 - 09:57 hrs	31.10	118.46	1.30	10.31	204.75	0.72	3.62	0.00	0.09	0.19	28.62	0 - 10:03 hrs
593	☐	SWMH-J8-007	9.85	105.79	Surcharged	0.00	0 - 10:00 hrs	0.00	51.21	0.00	6.60	314.56	0.24	5.55	0.00	0.00	0.00	12.79	0 - 10:00 hrs
594	☐	SWMH-J8-008	8.99	105.20	Maximum	1.76	0 - 10:00 hrs	0.00	27.86	0.00	5.64	433.09	0.38	5.89	1.76	0.00	0.00	0.00	0 - 00:00 hrs
595	☐	SWMH-J8-011	6.74	111.02	Maximum	0.96	0 - 10:03 hrs	25.14	25.14	0.96	0.96	0.00	0.38	4.74	0.96	0.00	0.00	0.00	0 - 00:00 hrs
596	☐	SWMH-J8-012	7.65	108.00	Surcharged	0.00	0 - 09:41 hrs	14.34	46.52	0.48	2.90	225.74	4.26	5.15	0.00	0.13	0.50	16.08	0 - 09:59 hrs
597	☐	SWMH-J8-013	10.70	112.94	Surcharged	0.00	0 - 09:41 hrs	62.09	62.09	2.57	2.57	0.00	3.35	8.45	0.00	0.15	0.37	29.83	0 - 09:59 hrs
598	☐	SWMH-J8-014	6.20	98.12	Surcharged	0.00	0 - 09:52 hrs	0.00	7.08	0.00	0.00	0.00	1.26	4.45	0.00	0.00	0.01	6.05	0 - 09:52 hrs
599	☐	SWMH-J8-015	5.90	97.07	Maximum	0.00	0 - 09:52 hrs	0.00	6.68	0.00	0.03	2.35	1.37	4.15	0.00	0.02	0.23	4.44	0 - 10:03 hrs
600	☐	SWMH-J8-020	5.65	108.91	Maximum	1.15	0 - 10:03 hrs	0.00	25.14	0.00	0.96	49.74	0.07	3.65	1.15	0.00	0.00	0.00	0 - 00:00 hrs
601	☐	SWMH-J9-001	10.35	121.21	Maximum	0.00	0 - 09:45 hrs	0.00	117.32	0.00	12.11	1,288.51	3.10	6.85	0.00	0.29	0.48	49.76	0 - 09:59 hrs
602	☐	SWMH-J9-002	10.40	122.73	Surcharged	0.00	0 - 09:48 hrs	0.00	35.47	0.00	4.93	46.94	2.74	6.40	0.00	0.00	0.01	14.80	0 - 09:48 hrs
603	☐	SWMH-J9-003	10.72	125.71	Surcharged	-5.00	0 - 09:49 hrs	11.23	34.96	0.39	4.17	677.64	2.46	7.72	0.00	0.00	0.00	20.93	0 - 09:49 hrs
604	☐	SWMH-J9-004	12.14	129.32	Surcharged	-5.00	0 - 09:49 hrs	18.56	32.90	0.65	3.78	222.85	2.06	9.14	0.00	0.00	0.00	20.31	0 - 09:49 hrs
605	☐	SWMH-J9-005	8.00	125.18	Surcharged	0.00	0 - 09:49 hrs	0.00	25.79	0.00	3.31	158.71	3.35	5.60	0.00	0.18	0.71	18.84	0 - 09:59 hrs
606	☐	SWMH-J9-006	7.50	128.36	Maximum	0.00	0 - 09:51 hrs	22.52	43.65	0.84	3.44	44.15	2.35	5.20	0.00	0.13	0.59	19.57	0 - 09:59 hrs
607	☐	SWMH-J9-007	7.15	129.81	Maximum	0.00	0 - 09:48 hrs	0.00	21.14	0.00	2.60	2.08	2.14	4.90	0.00	0.00	0.02	2.35	0 - 09:48 hrs
608	☐	SWMH-J9-008	7.65	136.37	Surcharged	0.00	0 - 09:51 hrs	0.00	21.90	0.00	2.60	53.14	1.74	5.45	0.00	0.00	0.00	6.82	0 - 09:51 hrs
609	☐	SWMH-J9-009	11.23	131.44	Surcharged	0.00	0 - 09:48 hrs	0.00	22.21	0.00	4.05	194.17	2.32	9.23	0.00	0.00	0.00	0.96	0 - 09:48 hrs
610	☐	SWMH-J9-010	8.82	122.84	Maximum	0.00	0 - 09:48 hrs	0.00	9.66	0.00	0.78	64.61	2.84	6.82	0.00	0.00	0.00	4.73	0 - 09:48 hrs
611	☐	SWMH-J9-011	7.65	130.59	Surcharged	0.00	0 - 09:48 hrs	0.00	13.49	0.00	3.09	57.90	4.85	5.65	0.00	0.05	0.65	3.20	0 - 10:00 hrs
612	☐	SWMH-J9-013	13.69	125.19	Surcharged	-3.94	0 - 09:59 hrs	51.16	84.61	1.93	7.19	224.49	3.48	11.19	0.00	0.00	0.00	0.00	0 - 00:00 hrs
613	☐	SWMH-J9-014	6.80	122.45	Surcharged	0.00	0 - 09:48 hrs	25.76	28.05	0.99	1.00	0.00	2.44	4.80	0.00	0.23	0.67	28.00	0 - 09:59 hrs
614	☐	SWMH-J9-028	7.50	137.15	Maximum	0.00	0 - 09:48 hrs	0.00	13.50	0.00	3.09	580.70	6.50	5.80	0.00	0.00	0.08	0.11	0 - 09:48 hrs
615	☐	SWMH-J9-029	8.05	135.88	Maximum	0.00	0 - 09:48 hrs	0.00	13.49	0.00	3.08	-452.39	6.93	6.55	0.00	0.00	0.00	0.06	0 - 09:48 hrs
616	☐	SWMH-J9-030	8.07	133.40	Surcharged	0.00	0 - 09:48 hrs	0.00	13.49	0.00	3.09	142.73	7.08	6.57	0.00	0.00	0.00	0.09	0 - 09:48 hrs
617	☐	SWMH-J9-032	7.60	130.53	Maximum	0.00	0 - 09:48 hrs	0.00	13.55	0.00	3.04	70.53	2.27	5.60	0.00	0.02	0.57	1.55	0 - 09:52 hrs
618	☐	SWMH-J9-033	8.05	130.38	Surcharged	0.00	0 - 09:48 hrs	31.02	36.82	1.23	4.24	73.35	2.21	6.05	0.00	0.20	0.51	33.99	0 - 09:59 hrs
619	☐	SWMH-J9-035	6.35	136.15	Maximum	0.00	0 - 09:47 hrs	56.02	56.02	2.60	2.60	0.00	5.66	4.60	0.00	0.48	0.98	48.69	0 - 09:59 hrs
620	☐	SWMH-J9-036	7.50	138.69	Surcharged	0.00	0 - 09:51 hrs	13.90	13.90	0.48	0.48	0.00	1.14	6.00	0.00	0.00	0.00	2.28	0 - 09:51 hrs
621	☐	SWMH-J9-039	6.96	139.23	Surcharged	0.00	0 - 09:37 hrs	87.35	87.35	4.25	4.25	0.00	6.30	5.46	0.00	1.16	2.40	76.74	0 - 09:59 hrs
622	☐	SWMH-K2-001	14.60	45.00	Maximum	0.00	0 - 00:00 hrs	0.00	263.36	0.00	8.95	3,404.12	47.98	10.10	0.00	0.00	0.00	145.03	0 - 00:00 hrs
623	☐	SWMH-K2-002	16.20	47.00	Maximum	0.00	0 - 00:01 hrs	0.00	198.88	0.00	8.95	4,503.18	47.97	11.70	0.00	0.00	0.00	94.20	0 - 00:01 hrs
624	☐	SWMH-K2-004	14.57	46.14	Maximum	1.73	0 - 00:05 hrs	33.78	114.37	1.65	8.82	0.00	47.85	10.07	1.73	0.00	0.00	0.00	0 - 00:00 hrs
625	☐	SWMH-K2-005	17.05	48.59	Maximum	0.32	0 - 00:05 hrs	0.00	95.80	0.00	7.13	5,614.33	47.84	12.22	0.32	0.00	0.00	0.00	0 - 00:00 hrs
626	☐	SWMH-K2-006	11.50	43.03	Maximum	5.92	0 - 09:56 hrs	0.00	91.48	0.00	7.10	5,429.97	47.84	7.00	5.92	0.00	0.00	0.00	0 - 00:00 hrs
627	☐	SWMH-K2-009	6.38	43.12	Maximum	3.77	0 - 09:56 hrs	0.00	16.46	0.00	3.26	2,521.62	4.03	3.63	3.77	0.00	0.00	0.00	0 - 00:00 hrs
628	☐	SWMH-K2-011	7.72	45.56	Maximum	3.03	0 - 09:59 hrs	0.00	16.46	0.00	3.23	955.07	9.46	5.69	3.03	0.00	0.00	0.00	0 - 00:00 hrs
629	☐	SWMH-K2-012	13.80	47.45	Maximum	0.00	0 - 00:07 hrs	21.13	62.74	0.89	3.78	4,436.95	47.72	9.90	0.00	0.00	0.00	13.80	0 - 00:07 hrs
630	☐	SWMH-K2-013	15.95	47.12	Maximum	0.00	0 - 00:02 hrs	0.00	143.83	0.00	8.90	12,006.31	47.91	11.45	0.00	0.00	0.00	49.48	0 - 00:02 hrs
631	☐	SWMH-K2-016	11.24	44.52	Maximum	3.56	0 - 00:07 hrs	0.00	70.39	0.00	3.80	3,267.06	47.78	7.49	3.56	0.00	0.00	0.00	0 - 00:00 hrs
632	☐	SWMH-K3-002	3.13	42.63	Flow Link Cro	7.29	0 - 00:03 hrs	0.00	77.22	0.00	3.31	3,976.29	0.00	0.00	0.00	0.00	0.00	0.00	0 - 00:00 hrs
633	☐	SWMH-K3-003	9.36	47.58	Surcharged	0.00	0 - 09:40 hrs	54.39	65.50	2.75	3.97	543.49	8.87	6.79	0.00	0.75	1.49	52.36	0 - 10:03 hrs
634	☐	SWMH-K3-004	4.59	43.42	Maximum	3.71	0 - 10:00 hrs	0.00	34.87	0.00	7.58	0.00	8.63	2.09	3.71	0.00	0.00	0.00	0 - 00:00 hrs
635	☐	SWMH-K3-005	6.12	46.46	Maximum	0.26	0 - 09:56 hrs	23.66	23.66	1.03	1.67	18.59	7.47	3.87	0.26	0.00	0.00	0.00	0 - 00:00 hrs
636	☐	SWMH-K3-006	7.37	47.34	Maximum	0.38	0 - 10:04 hrs	0.00	20.14	0.00	5.91	248.18	9.56	4.82	0.38	0.00	0.00	0.00	0 - 00:00 hrs
637	☐	SWMH-K3-007	6.94	47.63	Maximum	0.56	0 - 09:56 hrs	0.00	20.14	0.00	5.91	241.58	8.79	4.43	0.56	0.00	0.00	0.00	0 - 00:00 hrs

FUTURE CONDITIONS 20-YR 24-HR JUNCTIONS

		ID	Maximum Depth (ft)	Maximum HGL (ft)	Maximum HGL Head Class	Freeboard (ft)	Max.Depth Day-Time (day-time)	Maximum Lateral Inflow (cfs)	Maximum Total Inflow (cfs)	Lateral Inflow Volume (MG)	Total Inflow Volume (MG)	Flow Volume Difference (MG)	Total Surcharge Time (hrs)	Max.Surchar ge Height Above Crown	Min.Surchar ge Depth Below Rim	Total Flood Volume (MG)	Total Flood Time (hrs)	Maximum Flood Rate (cfs)	Max.Flood Day-Time (day-time)
638	☐	SWMH-K3-008	4.10	43.40	w Maximum	3.90	0 - 09:52 hrs	0.00	40.23	0.00	2.20	618.13	0.50	1.30	3.90	0.00	0.00	0.00	0 - 00:00 hrs
639	☐	SWMH-K3-009	5.23	44.10	w Maximum	3.22	0 - 09:52 hrs	0.00	40.29	0.00	2.20	949.86	0.58	2.23	3.22	0.00	0.00	0.00	0 - 00:00 hrs
640	☐	SWMH-K3-010	4.29	44.16	w Maximum	3.03	0 - 09:52 hrs	0.00	40.22	0.00	2.19	111.14	0.54	1.54	3.03	0.00	0.00	0.00	0 - 00:00 hrs
641	☐	SWMH-K3-011	7.86	48.32	w Maximum	2.26	0 - 09:59 hrs	0.00	40.23	0.00	2.18	197.25	1.23	5.19	2.26	0.00	0.00	0.00	0 - 00:00 hrs
642	☐	SWMH-K3-012	6.49	43.42	w Maximum	1.71	0 - 00:00 hrs	0.00	42.95	0.00	7.58	989.06	47.83	2.99	1.71	0.00	0.00	0.00	0 - 00:00 hrs
643	☐	SWMH-K3-018	6.85	47.44	Surcharged	0.00	0 - 00:01 hrs	17.86	17.86	0.68	0.68	0.00	0.93	4.80	0.00	0.00	0.00	8.38	0 - 00:01 hrs
644	☐	SWMH-K3-019	10.80	47.82	w Maximum	1.50	0 - 00:00 hrs	0.00	41.80	0.00	0.69	725.81	47.99	8.50	1.50	0.00	0.00	0.00	0 - 00:00 hrs
645	☐	SWMH-K3-020	6.68	46.44	w Maximum	1.52	0 - 00:01 hrs	0.00	23.89	0.00	0.69	528.82	47.83	4.48	1.52	0.00	0.00	0.00	0 - 00:00 hrs
646	☐	SWMH-K3-022	8.38	47.92	w Maximum	0.00	0 - 09:45 hrs	30.45	30.45	1.36	1.36	0.00	7.63	6.63	0.00	0.15	0.70	19.30	0 - 09:59 hrs
647	☐	SWMH-K3-024	4.98	45.10	w Maximum	3.32	0 - 09:52 hrs	0.00	40.25	0.00	2.18	352.40	0.67	2.18	3.32	0.00	0.00	0.00	0 - 00:00 hrs
648	☐	SWMH-K3-025	6.87	47.74	w Maximum	0.53	0 - 09:45 hrs	0.00	20.17	0.00	5.91	247.98	8.58	4.37	0.53	0.00	0.00	0.00	0 - 00:00 hrs
649	☐	SWMH-K3-091	9.47	45.16	w Maximum	0.00	0 - 00:01 hrs	0.00	213.72	0.00	3.38	3,587.66	47.96	5.47	0.00	0.03	0.01	193.25	0 - 00:01 hrs
650	☐	SWMH-K4-001	3.45	43.31	low Link Cro	14.19	0 - 10:06 hrs	0.00	68.54	0.00	3.28	1,353.62	0.00	0.00	0.00	0.00	0.00	0.00	0 - 00:00 hrs
651	☐	SWMH-K4-002	3.83	44.04	low Link Cro	7.37	0 - 10:04 hrs	0.00	68.55	0.00	3.27	594.38	0.00	0.00	0.00	0.00	0.00	0.00	0 - 00:00 hrs
652	☐	SWMH-K4-006	10.70	46.45	w Maximum	0.00	0 - 00:01 hrs	21.95	79.19	0.89	7.63	1,095.25	47.92	7.00	0.00	0.00	0.00	33.16	0 - 00:01 hrs
653	☐	SWMH-K4-007	11.20	46.42	Surcharged	0.00	0 - 00:01 hrs	0.00	100.87	0.00	7.66	5,870.88	47.94	7.65	0.00	0.00	0.00	52.68	0 - 00:01 hrs
654	☐	SWMH-K4-008	9.44	45.78	w Maximum	1.79	0 - 09:59 hrs	0.00	66.29	0.00	6.74	3,028.60	47.91	5.94	1.79	0.00	0.00	0.00	0 - 00:00 hrs
655	☐	SWMH-K4-009	8.65	46.33	w Maximum	1.80	0 - 00:06 hrs	0.00	48.35	0.00	6.68	2,066.75	47.81	5.15	1.80	0.00	0.00	0.00	0 - 00:00 hrs
656	☐	SWMH-K6-001	12.76	61.93	w Maximum	8.79	0 - 09:59 hrs	0.00	81.85	0.00	8.72	311.88	1.34	9.75	8.79	0.00	0.00	0.00	0 - 00:00 hrs
657	☐	SWMH-K6-002	13.14	67.31	w Maximum	5.01	0 - 09:59 hrs	0.00	83.36	0.00	8.72	217.12	1.16	10.14	5.01	0.00	0.00	0.00	0 - 00:00 hrs
658	☐	SWMH-K6-011	13.30	60.19	Surcharged	0.00	0 - 09:53 hrs	19.90	98.84	0.73	9.45	545.38	1.25	9.95	0.00	0.00	0.00	8.54	0 - 09:53 hrs
659	☐	SWMH-K6-013	8.91	51.66	w Maximum	3.19	0 - 09:56 hrs	0.00	98.85	0.00	9.45	571.44	1.27	5.81	3.19	0.00	0.00	0.00	0 - 00:00 hrs
660	☐	SWMH-K7-001	6.80	84.45	w Maximum	0.00	0 - 09:48 hrs	0.00	39.12	0.00	5.34	211.59	2.22	4.10	0.00	0.00	0.00	4.40	0 - 09:48 hrs
661	☐	SWMH-K7-003	8.45	71.64	w Maximum	0.00	0 - 09:56 hrs	0.00	68.54	0.00	7.30	3.78	0.81	5.30	0.00	0.00	0.00	9.97	0 - 09:56 hrs
662	☐	SWMH-K7-004	2.53	76.18	low Link Cro	1.82	0 - 10:00 hrs	0.00	69.91	0.00	7.31	280.20	0.00	0.00	0.00	0.00	0.00	0.00	0 - 00:00 hrs
663	☐	SWMH-K7-005	4.50	79.92	w Maximum	0.00	0 - 09:48 hrs	44.97	81.46	2.03	7.37	202.29	2.28	2.00	0.00	0.06	0.27	14.14	0 - 09:59 hrs
664	☐	SWMH-K7-006	5.68	84.89	w Maximum	0.82	0 - 09:48 hrs	0.00	31.37	0.00	4.21	208.48	2.35	3.18	0.82	0.00	0.00	0.00	0 - 00:00 hrs
665	☐	SWMH-K7-007	5.23	87.51	Surcharged	0.00	0 - 09:48 hrs	0.00	14.29	0.00	1.86	93.09	2.43	2.98	0.00	0.00	0.01	6.91	0 - 09:48 hrs
666	☐	SWMH-K7-008	5.12	87.96	w Maximum	0.00	0 - 09:48 hrs	0.00	14.30	0.00	1.94	124.29	2.59	3.12	0.00	0.08	1.05	3.31	0 - 09:48 hrs
667	☐	SWMH-K7-009	5.72	89.21	w Maximum	0.00	0 - 09:48 hrs	0.00	16.32	0.00	1.99	137.13	2.62	3.72	0.00	0.05	0.94	2.06	0 - 10:10 hrs
668	☐	SWMH-K7-012	7.16	60.75	w Maximum	1.25	0 - 09:57 hrs	37.86	203.03	1.56	19.13	1,260.34	1.04	2.16	1.25	0.00	0.00	0.00	0 - 00:00 hrs
669	☐	SWMH-K7-013	10.60	89.34	Surcharged	0.00	0 - 09:51 hrs	39.90	64.28	1.69	4.61	119.89	1.74	7.80	0.00	0.05	0.26	14.16	0 - 09:59 hrs
670	☐	SWMH-K7-015	2.28	82.90	low Link Cro	3.52	0 - 09:59 hrs	25.47	95.18	1.04	9.04	343.99	0.00	0.00	0.00	0.00	0.00	0.00	0 - 00:00 hrs
671	☐	SWMH-K7-018	8.38	90.13	Surcharged	-3.63	0 - 09:56 hrs	0.00	69.97	0.00	8.01	194.30	0.56	4.88	0.00	0.00	0.00	0.00	0 - 00:00 hrs
672	☐	SWMH-K7-019	3.96	85.13	w Maximum	0.84	0 - 09:56 hrs	0.00	73.16	0.00	8.01	270.17	0.44	0.46	0.84	0.00	0.00	0.00	0 - 00:00 hrs
673	☐	SWMH-K7-022	5.80	90.69	w Maximum	0.20	0 - 09:55 hrs	28.83	75.43	1.22	8.02	-44.11	0.97	2.30	0.20	0.00	0.00	0.00	0 - 00:00 hrs
674	☐	SWMH-K7-023	4.75	83.29	Surcharged	0.00	0 - 09:49 hrs	29.30	29.30	1.23	1.23	76.81	1.79	2.00	0.00	0.10	0.46	17.55	0 - 09:59 hrs
675	☐	SWMH-K8-001	6.67	90.76	Surcharged	0.00	0 - 09:48 hrs	45.95	45.95	2.24	2.24	0.00	2.66	4.67	0.00	0.25	0.76	29.58	0 - 09:59 hrs
676	☐	SWMH-K8-002	9.67	103.88	Surcharged	-3.76	0 - 09:57 hrs	32.18	39.88	1.36	6.48	139.02	5.84	7.16	0.00	0.00	0.00	0.00	0 - 00:00 hrs
677	☐	SWMH-K8-003	9.05	103.88	Surcharged	-1.75	0 - 09:57 hrs	0.00	31.42	0.00	5.13	-193.44	5.78	6.54	0.00	0.00	0.00	0.00	0 - 00:00 hrs
678	☐	SWMH-K8-004	8.23	103.73	Surcharged	0.00	0 - 09:45 hrs	0.00	37.43	0.00	5.61	80.95	5.71	5.70	0.00	0.48	1.53	29.69	0 - 09:59 hrs
679	☐	SWMH-K8-005	9.55	106.30	Surcharged	0.00	0 - 09:48 hrs	0.00	37.41	0.00	5.61	103.83	5.22	6.95	0.00	0.00	0.00	0.52	0 - 09:48 hrs
680	☐	SWMH-K8-006	5.98	94.14	w Maximum	2.02	0 - 09:45 hrs	0.00	28.26	0.00	4.02	665.30	2.92	3.23	2.02	0.00	0.00	0.00	0 - 00:00 hrs
681	☐	SWMH-K8-008	5.80	97.39	w Maximum	0.00	0 - 09:47 hrs	0.00	19.24	0.00	2.82	75.71	2.57	3.10	0.00	0.00	0.04	0.20	0 - 09:47 hrs
682	☐	SWMH-K8-009	5.50	97.38	w Maximum	0.00	0 - 09:47 hrs	27.10	34.07	1.13	2.98	168.67	2.61	3.00	0.00	0.15	0.48	26.88	0 - 09:59 hrs
683	☐	SWMH-K8-010	5.20	97.64	Surcharged	0.00	0 - 09:47 hrs	0.00	14.02	0.00	1.85	98.84	2.58	2.95	0.00	0.00	0.00	5.92	0 - 09:47 hrs
684	☐	SWMH-K8-011	5.00	98.25	w Maximum	0.00	0 - 09:48 hrs	0.00	14.86	0.00	1.85	31.42	2.39	2.75	0.00	0.00	0.00	6.19	0 - 09:48 hrs
685	☐	SWMH-K8-012	5.25	91.59	w Maximum	0.00	0 - 09:51 hrs	0.00	28.98	0.00	2.79	546.46	1.50	2.75	0.00	0.00	0.00	4.63	0 - 09:51 hrs
686	☐	SWMH-K8-013	4.93	91.99	w Maximum	0.00	0 - 09:49 hrs	29.22	39.46	1.27	2.88	157.19	1.64	2.43	0.00	0.10	0.36	19.58	0 - 09:59 hrs

FUTURE CONDITIONS 20-YR 24-HR JUNCTIONS

		ID	Maximum Depth (ft)	Maximum HGL (ft)	Maximum HGL Head Class	Freeboard (ft)	Max.Depth Day-Time (day-time)	Maximum Lateral Inflow (cfs)	Maximum Total Inflow (cfs)	Lateral Inflow Volume (MG)	Total Inflow Volume (MG)	Flow Volume Difference (MG)	Total Surcharge Time (hrs)	Max.Surchar ge Height Above Crown	Min.Surchar ge Depth Below Rim (ft)	Total Flood Volume (MG)	Total Flood Time (hrs)	Maximum Flood Rate (cfs)	Max.Flood Day-Time (day-time)
687	☐	SWMH-K8-014	4.74	92.29	Surcharged	0.00	0 - 09:51 hrs	0.00	17.50	0.00	1.62	113.76	1.45	2.24	0.00	0.00	0.01	4.06	0 - 09:51 hrs
688	☐	SWMH-K8-015	6.08	104.27	Maximum	0.92	0 - 09:59 hrs	37.88	56.01	1.75	6.03	760.65	5.46	3.03	0.92	0.00	0.00	0.00	0 - 00:00 hrs
689	☐	SWMH-K8-017	6.40	105.21	Surcharged	0.00	0 - 09:48 hrs	55.05	55.05	2.63	2.63	0.00	5.55	3.90	0.00	0.30	0.73	36.84	0 - 09:59 hrs
690	☐	SWMH-K8-018	10.45	107.89	Maximum	0.00	0 - 09:52 hrs	0.00	37.44	0.00	5.61	103.42	5.24	7.90	0.00	0.00	0.07	0.04	0 - 10:03 hrs
691	☐	SWMH-K8-019	4.32	98.35	Maximum	0.00	0 - 09:47 hrs	49.44	49.44	2.37	2.37	0.00	4.33	2.57	0.00	0.52	1.17	42.42	0 - 09:59 hrs
692	☐	SWMH-K8-021	5.75	95.82	Surcharged	0.00	0 - 09:47 hrs	0.00	1.65	0.00	0.00	0.00	2.47	4.25	0.00	0.00	0.00	0.33	0 - 09:47 hrs
693	☐	SWMH-K8-024	4.80	103.78	Maximum	0.00	0 - 09:41 hrs	0.00	56.04	0.00	3.08	-104.96	5.33	2.30	0.00	1.13	1.68	56.01	0 - 09:59 hrs
694	☐	SWMH-K9-001	10.65	108.29	Surcharged	0.00	0 - 09:48 hrs	0.00	37.47	0.00	5.61	-66.93	5.21	8.10	0.00	0.00	0.15	0.43	0 - 09:48 hrs
695	☐	SWMH-K9-002	10.70	108.50	Surcharged	0.00	0 - 09:48 hrs	41.15	104.33	1.75	6.33	245.29	4.85	7.35	0.00	0.71	1.13	66.90	0 - 09:59 hrs
696	☐	SWMH-K9-006	8.94	115.30	Surcharged	0.00	0 - 09:51 hrs	41.41	41.41	1.70	1.70	0.00	1.63	6.94	0.00	0.11	0.38	21.05	0 - 09:59 hrs
697	☐	SWMH-K9-011	8.87	114.00	Maximum	0.00	0 - 09:52 hrs	0.00	20.66	0.00	1.59	-335.88	1.77	6.87	0.00	0.01	0.43	1.33	0 - 10:11 hrs
698	☐	SWMH-K9-012	8.91	113.50	Maximum	0.00	0 - 09:52 hrs	19.60	38.58	0.70	2.28	100.26	1.84	6.91	0.00	0.15	0.57	19.06	0 - 09:59 hrs
699	☐	SWMH-K9-016	9.12	111.00	Maximum	0.18	0 - 09:56 hrs	0.00	30.54	0.00	2.13	156.07	2.00	6.62	0.18	0.00	0.00	0.00	0 - 00:00 hrs
700	☐	SWMH-K9-018	8.87	125.25	Maximum	1.43	0 - 09:56 hrs	0.00	56.66	0.00	4.16	-64.15	0.50	5.32	1.43	0.00	0.00	0.00	0 - 00:00 hrs
701	☐	SWMH-K9-019	12.04	124.29	Surcharged	-1.23	0 - 09:56 hrs	11.56	63.17	0.41	4.57	1,564.50	0.67	9.04	0.00	0.00	0.00	0.00	0 - 00:00 hrs
702	☐	SWMH-K9-020	12.83	120.85	Surcharged	-1.58	0 - 09:53 hrs	0.00	63.16	0.00	4.56	-499.03	1.66	9.82	0.00	0.00	0.00	0.00	0 - 00:00 hrs
703	☐	SWMH-K9-021	15.91	119.64	Surcharged	-5.00	0 - 09:51 hrs	0.00	63.17	0.00	4.56	-555.74	3.09	12.91	0.00	0.00	0.00	13.19	0 - 09:51 hrs
704	☐	SWMH-L1-001	8.61	40.23	Maximum	0.00	0 - 09:49 hrs	21.63	44.62	0.94	5.88	6,182.37	32.20	5.11	0.00	0.14	0.44	22.69	0 - 09:59 hrs
705	☐	SWMH-L1-002	8.76	41.08	Maximum	0.24	0 - 09:59 hrs	0.00	30.44	0.00	5.07	4,828.08	31.46	5.26	0.24	0.00	0.00	0.00	0 - 00:00 hrs
706	☐	SWMH-L1-003	8.43	41.32	Maximum	0.00	0 - 09:56 hrs	30.91	30.91	1.42	1.42	0.00	22.81	4.93	0.00	0.00	0.05	0.67	0 - 09:59 hrs
707	☐	SWMH-L2-001	6.63	45.00	Maximum	0.00	0 - 08:52 hrs	68.08	89.57	3.33	5.83	608.21	11.56	4.13	0.00	1.53	3.12	74.16	0 - 10:03 hrs
708	☐	SWMH-L2-002	6.65	45.71	Surcharged	0.00	0 - 08:52 hrs	29.03	35.78	1.34	2.59	45.09	10.66	4.15	0.00	0.09	0.47	14.25	0 - 09:59 hrs
709	☐	SWMH-L2-003	5.88	46.13	Maximum	0.00	0 - 09:44 hrs	0.00	9.06	0.00	1.29	312.23	9.60	3.82	0.00	0.04	1.01	2.30	0 - 10:03 hrs
710	☐	SWMH-L2-004	5.64	46.68	Maximum	0.00	0 - 09:44 hrs	0.00	9.06	0.00	1.29	26.01	8.74	3.54	0.00	0.00	0.38	0.01	0 - 10:45 hrs
711	☐	SWMH-L2-005	5.20	47.14	Maximum	0.00	0 - 09:44 hrs	0.00	12.26	0.00	1.36	208.61	7.70	3.10	0.00	0.07	0.99	3.21	0 - 10:26 hrs
712	☐	SWMH-L2-006	9.64	44.24	Maximum	6.65	0 - 09:56 hrs	0.00	40.40	0.00	2.85	3,724.85	47.66	6.14	6.65	0.00	0.00	0.00	0 - 00:00 hrs
713	☐	SWMH-L2-007	7.75	44.98	Maximum	0.00	0 - 09:45 hrs	26.05	27.59	1.20	2.68	1,278.15	1.93	4.25	0.00	0.00	0.00	0.81	0 - 09:45 hrs
714	☐	SWMH-L2-008	5.70	44.62	Maximum	0.00	0 - 09:45 hrs	35.21	35.21	1.71	1.71	0.00	2.40	3.70	0.00	0.24	0.61	30.35	0 - 10:03 hrs
715	☐	SWMH-L2-012	6.30	44.50	Maximum	0.00	0 - 09:45 hrs	0.00	15.74	0.00	1.48	176.33	2.64	4.25	0.00	0.02	0.20	7.12	0 - 09:59 hrs
716	☐	SWMH-L3-001	4.40	44.76	Flow Link Cross	7.30	0 - 10:04 hrs	26.81	68.77	1.15	3.25	1,153.28	0.00	0.00	0.00	0.00	0.00	0.00	0 - 00:00 hrs
717	☐	SWMH-L3-002	4.07	45.15	Maximum	6.53	0 - 10:03 hrs	0.00	1.92	0.00	0.02	75.65	0.04	0.07	6.53	0.00	0.00	0.00	0 - 00:00 hrs
718	☐	SWMH-L3-003	5.12	45.12	Flow Link Cross	6.61	0 - 10:04 hrs	0.00	44.15	0.00	2.13	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0 - 00:00 hrs
719	☐	SWMH-L3-004	4.17	45.48	Maximum	6.58	0 - 10:03 hrs	0.00	44.49	0.00	2.06	-391.22	0.15	0.32	6.58	0.00	0.00	0.00	0 - 00:00 hrs
720	☐	SWMH-L3-005	5.35	48.08	Maximum	0.00	0 - 09:48 hrs	0.00	12.27	0.00	1.36	80.19	6.97	3.30	0.00	0.00	0.02	0.02	0 - 10:03 hrs
721	☐	SWMH-L3-006	5.25	49.73	Maximum	0.00	0 - 09:44 hrs	0.00	12.77	0.00	1.38	37.60	2.86	3.05	0.00	0.01	0.69	0.53	0 - 10:02 hrs
722	☐	SWMH-L3-007	5.25	50.67	Maximum	0.00	0 - 09:44 hrs	33.81	33.81	1.54	1.54	0.00	2.45	3.25	0.00	0.16	0.67	21.00	0 - 09:59 hrs
723	☐	SWMH-L3-008	6.48	48.24	Maximum	0.62	0 - 09:59 hrs	0.00	20.22	0.00	5.91	294.35	7.42	3.93	0.62	0.00	0.00	0.00	0 - 00:00 hrs
724	☐	SWMH-L3-009	6.65	48.81	Maximum	0.00	0 - 09:45 hrs	0.00	25.72	0.00	6.02	882.55	8.04	4.15	0.00	0.10	0.70	8.09	0 - 09:59 hrs
725	☐	SWMH-L3-010	5.54	45.29	Maximum	6.41	0 - 10:03 hrs	0.00	44.13	0.00	2.09	275.50	0.18	0.39	6.41	0.00	0.00	0.00	0 - 00:00 hrs
726	☐	SWMH-L3-011	5.83	46.05	Maximum	7.07	0 - 10:03 hrs	0.00	47.50	0.00	2.07	592.14	0.17	0.56	7.07	0.00	0.00	0.00	0 - 00:00 hrs
727	☐	SWMH-L3-013	8.02	51.60	Maximum	0.00	0 - 09:53 hrs	45.53	53.18	2.17	6.33	334.66	7.62	5.52	0.00	0.08	0.32	15.76	0 - 10:03 hrs
728	☐	SWMH-L3-014	7.99	51.62	Maximum	0.00	0 - 09:55 hrs	0.00	12.73	0.00	3.24	460.97	8.57	5.99	0.00	0.00	0.01	0.03	0 - 10:03 hrs
729	☐	SWMH-L3-015	5.95	50.47	Maximum	0.10	0 - 10:07 hrs	0.00	16.52	0.00	3.77	129.29	9.61	3.84	0.10	0.00	0.00	0.00	0 - 00:00 hrs
730	☐	SWMH-L3-016	7.50	52.38	Maximum	0.00	0 - 09:08 hrs	32.86	32.86	1.33	1.33	48.87	7.17	5.50	0.00	0.19	0.60	25.17	0 - 09:59 hrs
731	☐	SWMH-L3-019	8.46	46.85	Maximum	3.49	0 - 10:03 hrs	0.00	26.18	0.00	1.25	1,106.79	0.66	2.31	3.49	0.00	0.00	0.00	0 - 00:00 hrs
732	☐	SWMH-L3-020	8.16	46.88	Maximum	3.74	0 - 10:03 hrs	20.44	46.50	0.85	2.09	1,955.83	0.67	2.37	3.74	0.00	0.00	0.00	0 - 00:00 hrs
733	☐	SWMH-L4-001	7.61	46.59	Maximum	2.34	0 - 09:55 hrs	0.00	34.85	0.00	6.66	3,797.81	47.54	3.92	2.34	0.00	0.00	0.00	0 - 00:00 hrs
734	☐	SWMH-L4-002	7.25	46.39	Maximum	0.00	0 - 09:41 hrs	0.00	57.83	0.00	5.93	1,208.34	47.52	3.49	0.00	0.82	1.26	57.79	0 - 09:59 hrs
735	☐	SWMH-L4-003	7.43	46.88	Maximum	2.77	0 - 09:59 hrs	0.00	49.95	0.00	5.91	2,168.57	46.22	3.74	2.77	0.00	0.00	0.00	0 - 00:00 hrs

FUTURE CONDITIONS 20-YR 24-HR JUNCTIONS

		ID	Maximum Depth (ft)	Maximum HGL (ft)	Maximum HGL Head Class	Freeboard (ft)	Max.Depth Day-Time (day-time)	Maximum Lateral Inflow (cfs)	Maximum Total Inflow (cfs)	Lateral Inflow Volume (MG)	Total Inflow Volume (MG)	Flow Volume Difference (MG)	Total Surcharge Time (hrs)	Max.Surchar ge Height Above Crown	Min.Surchar ge Depth Below Rim	Total Flood Volume (MG)	Total Flood Time (hrs)	Maximum Flood Rate (cfs)	Max.Flood Day-Time (day-time)
736	☐	SWMH-L4-005	7.66	47.59	w Maximum	3.79	0 - 09:59 hrs	0.00	49.94	0.00	5.88	2,235.71	16.26	4.16	3.79	0.00	0.00	0.00	0 - 00:00 hrs
737	☐	SWMH-L4-008	7.57	46.83	w Maximum	1.83	0 - 09:56 hrs	0.00	34.70	0.00	1.53	1,359.85	47.53	3.96	1.83	0.00	0.00	0.00	0 - 00:00 hrs
738	☐	SWMH-L4-009	7.48	46.95	w Maximum	2.60	0 - 09:56 hrs	0.00	34.75	0.00	1.51	1,558.77	47.50	3.98	2.60	0.00	0.00	0.00	0 - 00:00 hrs
739	☐	SWMH-L4-010	3.41	44.08	low Link Cro	7.34	0 - 10:04 hrs	0.00	68.66	0.00	3.26	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0 - 00:00 hrs
740	☐	SWMH-L4-011	4.08	44.63	w Maximum	8.42	0 - 10:03 hrs	0.00	68.67	0.00	3.25	468.50	0.07	0.08	8.42	0.00	0.00	0.00	0 - 00:00 hrs
741	☐	SWMH-L4-013	8.14	46.40	w Maximum	1.98	0 - 09:59 hrs	0.00	45.04	0.00	6.66	3,268.27	47.66	4.64	1.98	0.00	0.00	0.00	0 - 00:00 hrs
742	☐	SWMH-L4-014	6.47	48.93	w Maximum	1.75	0 - 10:02 hrs	0.00	38.91	0.00	5.07	660.94	3.22	3.00	1.75	0.00	0.00	0.00	0 - 00:00 hrs
743	☐	SWMH-L4-015	7.24	50.06	w Maximum	0.46	0 - 10:00 hrs	10.40	19.63	0.40	2.58	189.77	4.77	4.96	0.46	0.00	0.00	0.00	0 - 00:00 hrs
744	☐	SWMH-L4-016	6.68	52.14	w Maximum	0.27	0 - 09:57 hrs	29.69	29.69	1.31	2.53	161.65	2.61	4.26	0.27	0.00	0.00	0.00	0 - 00:00 hrs
745	☐	SWMH-L4-017	4.90	51.40	Surcharged	0.00	0 - 09:45 hrs	0.00	9.79	0.00	1.26	36.25	2.40	2.65	0.00	0.01	0.18	3.72	0 - 09:45 hrs
746	☐	SWMH-L4-018	4.55	51.56	w Maximum	0.25	0 - 09:48 hrs	0.00	17.14	0.00	1.41	-93.74	2.22	2.30	0.25	0.00	0.00	0.00	0 - 00:00 hrs
747	☐	SWMH-L4-019	7.57	47.22	w Maximum	2.93	0 - 09:56 hrs	34.72	34.72	1.50	1.50	0.00	24.21	3.91	2.93	0.00	0.00	0.00	0 - 00:00 hrs
748	☐	SWMH-L4-020	7.13	49.86	w Maximum	0.67	0 - 10:03 hrs	11.40	26.18	0.46	1.25	356.11	0.95	5.13	0.67	0.00	0.00	0.00	0 - 00:00 hrs
749	☐	SWMH-L4-021	8.88	52.22	Surcharged	0.00	0 - 09:52 hrs	18.02	18.02	0.80	0.80	0.00	0.98	6.88	0.00	0.01	0.16	3.55	0 - 10:03 hrs
750	☐	SWMH-L4-022	5.77	50.52	w Maximum	1.15	0 - 09:56 hrs	0.00	20.96	0.00	2.49	330.77	2.83	3.51	1.15	0.00	0.00	0.00	0 - 00:00 hrs
751	☐	SWMH-L4-030	6.33	50.83	w Maximum	0.00	0 - 09:49 hrs	51.55	51.55	2.57	2.57	0.00	2.63	3.35	0.00	0.21	0.58	29.00	0 - 10:03 hrs
752	☐	SWMH-L4-031	6.85	49.97	w Maximum	0.00	0 - 09:45 hrs	0.00	22.54	0.00	2.36	102.66	4.06	4.55	0.00	0.19	0.79	14.96	0 - 09:59 hrs
753	☐	SWMH-L4-032	4.00	51.13	Surcharged	0.00	0 - 09:45 hrs	0.00	17.12	0.00	0.19	0.00	2.29	2.00	0.00	0.19	0.80	17.11	0 - 10:02 hrs
754	☐	SWMH-L5-004	10.00	44.44	w Maximum	0.00	0 - 00:00 hrs	0.00	94.33	0.00	2.42	2,010.28	47.98	5.00	0.00	0.01	0.02	75.10	0 - 00:00 hrs
755	☐	SWMH-L5-005	8.20	45.90	Surcharged	0.00	0 - 00:01 hrs	0.00	51.92	0.00	2.41	1,565.92	47.95	5.45	0.00	0.00	0.00	9.39	0 - 00:01 hrs
756	☐	SWMH-L5-006	7.45	45.48	w Maximum	0.00	0 - 00:01 hrs	0.00	54.40	0.00	2.40	886.51	47.93	4.45	0.00	0.00	0.00	21.22	0 - 00:01 hrs
757	☐	SWMH-L5-007	7.35	46.13	w Maximum	0.00	0 - 00:03 hrs	0.00	29.99	0.00	2.38	1,495.34	47.88	4.85	0.00	0.00	0.00	14.56	0 - 00:03 hrs
758	☐	SWMH-L5-009	6.10	45.58	w Maximum	0.00	0 - 00:03 hrs	58.13	58.13	2.81	2.82	-75.79	47.88	3.45	0.00	0.03	0.20	11.82	0 - 00:03 hrs
759	☐	SWMH-L5-010	6.35	46.93	Surcharged	0.00	0 - 00:01 hrs	0.00	57.47	0.00	5.52	2,582.91	47.92	2.85	0.00	0.00	0.00	26.25	0 - 00:01 hrs
760	☐	SWMH-L5-012	6.04	47.78	w Maximum	0.48	0 - 09:59 hrs	23.08	57.47	0.91	5.85	-4,399.98	2.56	2.54	0.48	0.00	0.00	0.00	0 - 00:00 hrs
761	☐	SWMH-L5-013	4.80	47.91	w Maximum	0.00	0 - 09:51 hrs	0.00	50.00	0.00	4.58	721.91	1.85	1.80	0.00	0.10	0.50	14.73	0 - 09:59 hrs
762	☐	SWMH-L5-014	6.31	50.06	w Maximum	4.52	0 - 09:52 hrs	0.00	49.99	0.00	4.54	418.06	1.75	3.03	4.52	0.00	0.00	0.00	0 - 00:00 hrs
763	☐	SWMH-L5-015	6.57	50.98	w Maximum	2.23	0 - 09:56 hrs	24.73	50.00	0.96	4.53	92.40	1.77	3.57	2.23	0.00	0.00	0.00	0 - 00:00 hrs
764	☐	SWMH-L5-016	6.15	51.95	w Maximum	1.83	0 - 09:52 hrs	0.00	47.53	0.00	3.73	-498.59	1.40	3.14	1.83	0.00	0.00	0.00	0 - 00:00 hrs
765	☐	SWMH-L5-017	6.70	53.56	w Maximum	0.00	0 - 09:52 hrs	44.96	47.52	2.09	3.73	14.04	1.23	3.70	0.00	0.00	0.00	11.26	0 - 09:52 hrs
766	☐	SWMH-L5-018	6.05	53.09	w Maximum	0.00	0 - 09:52 hrs	0.00	31.93	0.00	1.85	50.14	1.36	3.80	0.00	0.21	0.42	30.30	0 - 10:03 hrs
767	☐	SWMH-L5-019	9.97	50.42	w Maximum	0.00	0 - 09:56 hrs	37.89	42.05	1.73	3.28	535.07	47.99	7.97	0.00	0.01	0.14	3.52	0 - 09:59 hrs
768	☐	SWMH-L5-020	7.60	49.90	Surcharged	0.00	0 - 09:47 hrs	0.00	17.17	0.00	1.59	548.82	47.93	5.60	0.00	0.00	0.04	0.06	0 - 10:03 hrs
769	☐	SWMH-L5-021	6.15	50.00	w Maximum	0.00	0 - 00:05 hrs	0.00	12.40	0.00	1.81	363.74	47.82	4.15	0.00	0.20	1.77	6.31	0 - 10:12 hrs
770	☐	SWMH-L5-022	6.15	50.26	Surcharged	0.00	0 - 00:05 hrs	44.50	44.50	2.11	2.11	0.00	47.82	4.15	0.00	0.31	0.94	32.09	0 - 10:03 hrs
771	☐	SWMH-L5-028	6.27	33.59	Surcharged	-1.09	0 - 04:07 hrs	0.00	8.76	0.00	4.05	1,140.01	39.79	4.26	0.00	0.00	0.00	0.00	0 - 00:00 hrs
772	☐	SWMH-L5-036	3.45	45.98	w Maximum	0.00	0 - 00:03 hrs	0.00	7.69	0.00	0.01	0.00	29.82	1.95	0.00	0.00	0.01	6.90	0 - 00:03 hrs
773	☐	SWMH-L5-037	4.75	45.15	w Maximum	0.00	0 - 00:01 hrs	0.00	8.13	0.00	0.00	0.00	47.91	3.75	0.00	0.00	0.01	7.38	0 - 00:01 hrs
774	☐	SWMH-L5-038	9.58	44.15	w Maximum	0.00	0 - 00:00 hrs	0.00	103.15	0.00	2.42	0.00	47.98	4.63	0.00	0.00	0.01	13.21	0 - 00:00 hrs
775	☐	SWMH-L5-039	5.68	51.11	w Maximum	0.00	0 - 09:51 hrs	0.00	47.53	0.00	3.73	96.48	1.45	2.68	0.00	0.16	0.50	22.20	0 - 09:59 hrs
776	☐	SWMH-L6-001	6.15	58.14	w Maximum	0.00	0 - 09:53 hrs	0.00	39.72	0.00	1.88	12.69	0.93	3.90	0.00	0.03	0.21	8.43	0 - 09:53 hrs
777	☐	SWMH-L6-002	1.75	55.65	low Link Cro	9.43	0 - 09:59 hrs	0.00	28.22	0.00	1.25	8.56	0.00	0.00	0.00	0.00	0.00	0.00	0 - 00:00 hrs
778	☐	SWMH-L6-003	1.69	64.21	low Link Cro	4.36	0 - 10:03 hrs	27.33	27.33	1.18	1.18	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0 - 00:00 hrs
779	☐	SWMH-L6-004	1.49	59.28	low Link Cro	8.16	0 - 09:59 hrs	0.00	28.31	0.00	1.25	71.27	0.00	0.00	0.00	0.00	0.00	0.00	0 - 00:00 hrs
780	☐	SWMH-L6-005	1.30	66.63	low Link Cro	6.30	0 - 09:59 hrs	28.72	28.72	1.25	1.25	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0 - 00:00 hrs
781	☐	SWMH-L6-006	2.22	56.05	low Link Cro	10.83	0 - 10:04 hrs	6.38	125.01	0.21	9.40	246.14	0.00	0.00	0.00	0.00	0.00	0.00	0 - 00:00 hrs
782	☐	SWMH-L6-007	3.25	59.01	low Link Cro	5.99	0 - 09:56 hrs	0.00	73.09	0.00	6.86	292.84	0.00	0.00	0.00	0.00	0.00	0.00	0 - 00:00 hrs
783	☐	SWMH-L6-008	5.00	71.94	Surcharged	0.00	0 - 09:57 hrs	0.00	76.73	0.00	6.86	100.91	0.53	2.00	0.00	0.00	0.00	4.18	0 - 09:57 hrs
784	☐	SWMH-L6-010	14.44	45.77	Surcharged	0.00	0 - 09:53 hrs	16.52	372.35	0.60	31.62	82,396.13	28.18	8.10	0.00	0.00	0.00	29.62	0 - 09:53 hrs

FUTURE CONDITIONS 20-YR 24-HR JUNCTIONS

		ID	Maximum Depth (ft)	Maximum HGL (ft)	Maximum HGL Head Class	Freeboard (ft)	Max.Depth Day-Time (day-time)	Maximum Lateral Inflow (cfs)	Maximum Total Inflow (cfs)	Lateral Inflow Volume (MG)	Total Inflow Volume (MG)	Flow Volume Difference (MG)	Total Surcharge Time (hrs)	Max.Surchar ge Height Above Crown	Min.Surchar ge Depth Below Rim	Total Flood Volume (MG)	Total Flood Time (hrs)	Maximum Flood Rate (cfs)	Max.Flood Day-Time (day-time)
785	☐	SWMH-L6-011	9.81	46.33	w Maximum	1.59	0 - 09:53 hrs	0.00	98.84	0.00	9.43	1,146.38	28.19	6.34	1.59	0.00	0.00	0.00	0 - 00:00 hrs
786	☐	SWMH-L6-012	4.94	48.01	w Maximum	13.56	0 - 09:59 hrs	0.00	8.40	0.00	0.00	0.00	0.44	1.94	13.56	0.00	0.00	0.00	0 - 00:00 hrs
787	☐	SWMH-L6-014	9.03	36.83	Surcharged	-4.33	0 - 04:07 hrs	0.00	8.78	0.00	4.05	1,163.43	39.78	7.03	0.00	0.00	0.00	0.00	0 - 00:00 hrs
788	☐	SWMH-L6-015	7.99	47.58	w Maximum	3.96	0 - 09:56 hrs	0.00	98.88	0.00	9.45	1,856.62	1.96	4.66	3.96	0.00	0.00	0.00	0 - 00:00 hrs
789	☐	SWMH-L6-016	1.91	71.87	low Link Cro	6.41	0 - 09:59 hrs	32.92	32.92	1.54	1.54	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0 - 00:00 hrs
790	☐	SWMH-L6-017	5.41	48.77	low Link Cro	15.19	0 - 10:04 hrs	0.00	178.76	0.00	11.83	581.16	0.00	0.00	0.00	0.00	0.00	0.00	0 - 00:00 hrs
791	☐	SWMH-L7-001	6.00	86.46	w Maximum	0.00	0 - 09:53 hrs	20.92	31.39	0.90	4.22	185.39	2.52	3.50	0.00	0.00	0.06	0.33	0 - 09:59 hrs
792	☐	SWMH-L7-002	5.43	86.46	w Maximum	0.00	0 - 09:48 hrs	40.77	51.96	1.95	3.80	221.90	2.60	2.93	0.00	0.49	0.94	47.71	0 - 09:59 hrs
793	☐	SWMH-L7-003	5.28	86.96	w Maximum	0.00	0 - 09:48 hrs	0.00	12.66	0.00	1.86	132.07	2.60	3.03	0.00	0.00	0.20	0.20	0 - 09:48 hrs
794	☐	SWMH-L7-007	0.97	80.34	low Link Cro	2.66	0 - 10:02 hrs	0.00	21.09	0.00	2.72	39.46	0.00	0.00	0.00	0.00	0.00	0.00	0 - 00:00 hrs
795	☐	SWMH-L7-008	3.84	83.79	Surcharged	0.00	0 - 09:48 hrs	17.57	39.72	0.70	2.93	1,024.59	2.56	1.34	0.00	0.21	0.86	18.61	0 - 09:59 hrs
796	☐	SWMH-L7-009	3.84	83.95	w Maximum	0.00	0 - 09:48 hrs	0.00	30.22	0.00	2.32	102.09	2.45	1.34	0.00	0.09	0.67	8.06	0 - 09:59 hrs
797	☐	SWMH-L7-010	4.41	84.96	w Maximum	0.07	0 - 09:59 hrs	0.00	30.25	0.00	2.32	97.09	2.20	1.91	0.07	0.00	0.00	0.00	0 - 00:00 hrs
798	☐	SWMH-L7-011	3.89	85.10	w Maximum	0.00	0 - 09:48 hrs	0.00	24.01	0.00	1.92	48.13	1.94	1.39	0.00	0.03	0.44	5.46	0 - 09:48 hrs
799	☐	SWMH-L7-012	4.00	86.58	Surcharged	0.00	0 - 09:51 hrs	0.00	24.02	0.00	1.92	51.30	1.22	1.50	0.00	0.00	0.00	4.38	0 - 09:51 hrs
800	☐	SWMH-L7-013	4.60	87.75	Surcharged	0.00	0 - 09:51 hrs	0.00	24.00	0.00	1.92	130.54	1.29	2.35	0.00	0.00	0.00	4.12	0 - 09:51 hrs
801	☐	SWMH-L7-014	5.00	88.63	w Maximum	0.00	0 - 09:51 hrs	42.81	42.81	2.02	2.02	0.00	1.32	2.75	0.00	0.10	0.38	18.77	0 - 09:59 hrs
802	☐	SWMH-L7-017	4.50	85.78	w Maximum	0.00	0 - 09:48 hrs	11.19	11.19	0.44	0.44	0.00	2.07	2.50	0.00	0.00	0.00	1.34	0 - 09:48 hrs
803	☐	SWMH-L7-020	7.20	86.23	Surcharged	0.00	0 - 09:48 hrs	39.48	39.48	1.75	1.75	0.00	2.46	5.20	0.00	0.37	0.88	36.30	0 - 09:59 hrs
804	☐	SWMH-L7-024	1.79	78.42	low Link Cro	2.63	0 - 09:56 hrs	11.56	32.65	0.46	3.17	322.61	0.00	0.00	0.00	0.00	0.00	0.00	0 - 00:00 hrs
805	☐	SWMH-L7-025	3.90	78.37	w Maximum	0.00	0 - 09:40 hrs	31.00	31.00	1.53	1.53	0.00	9.05	2.65	0.00	0.38	1.74	28.48	0 - 09:59 hrs
806	☐	SWMH-L7-026	3.98	77.78	w Maximum	0.00	0 - 09:56 hrs	20.64	54.14	0.89	5.20	338.91	0.55	0.98	0.00	0.04	0.21	9.40	0 - 09:56 hrs
807	☐	SWMH-L7-029	7.69	86.44	w Maximum	0.21	0 - 09:55 hrs	0.00	15.20	0.00	1.38	72.91	2.55	5.69	0.21	0.00	0.00	0.00	0 - 00:00 hrs
808	☐	SWMH-L8-001	10.49	94.70	w Maximum	0.11	0 - 09:56 hrs	10.83	100.52	0.41	9.77	381.43	1.63	5.94	0.11	0.00	0.00	0.00	0 - 00:00 hrs
809	☐	SWMH-L8-002	8.91	94.43	Surcharged	0.00	0 - 09:57 hrs	0.00	96.13	0.00	9.54	653.44	1.44	4.41	0.00	0.17	0.27	52.58	0 - 09:57 hrs
810	☐	SWMH-L8-005	5.90	96.75	w Maximum	0.00	0 - 09:59 hrs	24.06	47.89	0.94	7.13	752.69	4.20	2.40	0.00	0.00	0.02	9.32	0 - 09:59 hrs
811	☐	SWMH-L8-007	4.08	93.19	Surcharged	0.00	0 - 09:49 hrs	42.05	42.05	1.89	1.89	0.00	1.70	2.08	0.00	0.27	0.67	31.76	0 - 09:59 hrs
812	☐	SWMH-L8-008	8.70	95.82	w Maximum	0.00	0 - 09:57 hrs	60.90	60.90	2.44	2.44	0.00	1.18	4.54	0.00	0.01	0.02	34.41	0 - 09:57 hrs
813	☐	SWMH-L9-002	8.98	110.09	Surcharged	0.00	0 - 09:52 hrs	0.00	30.53	0.00	2.12	70.38	2.32	6.48	0.00	0.11	0.58	17.54	0 - 09:52 hrs
814	☐	SWMH-L9-003	10.10	109.91	Surcharged	0.00	0 - 09:52 hrs	32.91	42.46	1.44	3.45	351.82	2.97	7.60	0.00	0.05	0.28	11.49	0 - 09:59 hrs
815	☐	SWMH-L9-004	10.01	109.61	w Maximum	0.00	0 - 09:52 hrs	0.00	39.66	0.00	3.41	-129.14	3.08	7.51	0.00	0.00	0.06	4.65	0 - 09:52 hrs
816	☐	SWMH-L9-010	9.41	115.86	w Maximum	0.00	0 - 09:55 hrs	25.00	25.00	1.00	1.00	0.00	0.90	7.41	0.00	0.02	0.21	6.96	0 - 09:59 hrs
817	☐	SWMH-L9-011	10.04	116.21	w Maximum	0.00	0 - 09:55 hrs	0.00	18.05	0.00	0.98	-271.05	0.93	8.04	0.00	0.00	0.00	0.69	0 - 09:55 hrs
818	☐	SWMH-L9-012	10.47	115.63	w Maximum	0.18	0 - 09:55 hrs	0.00	18.03	0.00	0.98	-195.20	1.07	8.47	0.18	0.00	0.00	0.00	0 - 00:00 hrs
819	☐	SWMH-L9-014	10.50	115.00	w Maximum	0.00	0 - 09:55 hrs	0.00	18.03	0.00	0.98	-0.51	1.15	8.50	0.00	0.00	0.00	6.09	0 - 09:55 hrs
820	☐	SWMH-L9-015	10.31	113.11	w Maximum	0.00	0 - 09:55 hrs	0.00	18.03	0.00	0.98	24.34	1.32	8.31	0.00	0.00	0.00	5.56	0 - 09:55 hrs
821	☐	SWMH-L9-016	9.86	111.26	Surcharged	0.00	0 - 09:53 hrs	0.00	18.03	0.00	0.98	226.91	1.67	7.86	0.00	0.00	0.00	5.98	0 - 09:53 hrs
822	☐	SWMH-L9-017	7.30	106.11	w Maximum	0.00	0 - 09:52 hrs	0.00	18.03	0.00	0.98	-152.25	3.80	5.29	0.00	0.06	0.37	15.81	0 - 09:52 hrs
823	☐	SWMH-L9-026	11.50	108.11	w Maximum	0.00	0 - 09:56 hrs	0.00	39.61	0.00	3.41	75.82	5.99	9.00	0.00	0.00	0.09	0.04	0 - 10:03 hrs
824	☐	SWMH-L9-027	11.89	107.61	w Maximum	0.00	0 - 09:53 hrs	0.00	39.61	0.00	3.40	90.15	6.94	9.39	0.00	0.02	0.31	2.33	0 - 10:00 hrs
825	☐	SWMH-L9-029	11.67	106.91	Surcharged	0.00	0 - 09:56 hrs	0.00	39.62	0.00	3.39	45.62	7.45	9.16	0.00	0.00	0.04	0.06	0 - 09:56 hrs
826	☐	SWMH-L9-030	11.40	106.31	Surcharged	0.00	0 - 09:55 hrs	46.20	74.81	1.98	5.37	177.03	6.56	7.90	0.00	0.05	0.24	13.35	0 - 09:59 hrs
827	☐	SWMH-L9-031	10.79	104.87	w Maximum	0.14	0 - 09:52 hrs	0.00	92.98	0.00	6.97	-507.24	7.47	7.29	0.14	0.00	0.00	0.00	0 - 00:00 hrs
828	☐	SWMH-L9-032	10.64	104.61	w Maximum	0.00	0 - 09:52 hrs	0.00	92.95	0.00	6.97	-295.65	7.59	7.13	0.00	0.00	0.00	0.62	0 - 09:52 hrs
829	☐	SWMH-L9-033	9.98	102.91	Surcharged	0.00	0 - 09:52 hrs	0.00	92.99	0.00	6.97	-503.10	8.20	5.98	0.00	0.00	0.00	9.52	0 - 09:52 hrs
830	☐	SWMH-L9-034	9.71	102.46	w Maximum	0.00	0 - 09:52 hrs	0.00	93.02	0.00	6.97	88.10	8.43	5.71	0.00	0.00	0.00	0.59	0 - 09:52 hrs
831	☐	SWMH-L9-036	9.59	102.11	w Maximum	0.00	0 - 09:52 hrs	0.00	93.03	0.00	6.97	208.21	8.70	5.58	0.00	0.00	0.00	6.79	0 - 09:52 hrs
832	☐	SWMH-L9-047	11.22	105.71	w Maximum	0.00	0 - 09:59 hrs	19.97	93.01	0.73	6.97	338.16	7.00	7.71	0.00	0.00	0.01	0.08	0 - 10:03 hrs
833	☐	SWMH-L9-049	11.74	107.21	w Maximum	0.00	0 - 09:55 hrs	0.00	39.60	0.00	3.39	65.76	7.22	9.24	0.00	0.00	0.22	0.26	0 - 10:00 hrs

FUTURE CONDITIONS 20-YR 24-HR JUNCTIONS

		ID	Maximum Depth (ft)	Maximum HGL (ft)	Maximum HGL Head Class	Freeboard (ft)	Max.Depth Day-Time (day-time)	Maximum Lateral Inflow (cfs)	Maximum Total Inflow (cfs)	Lateral Inflow Volume (MG)	Total Inflow Volume (MG)	Flow Volume Difference (MG)	Total Surcharge Time (hrs)	Max.Surchar ge Height Above Ground	Min.Surchar ge Depth Below Rim (ft)	Total Flood Volume (MG)	Total Flood Time (hrs)	Maximum Flood Rate (cfs)	Max.Flood Day-Time (day-time)
834	☐	SWMH-M1-001	8.81	35.80	Surcharged	0.00	0 - 08:56 hrs	2.79	54.68	0.10	19.02	5,681.04	39.09	5.12	0.00	17.10	14.99	54.68	0 - 09:59 hrs
835	☐	SWMH-M1-003	8.83	39.04	Surcharged	0.00	0 - 09:41 hrs	52.15	74.05	2.64	8.34	8,066.90	33.65	5.33	0.00	0.59	1.26	46.15	0 - 10:03 hrs
836	☐	SWMH-M1-004	5.90	36.34	Surcharged	0.00	0 - 09:48 hrs	37.20	37.20	1.59	1.59	0.00	33.08	2.90	0.00	0.14	0.56	21.17	0 - 09:59 hrs
837	☐	SWMH-M1-006	6.98	36.06	Surcharged	0.00	0 - 09:41 hrs	0.00	16.01	0.00	1.43	2,909.64	35.32	3.85	0.00	0.00	0.25	0.06	0 - 10:02 hrs
838	☐	SWMH-M1-007	8.20	36.06	w Maximum	0.00	0 - 09:49 hrs	0.00	16.02	0.00	1.41	1,291.67	36.91	4.48	0.00	0.00	0.00	0.03	0 - 09:56 hrs
839	☐	SWMH-M1-008	8.45	35.82	w Maximum	0.00	0 - 09:02 hrs	0.00	37.52	0.00	9.85	1,747.21	39.30	5.25	0.00	9.40	14.82	37.24	0 - 10:21 hrs
840	☐	SWMH-M1-009	8.52	37.34	w Maximum	0.00	0 - 09:26 hrs	0.00	27.89	0.00	7.69	10,312.89	35.35	4.86	0.00	0.26	2.49	5.63	0 - 10:22 hrs
841	☐	SWMH-M2-001	5.78	40.01	Surcharged	0.00	0 - 08:26 hrs	30.55	53.17	1.28	5.65	2,604.14	31.50	3.78	0.00	1.97	5.26	53.13	0 - 09:59 hrs
842	☐	SWMH-M2-002	7.86	43.84	w Maximum	0.16	0 - 11:48 hrs	0.00	15.40	0.00	4.29	954.81	14.98	5.36	0.16	0.00	0.00	0.00	0 - 00:00 hrs
843	☐	SWMH-M2-005	6.80	41.91	w Maximum	0.04	0 - 09:48 hrs	0.00	26.22	0.00	3.08	1,866.84	22.41	4.05	0.04	0.00	0.00	0.00	0 - 00:00 hrs
844	☐	SWMH-M2-007	5.90	43.76	Surcharged	0.00	0 - 09:48 hrs	17.73	30.27	0.76	3.10	115.36	4.67	3.15	0.00	0.00	0.04	0.11	0 - 09:48 hrs
845	☐	SWMH-M2-008	5.05	44.26	w Maximum	0.00	0 - 09:47 hrs	0.00	17.41	0.00	2.37	-107.64	3.41	2.63	0.00	0.02	0.41	4.41	0 - 09:47 hrs
846	☐	SWMH-M2-009	5.05	45.34	w Maximum	0.00	0 - 09:48 hrs	30.53	35.32	1.47	2.53	550.87	2.69	2.80	0.00	0.16	0.67	19.22	0 - 10:03 hrs
847	☐	SWMH-M2-010	5.08	45.91	w Maximum	0.00	0 - 09:48 hrs	0.00	6.10	0.00	1.06	57.12	2.59	3.08	0.00	0.00	0.01	3.52	0 - 09:48 hrs
848	☐	SWMH-M2-012	4.30	40.74	Surcharged	0.00	0 - 09:42 hrs	0.00	2.98	0.00	0.09	0.00	24.33	3.05	0.00	0.09	1.73	2.98	0 - 09:57 hrs
849	☐	SWMH-M3-001	5.35	51.82	w Maximum	0.00	0 - 08:55 hrs	51.39	51.39	2.48	2.48	0.00	7.96	3.22	0.00	0.56	1.79	43.00	0 - 10:03 hrs
850	☐	SWMH-M3-002	5.32	46.70	w Maximum	0.00	0 - 09:48 hrs	0.00	6.00	0.00	1.06	239.96	2.73	3.57	0.00	0.00	0.00	4.03	0 - 09:48 hrs
851	☐	SWMH-M3-007	7.50	51.77	Surcharged	0.00	0 - 09:42 hrs	0.00	6.38	0.00	1.06	296.06	3.23	6.00	0.00	0.00	0.00	0.53	0 - 09:42 hrs
852	☐	SWMH-M3-008	6.70	51.66	Surcharged	0.00	0 - 09:59 hrs	27.58	29.49	1.08	3.85	179.71	9.08	4.50	0.00	0.00	0.00	0.01	0 - 09:59 hrs
853	☐	SWMH-M3-009	5.80	51.21	w Maximum	0.00	0 - 08:56 hrs	24.21	41.55	1.01	2.99	110.47	8.71	3.62	0.00	0.69	2.51	41.52	0 - 09:59 hrs
854	☐	SWMH-M3-010	6.10	51.66	w Maximum	0.00	0 - 09:44 hrs	14.14	14.14	0.57	0.57	14.52	9.38	4.60	0.00	0.10	0.83	12.20	0 - 09:59 hrs
855	☐	SWMH-M3-017	5.50	49.38	Surcharged	0.00	0 - 09:41 hrs	0.00	7.01	0.00	1.22	96.42	5.42	4.00	0.00	0.00	0.09	0.01	0 - 10:17 hrs
856	☐	SWMH-M3-018	4.98	50.12	Surcharged	0.00	0 - 09:41 hrs	34.47	34.47	1.62	1.62	0.00	5.10	3.48	0.00	0.39	1.60	29.60	0 - 09:59 hrs
857	☐	SWMH-M3-024	6.78	51.66	Surcharged	0.00	0 - 09:42 hrs	0.00	6.37	0.00	1.06	107.07	6.59	5.53	0.00	0.00	0.00	0.09	0 - 09:42 hrs
858	☐	SWMH-M4-002	4.69	54.29	w Maximum	0.21	0 - 09:48 hrs	0.00	14.00	0.00	1.61	-148.46	1.80	2.68	0.21	0.00	0.00	0.00	0 - 00:00 hrs
859	☐	SWMH-M4-003	4.48	54.26	Surcharged	0.00	0 - 09:48 hrs	0.00	14.01	0.00	1.61	262.06	1.76	2.40	0.00	0.00	0.00	0.07	0 - 09:48 hrs
860	☐	SWMH-M4-004	4.40	55.27	w Maximum	0.00	0 - 09:48 hrs	38.83	38.83	1.83	1.83	0.00	1.55	2.40	0.00	0.11	0.42	18.47	0 - 10:03 hrs
861	☐	SWMH-M4-006	5.01	52.71	w Maximum	0.14	0 - 11:00 hrs	0.00	4.50	0.00	1.18	40.33	8.63	3.50	0.14	0.00	0.00	0.00	0 - 00:00 hrs
862	☐	SWMH-M4-007	4.70	52.99	w Maximum	0.35	0 - 11:00 hrs	0.00	4.48	0.00	1.18	39.61	8.09	3.20	0.35	0.00	0.00	0.00	0 - 00:00 hrs
863	☐	SWMH-M4-008	4.10	52.59	w Maximum	0.00	0 - 09:48 hrs	0.00	11.62	0.00	1.38	68.91	1.70	1.85	0.00	0.00	0.00	4.83	0 - 09:48 hrs
864	☐	SWMH-M4-011	4.05	54.04	w Maximum	0.00	0 - 09:48 hrs	34.95	34.95	1.58	1.58	0.00	1.83	2.30	0.00	0.20	0.71	23.93	0 - 09:59 hrs
865	☐	SWMH-M4-022	4.56	53.20	w Maximum	0.52	0 - 11:00 hrs	0.00	4.49	0.00	1.18	77.29	7.66	3.06	0.52	0.00	0.00	0.00	0 - 00:00 hrs
866	☐	SWMH-M4-023	4.26	53.84	w Maximum	0.24	0 - 09:37 hrs	0.00	4.48	0.00	1.18	46.86	7.25	2.51	0.24	0.00	0.00	0.00	0 - 00:00 hrs
867	☐	SWMH-M4-029	3.22	53.74	Surcharged	0.00	0 - 09:07 hrs	39.38	39.38	1.74	1.74	0.00	6.67	1.72	0.00	0.56	2.92	35.91	0 - 09:59 hrs
868	☐	SWMH-M4-031	3.98	54.47	w Maximum	0.00	0 - 09:48 hrs	0.00	20.34	0.00	1.71	16.87	1.60	1.95	0.00	0.10	0.67	7.75	0 - 10:03 hrs
869	☐	SWMH-M5-001	11.56	53.33	Surcharged	0.00	0 - 00:02 hrs	0.00	85.57	0.00	5.83	2,372.31	47.94	6.25	0.00	0.00	0.00	12.60	0 - 00:02 hrs
870	☐	SWMH-M5-002	7.71	52.44	w Maximum	0.00	0 - 00:01 hrs	0.00	40.61	0.00	1.64	1,294.86	47.94	4.96	0.00	0.00	0.00	31.36	0 - 00:01 hrs
871	☐	SWMH-M5-003	5.69	52.18	w Maximum	2.46	0 - 09:48 hrs	0.00	14.01	0.00	1.63	461.59	47.86	3.64	2.46	0.00	0.00	0.00	0 - 00:00 hrs
872	☐	SWMH-M5-004	5.78	52.91	w Maximum	1.30	0 - 09:48 hrs	0.00	14.00	0.00	1.63	270.24	3.74	3.55	1.30	0.00	0.00	0.00	0 - 00:00 hrs
873	☐	SWMH-M5-005	5.25	53.62	w Maximum	0.00	0 - 09:48 hrs	0.00	14.00	0.00	1.62	178.11	2.22	3.25	0.00	0.00	0.00	0.05	0 - 09:48 hrs
874	☐	SWMH-M5-006	9.58	51.69	w Maximum	1.72	0 - 00:02 hrs	0.00	62.80	0.00	4.17	1,952.09	47.97	5.96	1.72	0.00	0.00	0.00	0 - 00:00 hrs
875	☐	SWMH-M5-007	8.87	52.45	w Maximum	1.23	0 - 00:04 hrs	0.00	50.19	0.00	4.16	3,386.03	47.92	5.62	1.23	0.00	0.00	0.00	0 - 00:00 hrs
876	☐	SWMH-M5-008	9.50	53.76	w Maximum	0.00	0 - 00:03 hrs	54.51	54.51	2.65	4.17	3,475.92	47.87	6.42	0.00	0.00	0.03	25.86	0 - 00:03 hrs
877	☐	SWMH-M5-010	7.34	53.85	w Maximum	3.66	0 - 09:59 hrs	39.98	44.98	1.79	1.96	1,588.82	2.96	4.34	3.66	0.00	0.00	0.00	0 - 00:00 hrs
878	☐	SWMH-M5-021	5.50	53.24	w Maximum	0.00	0 - 09:48 hrs	0.00	14.01	0.00	1.63	295.85	2.76	3.50	0.00	0.00	0.00	0.10	0 - 09:48 hrs
879	☐	SWMH-M6-001	7.76	66.29	w Maximum	0.54	0 - 09:59 hrs	39.73	39.73	1.88	1.88	0.00	0.51	5.73	0.54	0.00	0.00	0.00	0 - 00:00 hrs
880	☐	SWMH-M6-002	1.68	70.35	low Link Cro	5.17	0 - 10:03 hrs	33.40	50.63	1.52	2.33	126.29	0.00	0.00	0.00	0.00	0.00	0.00	0 - 00:00 hrs
881	☐	SWMH-M6-003	1.62	73.22	low Link Cro	4.48	0 - 10:04 hrs	0.00	17.97	0.00	0.81	-322.77	0.00	0.00	0.00	0.00	0.00	0.00	0 - 00:00 hrs
882	☐	SWMH-M6-007	9.72	57.81	w Maximum	1.19	0 - 09:59 hrs	13.50	36.39	0.49	3.03	349.90	47.88	7.71	1.19	0.00	0.00	0.00	0 - 00:00 hrs

FUTURE CONDITIONS 20-YR 24-HR JUNCTIONS

		ID	Maximum Depth (ft)	Maximum HGL (ft)	Maximum HGL Head Class	Freeboard (ft)	Max.Depth Day-Time (day-time)	Maximum Lateral Inflow (cfs)	Maximum Total Inflow (cfs)	Lateral Inflow Volume (MG)	Total Inflow Volume (MG)	Flow Volume Difference (MG)	Total Surcharge Time (hrs)	Max.Surchar ge Height Above Crown	Min.Surchar ge Depth Below Rim (ft)	Total Flood Volume (MG)	Total Flood Time (hrs)	Maximum Flood Rate (cfs)	Max.Flood Day-Time (day-time)
883	☐	SWMH-M6-008	10.55	59.60	Surcharged	0.00	0 - 09:53 hrs	0.00	32.11	0.00	2.56	397.21	2.13	7.25	0.00	0.03	0.24	9.06	0 - 09:59 hrs
884	☐	SWMH-M6-009	10.05	60.13	w Maximum	0.00	0 - 09:52 hrs	0.00	16.53	0.00	1.66	-5.51	1.60	5.70	0.00	0.03	0.35	3.66	0 - 10:07 hrs
885	☐	SWMH-M6-010	1.38	62.44	low Link Cro	5.37	0 - 09:59 hrs	21.46	21.46	0.92	0.92	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0 - 00:00 hrs
886	☐	SWMH-M6-011	10.82	66.56	Surcharged	0.00	0 - 09:49 hrs	40.51	40.51	1.85	1.85	0.00	1.84	9.32	0.00	0.19	0.56	25.81	0 - 09:59 hrs
887	☐	SWMH-M7-001	2.29	74.80	low Link Cro	3.36	0 - 10:04 hrs	18.99	18.99	0.82	0.82	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0 - 00:00 hrs
888	☐	SWMH-M7-004	16.36	81.25	w Maximum	0.00	0 - 09:56 hrs	0.00	247.65	0.00	36.36	2,275.56	2.68	11.86	0.00	0.00	0.00	22.34	0 - 09:56 hrs
889	☐	SWMH-M7-005	12.17	82.82	w Maximum	0.00	0 - 09:56 hrs	0.00	264.42	0.00	35.24	4,002.10	2.33	6.17	0.00	0.00	0.00	21.58	0 - 09:56 hrs
890	☐	SWMH-M7-006	10.89	82.69	w Maximum	1.02	0 - 09:56 hrs	0.00	264.50	0.00	35.26	2,135.72	2.38	4.88	1.02	0.00	0.00	0.00	0 - 00:00 hrs
891	☐	SWMH-M7-007	1.35	55.15	low Link Cro	15.85	0 - 10:06 hrs	0.00	12.82	0.00	0.55	173.72	0.00	0.00	0.00	0.00	0.00	0.00	0 - 00:00 hrs
892	☐	SWMH-M7-008	1.38	59.33	low Link Cro	17.17	0 - 10:00 hrs	0.00	13.26	0.00	0.55	-76.15	0.00	0.00	0.00	0.00	0.00	0.00	0 - 00:00 hrs
893	☐	SWMH-M7-009	6.60	81.87	Surcharged	0.00	0 - 09:57 hrs	0.00	30.62	0.00	1.03	-24.08	1.54	4.10	0.00	0.00	0.01	26.17	0 - 09:57 hrs
894	☐	SWMH-M7-010	10.54	82.66	w Maximum	0.76	0 - 09:56 hrs	0.00	38.24	0.00	3.65	277.66	10.87	8.23	0.76	0.00	0.00	0.00	0 - 00:00 hrs
895	☐	SWMH-M7-011	10.90	84.67	w Maximum	0.98	0 - 09:56 hrs	0.00	38.24	0.00	3.65	128.43	4.42	8.65	0.98	0.00	0.00	0.00	0 - 00:00 hrs
896	☐	SWMH-M7-013	6.50	82.88	w Maximum	0.00	0 - 09:57 hrs	23.11	23.11	1.03	1.03	0.00	1.43	4.29	0.00	0.00	0.02	6.85	0 - 09:57 hrs
897	☐	SWMH-M7-014	10.84	86.15	Surcharged	0.00	0 - 09:52 hrs	50.69	53.82	2.43	3.81	295.83	3.19	8.59	0.00	0.15	0.47	26.86	0 - 09:59 hrs
898	☐	SWMH-M7-016	10.69	84.97	w Maximum	0.48	0 - 09:56 hrs	0.00	38.26	0.00	3.65	-35.84	3.70	8.44	0.48	0.00	0.00	0.00	0 - 00:00 hrs
899	☐	SWMH-M7-018	13.04	82.00	Surcharged	0.00	0 - 09:56 hrs	0.00	272.57	0.00	36.24	155.06	1.82	5.31	0.00	0.00	0.00	42.77	0 - 09:56 hrs
900	☐	SWMH-M7-019	12.16	79.89	w Maximum	2.36	0 - 09:56 hrs	3.50	263.28	0.12	36.37	679.24	2.63	7.66	2.36	0.00	0.00	0.00	0 - 00:00 hrs
901	☐	SWMH-M7-020	1.31	63.08	low Link Cro	17.92	0 - 09:59 hrs	13.84	13.84	0.55	0.55	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0 - 00:00 hrs
902	☐	SWMH-M7-024	7.38	81.77	w Maximum	0.00	0 - 09:57 hrs	0.00	41.14	0.00	1.04	18.85	1.66	4.60	0.00	0.00	0.00	38.14	0 - 09:57 hrs
903	☐	SWMH-M8-001	9.60	82.31	w Maximum	0.00	0 - 09:56 hrs	17.71	291.70	0.66	32.76	1,814.61	2.37	3.60	0.00	1.13	0.73	114.84	0 - 10:03 hrs
904	☐	SWMH-M8-002	10.08	84.22	w Maximum	0.29	0 - 09:59 hrs	43.77	276.51	2.06	32.12	1,092.77	2.17	4.08	0.29	0.00	0.00	0.00	0 - 00:00 hrs
905	☐	SWMH-M8-003	10.05	84.52	w Maximum	0.00	0 - 09:56 hrs	34.55	245.33	1.53	30.10	1,314.40	2.14	4.05	0.00	0.04	0.16	27.28	0 - 09:56 hrs
906	☐	SWMH-M8-004	11.40	87.63	w Maximum	0.00	0 - 09:56 hrs	0.00	211.27	0.00	28.57	1,617.28	2.17	5.90	0.00	0.00	0.01	51.03	0 - 09:56 hrs
907	☐	SWMH-M8-005	11.40	89.31	Surcharged	0.00	0 - 09:56 hrs	0.00	249.69	0.00	28.60	1,579.26	2.08	5.90	0.00	0.01	0.02	64.35	0 - 09:56 hrs
908	☐	SWMH-M8-006	12.67	92.31	w Maximum	0.53	0 - 09:57 hrs	0.00	249.22	0.00	28.61	1,615.20	2.02	7.17	0.53	0.00	0.00	0.00	0 - 00:00 hrs
909	☐	SWMH-M8-007	12.90	94.72	w Maximum	1.38	0 - 09:57 hrs	22.55	271.69	0.86	28.63	3,728.42	1.76	7.40	1.38	0.00	0.00	0.00	0 - 00:00 hrs
910	☐	SWMH-M8-008	11.53	95.00	w Maximum	1.57	0 - 09:57 hrs	0.00	98.95	0.00	10.40	370.13	1.67	7.03	1.57	0.00	0.00	0.00	0 - 00:00 hrs
911	☐	SWMH-M8-009	8.70	84.35	w Maximum	0.00	0 - 09:56 hrs	0.00	0.49	0.00	0.00	0.00	2.65	6.45	0.00	0.00	0.00	0.00	0 - 00:00 hrs
912	☐	SWMH-M8-016	11.43	95.08	w Maximum	0.92	0 - 09:57 hrs	0.00	107.51	0.00	10.39	-56.82	1.66	6.93	0.92	0.00	0.00	0.00	0 - 00:00 hrs
913	☐	SWMH-M8-017	12.59	95.24	w Maximum	1.85	0 - 09:57 hrs	0.00	166.67	0.00	17.38	411.36	1.71	7.59	1.85	0.00	0.00	0.00	0 - 00:00 hrs
914	☐	SWMH-M9-001	9.62	97.61	w Maximum	0.00	0 - 09:56 hrs	15.04	15.04	0.63	0.63	0.00	1.27	7.62	0.00	0.00	0.00	3.15	0 - 09:56 hrs
915	☐	SWMH-M9-002	9.44	101.10	w Maximum	0.81	0 - 11:02 hrs	39.92	130.62	1.59	8.56	922.34	9.98	5.44	0.81	0.00	0.00	0.00	0 - 00:00 hrs
916	☐	SWMH-M9-003	9.63	101.08	w Maximum	0.97	0 - 10:56 hrs	0.00	130.56	0.00	8.56	82.27	9.99	5.43	0.97	0.00	0.00	0.00	0 - 00:00 hrs
917	☐	SWMH-M9-004	10.54	100.13	w Maximum	3.26	0 - 09:56 hrs	13.08	168.98	0.47	8.77	676.44	0.99	5.92	3.26	0.00	0.00	0.00	0 - 00:00 hrs
918	☐	SWMH-M9-005	10.47	98.69	w Maximum	2.83	0 - 09:57 hrs	0.00	168.89	0.00	17.32	419.20	1.20	5.76	2.83	0.00	0.00	0.00	0 - 00:00 hrs
919	☐	SWMH-M9-006	12.51	97.16	w Maximum	0.67	0 - 09:57 hrs	0.00	166.77	0.00	17.39	264.94	1.67	8.01	0.67	0.00	0.00	0.00	0 - 00:00 hrs
920	☐	SWMH-M9-007	12.99	97.06	w Maximum	0.43	0 - 09:57 hrs	0.00	166.67	0.00	17.39	637.99	1.65	8.17	0.43	0.00	0.00	0.00	0 - 00:00 hrs
921	☐	SWMH-M9-008	12.65	96.11	w Maximum	1.40	0 - 09:57 hrs	0.00	166.65	0.00	17.39	-356.70	1.69	7.95	1.40	0.00	0.00	0.00	0 - 00:00 hrs
922	☐	SWMH-M9-009	12.86	95.61	w Maximum	1.54	0 - 09:57 hrs	0.00	166.59	0.00	17.39	989.94	1.72	7.86	1.54	0.00	0.00	0.00	0 - 00:00 hrs
923	☐	SWMH-M9-010	12.11	97.83	w Maximum	0.33	0 - 09:57 hrs	7.20	166.76	0.26	17.39	-427.87	1.56	7.35	0.33	0.00	0.00	0.00	0 - 00:00 hrs
924	☐	SWMH-N1-001	15.12	38.26	Surcharged	0.00	0 - 11:10 hrs	0.00	66.22	0.00	20.09	15,735.74	41.55	9.12	0.00	0.00	0.00	0.07	0 - 11:48 hrs
925	☐	SWMH-N1-005	10.34	36.00	w Maximum	0.00	0 - 09:22 hrs	2.01	66.88	0.07	27.05	15,529.26	40.37	6.00	0.00	4.66	14.27	15.78	0 - 11:44 hrs
926	☐	SWMH-N1-006	11.82	37.51	Surcharged	0.00	0 - 09:48 hrs	28.37	60.06	1.22	14.86	8,456.89	41.59	8.32	0.00	0.18	1.82	18.59	0 - 09:59 hrs
927	☐	SWMH-N1-007	13.42	38.75	w Maximum	1.25	0 - 10:45 hrs	0.00	47.35	0.00	16.02	7,898.70	32.70	5.16	1.25	0.00	0.00	0.00	0 - 00:00 hrs
928	☐	SWMH-N1-008	12.54	39.14	w Maximum	0.21	0 - 11:38 hrs	0.00	163.76	0.00	18.44	16,376.90	33.40	6.03	0.21	0.00	0.00	0.00	0 - 00:00 hrs
929	☐	SWMH-N1-009	12.48	39.18	Surcharged	-0.39	0 - 11:45 hrs	0.00	163.71	0.00	18.56	15,627.04	33.29	5.97	0.00	0.00	0.00	0.00	0 - 00:00 hrs
930	☐	SWMH-N1-010	8.34	39.02	w Maximum	0.00	0 - 09:56 hrs	0.00	45.46	0.00	7.49	4,746.10	30.95	4.34	0.00	1.51	3.08	43.40	0 - 11:44 hrs
931	☐	SWMH-N1-014	5.90	35.82	Surcharged	0.00	0 - 08:57 hrs	12.56	12.81	0.51	0.61	0.00	37.33	4.40	0.00	0.51	14.94	12.80	0 - 09:59 hrs

FUTURE CONDITIONS 20-YR 24-HR JUNCTIONS

		ID	Maximum Depth (ft)	Maximum HGL (ft)	Maximum HGL Head Class	Freeboard (ft)	Max.Depth Day-Time (day-time)	Maximum Lateral Inflow (cfs)	Maximum Total Inflow (cfs)	Lateral Inflow Volume (MG)	Total Inflow Volume (MG)	Flow Volume Difference (MG)	Total Surcharge Time (hrs)	Max.Surchar ge Height Above Ground (ft)	Min.Surchar ge Depth Below Rim (ft)	Total Flood Volume (MG)	Total Flood Time (hrs)	Maximum Flood Rate (cfs)	Max.Flood Day-Time (day-time)
932	☐	SWMH-N1-015	7.88	38.72	w Maximum	1.23	0 - 10:45 hrs	0.00	13.45	0.00	2.38	2,798.19	29.75	2.96	1.23	0.00	0.00	0.00	0 - 00:00 hrs
933	☐	SWMH-N1-016	13.18	39.09	w Maximum	1.12	0 - 11:48 hrs	0.00	47.37	0.00	15.81	1,974.81	41.44	9.68	1.12	0.00	0.00	0.00	0 - 00:00 hrs
934	☐	SWMH-N1-017	13.39	39.15	w Maximum	0.93	0 - 10:45 hrs	0.00	47.37	0.00	15.79	2,341.13	41.57	9.88	0.93	0.00	0.00	0.00	0 - 00:00 hrs
935	☐	SWMH-N2-001	6.84	39.47	w Maximum	0.00	0 - 09:47 hrs	0.00	21.91	0.00	2.55	3,269.37	30.03	3.95	0.00	0.01	0.58	2.94	0 - 09:59 hrs
936	☐	SWMH-N2-002	6.70	40.55	w Maximum	0.20	0 - 09:56 hrs	3.95	21.90	0.14	2.56	3,079.89	29.14	3.94	0.20	0.00	0.00	0.00	0 - 00:00 hrs
937	☐	SWMH-N2-003	7.08	41.18	w Maximum	0.77	0 - 09:56 hrs	12.79	17.95	0.50	2.44	2,909.60	29.08	4.33	0.77	0.00	0.00	0.00	0 - 00:00 hrs
938	☐	SWMH-N2-004	6.60	41.34	w Maximum	1.66	0 - 09:47 hrs	0.00	11.76	0.00	1.95	1,658.52	25.90	3.85	1.66	0.00	0.00	0.00	0 - 00:00 hrs
939	☐	SWMH-N2-005	6.45	41.33	Surcharged	0.00	0 - 09:47 hrs	0.00	11.81	0.00	1.95	570.57	21.61	3.40	0.00	0.00	0.00	1.10	0 - 09:47 hrs
940	☐	SWMH-N2-007	11.66	40.00	w Maximum	0.00	0 - 09:47 hrs	14.78	183.36	0.56	28.50	24,071.71	31.52	5.66	0.00	0.01	0.20	5.79	0 - 09:59 hrs
941	☐	SWMH-N2-008	12.42	41.59	Surcharged	0.00	0 - 09:47 hrs	0.00	168.58	0.00	27.35	12,347.80	30.49	6.42	0.00	0.00	0.00	0.22	0 - 09:47 hrs
942	☐	SWMH-N2-009	11.96	42.62	w Maximum	1.36	0 - 09:47 hrs	0.00	165.46	0.00	27.89	8,087.18	20.39	4.58	1.36	0.00	0.00	0.00	0 - 00:00 hrs
943	☐	SWMH-N2-010	12.47	43.21	w Maximum	0.29	0 - 09:47 hrs	0.00	165.38	0.00	28.04	19,850.51	18.57	4.97	0.29	0.00	0.00	0.00	0 - 00:00 hrs
944	☐	SWMH-N2-011	6.57	43.09	w Maximum	1.33	0 - 09:57 hrs	10.34	20.64	0.40	2.78	596.82	8.53	3.72	1.33	0.00	0.00	0.00	0 - 00:00 hrs
945	☐	SWMH-N2-012	8.45	38.90	Surcharged	0.00	0 - 09:45 hrs	0.00	30.18	0.00	3.28	433.40	34.49	6.20	0.00	1.74	4.79	23.54	0 - 09:57 hrs
946	☐	SWMH-N2-013	8.40	38.86	Surcharged	0.00	0 - 09:45 hrs	0.00	16.65	0.00	2.31	666.05	34.47	6.15	0.00	1.62	5.33	16.64	0 - 09:56 hrs
947	☐	SWMH-N2-014	8.58	39.31	w Maximum	0.40	0 - 09:56 hrs	0.00	10.02	0.00	1.46	1,057.15	33.78	6.25	0.40	0.00	0.00	0.00	0 - 00:00 hrs
948	☐	SWMH-N2-015	8.55	39.57	Surcharged	0.00	0 - 09:48 hrs	0.00	10.03	0.00	1.47	789.51	33.41	6.30	0.00	0.00	0.02	0.04	0 - 10:30 hrs
949	☐	SWMH-N2-016	8.18	39.58	Surcharged	0.00	0 - 09:45 hrs	36.04	36.04	1.74	1.74	0.00	33.18	6.18	0.00	0.28	1.14	26.09	0 - 10:03 hrs
950	☐	SWMH-N2-017	9.14	41.48	w Maximum	0.70	0 - 09:47 hrs	0.00	14.01	0.00	1.48	1,254.95	31.24	6.89	0.70	0.00	0.00	0.00	0 - 00:00 hrs
951	☐	SWMH-N2-018	7.70	41.24	Surcharged	0.00	0 - 09:47 hrs	14.81	22.66	0.60	1.63	1,912.28	30.05	5.45	0.00	0.13	0.90	14.34	0 - 09:59 hrs
952	☐	SWMH-N2-019	6.24	41.82	w Maximum	0.81	0 - 10:38 hrs	0.00	8.45	0.00	1.04	1,056.52	22.66	3.99	0.81	0.00	0.00	0.00	0 - 00:00 hrs
953	☐	SWMH-N2-020	7.85	39.49	w Maximum	0.42	0 - 09:59 hrs	19.33	45.46	0.84	7.48	6,305.87	29.90	3.73	0.42	0.00	0.00	0.00	0 - 00:00 hrs
954	☐	SWMH-N2-022	4.40	44.86	w Maximum	0.00	0 - 09:48 hrs	25.47	25.47	1.21	1.20	0.00	2.90	2.90	0.00	0.17	0.91	17.59	0 - 09:59 hrs
955	☐	SWMH-N2-023	4.85	39.09	w Maximum	0.00	0 - 09:47 hrs	0.00	4.26	0.00	0.26	0.00	29.68	3.10	0.00	0.26	3.68	4.26	0 - 10:03 hrs
956	☐	SWMH-N3-001	6.24	49.11	Surcharged	0.00	0 - 09:52 hrs	22.37	43.21	1.00	1.30	152.82	2.19	3.49	0.00	0.04	0.24	9.45	0 - 09:59 hrs
957	☐	SWMH-N3-002	5.91	49.27	Surcharged	0.00	0 - 09:52 hrs	0.00	7.78	0.00	0.31	-22.71	2.08	3.41	0.00	0.00	0.01	6.61	0 - 09:52 hrs
958	☐	SWMH-N3-003	6.02	50.58	w Maximum	0.00	0 - 09:52 hrs	28.20	39.56	1.34	4.79	907.21	3.98	3.75	0.00	0.11	0.44	16.42	0 - 10:03 hrs
959	☐	SWMH-N3-004	6.01	51.18	w Maximum	0.31	0 - 10:04 hrs	0.00	14.27	0.00	3.46	354.63	4.12	3.75	0.31	0.00	0.00	0.00	0 - 00:00 hrs
960	☐	SWMH-N3-005	5.04	48.66	Surcharged	0.00	0 - 09:52 hrs	7.00	14.75	0.29	0.36	62.45	2.21	3.00	0.00	0.10	0.46	12.98	0 - 09:59 hrs
961	☐	SWMH-N3-007	8.45	45.20	w Maximum	0.00	0 - 09:45 hrs	25.38	74.80	1.17	9.30	-1,230.58	6.57	4.70	0.00	0.00	0.00	4.90	0 - 09:45 hrs
962	☐	SWMH-N3-008	8.74	46.76	w Maximum	0.00	0 - 09:48 hrs	0.00	51.39	0.00	8.13	1,220.30	5.00	4.99	0.00	0.00	0.00	11.94	0 - 09:48 hrs
963	☐	SWMH-N3-010	5.54	48.12	Surcharged	0.00	0 - 09:41 hrs	28.20	32.92	1.37	2.87	211.58	5.25	3.54	0.00	0.05	0.34	9.94	0 - 10:03 hrs
964	☐	SWMH-N3-011	5.61	51.30	w Maximum	0.51	0 - 10:15 hrs	0.00	8.42	0.00	2.09	85.40	5.62	3.86	0.51	0.00	0.00	0.00	0 - 00:00 hrs
965	☐	SWMH-N3-012	4.89	51.29	w Maximum	0.00	0 - 09:52 hrs	0.00	8.40	0.00	2.10	112.04	6.54	3.39	0.00	0.00	0.50	0.21	0 - 10:07 hrs
966	☐	SWMH-N3-013	4.90	51.80	Surcharged	0.00	0 - 09:37 hrs	28.23	31.65	1.33	2.50	266.06	10.05	3.40	0.00	0.40	1.67	28.01	0 - 10:03 hrs
967	☐	SWMH-N3-014	9.22	47.62	Surcharged	0.00	0 - 09:52 hrs	42.45	73.87	1.93	8.27	131.65	5.32	5.50	0.00	0.14	0.36	24.39	0 - 09:59 hrs
968	☐	SWMH-N3-019	4.74	49.07	Surcharged	0.00	0 - 09:42 hrs	9.68	9.68	0.37	0.37	23.68	5.03	3.74	0.00	0.05	0.79	6.85	0 - 09:59 hrs
969	☐	SWMH-N3-020	5.90	48.50	w Maximum	0.00	0 - 09:41 hrs	0.00	7.02	0.00	1.22	144.82	6.84	4.40	0.00	0.00	0.35	0.11	0 - 10:03 hrs
970	☐	SWMH-N3-024	10.23	49.53	w Maximum	0.00	0 - 09:52 hrs	10.44	55.49	0.39	6.74	1,816.47	2.08	3.67	0.00	0.00	0.00	20.14	0 - 09:52 hrs
971	☐	SWMH-N3-026	4.80	49.67	Surcharged	0.00	0 - 09:52 hrs	0.00	7.64	0.00	0.13	0.00	4.60	2.95	0.00	0.13	0.71	7.64	0 - 10:15 hrs
972	☐	SWMH-N4-001	5.65	51.22	Surcharged	0.00	0 - 09:52 hrs	16.27	30.74	0.68	1.56	210.66	2.66	3.37	0.00	0.18	0.52	22.84	0 - 09:59 hrs
973	☐	SWMH-N4-002	8.10	50.67	Surcharged	0.00	0 - 09:52 hrs	0.00	80.14	0.00	9.52	300.32	2.32	4.10	0.00	0.00	0.00	45.86	0 - 09:52 hrs
974	☐	SWMH-N4-003	6.80	51.44	w Maximum	0.00	0 - 09:52 hrs	4.22	32.13	0.14	3.27	150.86	2.44	3.72	0.00	0.00	0.05	1.72	0 - 09:52 hrs
975	☐	SWMH-N4-004	6.40	55.17	w Maximum	0.00	0 - 09:52 hrs	0.00	26.74	0.00	2.77	127.30	1.92	3.58	0.00	0.00	0.00	0.54	0 - 09:52 hrs
976	☐	SWMH-N4-005	6.36	55.61	w Maximum	0.00	0 - 09:52 hrs	18.87	26.73	0.80	2.77	122.59	2.09	3.86	0.00	0.00	0.00	0.17	0 - 09:52 hrs
977	☐	SWMH-N4-006	6.15	55.23	w Maximum	0.00	0 - 09:52 hrs	0.00	17.98	0.00	2.03	453.29	2.81	3.98	0.00	0.03	0.27	7.35	0 - 09:59 hrs
978	☐	SWMH-N4-007	6.08	56.01	w Maximum	0.00	0 - 09:48 hrs	50.89	50.89	2.47	2.48	256.35	3.24	4.08	0.00	0.44	0.92	41.88	0 - 10:03 hrs
979	☐	SWMH-N4-008	6.42	56.67	w Maximum	0.45	0 - 09:45 hrs	0.00	2.42	0.00	0.02	34.11	2.79	4.42	0.45	0.00	0.00	0.00	0 - 00:00 hrs
980	☐	SWMH-N4-009	7.68	51.28	Surcharged	0.00	0 - 09:52 hrs	0.00	21.79	0.00	1.26	536.10	2.64	5.12	0.00	0.00	0.00	4.80	0 - 09:52 hrs

FUTURE CONDITIONS 20-YR 24-HR JUNCTIONS

		ID	Maximum Depth (ft)	Maximum HGL (ft)	Maximum HGL Head Class	Freeboard (ft)	Max.Depth Day-Time (day-time)	Maximum Lateral Inflow (cfs)	Maximum Total Inflow (cfs)	Lateral Inflow Volume (MG)	Total Inflow Volume (MG)	Flow Volume Difference (MG)	Total Surcharge Time (hrs)	Max.Surchar ge Height Above Crown	Min.Surchar ge Depth Below Rim (ft)	Total Flood Volume (MG)	Total Flood Time (hrs)	Maximum Flood Rate (cfs)	Max.Flood Day-Time (day-time)
981	☐	SWMH-N4-010	7.30	51.56	w Maximum	0.00	0 - 09:52 hrs	13.27	30.10	0.53	1.30	59.74	2.29	4.80	0.00	0.04	0.29	9.01	0 - 09:59 hrs
982	☐	SWMH-N4-011	5.50	51.76	w Maximum	0.00	0 - 09:49 hrs	13.39	36.05	0.54	3.71	613.29	2.42	2.95	0.00	0.08	0.45	11.27	0 - 09:59 hrs
983	☐	SWMH-N4-012	5.28	52.15	Surcharged	0.00	0 - 09:49 hrs	0.00	28.41	0.00	3.18	302.78	2.41	2.73	0.00	0.00	0.02	0.08	0 - 09:49 hrs
984	☐	SWMH-N4-021	7.34	50.57	Surcharged	0.00	0 - 09:52 hrs	9.30	34.40	0.36	1.80	-240.56	2.60	4.44	0.00	0.00	0.00	16.45	0 - 09:52 hrs
985	☐	SWMH-N4-022	6.00	50.67	Surcharged	0.00	0 - 09:52 hrs	0.00	22.02	0.00	0.20	224.96	2.59	4.50	0.00	0.00	0.01	21.05	0 - 09:52 hrs
986	☐	SWMH-N4-025	6.28	57.85	Surcharged	0.00	0 - 09:45 hrs	0.00	1.48	0.00	0.00	0.00	2.38	4.78	0.00	0.00	0.00	0.95	0 - 09:45 hrs
987	☐	SWMH-N4-026	4.50	54.80	Surcharged	0.00	0 - 09:45 hrs	0.00	2.07	0.00	0.02	0.00	2.42	3.25	0.00	0.02	0.49	2.07	0 - 10:07 hrs
988	☐	SWMH-N4-030	7.05	52.10	Surcharged	0.00	0 - 09:52 hrs	0.00	30.97	0.00	0.78	-166.96	1.78	3.28	0.00	0.01	0.18	24.73	0 - 09:52 hrs
989	☐	SWMH-N4-031	5.43	52.33	Surcharged	0.00	0 - 09:49 hrs	72.26	72.26	3.88	3.88	0.00	2.64	2.73	0.00	0.70	1.01	59.49	0 - 10:03 hrs
990	☐	SWMH-N4-032	6.25	51.33	w Maximum	0.00	0 - 09:52 hrs	2.92	51.58	0.09	4.69	-279.87	2.24	3.25	0.00	0.03	0.25	44.17	0 - 09:52 hrs
991	☐	SWMH-N4-033	6.10	55.37	Surcharged	0.00	0 - 09:52 hrs	0.00	17.99	0.00	1.98	30.89	2.36	4.10	0.00	0.00	0.02	0.43	0 - 09:52 hrs
992	☐	SWMH-N5-001	13.04	53.91	w Maximum	8.70	0 - 09:57 hrs	48.74	176.65	2.12	21.16	15,721.58	5.11	3.92	8.70	0.00	0.00	0.00	0 - 00:00 hrs
993	☐	SWMH-N5-003	8.64	53.90	w Maximum	0.60	0 - 09:57 hrs	0.00	30.77	0.00	1.50	5,196.13	47.45	4.64	0.60	0.00	0.00	0.00	0 - 00:00 hrs
994	☐	SWMH-N5-004	8.07	53.90	w Maximum	2.10	0 - 09:57 hrs	0.00	17.72	0.00	1.45	2,755.89	6.65	4.07	2.10	0.00	0.00	0.00	0 - 00:00 hrs
995	☐	SWMH-N5-005	6.73	54.30	w Maximum	0.00	0 - 12:11 hrs	0.00	10.99	0.00	1.43	1,326.30	14.06	4.73	0.00	0.00	0.00	0.29	0 - 12:11 hrs
996	☐	SWMH-N5-007	5.19	53.80	w Maximum	0.00	0 - 09:45 hrs	38.65	38.65	1.78	1.78	0.00	4.59	3.19	0.00	0.37	0.93	36.04	0 - 09:59 hrs
997	☐	SWMH-N5-009	3.43	51.38	Surcharged	0.00	0 - 09:47 hrs	0.00	45.13	0.00	0.46	406.30	1.61	0.68	0.00	0.41	0.72	45.12	0 - 10:03 hrs
998	☐	SWMH-N5-013	6.09	53.24	w Maximum	3.79	0 - 09:59 hrs	0.00	45.01	0.00	0.54	734.54	2.30	3.34	3.79	0.00	0.00	0.00	0 - 00:00 hrs
999	☐	SWMH-N5-015	3.70	53.57	w Maximum	0.00	0 - 09:48 hrs	0.00	6.94	0.00	0.03	0.00	1.83	1.70	0.00	0.02	0.22	6.93	0 - 09:59 hrs
1000	☐	SWMH-N6-001	18.38	56.26	Surcharged	0.00	0 - 00:00 hrs	0.00	383.68	0.00	22.04	12,081.86	47.98	13.25	0.00	0.01	0.00	251.30	0 - 00:00 hrs
1001	☐	SWMH-N6-002	9.97	56.70	w Maximum	2.57	0 - 09:59 hrs	38.01	72.40	1.84	8.01	1,916.43	47.92	7.22	2.57	0.00	0.00	0.00	0 - 00:00 hrs
1002	☐	SWMH-N6-003	10.03	58.54	w Maximum	2.62	0 - 10:03 hrs	0.00	41.87	0.00	6.12	1,968.35	4.39	6.68	2.62	0.00	0.00	0.00	0 - 00:00 hrs
1003	☐	SWMH-N6-004	7.95	61.33	w Maximum	0.00	0 - 09:56 hrs	0.00	3.66	0.00	0.00	0.00	0.43	6.45	0.00	0.00	0.01	2.99	0 - 09:56 hrs
1004	☐	SWMH-N6-005	9.22	61.50	w Maximum	0.26	0 - 09:59 hrs	22.42	22.42	0.90	0.90	64.01	0.47	6.99	0.26	0.00	0.00	0.00	0 - 00:00 hrs
1005	☐	SWMH-N6-006	9.40	54.35	w Maximum	6.53	0 - 09:56 hrs	0.00	28.44	0.00	0.93	629.83	47.96	7.21	6.53	0.00	0.00	0.00	0 - 00:00 hrs
1006	☐	SWMH-N6-013	7.37	54.77	w Maximum	4.23	0 - 09:57 hrs	0.00	36.37	0.00	3.03	478.12	47.97	5.37	4.23	0.00	0.00	0.00	0 - 00:00 hrs
1007	☐	SWMH-N6-014?	7.32	53.27	w Maximum	0.00	0 - 00:00 hrs	0.00	53.11	0.00	3.03	691.77	47.99	4.82	0.00	0.00	0.00	41.14	0 - 00:00 hrs
1008	☐	SWMH-N6-017	12.50	58.53	Surcharged	0.00	0 - 00:01 hrs	0.00	80.13	0.00	8.01	2,071.88	47.94	9.00	0.00	0.00	0.00	36.27	0 - 00:01 hrs
1009	☐	SWMH-N7-003	5.12	57.58	low Link Cro	9.24	0 - 10:00 hrs	0.00	51.00	0.00	7.22	1,493.96	0.00	0.00	0.00	0.00	0.00	0.00	0 - 00:00 hrs
1010	☐	SWMH-N7-004	4.68	57.94	w Maximum	6.56	0 - 10:00 hrs	0.00	24.55	0.00	6.74	900.09	11.06	2.18	6.56	0.00	0.00	0.00	0 - 00:00 hrs
1011	☐	SWMH-N7-005	4.22	60.11	w Maximum	8.39	0 - 09:53 hrs	0.00	24.60	0.00	6.72	256.49	1.56	1.72	8.39	0.00	0.00	0.00	0 - 00:00 hrs
1012	☐	SWMH-N7-006	7.19	68.00	w Maximum	0.00	0 - 09:45 hrs	47.28	58.28	2.65	7.16	991.19	10.07	5.19	0.00	0.43	1.34	35.14	0 - 10:03 hrs
1013	☐	SWMH-N7-007	5.50	64.78	w Maximum	0.00	0 - 09:53 hrs	12.28	12.28	0.46	0.46	0.00	0.66	4.00	0.00	0.00	0.04	1.15	0 - 09:53 hrs
1014	☐	SWMH-N8-001	1.81	64.13	low Link Cro	7.87	0 - 10:38 hrs	0.00	25.20	0.00	3.26	124.47	0.00	0.00	0.00	0.00	0.00	0.00	0 - 00:00 hrs
1015	☐	SWMH-N8-002	10.92	80.00	w Maximum	0.00	0 - 09:51 hrs	59.25	59.25	3.56	3.56	0.00	2.97	8.92	0.00	0.30	0.81	34.02	0 - 10:03 hrs
1016	☐	SWMH-N8-003	2.13	69.59	low Link Cro	8.11	0 - 10:04 hrs	0.00	51.00	0.00	3.04	-398.23	0.00	0.00	0.00	0.00	0.00	0.00	0 - 00:00 hrs
1017	☐	SWMH-N8-004	2.87	72.45	low Link Cro	2.55	0 - 10:04 hrs	51.81	51.81	3.04	3.04	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0 - 00:00 hrs
1018	☐	SWMH-N8-005	7.65	71.00	w Maximum	0.00	0 - 09:25 hrs	26.00	43.08	1.29	5.69	1,304.04	12.34	5.65	0.00	1.17	4.27	32.07	0 - 10:03 hrs
1019	☐	SWMH-N8-007	12.71	78.80	Surcharged	0.00	0 - 09:38 hrs	93.37	93.37	5.99	5.99	0.00	11.67	10.71	0.00	1.58	3.42	76.26	0 - 10:03 hrs
1020	☐	SWMH-O1-001	12.58	39.07	Surcharged	-1.18	0 - 11:48 hrs	0.00	237.25	0.00	39.68	36,360.07	33.49	6.03	0.00	0.00	0.00	0.00	0 - 00:00 hrs
1021	☐	SWMH-O2-001	10.30	40.06	Surcharged	-0.06	0 - 11:33 hrs	0.00	91.39	0.00	17.04	18,636.79	31.40	5.48	0.00	0.00	0.00	0.00	0 - 00:00 hrs
1022	☐	SWMH-O2-002	10.40	41.08	Surcharged	-0.08	0 - 09:56 hrs	15.12	91.39	0.59	16.39	16,161.13	30.78	5.90	0.00	0.00	0.00	0.00	0 - 00:00 hrs
1023	☐	SWMH-O2-003	11.11	43.11	Surcharged	-0.11	0 - 09:59 hrs	43.80	116.89	1.99	19.46	31,835.84	27.24	5.59	0.00	0.00	0.00	0.00	0 - 00:00 hrs
1024	☐	SWMH-O2-005	9.14	39.96	w Maximum	2.04	0 - 09:56 hrs	0.00	10.18	0.00	1.52	3,138.19	30.39	4.33	2.04	0.00	0.00	0.00	0 - 00:00 hrs
1025	☐	SWMH-O2-006	8.41	39.95	w Maximum	0.11	0 - 09:56 hrs	13.63	13.63	0.55	1.56	2,039.46	34.25	5.34	0.11	0.00	0.00	0.00	0 - 00:00 hrs
1026	☐	SWMH-O2-007	8.23	40.04	w Maximum	0.00	0 - 09:48 hrs	17.41	34.17	0.74	1.42	757.59	41.61	5.73	0.00	0.08	0.40	16.02	0 - 09:59 hrs
1027	☐	SWMH-O2-008	8.35	40.62	Surcharged	0.00	0 - 09:56 hrs	16.83	16.83	0.68	0.68	0.00	37.88	6.10	0.00	0.00	0.04	0.06	0 - 09:59 hrs
1028	☐	SWMH-O2-009	7.20	42.07	Surcharged	0.00	0 - 09:47 hrs	0.00	70.59	0.00	4.28	2,767.58	18.03	3.63	0.00	1.61	1.78	70.52	0 - 09:59 hrs
1029	☐	SWMH-O2-013	7.82	43.69	w Maximum	0.70	0 - 09:47 hrs	0.00	34.57	0.00	5.32	-317.05	6.54	3.60	0.70	0.00	0.00	0.00	0 - 00:00 hrs

FUTURE CONDITIONS 20-YR 24-HR JUNCTIONS

		ID	Maximum Depth (ft)	Maximum HGL (ft)	Maximum HGL Head Class	Freeboard (ft)	Max.Depth Day-Time (day-time)	Maximum Lateral Inflow (cfs)	Maximum Total Inflow (cfs)	Lateral Inflow Volume (MG)	Total Inflow Volume (MG)	Flow Volume Difference (MG)	Total Surcharge Time (hrs)	Max.Surchar ge Height Above Crown	Min.Surchar ge Depth Below Rim (ft)	Total Flood Volume (MG)	Total Flood Time (hrs)	Maximum Flood Rate (cfs)	Max.Flood Day-Time (day-time)
1030	☐	SWMH-O2-014	12.93	44.15	Maximum	0.41	0 - 09:47 hrs	0.00	139.93	0.00	24.67	17,795.87	8.85	4.79	0.41	0.00	0.00	0.00	0 - 00:00 hrs
1031	☐	SWMH-O2-016	8.08	39.76	Surcharged	0.00	0 - 09:41 hrs	0.00	23.17	0.00	1.35	0.00	32.90	5.08	0.00	0.34	1.26	23.16	0 - 09:59 hrs
1032	☐	SWMH-O3-002	7.84	45.06	Maximum	0.00	0 - 09:47 hrs	0.30	23.14	0.01	2.14	1,685.27	6.76	5.00	0.00	0.00	0.00	7.44	0 - 09:47 hrs
1033	☐	SWMH-O3-005	8.50	49.24	Maximum	0.00	0 - 09:52 hrs	16.58	32.65	0.65	2.20	474.82	3.31	5.75	0.00	0.00	0.00	14.67	0 - 09:52 hrs
1034	☐	SWMH-O3-006	7.52	49.23	Maximum	0.00	0 - 09:52 hrs	0.00	25.79	0.00	1.55	36.82	2.82	4.77	0.00	0.00	0.00	14.78	0 - 09:52 hrs
1035	☐	SWMH-O3-007	6.58	49.36	Maximum	0.00	0 - 09:52 hrs	0.00	43.22	0.00	1.02	422.69	2.16	3.80	0.00	0.00	0.00	19.48	0 - 09:52 hrs
1036	☐	SWMH-O3-008	7.35	49.70	Maximum	0.00	0 - 09:53 hrs	0.00	15.74	0.00	0.54	30.77	2.87	5.30	0.00	0.00	0.00	14.82	0 - 09:53 hrs
1037	☐	SWMH-O3-009	6.74	49.35	Surcharged	0.00	0 - 09:53 hrs	0.00	17.03	0.00	0.54	44.14	2.58	4.66	0.00	0.00	0.00	15.00	0 - 09:53 hrs
1038	☐	SWMH-O3-010	12.37	43.68	Maximum	1.28	0 - 09:52 hrs	3.78	139.89	0.13	13.98	9,933.75	29.48	6.86	1.28	0.00	0.00	0.00	0 - 00:00 hrs
1039	☐	SWMH-O3-013	13.06	45.22	Maximum	0.00	0 - 09:47 hrs	33.08	136.93	1.56	14.05	14,918.26	25.09	7.56	0.00	0.00	0.05	1.12	0 - 09:59 hrs
1040	☐	SWMH-O3-014	13.30	46.70	Maximum	0.00	0 - 09:51 hrs	0.00	104.11	0.00	12.57	3,134.10	12.90	7.80	0.00	0.00	0.00	0.29	0 - 09:51 hrs
1041	☐	SWMH-O3-015	13.18	46.68	Maximum	0.00	0 - 09:47 hrs	0.00	104.12	0.00	12.60	2,803.33	16.90	8.18	0.00	0.00	0.00	1.39	0 - 09:51 hrs
1042	☐	SWMH-O3-016	13.25	48.66	Maximum	0.00	0 - 09:47 hrs	32.03	104.06	1.45	12.64	1,113.85	6.43	8.25	0.00	0.00	0.00	0.07	0 - 09:47 hrs
1043	☐	SWMH-O3-017	13.80	49.63	Maximum	0.00	0 - 09:47 hrs	0.00	82.80	0.00	11.21	2,387.00	6.67	9.30	0.00	0.00	0.00	7.76	0 - 09:47 hrs
1044	☐	SWMH-O3-018	12.30	49.88	Maximum	0.00	0 - 09:49 hrs	19.87	82.84	0.88	11.21	350.01	3.95	7.30	0.00	0.00	0.00	28.36	0 - 09:49 hrs
1045	☐	SWMH-O3-019	10.04	49.85	Maximum	0.00	0 - 09:51 hrs	0.00	75.54	0.00	10.35	824.41	2.93	5.52	0.00	0.00	0.00	30.26	0 - 09:51 hrs
1046	☐	SWMH-O3-020	7.85	45.99	Surcharged	0.00	0 - 09:47 hrs	0.00	131.32	0.00	18.06	5,130.68	6.94	3.35	0.00	1.57	1.79	78.72	0 - 10:03 hrs
1047	☐	SWMH-O3-021	8.57	47.07	Maximum	1.38	0 - 09:56 hrs	43.10	139.11	2.09	18.40	1,296.41	6.68	4.07	1.38	0.00	0.00	0.00	0 - 00:00 hrs
1048	☐	SWMH-O3-022	9.02	48.55	Maximum	0.00	0 - 09:51 hrs	10.66	140.83	0.91	16.57	3,819.49	5.48	4.02	0.00	0.42	0.79	44.55	0 - 09:59 hrs
1049	☐	SWMH-O3-025	7.83	49.19	Maximum	0.00	0 - 09:51 hrs	0.00	17.39	0.00	1.59	-23.08	3.38	5.62	0.00	0.00	0.00	5.51	0 - 09:51 hrs
1050	☐	SWMH-O3-031	6.53	49.40	Surcharged	0.00	0 - 09:51 hrs	0.00	6.33	0.00	0.29	-43.66	5.51	4.78	0.00	0.00	0.05	5.83	0 - 09:51 hrs
1051	☐	SWMH-O3-032	5.82	49.42	Surcharged	0.00	0 - 09:51 hrs	0.00	7.23	0.00	0.31	-63.26	5.03	4.19	0.00	0.02	0.73	6.84	0 - 09:51 hrs
1052	☐	SWMH-O3-033	5.46	49.86	Maximum	0.00	0 - 09:52 hrs	9.36	9.36	0.35	0.35	111.24	4.59	3.60	0.00	0.01	0.23	5.38	0 - 09:52 hrs
1053	☐	SWMH-O3-034	5.60	45.85	Maximum	0.00	0 - 09:47 hrs	10.46	18.26	0.40	0.73	0.00	7.92	4.10	0.00	0.51	2.12	18.25	0 - 09:59 hrs
1054	☐	SWMH-O3-036	7.45	49.19	Surcharged	0.00	0 - 09:51 hrs	18.37	20.21	0.79	1.09	186.76	6.45	5.43	0.00	0.09	0.64	12.77	0 - 09:59 hrs
1055	☐	SWMH-O4-001	8.89	50.24	Maximum	0.00	0 - 09:52 hrs	0.00	61.42	0.00	8.76	548.59	2.60	4.82	0.00	0.00	0.00	22.29	0 - 09:52 hrs
1056	☐	SWMH-O4-002	7.15	52.76	Maximum	0.00	0 - 09:52 hrs	0.00	28.79	0.00	3.13	-54.54	2.22	4.08	0.00	0.00	0.00	3.30	0 - 09:52 hrs
1057	☐	SWMH-O4-003	8.32	54.58	Maximum	0.00	0 - 09:52 hrs	5.40	29.11	0.19	3.13	-121.94	2.17	5.25	0.00	0.00	0.00	3.02	0 - 09:52 hrs
1058	☐	SWMH-O4-004	9.10	56.03	Surcharged	0.00	0 - 09:52 hrs	5.08	29.07	0.17	2.94	230.78	2.10	6.10	0.00	0.00	0.00	8.88	0 - 09:52 hrs
1059	☐	SWMH-O4-005	7.25	54.81	Surcharged	0.00	0 - 09:52 hrs	0.00	26.26	0.00	2.77	270.39	2.17	4.43	0.00	0.00	0.00	1.76	0 - 09:52 hrs
1060	☐	SWMH-O4-006	6.92	53.47	Surcharged	0.00	0 - 09:51 hrs	24.62	65.01	1.17	6.36	833.10	4.24	3.86	0.00	0.65	1.08	46.05	0 - 09:59 hrs
1061	☐	SWMH-O4-007	6.89	55.52	Maximum	0.06	0 - 09:52 hrs	34.28	49.43	1.52	4.25	678.42	3.01	3.84	0.06	0.00	0.00	0.00	0 - 00:00 hrs
1062	☐	SWMH-O4-008	7.62	56.49	Maximum	0.60	0 - 09:52 hrs	0.00	21.36	0.00	2.74	536.21	2.80	4.28	0.60	0.00	0.00	0.00	0 - 00:00 hrs
1063	☐	SWMH-O4-010	6.15	54.20	Maximum	0.00	0 - 09:51 hrs	0.00	11.33	0.00	1.08	128.37	4.12	4.15	0.00	0.00	0.05	7.44	0 - 09:51 hrs
1064	☐	SWMH-O4-013	7.90	49.65	Surcharged	0.00	0 - 09:51 hrs	0.00	17.40	0.00	1.59	213.45	3.33	5.72	0.00	0.00	0.00	0.68	0 - 09:51 hrs
1065	☐	SWMH-O4-014	7.68	49.67	Surcharged	0.00	0 - 09:51 hrs	0.00	17.44	0.00	1.59	-57.28	3.23	5.47	0.00	0.00	0.01	0.27	0 - 09:51 hrs
1066	☐	SWMH-O4-015	7.51	50.11	Maximum	0.00	0 - 09:51 hrs	36.33	36.33	1.80	1.80	0.00	2.94	5.13	0.00	0.21	0.66	25.19	0 - 10:03 hrs
1067	☐	SWMH-O4-016	7.40	54.35	Surcharged	0.00	0 - 09:48 hrs	22.95	24.34	1.00	1.16	216.79	3.58	5.90	0.00	0.19	0.93	19.11	0 - 09:59 hrs
1068	☐	SWMH-O4-018	5.58	58.50	Surcharged	0.00	0 - 09:52 hrs	0.00	2.87	0.00	0.69	320.60	6.36	4.58	0.00	0.00	0.01	0.04	0 - 09:52 hrs
1069	☐	SWMH-O4-019	4.55	49.85	Surcharged	0.00	0 - 09:52 hrs	0.00	6.29	0.00	0.00	0.00	2.28	3.55	0.00	0.00	0.00	5.88	0 - 09:52 hrs
1070	☐	SWMH-O4-020	7.60	49.34	Surcharged	0.00	0 - 09:52 hrs	21.34	91.24	0.95	9.17	532.76	2.49	3.20	0.00	0.39	0.60	50.01	0 - 09:59 hrs
1071	☐	SWMH-O4-023	5.05	56.11	Surcharged	0.00	0 - 09:49 hrs	12.17	12.17	0.47	0.47	0.00	2.80	3.80	0.00	0.07	0.65	9.31	0 - 09:59 hrs
1072	☐	SWMH-O4-025	5.90	56.32	Surcharged	0.00	0 - 09:52 hrs	0.00	8.54	0.00	0.00	0.00	2.73	4.15	0.00	0.00	0.01	8.02	0 - 09:52 hrs
1073	☐	SWMH-O4-026	7.72	56.69	Surcharged	0.00	0 - 09:52 hrs	0.00	19.95	0.00	0.80	121.72	2.44	3.80	0.00	0.00	0.01	18.10	0 - 09:52 hrs
1074	☐	SWMH-O4-030	4.85	56.41	Surcharged	0.00	0 - 09:49 hrs	7.98	7.98	0.29	0.29	69.06	2.61	3.75	0.00	0.02	0.29	3.74	0 - 09:59 hrs
1075	☐	SWMH-O5-001	12.22	54.32	Maximum	4.43	0 - 09:59 hrs	0.00	126.09	0.00	17.37	8,079.35	47.86	7.21	4.43	0.00	0.00	0.00	0 - 00:00 hrs
1076	☐	SWMH-O5-002	12.26	55.11	Maximum	2.39	0 - 09:57 hrs	0.00	126.07	0.00	17.31	9,809.61	47.71	6.97	2.39	0.00	0.00	0.00	0 - 00:00 hrs
1077	☐	SWMH-O5-003	12.07	56.20	Maximum	3.20	0 - 09:56 hrs	0.00	111.07	0.00	15.37	13,300.22	46.81	6.88	3.20	0.00	0.00	0.00	0 - 00:00 hrs
1078	☐	SWMH-O5-004	11.93	56.88	Maximum	0.97	0 - 09:56 hrs	0.00	111.09	0.00	15.25	7,364.86	8.98	6.93	0.97	0.00	0.00	0.00	0 - 00:00 hrs

FUTURE CONDITIONS 20-YR 24-HR JUNCTIONS

		ID	Maximum Depth (ft)	Maximum HGL (ft)	Maximum HGL Head Class	Freeboard (ft)	Max.Depth Day-Time (day-time)	Maximum Lateral Inflow (cfs)	Maximum Total Inflow (cfs)	Lateral Inflow Volume (MG)	Total Inflow Volume (MG)	Flow Volume Difference (MG)	Total Surcharge Time (hrs)	Max.Surchar ge Height Above Ground	Min.Surchar ge Depth Below Rim (ft)	Total Flood Volume (MG)	Total Flood Time (hrs)	Maximum Flood Rate (cfs)	Max.Flood Day-Time (day-time)
1079	☐	SWMH-O5-005	11.77	57.40	Maximum	0.28	0 - 09:56 hrs	0.00	111.15	0.00	15.18	4,571.53	4.97	6.62	0.28	0.00	0.00	0.00	0 - 00:00 hrs
1080	☐	SWMH-O5-006	11.50	57.68	Surcharged	0.00	0 - 09:48 hrs	0.00	177.09	0.00	15.75	3,990.55	4.20	6.42	0.00	0.62	0.61	74.71	0 - 10:03 hrs
1081	☐	SWMH-O5-007	11.58	58.64	Maximum	0.86	0 - 10:02 hrs	82.48	177.10	4.48	15.70	3,420.91	3.35	6.58	0.86	0.00	0.00	0.00	0 - 00:00 hrs
1082	☐	SWMH-O5-009	5.50	57.63	Maximum	0.00	0 - 09:52 hrs	0.00	14.33	0.00	1.08	497.54	2.50	3.10	0.00	0.07	1.00	13.95	0 - 09:52 hrs
1083	☐	SWMH-O5-010	8.40	59.83	Surcharged	0.00	0 - 09:56 hrs	20.43	20.43	0.81	1.99	0.00	3.38	4.85	0.00	0.00	0.00	0.02	0 - 09:56 hrs
1084	☐	SWMH-O5-013	4.90	58.05	Maximum	0.00	0 - 09:52 hrs	28.88	28.88	1.34	1.34	0.00	2.64	3.15	0.00	0.26	1.08	22.96	0 - 09:59 hrs
1085	☐	SWMH-O5-014	6.20	59.46	Surcharged	0.00	0 - 09:52 hrs	0.00	14.32	0.00	1.95	186.68	3.56	4.55	0.00	0.07	0.43	12.12	0 - 09:59 hrs
1086	☐	SWMH-O5-015	5.90	59.78	Maximum	0.00	0 - 09:37 hrs	21.55	21.55	0.86	0.86	0.00	10.50	4.90	0.00	0.25	1.48	20.58	0 - 09:59 hrs
1087	☐	SWMH-O5-019	5.90	59.96	Surcharged	0.00	0 - 09:42 hrs	39.10	39.10	1.72	1.72	0.00	4.64	4.38	0.00	0.43	1.27	35.61	0 - 09:59 hrs
1088	☐	SWMH-O5-021	9.80	55.90	Surcharged	0.00	0 - 09:56 hrs	0.00	15.78	0.00	1.87	819.47	47.68	7.60	0.00	0.00	0.00	0.02	0 - 10:00 hrs
1089	☐	SWMH-O5-022	9.80	57.12	Surcharged	0.00	0 - 09:57 hrs	0.00	15.77	0.00	1.87	739.67	46.79	7.78	0.00	0.00	0.00	0.00	0 - 09:57 hrs
1090	☐	SWMH-O5-023	9.42	57.56	Maximum	0.00	0 - 09:48 hrs	41.94	41.94	2.09	2.10	395.71	7.37	7.34	0.00	0.24	0.68	28.16	0 - 10:03 hrs
1091	☐	SWMH-O5-024	5.82	58.53	Maximum	0.00	0 - 09:48 hrs	0.00	2.60	0.00	0.00	0.00	1.83	3.82	0.00	0.00	0.00	2.13	0 - 09:48 hrs
1092	☐	SWMH-O6-005	11.20	62.91	Maximum	0.00	0 - 09:45 hrs	139.00	139.00	7.13	7.13	0.00	3.35	8.45	0.00	1.04	0.92	104.46	0 - 10:03 hrs
1093	☐	SWMH-O6-006	10.95	58.65	Surcharged	0.00	0 - 00:03 hrs	0.00	67.65	0.00	11.30	7,539.75	47.89	7.40	0.00	0.00	0.00	15.82	0 - 00:03 hrs
1094	☐	SWMH-O6-007	11.48	59.57	Surcharged	0.00	0 - 00:04 hrs	0.00	59.93	0.00	11.24	3,717.66	47.83	7.80	0.00	0.00	0.00	20.13	0 - 00:04 hrs
1095	☐	SWMH-O6-008	10.50	59.03	Maximum	0.00	0 - 00:06 hrs	95.35	107.69	5.18	11.72	4,955.50	47.80	7.00	0.00	0.51	0.73	58.33	0 - 10:03 hrs
1096	☐	SWMH-O6-009	9.57	59.44	Maximum	2.53	0 - 10:06 hrs	0.00	27.12	0.00	6.48	2,356.32	47.71	6.47	2.53	0.00	0.00	0.00	0 - 00:00 hrs
1097	☐	SWMH-O7-001	13.20	64.17	Maximum	0.00	0 - 10:04 hrs	21.16	161.87	0.89	13.84	8,013.95	0.07	5.65	0.00	0.00	0.00	8.02	0 - 10:04 hrs
1098	☐	SWMH-O7-002	15.40	64.27	Maximum	0.00	0 - 00:00 hrs	0.00	183.05	0.00	14.73	6,266.27	47.96	10.40	0.00	0.00	0.00	120.49	0 - 00:00 hrs
1099	☐	SWMH-O7-004	9.75	59.62	Surcharged	0.00	0 - 00:00 hrs	0.00	101.32	0.00	0.72	2,263.83	47.97	6.82	0.00	0.01	0.01	84.10	0 - 00:00 hrs
1100	☐	SWMH-O7-005	9.00	64.11	Maximum	0.00	0 - 09:47 hrs	23.83	23.83	1.01	1.01	0.00	4.92	7.75	0.00	0.14	0.76	17.01	0 - 09:59 hrs
1101	☐	SWMH-O7-006	6.74	59.47	Maximum	4.58	0 - 00:02 hrs	0.00	19.33	0.00	0.88	630.14	47.93	4.99	4.58	0.00	0.00	0.00	0 - 00:00 hrs
1102	☐	SWMH-O8-001	2.40	61.33	Flow Link Cro	8.67	0 - 10:06 hrs	0.00	45.22	0.00	7.33	1,489.51	0.00	0.00	0.00	0.00	0.00	0.00	0 - 00:00 hrs
1103	☐	SWMH-O8-002	10.49	63.15	Maximum	0.71	0 - 10:04 hrs	0.00	96.88	0.00	5.46	2,207.39	0.68	5.49	0.71	0.00	0.00	0.00	0 - 00:00 hrs
1104	☐	SWMH-O8-003	11.22	63.06	Maximum	2.08	0 - 10:04 hrs	0.00	96.88	0.00	5.55	6,540.62	1.03	6.22	2.08	0.00	0.00	0.00	0 - 00:00 hrs
1105	☐	SWMH-O8-004	10.65	63.98	Maximum	1.95	0 - 10:04 hrs	0.00	96.84	0.00	5.41	1,870.33	0.53	5.65	1.95	0.00	0.00	0.00	0 - 00:00 hrs
1106	☐	SWMH-O8-005	10.92	64.92	Maximum	0.28	0 - 10:04 hrs	0.00	96.85	0.00	5.35	1,228.26	0.35	5.92	0.28	0.00	0.00	0.00	0 - 00:00 hrs
1107	☐	SWMH-O8-006	12.00	66.83	Maximum	0.78	0 - 10:04 hrs	0.00	96.80	0.00	5.33	-383.44	0.22	6.92	0.78	0.00	0.00	0.00	0 - 00:00 hrs
1108	☐	SWMH-O8-007	12.28	68.10	Maximum	2.02	0 - 10:04 hrs	46.38	95.81	2.28	5.32	322.39	0.06	7.18	2.02	0.00	0.00	0.00	0 - 00:00 hrs
1109	☐	SWMH-O8-009	1.48	64.03	Flow Link Cro	9.97	0 - 10:06 hrs	0.00	50.73	0.00	3.04	227.78	0.00	0.00	0.00	0.00	0.00	0.00	0 - 00:00 hrs
1110	☐	SWMH-O8-010	8.15	77.30	Surcharged	0.00	0 - 09:45 hrs	80.80	80.80	4.98	4.98	0.00	5.09	6.15	0.00	0.90	2.03	60.75	0 - 10:03 hrs
1111	☐	SWMH-O8-011	1.15	57.78	Flow Link Cro	6.03	0 - 09:59 hrs	5.42	5.42	0.18	0.18	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0 - 00:00 hrs
1112	☐	SWMH-O8-012	1.58	58.87	Flow Link Cro	5.42	0 - 10:04 hrs	0.00	11.68	0.00	0.48	83.48	0.00	0.00	0.00	0.00	0.00	0.00	0 - 00:00 hrs
1113	☐	SWMH-O8-013	2.02	57.11	Flow Link Cro	7.38	0 - 10:04 hrs	0.00	16.04	0.00	0.67	63.41	0.00	0.00	0.00	0.00	0.00	0.00	0 - 00:00 hrs
1114	☐	SWMH-O8-014	1.40	59.41	Flow Link Cro	5.50	0 - 10:04 hrs	9.80	12.27	0.38	0.48	47.39	0.00	0.00	0.00	0.00	0.00	0.00	0 - 00:00 hrs
1115	☐	SWMH-O8-015	1.24	57.58	Flow Link Cro	7.41	0 - 10:06 hrs	0.00	11.53	0.00	0.48	40.51	0.00	0.00	0.00	0.00	0.00	0.00	0 - 00:00 hrs
1116	☐	SWMH-O8-016	0.69	59.65	Flow Link Cro	5.11	0 - 10:04 hrs	0.00	2.77	0.00	0.10	5.53	0.00	0.00	0.00	0.00	0.00	0.00	0 - 00:00 hrs
1117	☐	SWMH-O8-017	0.76	59.84	Flow Link Cro	5.64	0 - 09:59 hrs	0.00	2.78	0.00	0.10	1.95	0.00	0.00	0.00	0.00	0.00	0.00	0 - 00:00 hrs
1118	☐	SWMH-O8-018	0.64	60.36	Flow Link Cro	6.21	0 - 09:59 hrs	2.88	2.88	0.10	0.10	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0 - 00:00 hrs
1119	☐	SWMH-O8-019	4.55	56.70	Flow Link Cro	6.07	0 - 00:02 hrs	0.00	33.60	0.00	0.70	1,171.27	0.00	0.00	0.00	0.00	0.00	0.00	0 - 00:00 hrs
1120	☐	SWMH-P3-001	10.77	46.47	Surcharged	-0.57	0 - 09:47 hrs	20.93	75.55	0.92	17.38	2,858.49	7.73	5.12	0.00	0.00	0.00	0.00	0 - 00:00 hrs
1121	☐	SWMH-P3-004	10.84	51.33	Maximum	0.00	0 - 09:51 hrs	31.72	95.36	1.50	11.64	-2,260.72	5.27	6.34	0.00	0.00	0.00	66.85	0 - 09:51 hrs
1122	☐	SWMH-P4-002	12.10	54.29	Maximum	0.00	0 - 09:52 hrs	17.96	79.68	0.71	10.16	1,916.96	4.70	7.60	0.00	0.01	0.01	54.53	0 - 09:52 hrs
1123	☐	SWMH-P4-003	12.44	55.15	Maximum	1.57	0 - 09:52 hrs	0.00	70.48	0.00	9.46	2,787.58	4.85	8.44	1.57	0.00	0.00	0.00	0 - 00:00 hrs
1124	☐	SWMH-P4-007	14.33	59.00	Maximum	0.00	0 - 09:52 hrs	17.80	35.09	0.72	3.81	892.98	5.31	11.83	0.00	0.00	0.00	0.26	0 - 09:52 hrs
1125	☐	SWMH-P4-009	8.05	57.45	Maximum	0.00	0 - 09:51 hrs	21.15	47.66	0.92	2.75	-13.36	3.22	5.20	0.00	0.42	0.78	47.61	0 - 09:59 hrs
1126	☐	SWMH-P5-001	11.78	59.86	Maximum	1.02	0 - 10:00 hrs	58.08	95.68	2.82	11.17	1,962.32	3.16	7.27	1.02	0.00	0.00	0.00	0 - 00:00 hrs
1127	☐	SWMH-P5-002	9.63	60.14	Maximum	3.86	0 - 10:00 hrs	0.00	51.81	0.00	8.28	122.88	2.28	5.13	3.86	0.00	0.00	0.00	0 - 00:00 hrs

FUTURE CONDITIONS 20-YR 24-HR JUNCTIONS

		ID	Maximum Depth (ft)	Maximum HGL (ft)	Maximum HGL Head Class	Freeboard (ft)	Max.Depth Day-Time (day-time)	Maximum Lateral Inflow (cfs)	Maximum Total Inflow (cfs)	Lateral Inflow Volume (MG)	Total Inflow Volume (MG)	Flow Volume Difference (MG)	Total Surcharge Time (hrs)	Max.Surchar ge Height Above Ground (ft)	Min.Surchar ge Depth Below Rim (ft)	Total Flood Volume (MG)	Total Flood Time (hrs)	Maximum Flood Rate (cfs)	Max.Flood Day-Time (day-time)
1128	☐	SWMH-P5-003	8.78	60.00	w Maximum	0.00	0 - 09:48 hrs	53.98	85.42	2.78	8.55	988.39	2.09	4.28	0.00	0.27	0.39	48.83	0 - 10:03 hrs
1129	☐	SWMH-P5-005	8.85	61.25	w Maximum	0.00	0 - 09:48 hrs	55.02	55.02	2.87	6.03	713.79	2.59	5.85	0.00	0.00	0.08	13.84	0 - 09:48 hrs
1130	☐	SWMH-P5-006	4.71	59.82	w Maximum	0.00	0 - 09:49 hrs	75.60	97.80	4.18	4.42	0.00	2.14	1.71	0.00	1.27	0.95	97.77	0 - 10:03 hrs
1131	☐	SWMH-P5-008	13.95	59.54	w Maximum	0.00	0 - 09:44 hrs	18.82	18.82	0.77	0.77	0.00	5.04	11.70	0.00	0.00	0.04	4.16	0 - 09:44 hrs
1132	☐	SWMH-P5-014	7.00	58.01	w Maximum	0.00	0 - 09:51 hrs	19.12	19.12	0.80	0.80	0.00	2.83	4.69	0.00	0.01	0.21	15.33	0 - 09:51 hrs
1133	☐	SWMH-P6-001	15.39	68.87	Surcharged	0.00	0 - 09:48 hrs	0.00	30.28	0.00	3.38	-2,286.60	2.35	12.39	0.00	0.00	0.00	27.65	0 - 09:48 hrs
1134	☐	SWMH-P6-002	8.69	59.68	w Maximum	4.81	0 - 10:29 hrs	0.00	23.91	0.00	6.49	3,403.86	23.87	4.82	4.81	0.00	0.00	0.00	0 - 00:00 hrs
1135	☐	SWMH-P6-003	8.01	59.71	w Maximum	5.89	0 - 09:49 hrs	0.00	12.04	0.00	2.24	2,063.87	47.33	5.50	5.89	0.00	0.00	0.00	0 - 00:00 hrs
1136	☐	SWMH-P6-004	7.20	59.61	Surcharged	0.00	0 - 09:37 hrs	0.00	33.22	0.00	2.82	2,197.83	11.15	4.20	0.00	0.60	1.36	28.28	0 - 10:03 hrs
1137	☐	SWMH-P6-005	5.15	69.66	w Maximum	3.25	0 - 09:55 hrs	0.00	35.51	0.00	2.80	353.31	0.74	2.65	3.25	0.00	0.00	0.00	0 - 00:00 hrs
1138	☐	SWMH-P6-006	11.46	62.88	Surcharged	0.00	0 - 00:15 hrs	23.28	28.46	1.06	3.20	4,733.46	47.49	8.46	0.00	0.00	0.00	13.84	0 - 00:15 hrs
1139	☐	SWMH-P6-008	14.65	64.19	Surcharged	0.00	0 - 00:07 hrs	36.54	111.12	1.61	8.64	15,294.26	47.73	9.65	0.00	0.00	0.00	36.73	0 - 00:07 hrs
1140	☐	SWMH-P6-010	8.63	60.48	Surcharged	0.00	0 - 00:12 hrs	79.46	79.46	4.05	5.62	0.00	47.60	6.85	0.00	0.79	1.29	64.19	0 - 10:03 hrs
1141	☐	SWMH-P7-001	11.53	59.07	w Maximum	0.00	0 - 00:02 hrs	0.00	201.89	0.00	8.91	9,157.60	47.92	6.53	0.00	0.00	0.01	52.26	0 - 00:02 hrs
1142	☐	SWMH-P7-002	12.12	59.86	w Maximum	3.08	0 - 00:07 hrs	0.00	209.41	0.00	8.82	4,956.34	47.92	7.12	3.08	0.00	0.00	0.00	0 - 00:00 hrs
1143	☐	SWMH-P7-003	8.60	56.90	w Maximum	0.00	0 - 00:02 hrs	0.00	23.83	0.00	2.15	489.64	47.92	6.10	0.00	0.00	0.03	13.51	0 - 00:02 hrs
1144	☐	SWMH-P7-004	8.00	57.26	w Maximum	0.00	0 - 00:03 hrs	0.00	23.85	0.00	2.14	947.42	47.90	6.00	0.00	0.00	0.00	20.09	0 - 00:03 hrs
1145	☐	SWMH-P7-005	7.40	57.47	w Maximum	0.00	0 - 00:04 hrs	0.00	16.94	0.00	2.13	1,033.26	47.85	5.40	0.00	0.00	0.00	8.87	0 - 00:04 hrs
1146	☐	SWMH-P7-006	6.10	56.33	Surcharged	0.00	0 - 00:07 hrs	0.00	14.26	0.00	2.70	2,408.64	47.76	4.10	0.00	1.12	12.10	12.91	0 - 00:07 hrs
1147	☐	SWMH-Q6-002	8.80	61.42	w Maximum	0.00	0 - 00:18 hrs	0.00	23.28	0.00	2.15	3,040.29	47.38	6.05	0.00	0.00	0.00	6.07	0 - 00:18 hrs
1148	☐	SWMH-Q6-003	6.80	59.73	w Maximum	0.00	0 - 09:38 hrs	0.00	28.87	0.00	2.42	1,154.37	47.38	4.30	0.00	0.33	0.95	28.85	0 - 09:59 hrs
1149	☐	SWMH-Q6-004	6.59	61.25	w Maximum	0.89	0 - 10:00 hrs	0.00	19.31	0.00	2.33	499.45	6.73	4.09	0.89	0.00	0.00	0.00	0 - 00:00 hrs
1150	☐	SWMH-Q6-005	8.78	64.58	Surcharged	0.00	0 - 09:48 hrs	0.00	23.24	0.00	2.37	125.24	5.28	6.78	0.00	0.06	0.68	4.03	0 - 10:00 hrs
1151	☐	SWMH-Q6-006	9.10	65.48	Surcharged	0.00	0 - 09:48 hrs	53.29	53.29	2.58	2.58	0.00	3.69	7.10	0.00	0.21	0.55	30.03	0 - 10:03 hrs
1152	☐	SWMH-Q6-007	5.95	59.21	w Maximum	0.00	0 - 00:16 hrs	0.00	12.14	0.00	1.35	585.88	47.44	3.56	0.00	0.12	0.81	12.14	0 - 10:07 hrs
1153	☐	SWMH-Q6-008	9.87	60.32	w Maximum	4.43	0 - 09:56 hrs	28.91	69.49	1.34	6.94	17,381.97	47.52	5.37	4.43	0.00	0.00	0.00	0 - 00:00 hrs
1154	☐	SWMH-Q6-010	8.00	59.67	w Maximum	0.00	0 - 00:15 hrs	0.00	26.43	0.00	2.37	5,474.10	47.50	4.90	0.00	0.04	0.24	9.65	0 - 09:59 hrs
1155	☐	SWMH-Q6-011	10.53	64.16	Surcharged	0.00	0 - 00:16 hrs	24.12	24.12	1.10	1.11	0.00	47.44	8.53	0.00	0.01	0.19	7.13	0 - 00:16 hrs
1156	☐	SWMH-Q7-001	14.66	60.30	w Maximum	0.00	0 - 00:00 hrs	0.00	360.97	0.00	9.21	10,504.73	47.97	8.66	0.00	0.02	0.00	296.03	0 - 00:00 hrs
1157	☐	SWMH-Q7-002	11.95	64.99	w Maximum	0.00	0 - 00:03 hrs	0.00	83.65	0.00	2.54	6,528.42	47.87	7.95	0.00	0.00	0.00	60.18	0 - 00:03 hrs
1158	☐	SWMH-Q7-003	11.01	64.16	w Maximum	1.24	0 - 00:03 hrs	0.00	87.20	0.00	2.59	0.00	47.87	7.01	1.24	0.00	0.00	0.00	0 - 00:00 hrs
1159	☐	SWMH-R7-001	4.00	61.11	Surcharged	0.00	0 - 00:08 hrs	58.57	58.57	3.00	3.00	0.00	7.50	2.00	0.00	0.54	1.29	45.82	0 - 10:03 hrs
1160	☐	SWMH-R7-002	3.90	60.84	w Maximum	0.00	0 - 00:08 hrs	0.00	12.73	0.00	2.47	307.68	8.24	1.90	0.00	0.03	1.33	1.57	0 - 00:09 hrs
1161	☐	SWMH-R7-003	4.14	60.60	w Maximum	0.56	0 - 00:09 hrs	0.00	12.02	0.00	2.46	698.07	27.54	2.13	0.56	0.00	0.00	0.00	0 - 00:00 hrs
1162	☐	SWMH-R7-004	4.37	60.46	w Maximum	0.33	0 - 00:09 hrs	0.00	15.00	0.00	2.46	382.15	47.76	2.37	0.33	0.00	0.00	0.00	0 - 00:00 hrs
1163	☐	SWMH-R7-006?	4.56	60.18	w Maximum	0.99	0 - 00:09 hrs	0.00	22.06	0.00	2.47	933.73	47.81	2.51	0.99	0.00	0.00	0.00	0 - 00:00 hrs
1164	☐	SWMH-R7-007	7.62	62.36	w Maximum	0.00	0 - 00:05 hrs	0.00	28.87	0.00	2.48	0.00	47.83	4.19	0.00	0.00	0.00	11.27	0 - 00:05 hrs
1165	☐	SWMH-R7-008	7.10	61.85	w Maximum	0.40	0 - 00:05 hrs	0.00	42.70	0.00	2.49	1,839.78	47.84	4.10	0.40	0.00	0.00	0.00	0 - 00:00 hrs
1166	☐	WESTRIDGE_OTL_1	6.28	46.78	Surcharged	-5.28	0 - 10:03 hrs	0.00	10.04	0.00	4.78	96.85	47.97	4.78	0.00	0.00	0.00	0.00	0 - 00:00 hrs
1167	☐	WESTRIDGE_OTL_2	4.28	47.15	Flow Link Cro	-2.53	0 - 09:59 hrs	0.00	30.13	0.00	1.80	-160.36	0.00	0.00	0.00	0.00	0.00	0.00	0 - 00:00 hrs
1168	☐	WG-PT-2109	5.54	44.14	w Maximum	0.04	0 - 09:42 hrs	0.00	14.73	0.00	2.99	459.38	8.05	3.54	0.04	0.00	0.00	0.00	0 - 00:00 hrs
1169	☐	WG-PT-2126	6.15	54.98	Surcharged	0.00	0 - 09:52 hrs	0.00	49.44	0.00	4.24	0.00	2.86	3.10	0.00	0.14	0.48	20.31	0 - 09:59 hrs
1170	☐	WG-PT-2130	5.83	43.11	w Maximum	0.97	0 - 09:57 hrs	0.00	0.96	0.00	0.00	0.00	10.56	4.08	0.97	0.00	0.00	0.00	0 - 00:00 hrs
1171	☐	WG-PT-2135	6.21	43.31	w Maximum	0.64	0 - 09:52 hrs	2.29	16.99	0.08	2.38	0.00	7.35	3.46	0.64	0.00	0.00	0.00	0 - 00:00 hrs
1172	☐	WG-PT-2149	13.95	57.93	Surcharged	0.00	0 - 09:52 hrs	0.00	33.17	0.00	3.77	476.79	5.65	11.30	0.00	0.00	0.00	0.30	0 - 09:52 hrs
1173	☐	WG-PT-2174	7.05	49.18	Surcharged	0.00	0 - 09:53 hrs	0.00	37.75	0.00	1.02	-447.21	2.37	4.30	0.00	0.00	0.01	27.62	0 - 09:53 hrs
1174	☐	WG-PT-2176	7.88	49.29	Surcharged	0.00	0 - 09:53 hrs	0.00	18.78	0.00	1.54	109.50	2.87	4.95	0.00	0.00	0.00	4.48	0 - 09:53 hrs
1175	☐	WG-PT-2179	7.05	49.48	Surcharged	0.00	0 - 09:49 hrs	0.00	5.70	0.00	0.29	-64.75	6.07	5.30	0.00	0.00	0.00	4.35	0 - 09:49 hrs
1176	☐	WG-PT-2187	8.14	50.70	Surcharged	0.00	0 - 09:52 hrs	0.00	59.96	0.00	7.72	466.12	2.64	4.64	0.00	0.00	0.00	29.38	0 - 09:52 hrs

FUTURE CONDITIONS 20-YR 24-HR JUNCTIONS

		ID	Maximum Depth (ft)	Maximum HGL (ft)	Maximum HGL Head Class	Freeboard (ft)	Max.Depth Day-Time (day-time)	Maximum Lateral Inflow (cfs)	Maximum Total Inflow (cfs)	Lateral Inflow Volume (MG)	Total Inflow Volume (MG)	Flow Volume Difference (MG)	Total Surcharge Time (hrs)	Max.Surchar ge Height Above Crown	Min.Surchar ge Depth Below Rim	Total Flood Volume (MG)	Total Flood Time (hrs)	Maximum Flood Rate (cfs)	Max.Flood Day-Time (day-time)
1177	☐	WG-PT-2197	5.10	46.16	W Maximum	0.00	0 - 09:45 hrs	19.32	23.22	0.81	0.84	0.00	6.24	3.05	0.00	0.19	0.68	23.19	0 - 09:59 hrs
1178	☐	WG-PT-2198	5.45	46.20	W Maximum	0.00	0 - 09:48 hrs	0.00	6.48	0.00	0.67	65.31	7.25	3.45	0.00	0.01	0.26	2.50	0 - 09:59 hrs
1179	☐	WG-PT-2232	7.50	52.38	W Maximum	0.00	0 - 09:08 hrs	0.00	11.63	0.00	1.15	0.00	6.94	5.38	0.00	0.00	0.00	2.94	0 - 09:08 hrs
1180	☐	WG-PT-2234	7.61	50.55	W Maximum	0.60	0 - 09:53 hrs	0.00	25.72	0.00	6.03	495.64	7.79	5.11	0.60	0.00	0.00	0.00	0 - 00:00 hrs
1181	☐	WG-PT-2235	5.61	49.90	W Maximum	0.80	0 - 09:59 hrs	0.00	12.75	0.00	3.24	440.11	9.57	3.61	0.80	0.00	0.00	0.00	0 - 00:00 hrs
1182	☐	WG-PT-2236	5.11	49.48	W Maximum	0.00	0 - 08:56 hrs	0.00	28.27	0.00	3.99	149.53	9.66	3.11	0.00	0.98	3.30	28.26	0 - 10:06 hrs
1183	☐	WG-PT-2238	6.22	51.22	W Maximum	0.00	0 - 09:48 hrs	0.00	20.51	0.00	3.79	158.41	9.27	4.22	0.00	0.01	0.21	3.99	0 - 09:59 hrs
1184	☐	WG-PT-2269	7.11	53.69	W Maximum	2.89	0 - 09:59 hrs	0.00	44.98	0.00	0.57	566.16	3.81	4.36	2.89	0.00	0.00	0.00	0 - 00:00 hrs
1185	☐	WG-PT-2318	5.90	45.23	Surcharged	0.00	0 - 00:03 hrs	0.00	49.38	0.00	2.80	348.35	47.88	3.10	0.00	0.44	1.07	35.28	0 - 10:02 hrs
1186	☐	WG-PT-2330	5.80	43.27	W Maximum	0.00	0 - 02:15 hrs	41.60	41.60	1.68	1.68	0.00	43.47	3.70	0.00	1.67	21.73	41.55	0 - 09:59 hrs
1187	☐	WG-PT-2425	6.30	76.74	W Maximum	0.99	0 - 10:03 hrs	0.00	35.75	0.00	4.42	63.39	2.75	3.60	0.99	0.00	0.00	0.00	0 - 00:00 hrs
1188	☐	WG-PT-2426	5.99	76.32	W Maximum	1.21	0 - 10:00 hrs	0.00	35.80	0.00	4.42	83.42	2.95	3.49	1.21	0.00	0.00	0.00	0 - 00:00 hrs
1189	☐	WG-PT-2434	5.95	69.50	Surcharged	0.00	0 - 09:52 hrs	0.00	44.92	0.00	6.03	385.39	1.99	3.30	0.00	0.00	0.29	7.04	0 - 09:52 hrs
1190	☐	WG-PT-2438	5.50	76.72	W Maximum	0.00	0 - 09:52 hrs	0.00	37.76	0.00	5.11	56.52	2.01	3.00	0.00	0.00	0.00	5.19	0 - 09:52 hrs
1191	☐	WG-PT-2465	6.14	51.72	W Maximum	0.00	0 - 09:45 hrs	0.00	3.56	0.00	0.47	0.00	9.31	4.64	0.00	0.00	0.08	0.03	0 - 09:49 hrs
1192	☐	WG-PT-2469	5.70	51.78	W Maximum	0.15	0 - 10:03 hrs	0.00	9.79	0.00	1.26	15.12	2.53	3.60	0.15	0.00	0.00	0.00	0 - 00:00 hrs
1193	☐	WG-PT-2474	6.25	50.01	W Maximum	0.00	0 - 00:05 hrs	0.00	12.19	0.00	1.61	333.28	47.82	4.25	0.00	0.00	0.60	7.40	0 - 00:05 hrs
1194	☐	WG-PT-2475	6.30	49.95	Surcharged	0.00	0 - 00:05 hrs	0.00	12.50	0.00	1.62	352.29	47.82	4.30	0.00	0.04	1.55	7.46	0 - 00:05 hrs
1195	☐	WG-PT-2476	7.09	50.06	W Maximum	0.06	0 - 10:00 hrs	0.00	16.77	0.00	1.59	742.62	47.88	5.09	0.06	0.00	0.00	0.00	0 - 00:00 hrs
1196	☐	WG-PT-2477	7.06	50.01	W Maximum	0.00	0 - 09:48 hrs	0.00	15.12	0.00	1.58	240.33	47.87	5.06	0.00	0.00	0.01	0.03	0 - 11:41 hrs
1197	☐	WG-PT-2478	7.39	49.93	Surcharged	0.00	0 - 09:48 hrs	0.00	16.31	0.00	1.59	406.48	47.91	5.39	0.00	0.00	0.04	0.04	0 - 09:56 hrs
1198	☐	WG-PT-2480	7.85	49.96	W Maximum	0.00	0 - 00:01 hrs	0.00	19.10	0.00	1.59	222.57	47.94	5.85	0.00	0.00	0.00	5.33	0 - 00:01 hrs
1199	☐	WG-PT-2481	8.64	49.72	Surcharged	0.00	0 - 09:45 hrs	0.00	23.48	0.00	1.67	564.17	47.96	6.09	0.00	0.12	0.63	13.46	0 - 10:03 hrs
1200	☐	WG-PT-2484	8.86	50.09	Surcharged	0.00	0 - 09:57 hrs	0.00	28.62	0.00	1.62	445.88	47.97	6.86	0.00	0.00	0.01	0.03	0 - 10:03 hrs
1201	☐	WG-PT-2485	9.54	50.24	Surcharged	0.00	0 - 09:56 hrs	0.00	32.47	0.00	1.62	509.63	47.98	7.54	0.00	0.01	0.16	1.36	0 - 10:02 hrs
1202	☐	WG-PT-2514	9.03	45.99	W Maximum	2.22	0 - 09:57 hrs	0.00	57.89	0.00	6.71	3,308.70	47.86	5.53	2.22	0.00	0.00	0.00	0 - 00:00 hrs
1203	☐	WG-PT-2523	6.27	44.90	W Maximum	2.23	0 - 09:59 hrs	0.00	34.88	0.00	7.57	723.18	10.17	3.58	2.23	0.00	0.00	0.00	0 - 00:00 hrs
1204	☐	WG-PT-2543	9.85	44.76	W Maximum	0.00	0 - 00:00 hrs	0.00	324.70	0.00	3.39	4,719.13	47.98	4.85	0.00	0.03	0.01	263.61	0 - 00:00 hrs
1205	☐	WG-PT-2574	5.50	83.55	Surcharged	0.00	0 - 09:48 hrs	0.00	19.66	0.00	2.45	105.86	2.34	3.13	0.00	0.00	0.00	6.12	0 - 09:48 hrs
1206	☐	WG-PT-2596	7.23	46.45	W Maximum	0.27	0 - 09:59 hrs	0.00	34.91	0.00	7.56	477.18	8.06	3.99	0.27	0.00	0.00	0.00	0 - 00:00 hrs
1207	☐	WG-PT-2597	7.00	46.26	W Maximum	0.00	0 - 09:56 hrs	0.00	34.87	0.00	7.57	0.00	9.83	4.50	0.00	0.00	0.00	0.08	0 - 09:56 hrs
1208	☐	WG-PT-2599	7.28	46.74	W Maximum	0.12	0 - 09:57 hrs	0.00	20.18	0.00	5.91	349.56	9.45	4.58	0.12	0.00	0.00	0.00	0 - 00:00 hrs
1209	☐	WG-PT-2600	7.21	47.07	W Maximum	0.24	0 - 09:56 hrs	0.00	20.19	0.00	5.91	229.56	9.53	4.71	0.24	0.00	0.00	0.00	0 - 00:00 hrs
1210	☐	WG-PT-2602	7.09	47.43	W Maximum	0.46	0 - 09:56 hrs	0.00	20.14	0.00	5.91	98.48	8.93	4.44	0.46	0.00	0.00	0.00	0 - 00:00 hrs
1211	☐	WG-PT-2606	6.47	48.21	W Maximum	0.62	0 - 09:56 hrs	0.00	20.18	0.00	5.91	159.89	7.47	3.97	0.62	0.00	0.00	0.00	0 - 00:00 hrs
1212	☐	WG-PT-2607	6.52	48.23	W Maximum	0.58	0 - 09:45 hrs	0.00	20.16	0.00	5.91	187.90	7.49	4.02	0.58	0.00	0.00	0.00	0 - 00:00 hrs
1213	☐	WG-PT-2610	5.74	46.01	W Maximum	7.26	0 - 10:03 hrs	0.00	46.49	0.00	2.07	0.00	0.33	0.99	7.26	0.00	0.00	0.00	0 - 00:00 hrs
1214	☐	WG-PT-2612	5.99	85.95	W Maximum	0.56	0 - 09:57 hrs	0.00	24.23	0.00	2.55	14.56	1.84	3.34	0.56	0.00	0.00	0.00	0 - 00:00 hrs
1215	☐	WG-PT-2629	4.00	52.21	Surcharged	0.00	0 - 09:48 hrs	0.00	11.45	0.00	1.38	195.84	1.78	1.75	0.00	0.00	0.00	1.77	0 - 09:48 hrs
1216	☐	WG-PT-2632	7.15	45.53	Surcharged	0.00	0 - 00:02 hrs	0.00	41.30	0.00	2.39	1,909.73	47.91	4.40	0.00	0.00	0.00	18.19	0 - 00:02 hrs
1217	☐	WG-PT-2646	5.20	45.33	Surcharged	0.00	0 - 00:09 hrs	0.00	11.05	0.00	2.55	816.19	47.73	3.20	0.00	0.00	0.00	0.09	0 - 00:09 hrs
1218	☐	WG-PT-2670	7.62	38.16	W Maximum	0.00	0 - 10:07 hrs	0.00	13.43	0.00	2.39	4,862.87	33.09	4.87	0.00	0.27	4.40	3.60	0 - 11:34 hrs
1219	☐	WG-PT-2723	7.20	76.29	W Maximum	0.00	0 - 09:52 hrs	0.00	14.15	0.00	1.00	58.26	1.58	4.85	0.00	0.00	0.00	7.45	0 - 09:52 hrs
1220	☐	WG-PT-2724	7.90	77.64	Surcharged	0.00	0 - 09:53 hrs	0.00	14.15	0.00	1.00	-152.28	1.45	5.35	0.00	0.00	0.00	10.65	0 - 09:53 hrs
1221	☐	WG-PT-2726	7.00	73.49	W Maximum	0.00	0 - 09:56 hrs	0.00	8.24	0.00	0.00	0.00	1.16	5.50	0.00	0.00	0.00	6.76	0 - 09:56 hrs
1222	☐	WG-PT-2731	13.20	83.55	Surcharged	0.00	0 - 09:52 hrs	0.00	45.65	0.00	4.82	-263.30	2.27	10.20	0.00	0.00	0.00	6.10	0 - 09:52 hrs
1223	☐	WG-PT-2836	9.84	86.65	W Maximum	0.26	0 - 09:56 hrs	0.00	94.10	0.00	24.46	-657.78	4.12	5.34	0.26	0.00	0.00	0.00	0 - 00:00 hrs
1224	☐	WG-PT-2846	14.66	50.37	W Maximum	5.64	0 - 09:57 hrs	0.00	285.52	0.00	24.44	3,004.34	1.30	8.16	5.64	0.00	0.00	0.00	0 - 00:00 hrs
1225	☐	WG-PT-2853	7.76	112.27	W Maximum	0.00	0 - 09:57 hrs	0.00	44.83	0.00	1.94	141.13	0.36	5.24	0.00	0.00	0.00	0.57	0 - 09:57 hrs

FUTURE CONDITIONS 20-YR 24-HR JUNCTIONS

		ID	Maximum Depth (ft)	Maximum HGL (ft)	Maximum HGL Head Class	Freeboard (ft)	Max.Depth Day-Time (day-time)	Maximum Lateral Inflow (cfs)	Maximum Total Inflow (cfs)	Lateral Inflow Volume (MG)	Total Inflow Volume (MG)	Flow Volume Difference (MG)	Total Surcharge Time (hrs)	Max.Surchar ge Height Above Crown	Min.Surchar ge Depth Below Rim (ft)	Total Flood Volume (MG)	Total Flood Time (hrs)	Maximum Flood Rate (cfs)	Max.Flood Day-Time (day-time)
1226	☐	WG-PT-2856	1.38	108.67	Flow Link Cro	5.90	0 - 10:06 hrs	0.00	110.62	0.00	21.00	171.62	0.00	0.00	0.00	0.00	0.00	0.00	0 - 00:00 hrs
1227	☐	WG-PT-2857	2.80	107.63	Flow Link Cro	6.95	0 - 10:07 hrs	0.00	110.61	0.00	21.00	523.37	0.00	0.00	0.00	0.00	0.00	0.00	0 - 00:00 hrs
1228	☐	WG-PT-2858	6.86	106.21	Flow Link Cro	7.42	0 - 10:07 hrs	0.00	110.51	0.00	21.00	665.64	0.00	0.00	0.00	0.00	0.00	0.00	0 - 00:00 hrs
1229	☐	WG-PT-2859	2.45	105.47	Flow Link Cro	8.05	0 - 10:07 hrs	0.00	110.53	0.00	20.99	173.63	0.00	0.00	0.00	0.00	0.00	0.00	0 - 00:00 hrs
1230	☐	WG-PT-2865	8.80	91.63	Surcharged	0.00	0 - 09:59 hrs	0.00	27.43	0.00	1.07	45.39	0.18	6.80	0.00	0.00	0.00	1.38	0 - 09:59 hrs
1231	☐	WG-PT-2874	6.70	128.35	w Maximum C	0.00	0 - 09:57 hrs	25.37	43.34	0.96	7.37	2,985.81	1.80	1.70	0.00	0.11	0.58	18.50	0 - 09:59 hrs
1232	☐	WG-PT-2899	7.25	100.26	w Maximum C	1.95	0 - 09:55 hrs	0.00	46.00	0.00	4.39	64.34	2.47	4.24	1.95	0.00	0.00	0.00	0 - 00:00 hrs
1233	☐	WG-PT-2905	4.70	82.31	Surcharged	0.00	0 - 09:51 hrs	0.00	30.37	0.00	2.66	69.73	2.04	2.70	0.00	0.39	0.73	30.37	0 - 10:03 hrs
1234	☐	WG-PT-2906	5.60	84.12	Surcharged	0.00	0 - 09:51 hrs	0.00	14.21	0.00	2.47	262.39	4.18	3.85	0.00	0.00	0.00	0.35	0 - 09:51 hrs
1235	☐	WG-PT-2922	7.47	89.30	w Maximum C	0.00	0 - 09:56 hrs	0.00	47.67	0.00	3.36	1,669.70	1.32	3.97	0.00	0.00	0.00	29.79	0 - 09:56 hrs
1236	☐	WG-PT-2924	9.25	86.06	w Maximum C	1.75	0 - 09:56 hrs	0.00	40.96	0.00	3.27	122.20	2.98	5.75	1.75	0.00	0.00	0.00	0 - 00:00 hrs
1237	☐	WG-PT-2946	7.10	110.04	Surcharged	0.00	0 - 09:51 hrs	0.00	17.87	0.00	1.44	9.08	1.42	4.80	0.00	0.00	0.00	3.13	0 - 09:51 hrs
1238	☐	WG-PT-2978	4.82	93.60	Surcharged	0.00	0 - 09:56 hrs	0.00	36.80	0.00	2.55	-186.94	1.10	2.32	0.00	0.00	0.00	13.13	0 - 09:56 hrs
1239	☐	WG-PT-2993	8.54	90.93	w Maximum C	0.00	0 - 09:52 hrs	0.00	25.86	0.00	2.45	51.89	2.51	6.54	0.00	0.00	0.00	19.74	0 - 09:52 hrs
1240	☐	WG-PT-2994	8.80	92.15	w Maximum C	1.30	0 - 09:52 hrs	0.00	25.86	0.00	2.45	231.43	3.41	6.70	1.30	0.00	0.00	0.00	0 - 00:00 hrs
1241	☐	WG-PT-3000	9.15	90.34	w Maximum C	0.00	0 - 09:56 hrs	0.00	41.80	0.00	3.67	196.67	1.43	5.65	0.00	0.00	0.00	0.90	0 - 09:56 hrs
1242	☐	WG-PT-3040	9.45	106.82	w Maximum C	0.00	0 - 09:48 hrs	0.00	21.60	0.00	2.31	31.92	1.95	7.30	0.00	0.06	0.30	16.53	0 - 09:59 hrs
1243	☐	WG-PT-3045	11.23	100.85	w Maximum C	0.32	0 - 09:57 hrs	0.00	37.27	0.00	3.62	58.48	1.25	8.73	0.32	0.00	0.00	0.00	0 - 00:00 hrs
1244	☐	WG-PT-3048	8.82	91.54	w Maximum C	2.08	0 - 10:00 hrs	0.00	43.44	0.00	3.83	112.87	1.54	6.57	2.08	0.00	0.00	0.00	0 - 00:00 hrs
1245	☐	WG-PT-3075	15.10	129.58	Surcharged	-3.83	0 - 09:48 hrs	0.00	33.54	0.00	5.26	258.59	2.70	12.60	0.00	0.00	0.00	0.00	0 - 00:00 hrs
1246	☐	WG-PT-3082	0.83	90.27	Flow Link Cro	8.42	0 - 09:59 hrs	6.60	6.60	0.20	0.20	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0 - 00:00 hrs
1247	☐	WG-PT-3110	11.18	127.34	Surcharged	-5.00	0 - 09:49 hrs	0.00	31.49	0.00	3.78	317.15	2.19	8.18	0.00	0.00	0.00	23.95	0 - 09:49 hrs
1248	☐	WG-PT-3116	7.20	133.87	Surcharged	0.00	0 - 09:51 hrs	0.00	21.14	0.00	2.60	158.22	1.97	4.90	0.00	0.00	0.00	0.82	0 - 09:51 hrs
1249	☐	WG-PT-3180	6.09	84.70	w Maximum C	0.41	0 - 09:48 hrs	0.00	31.40	0.00	4.21	193.28	2.32	3.48	0.41	0.00	0.00	0.00	0 - 00:00 hrs
1250	☐	WG-PT-3182	5.73	85.05	w Maximum C	0.79	0 - 09:57 hrs	0.00	31.38	0.00	4.21	80.74	2.35	3.15	0.79	0.00	0.00	0.00	0 - 00:00 hrs
1251	☐	WG-PT-3183	5.72	85.38	w Maximum C	0.53	0 - 10:00 hrs	0.00	31.39	0.00	4.21	103.98	2.38	3.21	0.53	0.00	0.00	0.00	0 - 00:00 hrs
1252	☐	WG-PT-3184	5.95	85.97	w Maximum C	0.15	0 - 09:59 hrs	0.00	31.38	0.00	4.22	125.78	2.42	3.45	0.15	0.00	0.00	0.00	0 - 00:00 hrs
1253	☐	WG-PT-3192	8.85	92.63	w Maximum C	0.00	0 - 09:52 hrs	0.00	27.71	0.00	2.91	45.27	1.52	6.35	0.00	0.00	0.01	7.44	0 - 09:52 hrs
1254	☐	WG-PT-3196	4.75	96.48	Surcharged	0.00	0 - 09:48 hrs	0.00	39.87	0.00	6.48	124.20	5.23	2.25	0.00	0.27	0.64	33.69	0 - 10:00 hrs
1255	☐	WG-PT-3197	6.52	99.11	Surcharged	-1.43	0 - 09:59 hrs	0.00	39.87	0.00	6.48	311.86	5.63	4.02	0.00	0.00	0.00	0.00	0 - 00:00 hrs
1256	☐	WG-PT-3198	9.20	103.19	Surcharged	-3.91	0 - 09:59 hrs	0.00	39.86	0.00	6.48	232.57	5.79	6.70	0.00	0.00	0.00	0.00	0 - 00:00 hrs
1257	☐	WG-PT-3211	6.75	125.38	w Maximum C	0.00	0 - 09:57 hrs	66.12	66.12	4.19	4.19	0.00	0.38	3.75	0.00	0.03	0.16	14.39	0 - 09:59 hrs
1258	☐	WG-PT-3226	5.92	69.03	w Maximum C	1.68	0 - 10:04 hrs	0.00	69.72	0.00	3.03	63.98	0.05	1.92	1.68	0.00	0.00	0.00	0 - 00:00 hrs
1259	☐	WG-PT-3238	1.56	58.49	Flow Link Cro	2.34	0 - 09:59 hrs	0.00	0.90	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0 - 00:00 hrs
1260	☐	WG-PT-3256	5.18	78.14	w Maximum C	0.00	0 - 09:52 hrs	0.00	9.62	0.00	0.58	0.00	2.32	3.18	0.00	0.00	0.02	0.06	0 - 10:06 hrs
1261	☐	WG-PT-3264	8.92	68.40	Surcharged	0.00	0 - 10:00 hrs	0.00	75.55	0.00	3.44	557.44	0.44	3.80	0.00	0.00	0.00	19.55	0 - 10:00 hrs
1262	☐	WG-PT-3269	6.87	65.13	w Maximum C	1.53	0 - 10:02 hrs	0.00	87.99	0.00	4.48	868.90	0.71	2.87	1.53	0.00	0.00	0.00	0 - 00:00 hrs
1263	☐	WG-PT-3276	5.95	63.08	w Maximum C	2.80	0 - 00:00 hrs	0.00	124.40	0.00	6.06	3,252.94	0.01	1.95	2.80	0.00	0.00	0.00	0 - 00:00 hrs
1264	☐	WG-PT-3294	4.37	63.61	w Maximum C	4.63	0 - 09:59 hrs	0.00	23.80	0.00	0.93	-45.99	0.29	2.36	4.63	0.00	0.00	0.00	0 - 00:00 hrs
1265	☐	WG-PT-3308	8.90	82.61	Surcharged	0.00	0 - 00:00 hrs	0.00	189.12	0.00	13.07	3,801.20	2.21	4.90	0.00	0.00	0.00	86.75	0 - 00:00 hrs
1266	☐	WG-PT-3342	7.40	105.83	w Maximum C	0.00	0 - 09:53 hrs	0.00	26.35	0.00	1.37	56.40	1.00	4.90	0.00	0.02	0.28	11.07	0 - 09:53 hrs
1267	☐	WG-PT-3450	7.01	103.65	w Maximum C	2.99	0 - 10:00 hrs	0.00	28.48	0.00	5.65	832.66	0.49	4.01	2.99	0.00	0.00	0.00	0 - 00:00 hrs
1268	☐	WG-PT-3451	6.45	103.21	w Maximum C	4.05	0 - 10:00 hrs	0.00	28.02	0.00	5.65	547.17	3.59	3.44	4.05	0.00	0.00	0.00	0 - 00:00 hrs
1269	☐	WG-PT-3462	4.20	102.24	w Maximum C	0.00	0 - 09:42 hrs	0.00	28.01	0.00	5.70	347.26	5.34	1.70	0.00	0.05	0.48	12.56	0 - 10:03 hrs
1270	☐	WG-PT-3468	6.00	97.27	w Maximum C	0.00	0 - 09:52 hrs	0.00	6.71	0.00	0.01	14.62	1.34	4.25	0.00	0.00	0.01	0.66	0 - 09:52 hrs
1271	☐	WG-PT-3474	6.10	94.99	Surcharged	0.00	0 - 09:47 hrs	0.00	39.48	0.00	4.23	398.98	3.46	3.60	0.00	0.21	0.81	18.34	0 - 09:59 hrs
1272	☐	WG-PT-3492	5.10	83.35	w Maximum C	0.00	0 - 09:49 hrs	0.00	13.58	0.00	1.13	0.00	1.72	2.00	0.00	0.00	0.06	10.27	0 - 09:49 hrs
1273	☐	WG-PT-3532	11.33	59.99	Surcharged	0.00	0 - 09:56 hrs	0.00	51.83	0.00	8.30	853.42	2.95	6.83	0.00	0.00	0.00	0.03	0 - 09:57 hrs
1274	☐	WG-PT-3563	8.30	64.08	Surcharged	0.00	0 - 09:48 hrs	0.00	19.41	0.00	2.31	226.87	5.12	6.30	0.00	0.00	0.19	0.09	0 - 10:12 hrs

FUTURE CONDITIONS 20-YR 24-HR JUNCTIONS

		ID	Maximum Depth (ft)	Maximum HGL (ft)	Maximum HGL Head Class	Freeboard (ft)	Max.Depth Day-Time (day-time)	Maximum Lateral Inflow (cfs)	Maximum Total Inflow (cfs)	Lateral Inflow Volume (MG)	Total Inflow Volume (MG)	Flow Volume Difference (MG)	Total Surcharge Time (hrs)	Max.Surchar ge Height Above Crown	Min.Surchar ge Depth Below Rim (ft)	Total Flood Volume (MG)	Total Flood Time (hrs)	Maximum Flood Rate (cfs)	Max.Flood Day-Time (day-time)
1275	☐	WG-PT-3568	7.43	62.33	w Maximum	0.42	0 - 10:10 hrs	0.00	19.30	0.00	2.32	521.79	7.44	5.18	0.42	0.00	0.00	0.00	0 - 00:00 hrs
1276	☐	WG-PT-3570	6.54	61.13	w Maximum	0.75	0 - 09:51 hrs	0.00	19.34	0.00	2.34	520.48	7.20	4.04	0.75	0.00	0.00	0.00	0 - 00:00 hrs
1277	☐	WG-PT-3571	6.43	60.81	w Maximum	0.57	0 - 10:23 hrs	0.00	19.33	0.00	2.35	685.02	9.63	3.93	0.57	0.00	0.00	0.00	0 - 00:00 hrs
1278	☐	WG-PT-3572	6.31	60.44	w Maximum	0.09	0 - 10:18 hrs	0.00	19.33	0.00	2.36	960.10	20.46	3.81	0.09	0.00	0.00	0.00	0 - 00:00 hrs
1279	☐	WG-PT-3576	6.45	59.57	w Maximum	0.40	0 - 09:53 hrs	0.00	14.04	0.00	1.27	695.70	47.45	4.45	0.40	0.00	0.00	0.00	0 - 00:00 hrs
1280	☐	WG-PT-3578	5.67	59.31	w Maximum	0.00	0 - 00:16 hrs	34.80	34.80	1.61	1.61	0.00	47.44	3.46	0.00	0.32	1.06	28.44	0 - 09:59 hrs
1281	☐	WG-PT-3584	8.97	74.30	Surcharged	0.00	0 - 09:52 hrs	60.81	60.81	2.96	2.96	0.00	2.29	6.97	0.00	0.16	0.39	27.61	0 - 10:03 hrs
1282	☐	WG-PT-3586	8.35	69.75	Surcharged	0.00	0 - 09:53 hrs	0.00	35.31	0.00	2.79	-160.68	0.87	5.80	0.00	0.00	0.00	3.54	0 - 09:53 hrs
1283	☐	WG-PT-3590	9.58	63.31	w Maximum	0.00	0 - 09:53 hrs	0.00	33.22	0.00	2.80	399.27	6.31	7.00	0.00	0.00	0.00	0.35	0 - 09:53 hrs
1284	☐	WG-PT-3599	12.63	61.07	w Maximum	1.25	0 - 00:07 hrs	0.00	145.63	0.00	8.79	12,699.00	47.84	7.63	1.25	0.00	0.00	0.00	0 - 00:00 hrs
1285	☐	WG-PT-3600	13.45	62.37	Surcharged	0.00	0 - 00:07 hrs	0.00	129.17	0.00	8.69	6,531.94	47.76	8.45	0.00	0.00	0.00	2.27	0 - 00:07 hrs
1286	☐	WG-PT-3738	11.20	64.33	Surcharged	0.00	0 - 00:02 hrs	0.00	7.09	0.00	0.87	351.11	47.90	9.70	0.00	0.00	0.00	3.02	0 - 00:02 hrs
1287	☐	WG-PT-3740	1.63	58.74	low Link Crov	5.32	0 - 09:57 hrs	0.00	11.22	0.00	0.46	-25.43	0.00	0.00	0.00	0.00	0.00	0.00	0 - 00:00 hrs
1288	☐	WG-PT-3756	9.50	57.50	Surcharged	0.00	0 - 00:02 hrs	0.00	34.43	0.00	2.16	0.00	47.92	6.55	0.00	0.00	0.00	11.16	0 - 00:02 hrs
1289	☐	WG-PT-3760	10.10	58.03	w Maximum	0.90	0 - 00:01 hrs	0.00	72.32	0.00	2.18	0.00	47.96	7.60	0.90	0.00	0.00	0.00	0 - 00:00 hrs
1290	☐	WG-PT-3761	13.45	61.01	w Maximum	0.00	0 - 00:01 hrs	0.00	62.55	0.00	2.16	1,197.05	47.94	10.95	0.00	0.00	0.00	33.50	0 - 00:01 hrs
1291	☐	WG-PT-3765	9.61	60.63	w Maximum	1.19	0 - 00:15 hrs	0.00	28.46	0.00	3.18	3,116.41	47.53	6.49	1.19	0.00	0.00	0.00	0 - 00:00 hrs
1292	☐	WG-PT-3780	1.60	66.78	low Link Crov	6.62	0 - 10:04 hrs	0.00	50.45	0.00	2.33	211.20	0.00	0.00	0.00	0.00	0.00	0.00	0 - 00:00 hrs
1293	☐	WG-PT-3800	12.65	92.41	w Maximum	0.30	0 - 09:57 hrs	0.00	248.80	0.00	28.60	-1,841.78	1.99	7.15	0.30	0.00	0.00	0.00	0 - 00:00 hrs
1294	☐	WG-PT-3809	10.00	94.95	Surcharged	0.00	0 - 09:56 hrs	0.00	91.85	0.00	9.37	331.08	1.55	5.50	0.00	0.00	0.00	30.31	0 - 09:56 hrs
1295	☐	WG-PT-3812	5.22	95.11	w Maximum	0.00	0 - 09:59 hrs	0.00	49.72	0.00	7.13	346.34	0.80	1.72	0.00	0.02	0.04	48.78	0 - 09:59 hrs
1296	☐	WG-PT-3813	5.82	96.06	Surcharged	0.00	0 - 09:59 hrs	0.00	47.89	0.00	7.13	762.12	0.75	2.20	0.00	0.00	0.00	24.41	0 - 09:59 hrs
1297	☐	WG-PT-3814	7.22	76.18	Surcharged	0.00	0 - 09:56 hrs	0.00	68.51	0.00	7.31	87.69	0.65	4.20	0.00	0.00	0.00	4.80	0 - 09:56 hrs
1298	☐	WG-PT-3821	9.67	55.81	w Maximum	0.13	0 - 09:56 hrs	0.00	15.76	0.00	1.88	0.00	47.69	7.67	0.13	0.00	0.00	0.00	0 - 00:00 hrs
1299	☐	WG-PT-3834	15.52	57.10	Surcharged	0.00	0 - 00:00 hrs	0.00	59.75	0.00	0.93	520.37	47.97	12.65	0.00	0.00	0.00	40.26	0 - 00:00 hrs
1300	☐	WG-PT-3836	8.94	57.21	w Maximum	5.36	0 - 09:59 hrs	0.00	22.35	0.00	0.91	461.96	1.72	6.82	5.36	0.00	0.00	0.00	0 - 00:00 hrs
1301	☐	WG-PT-3840	14.04	56.72	Surcharged	0.00	0 - 00:03 hrs	0.00	55.50	0.00	1.53	4,881.52	47.87	10.00	0.00	0.00	0.00	19.49	0 - 00:03 hrs
1302	☐	WG-PT-3853	6.55	53.45	w Maximum	0.00	0 - 09:52 hrs	0.00	21.11	0.00	1.64	45.82	1.42	4.30	0.00	0.00	0.00	13.15	0 - 09:52 hrs
1303	☐	WG-PT-3860	6.37	50.38	w Maximum	2.03	0 - 09:52 hrs	0.00	50.01	0.00	4.54	231.67	1.80	3.32	2.03	0.00	0.00	0.00	0 - 00:00 hrs
1304	☐	WG-PT-3862	5.70	49.22	w Maximum	2.52	0 - 10:06 hrs	0.00	50.02	0.00	4.55	631.31	1.75	2.53	2.52	0.00	0.00	0.00	0 - 00:00 hrs
1305	☐	WG-PT-3865	5.35	47.76	w Maximum	0.00	0 - 09:51 hrs	0.00	46.75	0.00	4.73	588.26	1.91	1.85	0.00	0.00	0.14	0.91	0 - 09:59 hrs
1306	☐	WG-PT-3871	10.66	60.28	w Maximum	1.66	0 - 00:08 hrs	0.00	32.11	0.00	6.50	2,763.34	47.71	7.52	1.66	0.00	0.00	0.00	0 - 00:00 hrs
1307	☐	WG-PT-3882	8.35	70.46	w Maximum	0.00	0 - 09:55 hrs	0.00	79.11	0.00	7.94	496.78	1.52	4.85	0.00	0.02	0.20	3.37	0 - 10:06 hrs
1308	☐	WG-PT-3884	7.69	67.49	w Maximum	0.00	0 - 09:55 hrs	0.00	79.13	0.00	7.92	144.40	1.28	4.19	0.00	0.02	0.16	10.85	0 - 09:59 hrs
1309	☐	WG-PT-3888	9.68	67.97	w Maximum	0.42	0 - 09:59 hrs	0.00	63.71	0.00	7.19	86.77	1.04	6.48	0.42	0.00	0.00	0.00	0 - 00:00 hrs
1310	☐	WG-PT-3898	2.22	78.52	low Link Crov	2.65	0 - 09:59 hrs	0.00	32.57	0.00	3.17	132.65	0.00	0.00	0.00	0.00	0.00	0.00	0 - 00:00 hrs
1311	☐	WG-PT-3945	10.70	102.11	w Maximum	0.00	0 - 09:56 hrs	0.00	116.04	0.00	8.58	-2,290.06	0.90	7.70	0.00	0.00	0.00	20.63	0 - 09:56 hrs
1312	☐	WG-PT-3966	8.80	96.48	Surcharged	0.00	0 - 09:56 hrs	0.00	16.27	0.00	0.63	-11.80	1.34	6.80	0.00	0.00	0.00	11.24	0 - 09:56 hrs
1313	☐	WG-PT-3975	8.65	90.08	Surcharged	0.00	0 - 09:56 hrs	0.00	74.59	0.00	3.94	293.03	1.39	5.10	0.00	0.26	0.34	49.75	0 - 09:57 hrs
1314	☐	WG-PT-3981	14.02	38.25	w Maximum	0.84	0 - 11:45 hrs	0.00	46.01	0.00	18.63	23,346.99	35.51	6.19	0.84	0.00	0.00	0.00	0 - 00:00 hrs
1315	☐	WG-PT-3982	9.52	36.16	w Maximum	0.48	0 - 10:56 hrs	0.00	21.54	0.00	8.69	1,200.11	41.02	6.52	0.48	0.00	0.00	0.00	0 - 00:00 hrs
1316	☐	WG-PT-4027	1.21	57.00	low Link Crov	10.45	0 - 10:02 hrs	0.00	22.47	0.00	1.54	96.62	0.00	0.00	0.00	0.00	0.00	0.00	0 - 00:00 hrs
1317	☐	WG-PT-4061	8.83	86.20	w Maximum	0.00	0 - 09:52 hrs	0.00	231.37	0.00	39.15	1,873.48	2.50	3.10	0.00	1.52	0.79	153.43	0 - 10:03 hrs
1318	☐	WG-PT-4069	3.68	64.85	w Maximum	0.70	0 - 09:47 hrs	0.00	5.90	0.00	0.62	0.00	1.78	2.35	0.70	0.00	0.00	0.00	0 - 00:00 hrs
1319	☐	WG-PT-4071	4.53	65.68	w Maximum	0.15	0 - 09:47 hrs	0.00	5.90	0.00	0.62	29.36	2.11	3.20	0.15	0.00	0.00	0.00	0 - 00:00 hrs
1320	☐	WG-PT-4078	4.61	53.57	w Maximum	0.49	0 - 11:03 hrs	0.00	4.48	0.00	1.18	104.56	7.89	3.11	0.49	0.00	0.00	0.00	0 - 00:00 hrs
1321	☐	WG-PT-4079	4.61	53.42	w Maximum	0.59	0 - 11:00 hrs	0.00	4.48	0.00	1.18	86.52	7.79	3.11	0.59	0.00	0.00	0.00	0 - 00:00 hrs
1322	☐	WG-PT-4082	5.00	52.93	w Maximum	0.05	0 - 11:00 hrs	0.00	4.49	0.00	1.18	47.25	8.53	3.50	0.05	0.00	0.00	0.00	0 - 00:00 hrs
1323	☐	WG-PT-4083	4.81	52.78	w Maximum	0.09	0 - 11:00 hrs	0.00	4.50	0.00	1.18	0.00	8.33	3.31	0.09	0.00	0.00	0.00	0 - 00:00 hrs

FUTURE CONDITIONS 20-YR 24-HR JUNCTIONS

		ID	Maximum Depth (ft)	Maximum HGL (ft)	Maximum HGL Head Class	Freeboard (ft)	Max.Depth Day-Time (day-time)	Maximum Lateral Inflow (cfs)	Maximum Total Inflow (cfs)	Lateral Inflow Volume (MG)	Total Inflow Volume (MG)	Flow Volume Difference (MG)	Total Surcharge Time (hrs)	Max.Surchar ge Height Above Crown	Min.Surchar ge Depth Below Rim (ft)	Total Flood Volume (MG)	Total Flood Time (hrs)	Maximum Flood Rate (cfs)	Max.Flood Day-Time (day-time)
1324	☐	WG-PT-4085	4.80	52.49	w Maximum	0.09	0 - 10:45 hrs	0.00	4.49	0.00	1.18	95.68	8.53	3.30	0.09	0.00	0.00	0.00	0 - 00:00 hrs
1325	☐	WG-PT-5007	5.92	55.26	w Maximum	0.00	0 - 09:52 hrs	0.00	17.99	0.00	1.98	0.00	2.44	3.92	0.00	0.00	0.10	1.47	0 - 09:52 hrs
1326	☐	WG-PT-5020	5.25	52.18	w Maximum	0.00	0 - 09:52 hrs	34.63	34.63	1.65	1.66	0.00	1.65	3.00	0.00	0.00	0.09	10.34	0 - 09:52 hrs
1327	☐	WG-PT-5037	13.21	39.21	w Maximum	0.59	0 - 11:22 hrs	0.00	208.11	0.00	34.62	25,924.01	32.86	5.71	0.59	0.00	0.00	0.00	0 - 00:00 hrs
1328	☐	WG-PT-5038	10.72	40.21	Surcharged	0.00	0 - 06:33 hrs	0.00	68.25	0.00	6.33	-11,767.77	33.22	6.72	0.00	0.00	0.00	44.28	0 - 06:33 hrs
1329	☐	WG-PT-5042	11.90	36.13	w Maximum	0.00	0 - 09:33 hrs	0.00	41.45	0.00	14.44	5,365.98	41.00	6.50	0.00	0.00	2.79	0.38	0 - 09:47 hrs
1330	☐	WG-PT-5043	11.45	36.08	Surcharged	0.00	0 - 09:32 hrs	0.00	41.47	0.00	14.40	2,800.57	41.06	6.47	0.00	5.58	14.34	20.70	0 - 10:12 hrs
1331	☐	WG-PT-5058	6.55	51.49	Surcharged	0.00	0 - 09:52 hrs	0.00	28.82	0.00	3.13	170.52	2.32	3.45	0.00	0.00	0.15	6.10	0 - 09:52 hrs
1332	☐	WG-PT-5059	5.95	51.40	Surcharged	0.00	0 - 09:52 hrs	0.00	8.65	0.00	0.97	228.45	2.68	4.40	0.00	0.00	0.26	0.53	0 - 10:07 hrs
1333	☐	WG-PT-5060	6.92	51.54	Surcharged	0.00	0 - 09:52 hrs	0.00	66.52	0.00	7.74	643.28	2.22	3.38	0.00	0.00	0.00	20.66	0 - 09:52 hrs
1334	☐	WG-PT-5065	8.48	55.54	w Maximum	0.22	0 - 09:52 hrs	0.00	26.40	0.00	2.77	186.92	2.16	5.79	0.22	0.00	0.00	0.00	0 - 00:00 hrs
1335	☐	WG-PT-5067	3.70	54.63	Surcharged	0.00	0 - 09:48 hrs	0.00	1.75	0.00	0.17	127.89	2.33	2.25	0.00	0.00	0.43	1.31	0 - 09:48 hrs
1336	☐	WG-PT-5071	4.90	56.76	Surcharged	0.00	0 - 09:52 hrs	0.00	2.87	0.00	0.69	39.62	2.71	3.59	0.00	0.00	0.01	0.84	0 - 09:52 hrs
1337	☐	WG-PT-5076	8.30	59.31	w Maximum	0.00	0 - 09:52 hrs	0.00	14.19	0.00	1.95	491.29	4.63	6.25	0.00	0.00	0.02	1.17	0 - 09:52 hrs
1338	☐	WG-PT-5084	3.96	48.43	w Maximum	0.00	0 - 09:52 hrs	0.00	2.52	0.00	0.03	0.00	2.18	2.71	0.00	0.02	0.55	1.93	0 - 09:52 hrs
1339	☐	WG-PT-5092	8.89	47.19	w Maximum	0.91	0 - 09:52 hrs	0.00	51.39	0.00	8.14	475.11	5.26	5.29	0.91	0.00	0.00	0.00	0 - 00:00 hrs
1340	☐	WG-PT-5093	4.60	48.76	Surcharged	0.00	0 - 09:42 hrs	0.00	3.76	0.00	0.32	0.00	4.90	3.35	0.00	0.00	0.40	3.24	0 - 09:42 hrs
1341	☐	WG-PT-5095	4.60	48.15	Surcharged	0.00	0 - 09:41 hrs	0.00	4.19	0.00	0.32	54.83	5.14	3.15	0.00	0.01	1.00	3.19	0 - 09:41 hrs
1342	☐	WG-PT-5096	4.50	48.03	w Maximum	0.00	0 - 09:41 hrs	0.00	3.41	0.00	0.31	40.19	5.22	3.19	0.00	0.04	1.00	3.02	0 - 10:12 hrs
1343	☐	WG-PT-5148	8.58	44.73	w Maximum	0.72	0 - 09:56 hrs	0.00	27.55	0.00	2.73	3,085.18	3.17	4.89	0.72	0.00	0.00	0.00	0 - 00:00 hrs
1344	☐	WG-PT-5155	5.10	48.63	w Maximum	0.00	0 - 09:44 hrs	0.00	12.26	0.00	1.37	101.30	5.48	3.05	0.00	0.00	0.42	0.04	0 - 09:44 hrs
1345	☐	WG-PT-5206	12.66	44.54	w Maximum	0.39	0 - 09:52 hrs	0.00	136.92	0.00	13.94	11,988.40	27.81	7.16	0.39	0.00	0.00	0.00	0 - 00:00 hrs
1346	☐	WG-PT-5209	13.20	46.52	w Maximum	0.14	0 - 09:51 hrs	0.00	104.21	0.00	12.55	8,831.58	11.64	7.49	0.14	0.00	0.00	0.00	0 - 00:00 hrs
1347	☐	WG-PT-5213	12.93	47.09	Surcharged	0.00	0 - 09:47 hrs	0.00	104.06	0.00	12.62	3,170.32	8.68	7.53	0.00	0.00	0.00	0.62	0 - 09:51 hrs
1348	☐	WG-PT-5214	13.01	47.82	Surcharged	0.00	0 - 09:47 hrs	0.00	104.07	0.00	12.63	2,179.06	7.82	7.91	0.00	0.00	0.00	0.41	0 - 09:47 hrs
1349	☐	WG-PT-5219	7.84	49.55	w Maximum	0.00	0 - 09:52 hrs	0.00	61.46	0.00	8.77	772.31	2.56	3.62	0.00	0.00	0.00	12.38	0 - 09:52 hrs
1350	☐	WG-PT-5225	6.27	49.30	Surcharged	0.00	0 - 09:53 hrs	13.63	13.63	0.57	0.57	0.00	2.18	4.27	0.00	0.02	0.25	12.61	0 - 09:53 hrs
1351	☐	WG-PT-5226	6.28	49.20	Surcharged	0.00	0 - 09:53 hrs	0.00	17.55	0.00	0.55	39.00	2.28	4.28	0.00	0.02	0.28	10.65	0 - 09:53 hrs
1352	☐	WG-PT-5233	4.88	49.69	Surcharged	0.00	0 - 09:52 hrs	0.00	7.87	0.00	0.04	0.00	4.53	3.38	0.00	0.03	0.63	7.51	0 - 09:52 hrs
1353	☐	WG-PT-75061	12.05	96.67	w Maximum	0.00	0 - 09:52 hrs	0.00	53.02	0.00	4.15	153.19	1.25	9.55	0.00	0.00	0.00	7.32	0 - 09:52 hrs
1354	☐	WG-PT-75077	9.90	97.31	w Maximum	0.00	0 - 09:57 hrs	0.00	91.11	0.00	9.00	-562.55	0.69	5.90	0.00	0.00	0.00	25.04	0 - 09:57 hrs
1355	☐	WG_DI_01	5.00	50.00	low Link Crov	0.00	0 - 09:56 hrs	50.63	60.24	3.14	3.19	0.00	1.02	0.00	0.00	0.16	0.51	45.88	0 - 09:56 hrs
1356	☐	WG_DI_02	5.00	130.00	low Link Crov	0.00	0 - 09:41 hrs	170.51	170.51	10.58	10.58	0.00	9.83	0.00	0.00	4.16	4.92	152.32	0 - 09:59 hrs
1357	☐	WG_DI_03	5.00	120.00	low Link Crov	0.00	0 - 09:56 hrs	192.71	192.71	13.01	13.01	0.00	2.45	0.00	0.00	1.62	1.22	129.07	0 - 10:03 hrs
1358	☐	WG_DI_04	3.73	103.73	low Link Crov	1.27	0 - 10:14 hrs	20.76	32.76	0.94	0.95	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0 - 00:00 hrs
1359	☐	WG_DI_05	5.00	108.00	low Link Crov	0.00	0 - 10:00 hrs	173.46	173.46	10.30	10.30	0.00	0.62	0.00	0.00	0.28	0.31	63.83	0 - 10:03 hrs
1360	☐	WG_DI_06	8.00	94.00	w Maximum	0.00	0 - 09:56 hrs	50.34	50.34	2.32	2.32	0.00	1.10	4.50	0.00	0.13	0.33	35.82	0 - 09:56 hrs

FUTURE CONDITIONS 20-YR 24-HR CONDUITS

		ID	Full Depth (ft)	Full Flow (cfs)	Percent Slope (%)	Maximum Flow (cfs)	Maximum Flow Class	Max.Flow Day-Time (day-time)	Velocity at Maximum Flow (ft/s)	Maximum Velocity (ft/s)	Max.Flow/Fu ll Flow	Max.Depth/F ull Depth	Reserve Capacity (cfs)	Total Flow Volume (MG)	Maximum Top Width (ft)	Both End Surcharge Time (hrs)	Upstream Surcharge Time (hrs)	Downstream Surcharge Time (hrs)	Above Full-Flow Time (hrs)	Capacity Limited Time (hrs)	Instability Index
1	☐	0	2.00	11.88	0.24	11.05	Backwater	0 - 09:59 hrs	3.52	3.52	0.93	1.00	0.83	0.41	2.00	14.09	14.09	14.14	0.00	0.11	59
2	☐	10	4.00	105.70	0.54	50.73	Free Surface	0 - 10:04 hrs	9.24	9.24	0.48	0.45	54.97	3.04	3.98	0.00	0.00	0.00	0.00	0.00	0
3	☐	100	3.00	30.53	0.60	12.68	Free Surface	0 - 10:06 hrs	2.77	2.77	0.42	0.62	17.85	0.55	3.00	0.00	0.00	0.00	0.00	0.00	0
4	☐	1000	5.50	182.68	0.30	104.21	Backwater	0 - 09:59 hrs	4.39	4.39	0.57	1.00	78.47	12.55	5.50	6.45	6.45	6.85	0.00	0.79	29
5	☐	1001	5.00	82.17	0.10	104.11	ceeds Capac	0 - 09:59 hrs	5.30	5.30	1.27	1.00	-21.94	12.57	5.00	8.45	8.45	9.01	0.87	1.43	31
6	☐	1002	5.50	139.87	0.17	104.12	Backwater	0 - 09:59 hrs	4.38	4.38	0.74	1.00	35.75	12.48	5.50	5.82	5.82	12.54	0.00	0.00	30
7	☐	1003	3.50	27.15	0.07	51.39	ceeds Capac	0 - 10:15 hrs	5.34	5.34	1.89	1.00	-24.23	8.14	3.50	2.63	2.68	2.63	3.35	2.29	11
8	☐	1004	2.75	30.85	0.34	19.90	Backwater	0 - 09:55 hrs	3.35	3.35	0.65	1.00	10.95	2.49	2.75	15.09	15.09	16.43	0.00	0.00	53
9	☐	1005	1.50	3.07	0.11	5.85	ceeds Capac	0 - 09:52 hrs	3.31	3.31	1.91	1.00	-2.78	0.19	1.50	1.29	1.34	1.29	1.37	1.28	3
10	☐	1006	2.50	19.22	0.22	26.74	ceeds Capac	0 - 09:52 hrs	5.45	5.45	1.39	1.00	-7.52	2.77	2.50	1.03	1.05	1.04	0.48	0.46	4
11	☐	1007	2.00	9.12	0.16	17.97	ceeds Capac	0 - 09:49 hrs	5.72	5.72	1.97	1.00	-8.85	2.03	2.00	1.62	1.62	1.62	1.50	1.34	2
12	☐	1008	3.00	32.17	0.23	16.01	Backwater	0 - 10:21 hrs	2.26	2.26	0.50	1.00	16.16	1.43	3.00	16.54	16.54	17.87	0.00	0.00	47
13	☐	1009	3.00	38.14	0.33	16.02	Backwater	0 - 09:56 hrs	2.27	2.43	0.42	1.00	22.11	1.41	3.00	17.66	17.66	18.45	0.00	0.00	69
14	☐	101	2.25	39.62	1.64	22.45	Free Surface	0 - 10:02 hrs	6.84	6.84	0.57	0.77	17.16	1.54	2.25	0.00	0.00	23.74	0.00	0.00	0
15	☐	1010	3.00	31.60	0.22	16.04	Backwater	0 - 10:02 hrs	2.27	2.27	0.51	1.00	15.56	1.40	3.00	19.33	19.33	19.65	0.00	0.00	67
16	☐	1011	2.50	39.35	0.92	39.29	Backwater	0 - 09:59 hrs	8.00	8.22	1.00	1.00	0.06	2.46	2.50	0.43	0.43	3.28	0.00	0.03	8
17	☐	1012	2.50	11.49	0.08	39.29	ceeds Capac	0 - 09:59 hrs	8.00	8.00	3.42	1.00	-27.80	2.47	2.50	0.45	0.54	0.45	1.36	0.45	4
18	☐	1013	2.50	19.25	0.22	39.27	ceeds Capac	0 - 09:59 hrs	8.00	8.00	2.04	1.00	-20.03	2.47	2.50	0.54	0.59	0.54	0.74	0.54	1
19	☐	1014	2.00	12.21	0.29	17.87	ceeds Capac	0 - 09:52 hrs	5.69	5.69	1.46	1.00	-5.66	1.44	2.00	0.76	0.76	0.83	0.73	0.71	1
20	☐	1015	2.00	13.29	0.35	17.87	ceeds Capac	0 - 09:52 hrs	5.69	5.69	1.34	1.00	-4.58	1.44	2.00	0.67	0.67	0.71	0.63	0.56	1
21	☐	1016	2.00	12.67	0.31	17.90	ceeds Capac	0 - 09:52 hrs	5.70	5.70	1.41	1.00	-5.24	1.44	2.00	0.67	0.67	0.67	0.70	0.62	1
22	☐	1017	2.00	17.50	0.60	16.43	Backwater	0 - 10:08 hrs	5.23	5.23	0.94	1.00	1.07	1.00	2.00	0.58	0.58	0.67	0.00	0.00	1
23	☐	1018	2.00	14.84	0.43	17.40	ceeds Capac	0 - 10:08 hrs	5.54	5.54	1.17	1.00	-2.55	1.36	2.00	1.05	1.05	1.20	0.52	0.52	3
24	☐	1019	2.00	11.10	0.24	12.97	ceeds Capac	0 - 10:41 hrs	4.13	4.13	1.17	1.00	-1.88	1.51	2.00	1.22	1.22	1.31	0.37	0.39	2
25	☐	102	2.00	19.73	0.76	22.47	Free Surface	0 - 10:08 hrs	8.31	8.35	1.14	0.80	-2.74	1.54	2.00	0.00	0.39	0.00	0.36	0.00	1
26	☐	1020	2.00	15.15	0.45	15.91	ceeds Capac	0 - 10:41 hrs	5.06	5.06	1.05	1.00	-0.76	2.05	2.00	1.25	1.25	1.35	0.38	0.37	5
27	☐	1021	2.00	9.62	0.18	15.90	ceeds Capac	0 - 10:41 hrs	5.06	5.06	1.65	1.00	-6.28	2.05	2.00	1.34	1.40	1.34	1.53	1.32	4
28	☐	1022	2.00	9.79	0.19	15.90	ceeds Capac	0 - 10:41 hrs	5.06	5.06	1.62	1.00	-6.11	2.05	2.00	1.28	1.38	1.28	1.52	1.25	4
29	☐	1023	2.00	12.95	0.33	25.97	ceeds Capac	0 - 09:59 hrs	8.27	8.27	2.01	1.00	-13.02	2.64	2.00	1.20	1.36	1.20	1.48	1.20	4
30	☐	1024	2.00	10.61	0.22	25.97	ceeds Capac	0 - 09:59 hrs	8.27	8.27	2.45	1.00	-15.36	2.64	2.00	0.51	1.40	0.51	1.77	0.51	3
31	☐	1025	2.00	17.34	0.59	26.01	Free Surface	0 - 09:59 hrs	8.46	8.46	1.50	0.95	-8.67	2.64	2.00	0.00	0.51	0.00	0.95	0.00	1
32	☐	1026	3.00	39.31	0.35	24.77	Free Surface	0 - 10:06 hrs	3.83	4.10	0.63	0.86	14.54	2.63	3.00	0.00	0.00	8.88	0.00	0.00	14
33	☐	1027	2.00	12.96	0.33	20.12	ceeds Capac	0 - 09:56 hrs	6.40	6.40	1.55	1.00	-7.16	1.44	2.00	0.43	0.44	0.43	0.50	0.43	1
34	☐	1028	2.00	10.50	0.22	20.12	ceeds Capac	0 - 09:57 hrs	6.40	6.40	1.92	1.00	-9.62	1.44	2.00	0.41	0.49	0.41	0.64	0.41	1
35	☐	1029	2.00	12.52	0.31	20.12	ceeds Capac	0 - 09:57 hrs	6.41	6.41	1.61	1.00	-7.61	1.43	2.00	0.37	0.40	0.37	0.53	0.37	1
36	☐	103	2.00	18.27	0.65	22.75	ceeds Capac	0 - 09:55 hrs	7.24	7.24	1.25	1.00	-4.48	1.55	2.00	0.39	0.40	0.39	0.43	0.38	1
37	☐	1030	2.00	12.48	0.30	20.12	ceeds Capac	0 - 09:57 hrs	6.40	6.40	1.61	1.00	-7.64	1.43	2.00	0.34	0.39	0.34	0.53	0.34	1
38	☐	1031	2.00	12.19	0.29	20.19	ceeds Capac	0 - 09:56 hrs	6.76	6.76	1.66	1.00	-8.01	1.43	2.00	0.15	0.36	0.15	0.55	0.15	1
39	☐	1032	2.25	26.76	0.75	21.95	Backwater	0 - 10:11 hrs	5.94	7.32	0.82	1.00	4.81	1.43	2.25	0.14	0.14	0.25	0.00	0.00	0
40	☐	1033	2.25	33.77	1.19	21.95	Backwater	0 - 10:11 hrs	5.52	7.35	0.65	1.00	11.82	1.43	2.25	0.29	0.29	0.37	0.00	0.00	1
41	☐	1035	2.50	22.73	0.31	35.71	ceeds Capac	0 - 10:00 hrs	7.28	7.28	1.57	1.00	-12.99	2.29	2.50	0.35	0.36	0.35	0.46	0.35	0
42	☐	1036	2.50	22.74	0.31	35.73	Free Surface	0 - 10:03 hrs	7.40	7.44	1.57	0.99	-12.99	2.29	2.50	0.00	0.35	0.00	0.46	0.00	0
43	☐	1037	2.50	30.88	0.57	36.27	ceeds Capac	0 - 09:57 hrs	7.41	7.41	1.17	1.00	-5.39	2.29	2.48	0.01	0.11	0.01	0.26	0.00	0
44	☐	1038	2.50	36.15	0.78	36.46	ceeds Capac	0 - 09:57 hrs	7.43	7.43	1.01	1.00	-0.30	2.28	2.05	0.18	0.18	0.25	0.01	0.03	0
45	☐	1039	2.50	19.99	0.24	36.46	Free Surface	0 - 09:57 hrs	7.51	7.51	1.82	0.96	-16.47	2.28	1.54	0.00	0.25	0.00	0.53	0.00	0
46	☐	104	2.00	27.45	1.47	22.73	Backwater	0 - 09:55 hrs	8.01	8.01	0.83	1.00	4.73	1.55	2.00	0.32	0.32	0.40	0.00	0.00	2
47	☐	1040	2.50	33.85	0.68	47.68	Free Surface	0 - 09:59 hrs	9.89	9.89	1.41	0.97	-13.83	1.81	2.50	0.00	0.12	0.00	0.18	0.00	0
48	☐	1042	3.50	67.70	0.45	47.16	Free Surface	0 - 09:59 hrs	6.33	6.53	0.70	0.85	20.53	1.81	3.50	0.00	0.00	0.00	0.00	0.00	0
49	☐	1043	3.50	44.49	0.20	42.12	Backwater	0 - 10:00 hrs	4.39	5.05	0.95	1.00	2.37	1.81	3.50	0.00	0.00	0.08	0.00	0.00	0

FUTURE CONDITIONS 20-YR 24-HR CONDUITS

		ID	Full Depth (ft)	Full Flow (cfs)	Percent Slope (%)	Maximum Flow (cfs)	Maximum Flow Class	Max.Flow Day-Time (day-time)	Velocity at Maximum Flow (ft/s)	Maximum Velocity (ft/s)	Max.Flow/Fu ll Flow	Max.Depth/F ull Depth	Reserve Capacity (cfs)	Total Flow Volume (MG)	Maximum Top Width (ft)	Both End Surcharge Time (hrs)	Upstream Surcharge Time (hrs)	Downstream Surcharge Time (hrs)	Above Full-Flow Time (hrs)	Capacity Limited Time (hrs)	Instability Index
50	☐	1044	3.50	51.97	0.27	40.51	Backwater	0 - 10:04 hrs	4.28	4.60	0.78	1.00	11.46	1.81	3.50	0.00	0.00	0.14	0.00	0.00	0
51	☐	1045	3.50	61.38	0.37	68.38	ceeds Capac	0 - 10:00 hrs	7.11	7.11	1.11	1.00	-6.99	3.03	3.50	0.15	0.16	0.16	0.13	0.11	0
52	☐	1046	3.50	41.53	0.17	68.70	ceeds Capac	0 - 10:00 hrs	7.73	7.73	1.65	1.00	-27.17	3.03	3.50	0.00	0.13	0.00	0.31	0.00	0
53	☐	1047	3.50	87.30	0.75	68.19	Backwater	0 - 10:02 hrs	8.50	8.52	0.78	1.00	19.10	3.03	3.50	0.00	0.00	0.07	0.00	0.00	0
54	☐	1048	3.50	55.22	0.30	67.97	ceeds Capac	0 - 10:02 hrs	7.74	7.74	1.23	1.00	-12.76	3.03	3.50	0.06	0.07	0.06	0.22	0.05	0
55	☐	1049	4.00	75.82	0.28	68.05	Free Surface	0 - 10:02 hrs	7.10	7.11	0.90	0.99	7.77	3.02	4.00	0.00	0.00	0.01	0.00	0.00	0
56	☐	105	2.00	18.69	0.68	24.51	ceeds Capac	0 - 09:55 hrs	7.81	8.21	1.31	1.00	-5.82	1.55	2.00	0.32	0.36	0.32	0.40	0.32	1
57	☐	1050	4.00	74.75	0.27	69.72	Backwater	0 - 10:03 hrs	7.42	7.55	0.93	1.00	5.03	3.03	4.00	0.01	0.01	0.03	0.00	0.00	0
58	☐	1051	4.00	90.82	0.40	69.01	Backwater	0 - 10:02 hrs	7.75	7.97	0.76	1.00	21.81	3.02	4.00	0.03	0.03	0.06	0.00	0.00	0
59	☐	1052	4.00	100.20	0.49	69.96	Backwater	0 - 10:00 hrs	7.03	7.14	0.70	1.00	30.24	3.03	4.00	0.06	0.06	0.12	0.00	0.00	0
60	☐	1053	4.00	79.87	0.31	80.66	Backwater	0 - 10:00 hrs	8.25	8.63	1.01	1.00	-0.80	3.45	4.00	0.12	0.12	0.18	0.00	0.00	0
61	☐	1054	4.00	153.88	1.15	81.72	Backwater	0 - 09:59 hrs	10.32	10.38	0.53	1.00	72.17	3.43	4.00	0.17	0.18	0.21	0.00	0.00	5
62	☐	1055	4.00	183.46	1.63	75.55	Backwater	0 - 10:00 hrs	6.01	6.16	0.41	1.00	107.91	3.44	4.00	0.23	0.23	0.32	0.00	0.00	4
63	☐	1056	4.00	80.08	0.31	70.52	Backwater	0 - 10:08 hrs	5.61	5.61	0.88	1.00	9.56	3.43	4.00	0.22	0.22	0.27	0.00	0.00	3
64	☐	1057	4.00	80.35	0.31	87.81	ceeds Capac	0 - 10:06 hrs	6.99	6.99	1.09	1.00	-7.46	4.37	4.00	0.27	0.27	0.30	0.18	0.16	3
65	☐	1058	4.00	87.56	0.37	87.89	ceeds Capac	0 - 10:06 hrs	6.99	6.99	1.00	1.00	-0.33	4.37	4.00	0.30	0.30	0.34	0.01	0.06	3
66	☐	1059	4.00	110.02	0.59	87.99	Backwater	0 - 10:06 hrs	7.00	7.00	0.80	1.00	22.03	4.36	4.00	0.34	0.34	0.36	0.00	0.03	4
67	☐	106	6.00	303.63	0.51	139.34	Backwater	0 - 09:59 hrs	4.93	4.93	0.46	1.00	164.29	8.92	6.00	0.79	0.79	20.57	0.00	0.00	14
68	☐	1060	4.00	32.40	0.05	88.11	Backwater	0 - 10:06 hrs	7.01	7.01	2.72	1.00	-55.70	4.35	4.00	0.30	0.30	0.36	0.58	0.00	4
69	☐	1061	1.75	11.17	0.66	23.95	ceeds Capac	0 - 09:53 hrs	9.96	9.96	2.14	1.00	-12.78	1.53	1.62	1.37	1.37	23.97	0.86	0.86	4
70	☐	1062	4.00	77.18	0.29	109.89	ceeds Capac	0 - 10:06 hrs	8.74	8.74	1.42	1.00	-32.71	5.87	3.97	0.23	0.30	0.23	0.40	0.23	2
71	☐	1063	4.00	76.68	0.28	110.07	ceeds Capac	0 - 10:06 hrs	8.82	8.82	1.44	1.00	-33.39	5.85	3.56	0.00	0.23	0.00	0.40	0.00	2
72	☐	1064	1.75	6.63	0.23	1.67	Free Surface	0 - 09:59 hrs	2.63	2.63	0.25	0.31	4.96	0.05	1.73	0.00	0.00	0.00	0.00	0.00	0
73	☐	1065	2.50	69.95	2.91	18.51	Free Surface	0 - 09:59 hrs	5.25	5.25	0.26	0.68	51.44	0.69	2.45	0.00	0.00	24.00	0.00	0.00	1
74	☐	1066	2.50	23.19	0.32	16.94	Free Surface	0 - 09:59 hrs	5.57	5.57	0.73	0.59	6.26	0.64	2.50	0.00	0.00	0.00	0.00	0.00	0
75	☐	1067	3.00	38.68	0.34	41.93	Backwater	0 - 00:00 hrs	6.04	6.13	1.08	1.00	-3.25	1.15	1.20	0.03	0.03	24.00	0.00	0.00	0
76	☐	1068	3.00	36.91	0.31	30.20	Free Surface	0 - 09:59 hrs	4.47	5.18	0.82	0.91	6.71	1.14	2.94	0.00	0.00	0.00	0.00	0.00	0
77	☐	1069	1.25	7.83	1.95	6.49	Backwater	0 - 09:59 hrs	5.28	5.28	0.83	1.00	1.34	0.23	1.21	0.16	0.16	23.98	0.00	0.00	0
78	☐	107	3.00	44.98	0.45	21.54	Backwater	0 - 10:32 hrs	3.05	3.05	0.48	1.00	23.44	8.03	3.00	20.51	20.51	20.62	0.00	0.24	81
79	☐	1070	2.00	35.98	2.53	20.72	Backwater	0 - 09:52 hrs	7.98	9.24	0.58	1.00	15.27	1.62	2.00	0.59	0.59	0.65	0.00	0.00	2
80	☐	1071	2.00	20.15	0.79	18.14	Backwater	0 - 10:22 hrs	5.77	6.71	0.90	1.00	2.01	1.62	2.00	0.65	0.65	0.75	0.00	0.00	1
81	☐	1072	2.50	28.94	0.50	28.14	Backwater	0 - 09:52 hrs	5.73	5.73	0.97	1.00	0.80	2.30	2.50	0.79	0.79	1.02	0.00	0.00	2
82	☐	1073	2.50	13.32	0.11	28.15	Backwater	0 - 09:52 hrs	5.74	5.74	2.11	1.00	-14.83	2.29	2.50	0.74	0.74	1.02	1.20	0.00	2
83	☐	1074	3.50	61.22	0.37	120.33	Free Surface	0 - 09:59 hrs	12.66	12.66	1.97	0.96	-59.12	5.37	3.50	0.00	0.26	0.00	0.44	0.00	0
84	☐	1075	3.50	39.62	0.16	120.20	ceeds Capac	0 - 09:59 hrs	12.49	12.49	3.03	1.00	-80.57	5.38	3.50	0.30	0.35	0.30	0.72	0.30	1
85	☐	1076	3.50	118.26	1.38	120.26	ceeds Capac	0 - 09:59 hrs	12.50	12.50	1.02	1.00	-2.00	5.38	3.50	0.19	0.19	0.37	0.01	0.02	0
86	☐	1077	3.50	88.36	0.77	114.93	ceeds Capac	0 - 09:59 hrs	11.95	11.95	1.30	1.00	-26.57	5.20	3.50	0.19	0.20	0.23	0.22	0.18	0
87	☐	1078	3.50	53.66	0.28	76.15	ceeds Capac	0 - 09:57 hrs	7.96	7.97	1.42	1.00	-22.49	3.49	3.50	0.17	0.18	0.17	0.30	0.17	0
88	☐	1079	3.50	51.12	0.26	75.58	ceeds Capac	0 - 09:56 hrs	8.02	8.03	1.48	1.00	-24.45	3.49	3.50	0.18	0.23	0.18	0.33	0.18	0
89	☐	108	3.00	46.99	0.50	21.54	Backwater	0 - 13:17 hrs	3.05	3.05	0.46	1.00	25.45	8.02	3.00	19.85	19.85	20.51	0.00	0.00	81
90	☐	1080	3.00	35.10	0.28	68.48	Free Surface	0 - 09:59 hrs	9.93	9.93	1.95	0.94	-33.38	4.51	3.00	0.00	0.52	0.00	0.75	0.00	0
91	☐	1082	3.00	23.78	0.13	68.47	ceeds Capac	0 - 09:59 hrs	9.69	9.69	2.88	1.00	-44.69	4.51	3.00	0.40	0.73	0.40	1.25	0.40	0
92	☐	1083	3.00	20.20	0.09	50.02	ceeds Capac	0 - 09:59 hrs	7.08	7.08	2.48	1.00	-29.82	3.80	3.00	0.70	0.79	0.70	1.26	0.70	1
93	☐	1084	2.00	23.86	1.11	27.22	ceeds Capac	0 - 09:59 hrs	8.66	8.75	1.14	1.00	-3.36	1.11	2.00	0.02	0.02	0.02	0.13	0.02	0
94	☐	1085	2.00	20.99	0.86	27.21	ceeds Capac	0 - 09:59 hrs	8.66	8.66	1.30	1.00	-6.22	1.11	2.00	0.02	0.16	0.02	0.19	0.02	0
95	☐	1086	2.00	18.60	0.68	23.81	ceeds Capac	0 - 09:59 hrs	7.58	7.58	1.28	1.00	-5.21	0.93	1.99	0.17	0.17	0.28	0.13	0.12	0
96	☐	1087	2.00	14.91	0.43	23.79	ceeds Capac	0 - 09:59 hrs	7.57	7.57	1.60	1.00	-8.88	0.93	2.00	0.12	0.14	0.12	0.23	0.12	0
97	☐	1088	2.00	19.41	0.74	23.81	ceeds Capac	0 - 09:59 hrs	7.58	7.58	1.23	1.00	-4.40	0.93	2.00	0.13	0.13	0.17	0.10	0.09	0
98	☐	1089	2.00	14.47	0.41	23.80	ceeds Capac	0 - 09:59 hrs	7.58	7.58	1.65	1.00	-9.33	0.93	2.00	0.14	0.17	0.14	0.24	0.14	0

FUTURE CONDITIONS 20-YR 24-HR CONDUITS

		ID	Full Depth (ft)	Full Flow (cfs)	Percent Slope (%)	Maximum Flow (cfs)	Maximum Flow Class	Max.Flow Day-Time (day-time)	Velocity at Maximum Flow (ft/s)	Maximum Velocity (ft/s)	Max.Flow/Fu ll Flow	Max.Depth/F ull Depth	Reserve Capacity (cfs)	Total Flow Volume (MG)	Maximum Top Width (ft)	Both End Surcharge Time (hrs)	Upstream Surcharge Time (hrs)	Downstream Surcharge Time (hrs)	Above Full-Flow Time (hrs)	Capacity Limited Time (hrs)	Instability Index
99	☐	1090	2.00	20.24	0.80	23.79	ceeds Capac	0 - 09:59 hrs	7.57	7.57	1.18	1.00	-3.55	0.93	2.00	0.17	0.17	0.22	0.07	0.07	0
100	☐	1091	2.00	4.64	0.04	23.80	ceeds Capac	0 - 09:59 hrs	7.57	7.57	5.13	1.00	-19.15	0.93	2.00	0.15	0.26	0.15	0.83	0.15	0
101	☐	1092	3.00	112.63	2.85	67.98	Free Surface	0 - 09:59 hrs	12.59	12.59	0.60	0.71	44.65	4.51	3.00	0.00	0.00	0.00	0.00	0.00	0
102	☐	1093	3.00	94.67	2.01	67.74	Free Surface	0 - 09:59 hrs	14.54	14.54	0.72	0.63	26.93	4.51	3.00	0.00	0.00	0.00	0.00	0.00	0
103	☐	1094	3.00	66.21	0.99	72.03	ceeds Capac	0 - 10:00 hrs	10.19	10.19	1.09	1.00	-5.83	4.66	3.00	0.19	0.19	0.24	0.15	0.14	0
104	☐	1095	3.00	34.38	0.27	72.03	ceeds Capac	0 - 10:00 hrs	10.19	10.19	2.10	1.00	-37.66	4.66	3.00	0.25	0.34	0.25	0.82	0.25	0
105	☐	1096	3.00	45.34	0.46	72.03	Free Surface	0 - 10:00 hrs	10.41	10.41	1.59	0.95	-26.69	4.66	3.00	0.00	0.33	0.00	0.57	0.00	0
106	☐	1097	2.00	17.60	0.61	23.95	ceeds Capac	0 - 09:53 hrs	7.62	7.62	1.36	1.00	-6.35	1.54	2.00	0.64	0.64	1.04	0.48	0.48	1
107	☐	1098	2.00	9.68	0.18	23.95	ceeds Capac	0 - 09:53 hrs	7.62	7.62	2.47	1.00	-14.27	1.54	2.00	0.62	0.68	0.62	0.98	0.62	1
108	☐	1099	2.00	6.64	0.09	16.74	ceeds Capac	0 - 10:08 hrs	5.33	5.33	2.52	1.00	-10.10	1.08	2.00	0.68	0.69	0.68	0.99	0.61	1
109	☐	11	2.00	15.99	0.50	21.45	ceeds Capac	0 - 09:49 hrs	6.89	6.93	1.34	1.00	-5.45	4.07	2.00	1.67	2.54	1.67	3.03	1.67	0
110	☐	110	3.50	193.44	3.70	42.90	Backwater	0 - 17:13 hrs	4.46	4.46	0.22	1.00	150.55	12.52	3.50	21.30	21.30	21.42	0.00	0.00	77
111	☐	1100	1.50	9.33	1.05	1.92	Backwater	0 - 09:55 hrs	1.68	1.82	0.21	1.00	7.41	0.00	1.50	0.18	0.18	0.22	0.00	0.00	1
112	☐	1101	2.50	40.14	0.96	28.21	Backwater	0 - 09:52 hrs	5.75	5.75	0.70	1.00	11.93	2.29	2.50	0.74	0.74	1.12	0.00	0.00	3
113	☐	1102	2.50	15.15	0.14	32.59	ceeds Capac	0 - 09:53 hrs	6.64	6.64	2.15	1.00	-17.43	2.69	2.50	0.74	0.85	0.74	1.22	0.74	4
114	☐	1103	2.50	26.63	0.42	32.60	Backwater	0 - 09:53 hrs	6.64	6.64	1.22	1.00	-5.97	2.69	2.50	0.85	0.85	1.12	0.40	0.00	5
115	☐	1104	1.50	14.33	2.48	11.65	Backwater	0 - 09:53 hrs	7.92	8.94	0.81	1.00	2.68	0.61	1.50	0.40	0.40	0.43	0.00	0.00	1
116	☐	1105	2.00	17.20	0.58	10.72	Backwater	0 - 09:53 hrs	4.04	4.34	0.62	1.00	6.48	0.61	2.00	0.44	0.44	0.49	0.00	0.00	1
117	☐	1106	2.25	22.35	0.52	26.35	ceeds Capac	0 - 09:59 hrs	6.63	6.63	1.18	1.00	-4.00	1.37	2.25	0.47	0.47	0.50	0.22	0.22	1
118	☐	1107	2.25	22.18	0.51	21.31	Backwater	0 - 10:10 hrs	5.36	5.96	0.96	1.00	0.87	1.35	2.25	0.52	0.52	0.54	0.00	0.00	0
119	☐	1108	2.25	22.39	0.52	22.04	Backwater	0 - 10:11 hrs	5.54	6.21	0.98	1.00	0.35	1.60	2.25	0.55	0.55	0.59	0.00	0.00	0
120	☐	1109	3.00	36.53	0.30	66.87	ceeds Capac	0 - 09:55 hrs	9.52	9.88	1.83	1.00	-30.34	4.68	3.00	0.45	0.58	0.45	0.78	0.40	1
121	☐	111	4.00	41.80	0.08	45.98	Backwater	0 - 13:14 hrs	3.66	3.66	1.10	1.00	-4.17	14.39	4.00	20.30	20.30	21.17	9.34	0.00	56
122	☐	1110	3.00	55.81	0.70	66.82	ceeds Capac	0 - 09:55 hrs	9.45	9.45	1.20	1.00	-11.01	4.69	3.00	0.47	0.47	0.50	0.16	0.15	1
123	☐	1111	3.00	36.38	0.30	67.46	ceeds Capac	0 - 09:53 hrs	9.54	9.54	1.85	1.00	-31.08	4.76	3.00	0.48	0.70	0.48	0.80	0.48	0
124	☐	1112	3.00	39.76	0.36	45.51	ceeds Capac	0 - 09:53 hrs	6.44	6.44	1.14	1.00	-5.75	3.28	3.00	0.60	0.60	0.72	0.13	0.13	0
125	☐	1113	2.50	27.12	0.44	53.02	ceeds Capac	0 - 09:59 hrs	10.80	10.80	1.96	1.00	-25.90	4.15	2.50	0.62	0.69	0.62	0.97	0.62	1
126	☐	1114	2.50	20.96	0.26	31.25	ceeds Capac	0 - 10:22 hrs	6.37	6.37	1.49	1.00	-10.29	2.73	2.50	0.68	0.75	0.69	0.78	0.55	0
127	☐	1115	2.50	21.52	0.28	16.67	Backwater	0 - 10:22 hrs	3.40	4.69	0.77	1.00	4.85	1.31	2.50	0.66	0.66	0.70	0.00	0.00	1
128	☐	1116	3.50	165.91	2.72	58.98	Backwater	0 - 10:23 hrs	6.70	10.01	0.36	1.00	106.93	4.68	3.50	0.41	0.41	0.53	0.00	0.00	1
129	☐	1117	3.50	70.95	0.50	59.00	Backwater	0 - 10:23 hrs	6.13	6.53	0.83	1.00	11.95	4.68	3.50	0.53	0.53	0.58	0.00	0.00	1
130	☐	1118	3.50	60.50	0.36	98.98	ceeds Capac	0 - 09:55 hrs	10.29	10.29	1.64	1.00	-38.49	6.92	3.50	0.54	0.61	0.54	0.71	0.54	2
131	☐	1119	3.50	87.05	0.75	109.20	ceeds Capac	0 - 09:56 hrs	11.35	11.35	1.25	1.00	-22.15	7.53	3.50	0.41	0.41	0.50	0.39	0.37	0
132	☐	112	4.50	85.35	0.19	74.34	Backwater	0 - 09:59 hrs	4.67	4.67	0.87	1.00	11.01	14.96	4.50	15.95	15.95	18.70	0.00	0.00	40
133	☐	1120	3.50	87.98	0.76	106.24	ceeds Capac	0 - 09:59 hrs	11.04	11.04	1.21	1.00	-18.25	7.51	3.50	0.49	0.49	0.56	0.37	0.37	0
134	☐	1121	3.50	98.25	0.95	136.29	ceeds Capac	0 - 09:59 hrs	14.17	14.17	1.39	1.00	-38.04	8.77	3.39	0.55	0.55	23.92	0.38	0.38	1
135	☐	1122	3.50	54.95	0.30	111.28	ceeds Capac	0 - 09:55 hrs	11.57	11.57	2.03	1.00	-56.33	7.53	3.50	0.44	0.64	0.44	0.82	0.44	1
136	☐	1123	2.50	56.43	1.89	52.99	Free Surface	0 - 09:59 hrs	12.76	12.76	0.94	0.79	3.44	4.15	2.50	0.00	0.38	0.00	0.00	0.00	1
137	☐	1124	2.50	33.46	0.67	53.00	ceeds Capac	0 - 09:59 hrs	10.80	10.80	1.58	1.00	-19.54	4.15	2.50	0.38	0.62	0.38	0.71	0.38	1
138	☐	1126	2.00	21.61	0.91	7.47	Backwater	0 - 10:11 hrs	2.58	3.63	0.35	1.00	14.14	0.49	2.00	0.10	0.10	0.13	0.00	0.00	0
139	☐	1128	2.00	7.88	0.12	28.11	Backwater	0 - 10:06 hrs	8.95	8.95	3.56	1.00	-20.22	1.40	2.00	0.27	0.27	0.33	0.98	0.00	0
140	☐	1129	2.00	7.91	0.12	0.00	Backwater	0 - 00:00 hrs	0.00	0.00	0.00	1.00	7.91	0.00	0.78	21.73	21.73	24.00	0.00	0.00	0
141	☐	1130	3.50	41.64	0.17	30.04	Backwater	0 - 10:02 hrs	3.12	3.12	0.72	1.00	11.59	1.67	3.50	6.51	6.51	9.01	0.00	0.00	30
142	☐	1131	1.50	5.40	0.35	19.91	Backwater	0 - 09:52 hrs	11.27	11.27	3.69	1.00	-14.51	0.19	1.50	1.30	1.30	1.30	0.01	0.56	7
143	☐	1132	2.25	43.29	1.95	34.42	Backwater	0 - 09:59 hrs	8.66	8.66	0.80	1.00	8.87	1.80	2.25	1.44	1.45	1.46	0.00	0.32	4
144	☐	1133	3.50	160.66	2.55	58.33	Backwater	0 - 09:52 hrs	6.27	6.41	0.36	1.00	102.33	7.72	3.50	1.29	1.29	1.32	0.00	0.13	6
145	☐	1134	4.00	81.43	0.32	69.90	Backwater	0 - 09:59 hrs	5.56	5.56	0.86	1.00	11.53	8.22	4.00	1.16	1.16	1.37	0.00	0.00	5
146	☐	1135	3.50	56.38	0.31	59.96	Backwater	0 - 09:52 hrs	6.36	6.59	1.06	1.00	-3.58	7.72	3.50	1.11	1.11	1.32	0.02	0.00	4
147	☐	1136	1.50	3.65	0.16	8.65	ceeds Capac	0 - 09:49 hrs	4.92	4.92	2.37	1.00	-5.00	0.97	1.50	1.34	1.79	1.34	2.29	1.34	2

FUTURE CONDITIONS 20-YR 24-HR CONDUITS

		ID	Full Depth (ft)	Full Flow (cfs)	Percent Slope (%)	Maximum Flow (cfs)	Maximum Flow Class	Max.Flow Day-Time (day-time)	Velocity at Maximum Flow (ft/s)	Maximum Velocity (ft/s)	Max.Flow/Fu ll Flow	Max.Depth/F ull Depth	Reserve Capacity (cfs)	Total Flow Volume (MG)	Maximum Top Width (ft)	Both End Surcharge Time (hrs)	Upstream Surcharge Time (hrs)	Downstream Surcharge Time (hrs)	Above Full-Flow Time (hrs)	Capacity Limited Time (hrs)	Instability Index
148	☐	114	4.00	99.18	0.48	100.98	Free Surface	0 - 10:14 hrs	9.31	9.31	1.02	0.81	-1.80	9.13	4.00	0.00	0.00	0.00	0.36	0.00	0
149	☐	1140	2.50	17.69	0.19	21.45	ceeds Capac	0 - 10:26 hrs	4.37	4.37	1.21	1.00	-3.77	2.16	2.50	1.18	1.18	5.09	0.76	0.77	4
150	☐	1141	2.50	21.49	0.27	21.44	Backwater	0 - 10:26 hrs	4.37	4.37	1.00	1.00	0.05	2.14	2.50	20.13	20.13	20.55	0.00	0.20	41
151	☐	1142	2.50	7.08	0.03	19.77	ceeds Capac	0 - 09:53 hrs	4.03	4.03	2.79	1.00	-12.69	1.20	2.50	0.54	0.56	0.54	0.97	0.53	1
152	☐	1143	2.50	25.83	0.40	40.26	ceeds Capac	0 - 09:59 hrs	8.20	8.20	1.56	1.00	-14.43	2.18	2.50	0.58	0.58	0.64	0.39	0.39	1
153	☐	1144	2.50	29.01	0.50	40.23	ceeds Capac	0 - 09:59 hrs	8.20	8.20	1.39	1.00	-11.23	2.18	2.50	0.55	0.55	0.71	0.36	0.35	1
154	☐	1145	2.50	9.50	0.05	40.25	ceeds Capac	0 - 09:59 hrs	8.20	8.20	4.23	1.00	-30.74	2.17	2.50	0.33	0.61	0.33	1.31	0.33	0
155	☐	1146	2.50	10.23	0.06	40.22	ceeds Capac	0 - 09:59 hrs	8.19	8.19	3.93	1.00	-29.99	2.17	2.50	0.27	0.37	0.27	1.25	0.27	1
156	☐	1147	2.00	11.37	0.25	16.33	ceeds Capac	0 - 10:10 hrs	5.20	5.20	1.44	1.00	-4.97	0.97	2.00	0.64	0.64	0.72	0.31	0.35	0
157	☐	1148	2.00	12.68	0.31	16.34	ceeds Capac	0 - 10:10 hrs	5.20	5.20	1.29	1.00	-3.66	0.97	2.00	0.48	0.48	0.58	0.22	0.22	0
158	☐	1149	1.25	10.04	3.21	12.21	ceeds Capac	0 - 09:52 hrs	9.95	9.95	1.22	1.00	-2.18	1.35	1.25	0.79	0.84	0.81	0.91	0.79	0
159	☐	115	3.50	83.04	0.68	101.05	Free Surface	0 - 10:06 hrs	10.77	10.77	1.22	0.94	-18.01	9.13	3.50	0.00	0.45	0.00	0.63	0.00	1
160	☐	1150	2.00	15.60	0.48	13.34	Backwater	0 - 10:15 hrs	4.37	5.64	0.85	1.00	2.26	1.34	2.00	0.31	0.31	0.39	0.00	0.00	0
161	☐	1151	3.00	36.48	0.30	13.82	Backwater	0 - 10:18 hrs	2.01	2.39	0.38	1.00	22.65	1.34	3.00	0.37	0.37	0.78	0.00	0.00	2
162	☐	1152	3.00	21.67	0.11	37.77	ceeds Capac	0 - 10:07 hrs	5.34	5.34	1.74	1.00	-16.09	2.73	3.00	0.78	0.78	0.78	0.78	0.74	1
163	☐	1153	3.00	25.06	0.14	37.79	ceeds Capac	0 - 10:07 hrs	5.35	5.35	1.51	1.00	-12.73	2.72	3.00	0.78	0.78	0.91	0.62	0.61	1
164	☐	1154	3.00	19.08	0.08	47.76	ceeds Capac	0 - 09:59 hrs	6.76	6.76	2.50	1.00	-28.67	3.20	3.00	0.77	0.91	0.77	1.09	0.76	1
165	☐	1155	2.00	10.72	0.22	15.01	Backwater	0 - 10:14 hrs	4.78	4.78	1.40	1.00	-4.28	1.10	2.00	20.69	20.69	20.88	0.56	0.00	77
166	☐	1156	2.00	37.34	2.72	14.99	Backwater	0 - 10:14 hrs	4.77	4.77	0.40	1.00	22.34	1.10	2.00	20.69	20.69	21.07	0.00	0.00	77
167	☐	1157	3.50	52.37	0.27	44.61	Backwater	0 - 09:59 hrs	4.64	4.64	0.85	1.00	7.76	3.70	3.50	20.68	20.68	21.06	0.00	0.00	63
168	☐	1158	3.00	24.90	0.40	42.95	ceeds Capac	0 - 00:00 hrs	6.14	6.22	1.72	1.00	-18.05	7.53	1.18	23.99	23.99	24.00	2.35	2.32	11
169	☐	1159	2.50	23.18	0.32	34.88	ceeds Capac	0 - 09:59 hrs	7.11	19.03	1.50	1.00	-11.70	7.53	1.85	4.32	4.32	23.91	3.29	3.24	13
170	☐	1160	2.00	13.14	0.34	6.48	Backwater	0 - 10:29 hrs	2.06	2.20	0.49	1.00	6.66	0.63	2.00	3.12	3.12	3.63	0.00	0.00	14
171	☐	1161	2.00	9.17	0.16	6.52	Backwater	0 - 10:29 hrs	2.08	2.11	0.71	1.00	2.64	0.62	2.00	3.63	3.63	3.86	0.00	0.10	14
172	☐	1162	1.50	24.80	7.42	16.35	Backwater	0 - 10:32 hrs	9.25	9.25	0.66	1.00	8.45	2.89	1.50	2.45	2.45	4.41	0.00	0.00	10
173	☐	1163	1.50	12.80	1.98	16.35	ceeds Capac	0 - 10:03 hrs	9.25	9.25	1.28	1.00	-3.55	2.89	1.38	4.41	4.41	23.86	2.11	2.11	21
174	☐	1164	2.00	7.14	0.10	9.99	ceeds Capac	0 - 12:30 hrs	3.18	3.67	1.40	1.00	-2.84	2.53	1.97	23.85	23.85	23.86	4.42	4.50	54
175	☐	1165	2.50	13.03	0.10	13.18	Backwater	0 - 00:07 hrs	2.79	2.84	1.01	1.00	-0.15	2.51	2.50	23.87	23.87	23.91	0.01	0.01	36
176	☐	1166	5.00	369.59	2.01	324.70	Backwater	0 - 00:00 hrs	17.28	17.28	0.88	1.00	44.89	3.06	1.96	23.99	23.99	24.00	0.00	0.02	69
177	☐	1167	3.50	47.25	0.22	100.87	ceeds Capac	0 - 00:01 hrs	10.56	10.67	2.13	1.00	-53.62	7.14	1.37	23.97	23.97	24.00	0.19	0.13	50
178	☐	1168	3.50	50.08	0.25	79.19	Backwater	0 - 00:01 hrs	8.70	8.70	1.58	1.00	-29.10	7.17	3.00	23.96	23.96	23.97	0.04	0.04	53
179	☐	1169	3.50	54.54	0.29	66.29	Backwater	0 - 00:02 hrs	7.72	10.43	1.22	1.00	-11.74	6.28	1.37	23.95	23.95	23.97	0.02	0.00	78
180	☐	117	4.50	101.07	0.26	143.63	ceeds Capac	0 - 09:53 hrs	9.12	9.33	1.42	1.00	-42.57	13.16	4.50	1.17	1.25	1.17	1.40	0.86	3
181	☐	1170	4.00	122.87	0.73	68.55	Free Surface	0 - 10:04 hrs	5.73	5.73	0.56	0.90	54.32	3.18	4.00	0.00	0.00	0.00	0.00	0.00	1
182	☐	1171	4.00	34.64	0.06	68.66	Free Surface	0 - 10:04 hrs	5.65	5.70	1.98	0.93	-34.02	3.19	4.00	0.00	0.00	0.04	0.44	0.00	0
183	☐	1172	4.00	88.54	0.38	68.67	Free Surface	0 - 10:04 hrs	5.48	5.48	0.78	0.99	19.86	3.19	4.00	0.00	0.00	0.04	0.00	0.00	0
184	☐	1173	3.50	54.68	0.30	57.89	Backwater	0 - 00:02 hrs	6.70	6.70	1.06	1.00	-3.22	6.31	2.78	23.93	23.93	23.95	0.01	0.00	76
185	☐	1174	3.50	46.77	0.22	48.35	Backwater	0 - 00:04 hrs	5.66	5.67	1.03	1.00	-1.57	6.33	3.03	23.90	23.90	23.93	0.00	0.00	63
186	☐	1175	3.50	42.09	0.17	45.04	Backwater	0 - 00:05 hrs	5.82	5.95	1.07	1.00	-2.95	6.35	3.26	23.83	23.83	23.90	0.01	0.02	61
187	☐	1176	2.50	4.10	0.01	49.38	ceeds Capac	0 - 10:07 hrs	10.06	10.06	12.04	1.00	-45.28	2.79	1.28	23.94	23.94	23.94	5.57	12.15	90
188	☐	1177	1.50	12.06	1.76	7.69	Backwater	0 - 00:03 hrs	4.71	5.33	0.64	1.00	4.37	0.00	0.59	14.87	14.87	23.94	0.00	0.00	71
189	☐	1178	3.50	72.20	0.51	49.94	Backwater	0 - 10:03 hrs	5.19	5.19	0.69	1.00	22.26	5.81	3.50	2.14	2.14	8.12	0.00	0.00	22
190	☐	1179	3.50	44.87	0.20	49.95	ceeds Capac	0 - 09:56 hrs	5.19	5.19	1.11	1.00	-5.08	5.77	3.49	23.76	23.76	23.77	0.46	0.56	86
191	☐	118	3.50	35.90	0.13	41.80	ceeds Capac	0 - 10:18 hrs	4.34	4.34	1.16	1.00	-5.90	3.67	3.50	0.71	0.72	0.72	0.41	0.34	2
192	☐	1180	3.50	32.30	0.10	49.95	ceeds Capac	0 - 10:00 hrs	5.19	5.19	1.55	1.00	-17.64	5.79	3.45	8.12	8.12	23.10	1.07	1.12	43
193	☐	1181	2.25	15.75	0.26	20.96	ceeds Capac	0 - 09:59 hrs	5.27	5.27	1.33	1.00	-5.21	2.49	2.25	1.30	1.30	1.42	0.97	0.97	4
194	☐	1182	3.00	48.68	0.53	38.92	Backwater	0 - 09:59 hrs	5.51	5.51	0.80	1.00	9.75	5.05	3.00	1.81	1.81	2.80	0.00	0.00	11
195	☐	1183	2.25	17.28	0.31	20.97	ceeds Capac	0 - 09:59 hrs	5.27	5.27	1.21	1.00	-3.69	2.48	2.25	1.43	1.43	1.61	0.83	0.83	5
196	☐	1184	2.25	10.66	0.12	19.62	ceeds Capac	0 - 09:48 hrs	4.93	4.93	1.84	1.00	-8.96	2.57	2.25	2.38	2.38	2.55	1.51	1.54	8

FUTURE CONDITIONS 20-YR 24-HR CONDUITS

		ID	Full Depth (ft)	Full Flow (cfs)	Percent Slope (%)	Maximum Flow (cfs)	Maximum Flow Class	Max.Flow Day-Time (day-time)	Velocity at Maximum Flow (ft/s)	Maximum Velocity (ft/s)	Max.Flow/Fu ll Flow	Max.Depth/F ull Depth	Reserve Capacity (cfs)	Total Flow Volume (MG)	Maximum Top Width (ft)	Both End Surcharge Time (hrs)	Upstream Surcharge Time (hrs)	Downstream Surcharge Time (hrs)	Above Full-Flow Time (hrs)	Capacity Limited Time (hrs)	Instability Index
197	☐	1185	2.25	35.31	1.30	22.54	Backwater	0 - 10:18 hrs	5.67	5.67	0.64	1.00	12.77	2.36	2.25	1.32	1.32	2.05	0.00	0.00	4
198	☐	1186	2.25	14.12	0.21	16.81	ceeds Capac	0 - 10:34 hrs	4.23	4.23	1.19	1.00	-2.69	2.17	2.25	2.03	2.03	2.40	0.52	0.58	7
199	☐	1187	3.50	46.31	0.21	34.76	Backwater	0 - 10:56 hrs	3.61	4.78	0.75	1.00	11.55	6.38	3.46	23.78	23.78	23.83	0.00	0.00	65
200	☐	1188	2.75	27.64	0.27	103.15	Backwater	0 - 00:00 hrs	17.37	17.37	3.73	1.00	-75.51	2.29	1.08	24.00	24.00	24.00	0.06	0.00	81
201	☐	1189	2.75	48.02	0.82	94.33	ceeds Capac	0 - 00:00 hrs	16.25	16.25	1.96	1.00	-46.31	2.29	1.08	23.99	24.00	23.99	0.02	0.25	79
202	☐	119	3.50	43.26	0.18	33.18	Backwater	0 - 10:03 hrs	3.45	3.45	0.77	1.00	10.09	1.74	3.50	0.55	0.55	0.61	0.00	0.01	1
203	☐	1190	2.75	27.01	0.26	51.92	Backwater	0 - 00:01 hrs	8.76	9.07	1.92	1.00	-24.92	2.30	1.08	23.97	23.97	23.99	0.05	0.00	69
204	☐	1191	1.00	4.27	1.91	8.13	Backwater	0 - 00:01 hrs	10.59	10.59	1.90	1.00	-3.85	0.00	0.39	23.96	23.96	23.96	0.00	0.01	82
205	☐	1192	2.75	27.64	0.27	54.40	Backwater	0 - 00:01 hrs	10.46	10.62	1.97	1.00	-26.77	2.32	2.12	23.97	23.97	23.97	0.04	0.02	89
206	☐	1193	2.75	34.68	0.43	41.30	Backwater	0 - 00:02 hrs	7.53	8.62	1.19	1.00	-6.62	2.32	2.01	23.96	23.96	23.97	0.01	0.01	91
207	☐	1194	2.50	14.81	0.13	29.99	Backwater	0 - 00:02 hrs	6.60	6.60	2.02	1.00	-15.18	2.33	2.00	23.94	23.94	23.96	0.02	0.43	75
208	☐	1195	1.75	9.22	0.45	11.62	ceeds Capac	0 - 09:48 hrs	4.83	4.83	1.26	1.00	-2.41	1.38	1.75	0.92	0.92	0.97	0.87	0.83	3
209	☐	1196	2.25	19.97	0.55	11.46	Backwater	0 - 10:27 hrs	2.88	4.67	0.57	1.00	8.50	1.38	2.25	0.89	0.89	1.11	0.00	0.00	6
210	☐	1197	2.25	13.24	0.24	11.45	Backwater	0 - 10:29 hrs	2.88	4.22	0.86	1.00	1.79	1.38	2.25	0.85	0.85	0.89	0.00	0.19	5
211	☐	1198	2.00	12.26	0.39	17.12	Backwater	0 - 10:03 hrs	5.45	5.45	1.40	1.00	-4.86	0.19	2.00	1.15	1.15	1.17	0.25	0.04	4
212	☐	1199	2.00	16.04	0.50	9.79	Backwater	0 - 10:36 hrs	3.12	4.85	0.61	1.00	6.25	1.19	2.00	1.17	1.17	1.20	0.00	0.02	4
213	☐	12	2.00	16.00	0.50	25.20	Free Surface	0 - 10:38 hrs	8.17	8.17	1.58	0.95	-9.21	3.26	2.00	0.00	1.48	0.00	1.79	0.00	0
214	☐	120	4.50	214.91	1.19	247.65	ceeds Capac	0 - 09:56 hrs	15.70	16.58	1.15	1.00	-32.73	36.36	4.50	1.31	1.32	1.34	1.10	1.07	5
215	☐	1200	2.00	6.20	0.08	26.18	ceeds Capac	0 - 09:57 hrs	8.33	8.33	4.22	1.00	-19.97	1.25	2.00	0.33	0.48	0.33	1.00	0.33	0
216	☐	1201	3.50	110.35	1.20	26.35	Backwater	0 - 09:57 hrs	2.74	2.74	0.24	1.00	84.00	1.24	3.50	21.22	21.22	21.59	0.00	0.00	3
217	☐	1202	3.75	38.39	0.10	44.13	ceeds Capac	0 - 10:03 hrs	4.00	4.14	1.15	1.00	-5.74	2.06	3.75	0.09	0.11	0.09	0.18	0.07	1
218	☐	1203	4.00	55.30	0.15	1.92	Free Surface	0 - 09:56 hrs	0.25	1.30	0.03	0.99	53.37	0.00	4.00	0.00	0.00	0.02	0.00	0.00	1
219	☐	1204	4.00	31.76	0.05	43.48	ceeds Capac	0 - 10:04 hrs	3.46	3.46	1.37	1.00	-11.73	2.06	4.00	0.14	0.16	0.14	0.28	0.14	0
220	☐	1205	3.50	48.54	0.23	47.50	Backwater	0 - 09:59 hrs	4.94	4.94	0.98	1.00	1.04	2.07	3.50	0.47	0.47	0.48	0.00	0.12	0
221	☐	1206	3.75	37.29	0.10	44.49	ceeds Capac	0 - 10:02 hrs	4.03	4.33	1.19	1.00	-7.20	2.06	3.75	0.08	0.09	0.08	0.19	0.07	0
222	☐	1207	3.00	81.73	1.50	44.15	Backwater	0 - 10:02 hrs	6.25	6.25	0.54	1.00	37.59	2.06	3.00	0.60	0.60	0.76	0.00	0.00	2
223	☐	1208	2.50	23.19	0.32	40.23	ceeds Capac	0 - 09:59 hrs	8.19	8.19	1.73	1.00	-17.04	2.17	2.50	0.25	0.31	0.25	0.45	0.25	1
224	☐	1209	2.50	17.18	0.18	20.18	ceeds Capac	0 - 09:40 hrs	4.11	5.22	1.18	1.00	-3.01	5.91	2.50	3.73	3.74	3.73	4.00	1.96	18
225	☐	121	3.33	59.57	0.45	62.20	Backwater	0 - 00:00 hrs	7.20	7.20	1.04	1.00	-2.63	2.95	1.31	23.95	23.95	24.00	0.00	0.01	1
226	☐	1210	2.50	24.19	0.35	20.17	Backwater	0 - 09:41 hrs	4.11	4.80	0.83	1.00	4.02	5.91	2.50	3.74	3.74	4.29	0.00	0.00	17
227	☐	1211	2.50	22.03	0.29	20.14	Backwater	0 - 09:41 hrs	4.10	4.40	0.91	1.00	1.89	5.91	2.50	4.29	4.29	4.39	0.00	1.18	20
228	☐	1212	2.50	18.92	0.21	20.14	ceeds Capac	0 - 09:41 hrs	4.10	4.55	1.06	1.00	-1.22	5.90	2.50	4.39	4.39	4.47	2.65	2.07	21
229	☐	1213	2.50	31.06	0.57	20.14	Backwater	0 - 09:40 hrs	4.10	4.10	0.65	1.00	10.92	5.90	2.50	4.63	4.63	4.78	0.00	0.08	22
230	☐	1214	2.50	11.69	0.08	20.19	ceeds Capac	0 - 09:41 hrs	4.11	4.11	1.73	1.00	-8.49	5.90	2.50	4.77	4.81	4.77	5.85	4.60	22
231	☐	1215	2.50	13.72	0.11	20.18	ceeds Capac	0 - 09:41 hrs	4.11	4.11	1.47	1.00	-6.46	5.90	2.50	4.73	4.77	4.73	5.11	4.56	20
232	☐	1216	2.50	17.29	0.18	20.22	ceeds Capac	0 - 09:45 hrs	4.12	4.12	1.17	1.00	-2.93	5.90	2.50	4.92	4.92	5.01	3.83	3.04	21
233	☐	1217	2.00	1.96	0.01	11.63	Backwater	0 - 09:48 hrs	3.70	3.70	5.93	1.00	-9.67	1.15	2.00	3.58	3.58	3.59	5.34	0.74	18
234	☐	1218	2.50	19.38	0.22	34.88	ceeds Capac	0 - 09:59 hrs	7.11	7.11	1.80	1.00	-15.50	7.54	2.50	4.92	4.92	5.08	4.52	4.34	18
235	☐	1219	2.25	56.33	3.31	17.26	Backwater	0 - 09:59 hrs	4.34	4.34	0.31	1.00	39.07	1.65	2.25	3.73	3.73	4.03	0.00	0.21	14
236	☐	1220	2.00	14.20	0.39	41.80	ceeds Capac	0 - 00:00 hrs	13.31	13.31	2.94	1.00	-27.60	0.67	0.78	24.00	24.00	24.00	0.18	0.18	1
237	☐	1221	2.00	18.25	0.65	23.89	Backwater	0 - 00:00 hrs	7.86	7.86	1.31	1.00	-5.64	0.67	0.78	23.92	23.92	23.99	0.00	0.00	1
238	☐	1222	2.00	21.05	0.87	17.84	Backwater	0 - 09:59 hrs	5.68	5.68	0.85	1.00	3.20	0.68	1.56	0.46	0.46	23.98	0.00	0.00	4
239	☐	1224	3.00	43.00	0.42	40.28	Backwater	0 - 09:59 hrs	5.70	5.70	0.94	1.00	2.72	2.16	1.98	0.29	0.29	24.00	0.00	0.00	0
240	☐	1225	2.50	55.84	1.85	40.29	Backwater	0 - 09:59 hrs	8.21	8.21	0.72	1.00	15.54	2.17	2.49	0.31	0.31	0.34	0.00	0.01	1
241	☐	1226	2.50	28.47	0.48	24.88	Backwater	0 - 10:04 hrs	5.07	5.07	0.87	1.00	3.60	1.15	2.50	0.34	0.34	0.46	0.00	0.00	0
242	☐	1227	2.50	30.66	0.56	46.95	ceeds Capac	0 - 09:59 hrs	9.57	9.57	1.53	1.00	-16.29	2.14	2.50	0.50	0.50	1.06	0.31	0.31	0
243	☐	1228	3.00	37.44	0.32	46.94	ceeds Capac	0 - 09:59 hrs	6.64	6.64	1.25	1.00	-9.51	2.13	3.00	0.63	0.63	20.12	0.21	0.21	1
244	☐	1229	4.00	244.39	2.89	94.67	Backwater	0 - 09:59 hrs	7.53	7.53	0.39	1.00	149.71	5.29	4.00	20.17	20.17	20.85	0.00	0.00	9
245	☐	1230	3.50	19.10	0.04	44.63	ceeds Capac	0 - 09:59 hrs	4.64	4.64	2.34	1.00	-25.53	3.71	3.50	20.66	20.66	20.68	1.24	9.21	85

FUTURE CONDITIONS 20-YR 24-HR CONDUITS

		ID	Full Depth (ft)	Full Flow (cfs)	Percent Slope (%)	Maximum Flow (cfs)	Maximum Flow Class	Max.Flow Day-Time (day-time)	Velocity at Maximum Flow (ft/s)	Maximum Velocity (ft/s)	Max.Flow/Fu ll Flow	Max.Depth/F ull Depth	Reserve Capacity (cfs)	Total Flow Volume (MG)	Maximum Top Width (ft)	Both End Surcharge Time (hrs)	Upstream Surcharge Time (hrs)	Downstream Surcharge Time (hrs)	Above Full-Flow Time (hrs)	Capacity Limited Time (hrs)	Instability Index
246	☐	1231	3.00	7.85	0.01	15.04	ceeds Capac	0 - 10:14 hrs	2.13	2.13	1.92	1.00	-7.19	1.09	3.00	20.70	20.70	20.71	0.80	7.61	86
247	☐	1232	3.25	36.17	0.19	33.32	Backwater	0 - 09:59 hrs	4.02	4.02	0.92	1.00	2.84	2.64	3.25	20.35	20.35	20.70	0.00	0.01	62
248	☐	1234	2.00	13.29	0.35	20.22	ceeds Capac	0 - 10:26 hrs	6.44	6.44	1.52	1.00	-6.93	2.01	2.00	1.19	1.19	1.33	0.99	1.00	3
249	☐	1235	2.50	17.21	0.18	20.23	ceeds Capac	0 - 10:26 hrs	4.12	4.12	1.18	1.00	-3.02	2.01	2.50	1.13	1.13	1.18	0.73	0.58	4
250	☐	1236	3.50	73.09	0.53	85.57	Backwater	0 - 00:00 hrs	8.97	8.97	1.17	1.00	-12.48	5.52	1.37	23.99	23.99	24.00	0.01	0.00	53
251	☐	1237	2.00	10.93	0.23	11.29	Backwater	0 - 09:37 hrs	4.04	4.29	1.03	1.00	-0.36	2.46	2.00	3.25	3.25	3.80	0.03	0.01	9
252	☐	1238	2.00	10.01	0.20	11.61	ceeds Capac	0 - 09:48 hrs	3.70	3.70	1.16	1.00	-1.60	1.14	2.00	3.47	3.47	3.85	0.24	0.24	11
253	☐	1239	2.00	7.22	0.10	12.75	ceeds Capac	0 - 09:08 hrs	4.06	4.06	1.76	1.00	-5.52	2.80	2.00	4.79	4.83	4.79	4.80	2.96	17
254	☐	1240	2.00	7.44	0.11	20.51	ceeds Capac	0 - 09:59 hrs	6.53	6.53	2.76	1.00	-13.07	3.79	2.00	4.64	4.67	4.64	5.59	3.85	21
255	☐	1241	1.50	2.64	0.08	3.56	Backwater	0 - 10:33 hrs	2.02	2.02	1.35	1.00	-0.93	0.47	1.50	4.65	4.65	4.69	0.91	1.84	26
256	☐	1242	2.50	18.44	0.20	25.72	ceeds Capac	0 - 10:03 hrs	5.24	5.24	1.39	1.00	-7.28	6.03	2.50	3.81	3.81	3.89	3.52	3.06	14
257	☐	1244	2.00	7.13	0.10	12.73	ceeds Capac	0 - 09:08 hrs	4.05	4.05	1.78	1.00	-5.60	2.79	2.00	4.28	4.79	4.28	4.85	2.70	7
258	☐	1245	2.00	7.24	0.10	12.75	ceeds Capac	0 - 09:08 hrs	4.06	4.06	1.76	1.00	-5.51	2.79	2.00	4.25	4.28	4.25	4.78	2.33	15
259	☐	1246	2.50	11.78	0.08	20.22	ceeds Capac	0 - 09:40 hrs	4.12	4.34	1.72	1.00	-8.44	5.91	2.50	3.71	4.02	3.71	5.80	3.71	13
260	☐	1247	2.50	18.24	0.20	25.72	ceeds Capac	0 - 10:03 hrs	5.24	5.24	1.41	1.00	-7.48	6.02	2.50	3.89	3.89	4.02	3.59	3.26	12
261	☐	1248	2.00	7.14	0.10	16.52	ceeds Capac	0 - 10:03 hrs	5.26	5.26	2.31	1.00	-9.38	3.77	2.00	4.83	4.91	4.83	5.71	4.79	20
262	☐	1249	2.00	10.41	0.21	16.52	ceeds Capac	0 - 10:03 hrs	5.26	5.26	1.59	1.00	-6.11	3.77	2.00	4.64	4.64	4.80	3.86	3.82	19
263	☐	125	4.00	147.75	1.06	77.22	Free Surface	0 - 00:01 hrs	8.56	8.56	0.52	0.89	70.53	3.14	3.53	0.00	0.00	23.98	0.00	0.00	56
264	☐	1250	2.00	7.99	0.12	9.51	ceeds Capac	0 - 11:49 hrs	3.03	3.03	1.19	1.00	-1.51	2.23	2.00	4.48	4.48	4.54	2.05	1.84	15
265	☐	1251	2.00	10.75	0.23	8.37	Backwater	0 - 10:53 hrs	2.67	2.75	0.78	1.00	2.37	1.91	2.00	3.98	3.98	4.36	0.00	0.00	9
266	☐	1252	2.00	10.15	0.20	8.79	Backwater	0 - 10:45 hrs	2.80	2.84	0.87	1.00	1.36	1.25	2.00	4.80	4.80	5.57	0.00	0.00	15
267	☐	1253	2.00	12.35	0.30	12.40	ceeds Capac	0 - 10:34 hrs	3.95	3.95	1.00	1.00	-0.05	1.80	1.96	23.91	23.91	23.91	0.86	1.13	82
268	☐	1254	2.00	12.39	0.30	11.92	Backwater	0 - 00:05 hrs	4.71	4.80	0.96	1.00	0.47	1.60	1.76	23.91	23.91	23.91	0.00	2.19	92
269	☐	1255	2.00	12.35	0.30	17.17	Backwater	0 - 00:01 hrs	7.36	7.92	1.39	1.00	-4.82	1.54	1.29	23.96	23.96	23.97	0.04	0.42	83
270	☐	1256	2.00	12.34	0.30	23.48	Backwater	0 - 00:00 hrs	7.71	7.71	1.90	1.00	-11.15	1.41	0.78	23.98	23.98	23.98	0.05	0.00	78
271	☐	1257	2.00	12.44	0.30	32.47	Backwater	0 - 00:00 hrs	10.42	10.42	2.61	1.00	-20.04	1.40	0.78	23.99	23.99	23.99	0.06	0.01	72
272	☐	1258	2.00	12.39	0.30	28.62	Backwater	0 - 00:00 hrs	9.24	9.24	2.31	1.00	-16.23	1.41	0.78	23.98	23.98	23.99	0.06	0.00	72
273	☐	1259	2.00	18.21	0.65	19.10	Backwater	0 - 00:01 hrs	6.45	6.45	1.05	1.00	-0.89	1.54	1.69	23.97	23.97	23.98	0.00	0.00	78
274	☐	126	4.00	57.15	0.16	68.49	Free Surface	0 - 10:06 hrs	6.85	6.85	1.20	0.74	-11.34	3.17	4.00	0.00	0.00	0.00	0.19	0.00	1
275	☐	1260	2.00	12.39	0.30	16.31	Backwater	0 - 00:02 hrs	5.65	5.65	1.32	1.00	-3.92	1.54	2.00	23.96	23.96	23.96	0.03	0.15	84
276	☐	1261	2.00	12.44	0.30	15.12	Backwater	0 - 00:02 hrs	5.31	5.31	1.22	1.00	-2.68	1.55	1.28	23.94	23.94	23.96	0.02	0.00	82
277	☐	1262	2.00	11.64	0.26	16.77	Backwater	0 - 00:03 hrs	6.36	6.81	1.44	1.00	-5.14	1.55	1.86	23.94	23.94	23.94	0.02	8.41	83
278	☐	1263	2.00	12.43	0.30	12.50	Backwater	0 - 00:04 hrs	4.46	4.46	1.01	1.00	-0.07	1.55	1.55	23.91	23.91	23.94	0.00	0.00	73
279	☐	1264	2.00	12.17	0.29	12.19	Backwater	0 - 00:05 hrs	4.08	4.40	1.00	1.00	-0.02	1.60	1.97	23.91	23.91	23.91	0.00	1.10	85
280	☐	1265	2.00	11.23	0.25	9.79	Backwater	0 - 10:36 hrs	3.12	3.76	0.87	1.00	1.44	1.18	2.00	1.24	1.24	1.27	0.00	0.07	4
281	☐	1266	2.00	11.88	0.28	9.79	Backwater	0 - 10:36 hrs	3.12	3.12	0.82	1.00	2.09	1.18	2.00	1.29	1.29	1.37	0.00	0.02	3
282	☐	1267	2.00	6.81	0.09	15.78	ceeds Capac	0 - 09:56 hrs	5.02	5.02	2.32	1.00	-8.97	0.79	2.00	0.48	0.49	0.48	0.55	0.48	0
283	☐	1268	1.50	3.74	0.17	3.55	Backwater	0 - 10:33 hrs	2.01	2.01	0.95	1.00	0.19	0.47	1.50	4.65	4.65	5.12	0.00	0.08	14
284	☐	1269	1.50	6.86	0.57	1.12	Backwater	0 - 08:53 hrs	0.63	2.05	0.16	1.00	5.74	0.01	1.50	18.67	18.67	20.81	0.00	0.00	13
285	☐	127	4.00	36.90	0.07	68.54	Free Surface	0 - 10:04 hrs	5.80	5.80	1.86	0.89	-31.64	3.18	4.00	0.00	0.00	0.00	0.41	0.00	0
286	☐	1270	2.75	19.66	0.14	13.44	Backwater	0 - 09:56 hrs	2.26	2.26	0.68	1.00	6.22	2.04	2.75	16.54	16.54	17.75	0.00	0.00	53
287	☐	1271	2.75	30.79	0.34	13.43	Backwater	0 - 09:56 hrs	2.26	2.26	0.44	1.00	17.36	2.35	2.75	14.88	14.88	16.54	0.00	0.00	53
288	☐	1272	4.50	51.24	0.07	114.37	ceeds Capac	0 - 00:02 hrs	7.94	7.94	2.23	1.00	-63.13	8.08	4.37	23.93	23.93	23.95	0.91	0.88	77
289	☐	1273	2.00	11.34	0.25	12.77	ceeds Capac	0 - 10:10 hrs	4.07	4.07	1.13	1.00	-1.43	1.38	2.00	1.23	1.23	1.43	0.74	0.76	1
290	☐	1274	2.00	11.11	0.24	12.26	ceeds Capac	0 - 10:03 hrs	3.90	3.90	1.10	1.00	-1.15	1.37	2.00	1.61	1.61	2.82	0.76	0.77	5
291	☐	1275	2.00	14.59	0.42	12.27	Backwater	0 - 10:29 hrs	3.91	3.91	0.84	1.00	2.32	1.36	2.00	2.74	2.74	3.51	0.00	0.00	13
292	☐	1276	2.00	12.24	0.29	12.26	ceeds Capac	0 - 10:26 hrs	3.90	3.90	1.00	1.00	-0.02	1.36	2.00	3.49	3.49	3.89	0.67	0.13	12
293	☐	1277	2.00	12.05	0.28	9.06	Backwater	0 - 10:03 hrs	2.88	3.29	0.75	1.00	2.99	1.29	2.00	3.85	3.85	4.37	0.00	0.00	19
294	☐	1278	2.00	11.30	0.25	9.06	Backwater	0 - 10:03 hrs	2.88	2.88	0.80	1.00	2.25	1.29	2.00	4.52	4.52	4.83	0.00	0.00	21

FUTURE CONDITIONS 20-YR 24-HR CONDUITS

		ID	Full Depth (ft)	Full Flow (cfs)	Percent Slope (%)	Maximum Flow (cfs)	Maximum Flow Class	Max.Flow Day-Time (day-time)	Velocity at Maximum Flow (ft/s)	Maximum Velocity (ft/s)	Max.Flow/Fu ll Flow	Max.Depth/F ull Depth	Reserve Capacity (cfs)	Total Flow Volume (MG)	Maximum Top Width (ft)	Both End Surcharge Time (hrs)	Upstream Surcharge Time (hrs)	Downstream Surcharge Time (hrs)	Above Full-Flow Time (hrs)	Capacity Limited Time (hrs)	Instability Index
295	☐	1279	2.50	21.21	0.27	21.49	ceeds Capac	0 - 10:08 hrs	4.38	4.38	1.01	1.00	-0.28	2.50	2.50	5.33	5.33	5.78	0.45	0.49	21
296	☐	128	3.50	79.10	0.62	41.84	Backwater	0 - 10:18 hrs	4.35	4.35	0.53	1.00	37.26	3.67	3.50	0.72	0.72	0.77	0.00	0.05	2
297	☐	1280	2.00	10.70	0.22	10.82	ceeds Capac	0 - 14:03 hrs	3.44	3.44	1.01	1.00	-0.12	3.57	2.00	15.75	15.75	16.70	0.07	0.18	20
298	☐	1281	2.00	10.66	0.22	15.40	ceeds Capac	0 - 12:30 hrs	4.90	4.90	1.44	1.00	-4.73	4.28	2.00	8.48	8.48	15.75	4.74	4.74	19
299	☐	1282	3.50	35.35	0.35	30.44	Backwater	0 - 10:03 hrs	3.16	3.16	0.86	1.00	4.91	1.42	3.50	11.40	11.40	15.73	0.00	0.01	58
300	☐	1284	3.50	46.93	0.22	29.63	Backwater	0 - 15:33 hrs	3.08	3.17	0.63	1.00	17.30	9.71	3.50	19.73	19.73	20.18	0.00	0.00	17
301	☐	1285	3.50	174.31	3.00	41.47	Backwater	0 - 10:00 hrs	4.31	4.31	0.24	1.00	132.84	13.66	3.50	21.22	21.22	21.43	0.00	0.00	88
302	☐	1286	3.50	23.17	0.05	41.45	Backwater	0 - 09:56 hrs	4.31	4.31	1.79	1.00	-18.28	13.70	3.50	20.50	20.50	20.79	14.33	0.00	62
303	☐	1287	3.50	22.47	0.05	37.71	Backwater	0 - 13:38 hrs	3.92	3.92	1.68	1.00	-15.23	12.73	3.50	20.79	20.79	21.01	14.23	0.00	64
304	☐	1288	3.50	47.81	0.23	47.35	Backwater	0 - 11:48 hrs	4.92	4.92	0.99	1.00	0.46	15.17	3.50	20.78	20.78	21.01	0.00	1.98	79
305	☐	1289	3.50	186.41	3.43	47.37	Backwater	0 - 11:41 hrs	4.92	4.92	0.25	1.00	139.04	15.18	3.50	20.70	20.71	20.78	0.00	0.78	71
306	☐	129	3.50	81.58	0.66	101.31	ceeds Capac	0 - 09:56 hrs	10.71	10.71	1.24	1.00	-19.73	9.14	3.50	0.45	0.52	0.45	0.64	0.45	0
307	☐	1290	4.00	95.77	0.44	52.52	Backwater	0 - 06:43 hrs	4.53	4.78	0.55	1.00	43.25	5.70	4.00	16.45	16.51	16.61	0.00	0.22	65
308	☐	1291	4.00	141.86	0.98	45.46	Backwater	0 - 09:49 hrs	3.62	5.21	0.32	1.00	96.40	5.62	4.00	15.47	15.47	16.51	0.00	0.00	62
309	☐	1292	1.75	8.19	0.36	4.26	Backwater	0 - 10:03 hrs	1.77	1.77	0.52	1.00	3.93	0.26	1.75	14.84	14.84	15.21	0.00	0.00	54
310	☐	1293	4.00	66.23	0.21	45.46	Backwater	0 - 09:49 hrs	3.62	4.30	0.69	1.00	20.76	7.17	4.00	14.95	14.95	15.47	0.00	0.00	55
311	☐	1294	3.50	17.51	0.03	38.51	Backwater	0 - 10:03 hrs	4.00	4.00	2.20	1.00	-21.00	7.00	3.50	12.95	12.95	13.43	4.16	0.38	47
312	☐	1295	3.50	42.44	0.18	38.49	Backwater	0 - 10:00 hrs	4.00	4.00	0.91	1.00	3.95	7.03	3.50	8.86	8.86	13.43	0.00	0.02	40
313	☐	1296	3.50	56.14	0.31	34.08	Backwater	0 - 10:03 hrs	3.54	3.65	0.61	1.00	22.06	5.92	3.50	7.90	7.90	8.86	0.00	0.32	40
314	☐	1297	3.50	12.05	0.01	34.04	ceeds Capac	0 - 09:59 hrs	3.54	3.54	2.82	1.00	-21.99	5.93	3.50	7.66	7.66	7.90	5.28	4.44	35
315	☐	1298	2.00	14.92	0.43	12.13	Backwater	0 - 09:40 hrs	4.31	4.55	0.81	1.00	2.79	2.47	2.00	3.00	3.00	3.25	0.00	0.00	22
316	☐	1299	1.25	2.64	0.22	2.98	Backwater	0 - 09:56 hrs	2.43	2.43	1.13	1.00	-0.34	0.09	1.25	12.16	12.16	14.82	0.72	0.00	48
317	☐	13	2.50	29.00	0.50	25.20	Free Surface	0 - 10:37 hrs	5.72	5.99	0.87	0.84	3.80	3.26	2.50	0.00	0.00	0.00	0.00	0.00	0
318	☐	130	3.50	50.52	0.25	96.68	ceeds Capac	0 - 10:08 hrs	10.05	10.05	1.91	1.00	-46.17	8.30	3.50	0.52	0.77	0.52	0.98	0.52	1
319	☐	1300	1.75	4.95	0.13	6.10	ceeds Capac	0 - 09:48 hrs	2.84	3.18	1.23	1.00	-1.15	1.06	1.75	1.33	1.36	1.34	1.23	0.86	5
320	☐	1301	2.00	9.46	0.17	5.96	Backwater	0 - 11:17 hrs	1.94	2.42	0.63	1.00	3.50	1.06	2.00	1.30	1.30	1.53	0.00	0.01	5
321	☐	1302	2.25	14.75	0.23	17.41	ceeds Capac	0 - 10:29 hrs	4.38	4.71	1.18	1.00	-2.65	2.37	2.25	1.34	1.34	1.70	0.89	0.90	3
322	☐	1303	2.25	20.37	0.43	17.40	Backwater	0 - 10:29 hrs	4.38	5.31	0.85	1.00	2.97	2.35	2.25	1.90	1.90	3.05	0.00	0.00	7
323	☐	1304	2.75	45.08	0.73	23.27	Backwater	0 - 10:03 hrs	3.92	3.92	0.52	1.00	21.81	2.97	2.75	9.38	9.38	11.20	0.00	0.00	46
324	☐	1305	2.00	11.98	0.28	14.72	ceeds Capac	0 - 09:42 hrs	4.69	4.69	1.23	1.00	-2.74	2.98	2.00	4.03	4.03	13.16	1.02	0.97	10
325	☐	1306	2.00	12.53	0.31	22.21	ceeds Capac	0 - 10:04 hrs	7.07	7.07	1.77	1.00	-9.68	2.81	2.00	2.63	2.63	3.00	1.68	1.69	8
326	☐	1307	1.25	2.43	0.19	2.43	Backwater	0 - 09:41 hrs	1.98	1.98	1.00	1.00	0.00	0.26	1.25	2.63	2.63	3.37	0.00	0.01	4
327	☐	1308	1.25	2.56	0.21	2.49	Backwater	0 - 09:41 hrs	2.12	2.19	0.97	1.00	0.06	0.30	1.25	2.57	2.57	2.61	0.00	0.22	7
328	☐	1309	1.25	2.84	0.26	2.82	Backwater	0 - 10:03 hrs	2.30	2.30	0.99	1.00	0.02	0.32	1.25	2.45	2.45	2.63	0.00	0.00	12
329	☐	131	2.00	4.60	0.12	8.81	ceeds Capac	0 - 14:22 hrs	2.81	2.81	1.92	1.00	-4.22	4.09	2.00	19.98	20.00	19.98	18.58	18.32	82
330	☐	1310	1.00	0.87	0.08	2.84	Backwater	0 - 10:03 hrs	3.62	3.62	3.27	1.00	-1.97	0.32	1.00	2.48	2.49	2.51	3.28	0.24	14
331	☐	1311	3.25	41.10	0.25	62.80	ceeds Capac	0 - 00:00 hrs	7.57	7.75	1.53	1.00	-21.70	3.94	1.27	23.99	23.99	23.99	0.23	0.23	84
332	☐	1312	3.25	50.49	0.37	50.19	Backwater	0 - 00:02 hrs	6.46	6.53	0.99	1.00	0.30	3.96	1.87	23.96	23.96	23.98	0.00	0.02	80
333	☐	1313	2.00	16.48	0.53	14.00	Backwater	0 - 10:29 hrs	4.46	4.46	0.85	1.00	2.47	1.60	1.11	23.93	23.93	23.97	0.00	0.00	25
334	☐	1314	2.00	11.47	0.26	14.00	ceeds Capac	0 - 10:29 hrs	4.46	4.46	1.22	1.00	-2.53	1.61	1.96	1.38	1.38	1.87	0.77	0.78	14
335	☐	1315	2.00	10.39	0.21	14.00	ceeds Capac	0 - 10:29 hrs	4.46	4.59	1.35	1.00	-3.61	1.61	2.00	0.90	0.90	0.90	0.91	0.71	4
336	☐	1316	2.00	16.71	0.55	14.01	Backwater	0 - 10:29 hrs	4.46	5.03	0.84	1.00	2.70	1.61	2.00	0.81	0.81	0.88	0.00	0.00	4
337	☐	1317	2.00	13.47	0.35	20.34	ceeds Capac	0 - 10:11 hrs	6.47	6.47	1.51	1.00	-6.87	1.71	2.00	0.77	0.77	0.80	0.68	0.68	2
338	☐	1318	2.00	13.92	0.38	14.01	ceeds Capac	0 - 10:29 hrs	4.46	4.46	1.01	1.00	-0.09	1.61	1.98	3.33	3.33	23.93	0.11	0.26	37
339	☐	1319	3.00	32.06	0.23	48.12	ceeds Capac	0 - 10:03 hrs	6.81	6.81	1.50	1.00	-16.05	3.98	2.93	23.94	23.94	23.96	0.57	0.58	71
340	☐	132	2.00	19.59	0.75	30.54	ceeds Capac	0 - 09:52 hrs	9.72	9.72	1.56	1.00	-10.95	2.13	2.00	0.92	0.92	1.16	0.07	0.18	3
341	☐	1320	3.00	36.83	0.30	19.32	Backwater	0 - 00:04 hrs	3.47	3.47	0.52	1.00	17.52	1.35	2.83	1.48	1.48	23.94	0.00	0.00	43
342	☐	1321	1.50	9.09	1.00	8.45	Backwater	0 - 09:48 hrs	4.78	4.78	0.93	1.00	0.63	1.04	1.50	1.45	1.45	12.37	0.00	0.00	4
343	☐	1322	2.25	17.94	0.34	8.45	Backwater	0 - 09:48 hrs	2.13	2.45	0.47	1.00	9.49	1.03	2.25	11.33	11.33	15.03	0.00	0.00	44

FUTURE CONDITIONS 20-YR 24-HR CONDUITS

		ID	Full Depth (ft)	Full Flow (cfs)	Percent Slope (%)	Maximum Flow (cfs)	Maximum Flow Class	Max.Flow Day-Time (day-time)	Velocity at Maximum Flow (ft/s)	Maximum Velocity (ft/s)	Max.Flow/Fu ll Flow	Max.Depth/F ull Depth	Reserve Capacity (cfs)	Total Flow Volume (MG)	Maximum Top Width (ft)	Both End Surcharge Time (hrs)	Upstream Surcharge Time (hrs)	Downstream Surcharge Time (hrs)	Above Full-Flow Time (hrs)	Capacity Limited Time (hrs)	Instability Index
344	☐	1323	2.25	19.78	0.41	14.01	Backwater	0 - 09:49 hrs	3.52	3.52	0.71	1.00	5.78	1.48	2.25	15.03	15.03	15.62	0.00	0.00	52
345	☐	1324	2.25	21.90	0.50	13.99	Backwater	0 - 09:49 hrs	3.52	3.52	0.64	1.00	7.91	1.47	2.25	15.62	15.62	17.02	0.00	0.00	53
346	☐	1326	2.00	10.08	0.20	10.03	Backwater	0 - 10:03 hrs	3.19	3.19	0.99	1.00	0.05	1.47	2.00	16.59	16.59	16.73	0.00	1.43	61
347	☐	1327	2.25	8.11	0.07	10.02	ceeds Capac	0 - 09:56 hrs	2.52	2.52	1.24	1.00	-1.91	1.46	2.25	16.70	16.70	16.89	1.36	1.66	52
348	☐	1328	2.25	10.37	0.11	10.02	Backwater	0 - 09:56 hrs	2.52	2.52	0.97	1.00	0.35	1.45	2.25	16.96	16.96	17.23	0.00	0.50	55
349	☐	1329	2.25	3.55	0.01	9.82	ceeds Capac	0 - 09:47 hrs	2.47	2.47	2.77	1.00	-6.27	0.17	2.25	17.23	17.23	17.24	5.60	5.67	44
350	☐	133	2.00	19.68	0.76	20.63	ceeds Capac	0 - 09:52 hrs	6.57	6.57	1.05	1.00	-0.95	1.58	2.00	0.89	0.89	0.92	0.01	0.01	1
351	☐	1330	2.25	15.46	0.25	30.18	Backwater	0 - 10:06 hrs	7.59	7.59	1.95	1.00	-14.72	1.91	2.25	17.24	17.24	17.54	3.53	0.00	59
352	☐	1331	2.75	11.26	0.05	17.95	ceeds Capac	0 - 09:59 hrs	3.02	3.02	1.60	1.00	-6.70	2.41	2.75	14.54	14.54	14.57	2.10	2.19	53
353	☐	1332	6.00	82.28	0.04	165.46	ceeds Capac	0 - 09:59 hrs	5.85	5.85	2.01	1.00	-83.18	27.89	6.00	14.62	14.62	14.63	3.51	3.43	41
354	☐	1333	2.00	7.74	0.12	20.09	ceeds Capac	0 - 11:36 hrs	6.39	6.39	2.60	1.00	-12.35	1.17	2.00	15.62	15.62	15.70	4.46	0.37	60
355	☐	1334	2.00	2.61	0.01	10.18	ceeds Capac	0 - 09:44 hrs	3.24	3.24	3.91	1.00	-7.57	1.50	2.00	15.17	15.20	15.17	5.83	6.82	35
356	☐	1335	2.00	33.97	2.25	10.18	Backwater	0 - 09:44 hrs	3.24	3.40	0.30	1.00	23.79	1.44	2.00	15.17	15.17	15.62	0.00	0.00	44
357	☐	1336	3.50	33.99	0.11	23.87	Backwater	0 - 09:59 hrs	2.48	2.48	0.70	1.00	10.12	2.35	3.50	3.27	3.27	5.00	0.00	0.00	12
358	☐	1337	3.00	29.83	0.20	10.18	Backwater	0 - 09:44 hrs	1.44	1.44	0.34	1.00	19.64	1.52	3.00	17.12	17.12	21.22	0.00	0.00	56
359	☐	1338	3.00	18.98	0.08	7.31	Backwater	0 - 09:44 hrs	1.03	1.03	0.38	1.00	11.67	0.99	3.00	16.45	16.45	17.78	0.00	0.58	67
360	☐	1339	2.25	12.40	0.16	16.78	ceeds Capac	0 - 09:59 hrs	4.22	4.22	1.35	1.00	-4.37	0.68	2.25	18.94	18.94	20.93	0.20	0.23	78
361	☐	134	2.00	19.76	0.76	20.66	ceeds Capac	0 - 09:52 hrs	6.58	7.03	1.05	1.00	-0.90	1.59	2.00	0.81	0.81	0.89	0.40	0.40	2
362	☐	1340	4.50	78.27	0.16	72.92	Backwater	0 - 11:49 hrs	4.59	5.87	0.93	1.00	5.35	16.46	4.50	3.47	3.47	3.87	0.00	0.01	12
363	☐	1341	2.75	9.21	0.03	23.12	Backwater	0 - 10:22 hrs	3.89	3.89	2.51	1.00	-13.91	2.11	2.75	1.99	1.99	2.02	2.12	0.19	12
364	☐	1342	2.75	18.01	0.12	23.10	ceeds Capac	0 - 10:22 hrs	3.89	3.89	1.28	1.00	-5.08	2.11	2.75	1.99	1.99	2.09	0.93	0.97	9
365	☐	1343	2.75	33.38	0.40	23.09	Backwater	0 - 10:22 hrs	3.89	4.26	0.69	1.00	10.30	2.11	2.75	2.09	2.09	2.43	0.00	0.00	11
366	☐	1344	2.75	29.23	0.31	23.09	Backwater	0 - 10:22 hrs	3.89	3.89	0.79	1.00	6.14	2.11	2.75	2.43	2.43	3.38	0.00	0.00	11
367	☐	1345	2.00	8.42	0.14	17.39	ceeds Capac	0 - 09:52 hrs	5.53	5.53	2.07	1.00	-8.97	1.59	2.00	1.73	1.73	1.76	1.33	1.28	6
368	☐	1347	2.00	12.88	0.32	17.44	ceeds Capac	0 - 09:52 hrs	5.55	5.55	1.35	1.00	-4.56	1.59	2.00	1.47	1.47	1.61	0.48	0.46	6
369	☐	1348	2.00	9.93	0.19	17.40	ceeds Capac	0 - 09:52 hrs	5.54	5.54	1.75	1.00	-7.47	1.59	2.00	1.66	1.66	1.67	1.14	0.90	7
370	☐	1349	3.50	37.54	0.14	30.06	Backwater	0 - 10:02 hrs	3.12	3.12	0.80	1.00	7.48	1.67	3.50	5.00	5.00	6.51	0.00	0.08	23
371	☐	135	4.50	75.08	0.15	103.71	ceeds Capac	0 - 10:42 hrs	6.52	6.52	1.38	1.00	-28.63	16.09	4.50	3.07	3.07	3.34	1.54	1.58	11
372	☐	1350	3.50	41.60	0.17	40.64	Backwater	0 - 09:59 hrs	4.22	4.22	0.98	1.00	0.96	3.31	3.50	9.50	9.50	13.62	0.00	0.00	30
373	☐	1351	5.50	66.34	0.04	139.93	ceeds Capac	0 - 10:03 hrs	5.89	5.89	2.11	1.00	-73.59	13.91	5.50	14.74	14.74	14.77	1.59	2.03	53
374	☐	1352	4.50	89.94	0.21	82.80	Backwater	0 - 10:27 hrs	5.21	5.70	0.92	1.00	7.14	11.21	4.50	2.17	2.17	3.33	0.00	0.00	8
375	☐	1353	1.50	3.44	0.14	7.82	ceeds Capac	0 - 10:03 hrs	4.43	4.43	2.27	1.00	-4.38	0.11	1.50	3.96	3.96	4.06	2.00	0.07	20
376	☐	1354	4.50	84.25	0.18	131.32	ceeds Capac	0 - 10:03 hrs	8.26	8.26	1.56	1.00	-47.07	18.06	4.50	3.34	3.34	3.47	1.28	1.46	16
377	☐	1356	4.50	62.68	0.10	65.37	ceeds Capac	0 - 09:55 hrs	4.11	4.41	1.04	1.00	-2.68	10.14	4.50	2.35	2.35	2.64	0.17	0.15	8
378	☐	1357	4.00	39.83	0.08	70.53	ceeds Capac	0 - 09:52 hrs	5.62	5.67	1.77	1.00	-30.71	9.45	4.00	2.42	2.43	2.45	2.23	1.92	9
379	☐	1358	1.75	6.77	0.24	14.19	ceeds Capac	0 - 09:52 hrs	5.90	5.90	2.10	1.00	-7.42	1.94	1.75	1.90	2.46	1.90	2.94	1.90	5
380	☐	1359	1.00	1.18	0.14	2.87	ceeds Capac	0 - 09:52 hrs	3.65	3.65	2.44	1.00	-1.69	0.69	1.00	3.16	4.98	3.16	7.62	3.16	4
381	☐	136	4.50	73.65	0.14	95.36	ceeds Capac	0 - 09:59 hrs	6.00	6.00	1.29	1.00	-21.71	11.65	4.50	2.64	2.64	3.07	0.45	0.46	8
382	☐	1361	2.50	14.57	0.13	33.16	ceeds Capac	0 - 09:52 hrs	6.76	6.76	2.28	1.00	-18.59	3.77	2.50	2.95	2.95	3.40	2.30	2.27	7
383	☐	1362	2.50	26.49	0.42	15.71	Backwater	0 - 10:56 hrs	3.20	3.43	0.59	1.00	10.78	2.29	2.50	1.77	1.77	2.65	0.00	0.00	4
384	☐	1363	2.00	11.92	0.28	10.15	Backwater	0 - 09:51 hrs	3.53	3.94	0.85	1.00	1.76	1.00	2.00	1.25	1.25	1.83	0.00	0.00	0
385	☐	1364	2.25	21.00	0.46	15.22	Backwater	0 - 10:07 hrs	3.83	4.06	0.72	1.00	5.78	0.79	2.25	1.42	1.42	1.61	0.00	0.00	8
386	☐	1367	1.50	4.11	0.20	8.49	ceeds Capac	0 - 09:42 hrs	4.80	4.80	2.07	1.00	-4.38	1.29	1.50	1.86	2.32	1.86	2.61	1.35	3
387	☐	1368	2.00	10.39	0.21	11.34	ceeds Capac	0 - 09:56 hrs	3.61	3.61	1.09	1.00	-0.95	1.08	2.00	2.06	2.06	2.16	0.49	0.46	8
388	☐	1369	2.00	11.27	0.25	11.33	ceeds Capac	0 - 09:56 hrs	3.61	3.95	1.01	1.00	-0.06	1.08	2.00	1.89	1.89	2.06	0.34	0.21	8
389	☐	137	3.50	24.89	0.06	16.47	Backwater	0 - 11:44 hrs	1.71	3.75	0.66	1.00	8.41	2.15	3.50	4.41	4.41	4.43	0.00	1.43	16
390	☐	1370	2.00	10.12	0.20	5.29	Backwater	0 - 09:52 hrs	2.24	2.55	0.52	1.00	4.83	0.40	2.00	1.55	1.55	1.75	0.00	0.00	9
391	☐	1371	2.00	18.29	0.65	12.33	Backwater	0 - 09:51 hrs	4.48	4.92	0.67	1.00	5.96	1.08	2.00	1.75	1.75	1.90	0.00	0.03	9
392	☐	1372	1.25	3.95	0.50	6.18	ceeds Capac	0 - 09:52 hrs	5.08	5.09	1.56	1.00	-2.23	0.39	1.25	1.28	1.30	1.92	0.05	0.00	5

FUTURE CONDITIONS 20-YR 24-HR CONDUITS

		ID	Full Depth (ft)	Full Flow (cfs)	Percent Slope (%)	Maximum Flow (cfs)	Maximum Flow Class	Max.Flow Day-Time (day-time)	Velocity at Maximum Flow (ft/s)	Maximum Velocity (ft/s)	Max.Flow/Fu ll Flow	Max.Depth/F ull Depth	Reserve Capacity (cfs)	Total Flow Volume (MG)	Maximum Top Width (ft)	Both End Surcharge Time (hrs)	Upstream Surcharge Time (hrs)	Downstream Surcharge Time (hrs)	Above Full-Flow Time (hrs)	Capacity Limited Time (hrs)	Instability Index
393	☐	1373	1.25	6.47	1.34	6.17	Backwater	0 - 09:52 hrs	5.03	5.03	0.95	1.00	0.30	0.39	1.25	1.30	1.30	1.97	0.00	0.00	9
394	☐	1374	1.25	4.12	0.54	6.18	ceeds Capac	0 - 09:52 hrs	5.04	5.04	1.50	1.00	-2.07	0.40	1.25	1.40	1.40	1.97	0.06	0.06	8
395	☐	1376	3.00	37.78	0.32	38.50	ceeds Capac	0 - 09:51 hrs	5.45	5.45	1.02	1.00	-0.72	5.70	3.00	2.15	2.15	2.77	0.00	0.01	6
396	☐	1377	3.00	35.29	0.28	29.07	Backwater	0 - 10:18 hrs	4.11	4.80	0.82	1.00	6.22	4.10	3.00	1.45	1.45	2.12	0.00	0.00	3
397	☐	1378	3.00	43.47	0.42	49.44	Backwater	0 - 09:59 hrs	6.99	6.99	1.14	1.00	-5.96	4.24	3.00	1.43	1.43	1.55	0.18	0.00	7
398	☐	1379	1.75	5.55	0.16	8.54	Backwater	0 - 09:52 hrs	3.55	3.59	1.54	1.00	-2.98	0.00	1.75	1.36	1.36	1.51	0.00	0.01	7
399	☐	138	5.50	66.34	0.04	125.19	ceeds Capac	0 - 09:55 hrs	5.27	5.27	1.89	1.00	-58.85	24.17	5.50	14.77	14.77	14.83	3.93	3.89	16
400	☐	1381	2.00	10.55	0.22	14.19	ceeds Capac	0 - 09:52 hrs	4.52	4.52	1.35	1.00	-3.65	1.95	2.00	2.29	2.29	2.31	0.42	0.90	10
401	☐	1382	1.50	7.76	0.73	9.93	ceeds Capac	0 - 09:59 hrs	5.62	5.62	1.28	1.00	-2.17	1.14	1.50	1.69	1.69	1.78	0.33	0.28	6
402	☐	1383	2.00	6.08	0.07	9.18	ceeds Capac	0 - 09:53 hrs	2.93	3.17	1.51	1.00	-3.10	0.54	2.00	1.36	1.36	1.44	0.33	0.29	5
403	☐	1384	6.00	429.48	1.03	160.29	Backwater	0 - 09:59 hrs	5.67	5.67	0.37	1.00	269.19	25.88	6.00	14.63	14.63	15.24	0.00	0.00	62
404	☐	1385	5.50	105.13	0.10	136.90	ceeds Capac	0 - 10:03 hrs	5.76	5.76	1.30	1.00	-31.77	13.85	5.50	13.90	13.90	14.74	0.62	0.64	48
405	☐	1386	3.75	46.36	0.15	51.39	ceeds Capac	0 - 10:15 hrs	4.65	4.65	1.11	1.00	-5.03	8.12	3.75	2.50	2.50	3.28	0.59	0.59	8
406	☐	1387	3.50	22.38	0.05	51.39	ceeds Capac	0 - 10:15 hrs	5.34	5.34	2.30	1.00	-29.01	8.13	3.50	2.60	2.74	2.60	4.17	2.59	10
407	☐	1388	3.50	21.29	0.04	32.18	ceeds Capac	0 - 09:45 hrs	3.34	3.34	1.51	1.00	-10.89	6.35	3.50	2.66	2.80	2.66	3.51	2.56	5
408	☐	1389	1.25	3.43	0.38	2.52	Backwater	0 - 09:52 hrs	2.07	2.14	0.73	1.00	0.92	0.02	1.25	1.09	1.09	1.48	0.00	0.00	3
409	☐	139	5.50	78.57	0.05	136.92	ceeds Capac	0 - 10:03 hrs	5.76	5.76	1.74	1.00	-58.35	13.94	5.50	12.54	12.54	13.90	1.17	1.27	40
410	☐	1390	2.00	6.38	0.08	7.75	Backwater	0 - 09:59 hrs	2.47	2.47	1.22	1.00	-1.38	0.17	2.00	1.10	1.10	1.16	0.24	0.01	3
411	☐	1391	1.75	3.67	0.07	7.64	Backwater	0 - 10:18 hrs	3.18	3.18	2.08	1.00	-3.97	0.13	1.75	2.30	2.30	2.81	0.63	0.02	6
412	☐	1392	1.00	1.30	0.18	3.52	ceeds Capac	0 - 09:37 hrs	4.48	4.48	2.71	1.00	-2.22	0.61	1.00	5.12	5.25	5.14	4.74	4.57	12
413	☐	1393	3.00	13.68	0.04	18.52	ceeds Capac	0 - 09:52 hrs	2.65	2.67	1.35	1.00	-4.85	2.73	3.00	1.50	1.50	1.55	0.82	0.71	7
414	☐	1394	1.00	1.19	0.15	4.12	Backwater	0 - 09:52 hrs	5.42	5.42	3.47	1.00	-2.93	0.11	1.00	1.24	1.24	1.33	0.65	0.01	4
415	☐	1395	1.00	1.12	0.13	1.75	ceeds Capac	0 - 10:10 hrs	2.23	2.23	1.56	1.00	-0.63	0.17	1.00	1.29	1.31	1.31	0.82	0.77	1
416	☐	1396	1.00	1.26	0.17	2.87	ceeds Capac	0 - 09:52 hrs	3.65	3.65	2.28	1.00	-1.61	0.69	1.00	1.35	3.16	1.35	6.14	1.35	3
417	☐	1397	1.50	4.45	0.24	3.91	Backwater	0 - 09:51 hrs	2.98	2.99	0.88	1.00	0.54	0.31	1.50	2.38	2.38	2.52	0.00	0.00	9
418	☐	1398	1.50	1.93	0.04	7.87	Backwater	0 - 09:52 hrs	4.63	4.63	4.08	1.00	-5.94	0.03	1.50	2.27	2.27	2.30	0.34	0.45	9
419	☐	1399	4.50	153.16	0.61	75.55	Backwater	0 - 10:29 hrs	4.75	7.58	0.49	1.00	77.61	10.33	4.50	1.47	1.47	1.97	0.00	0.00	6
420	☐	14	2.00	10.12	0.20	17.08	ceeds Capac	0 - 11:55 hrs	5.44	5.44	1.69	1.00	-6.96	4.40	2.00	5.83	5.83	6.17	5.83	5.77	4
421	☐	140	2.25	20.03	0.42	19.33	Backwater	0 - 09:52 hrs	4.86	4.86	0.97	1.00	0.70	1.31	2.25	1.46	1.46	3.45	0.00	0.01	2
422	☐	1400	2.00	29.32	1.68	17.39	Backwater	0 - 09:52 hrs	5.54	6.52	0.59	1.00	11.93	1.59	2.00	1.69	1.69	2.07	0.00	0.00	6
423	☐	1401	4.00	41.65	0.08	61.42	ceeds Capac	0 - 10:27 hrs	4.89	6.10	1.47	1.00	-19.77	8.76	4.00	1.30	1.36	1.30	1.65	1.20	5
424	☐	1402	4.00	81.43	0.32	61.42	Backwater	0 - 10:27 hrs	4.89	6.93	0.75	1.00	20.01	8.76	4.00	1.34	1.34	1.61	0.00	0.00	4
425	☐	1403	2.00	9.83	0.19	9.28	Backwater	0 - 10:07 hrs	2.95	3.36	0.94	1.00	0.55	0.55	2.00	1.09	1.09	1.14	0.00	0.15	4
426	☐	1404	2.00	8.69	0.15	8.71	Backwater	0 - 09:53 hrs	2.78	3.18	1.00	1.00	-0.02	0.54	2.00	1.14	1.14	1.29	0.00	0.06	5
427	☐	1405	1.00	2.68	0.75	6.29	Backwater	0 - 09:52 hrs	8.70	8.70	2.35	1.00	-3.61	0.00	1.00	1.14	1.14	1.24	0.00	0.05	9
428	☐	1406	2.50	20.51	0.25	17.38	Backwater	0 - 09:52 hrs	3.79	3.96	0.85	1.00	3.13	0.77	2.50	1.10	1.10	1.15	0.00	0.00	4
429	☐	1407	2.50	19.50	0.23	21.79	ceeds Capac	0 - 10:08 hrs	4.44	4.44	1.12	1.00	-2.29	1.26	2.50	1.14	1.15	1.32	0.35	0.40	4
430	☐	1408	2.50	9.42	0.05	21.79	ceeds Capac	0 - 10:08 hrs	4.44	4.44	2.31	1.00	-12.37	1.25	2.50	1.34	1.34	1.36	1.21	1.13	4
431	☐	1409	2.75	19.14	0.13	11.76	Backwater	0 - 10:44 hrs	1.98	1.98	0.61	1.00	7.37	1.94	2.75	12.26	12.26	12.95	0.00	0.95	55
432	☐	141	2.50	4.27	0.01	7.78	Backwater	0 - 09:59 hrs	1.58	2.68	1.82	1.00	-3.51	0.16	2.50	1.04	1.04	1.04	0.33	0.51	5
433	☐	1410	2.75	18.83	0.13	11.81	Backwater	0 - 10:45 hrs	1.99	2.55	0.63	1.00	7.02	1.95	2.75	10.19	10.19	10.80	0.00	0.81	50
434	☐	1411	2.75	19.11	0.13	44.13	ceeds Capac	0 - 09:59 hrs	7.43	7.43	2.31	1.00	-25.02	3.88	2.75	8.36	8.36	9.29	2.13	2.20	32
435	☐	1412	1.75	5.70	0.17	0.96	Backwater	0 - 09:45 hrs	0.40	0.52	0.17	1.00	4.74	0.00	1.75	5.28	5.28	5.69	0.00	0.38	29
436	☐	1413	2.75	19.66	0.14	20.64	ceeds Capac	0 - 09:53 hrs	3.48	3.48	1.05	1.00	-0.99	2.77	2.75	4.43	4.43	7.85	0.39	0.53	24
437	☐	1414	2.75	17.13	0.10	16.96	Backwater	0 - 10:55 hrs	2.86	2.86	0.99	1.00	0.17	2.38	2.75	3.67	3.67	4.26	0.00	0.47	15
438	☐	1415	2.75	8.77	0.03	23.13	ceeds Capac	0 - 10:22 hrs	3.89	3.89	2.64	1.00	-14.36	2.11	2.75	3.56	3.56	3.88	2.17	2.17	8
439	☐	1416	5.00	149.83	0.33	104.07	Backwater	0 - 09:59 hrs	5.30	5.58	0.69	1.00	45.76	12.63	5.00	3.21	3.21	3.91	0.00	0.00	19
440	☐	1417	4.50	137.22	0.49	82.83	Backwater	0 - 10:27 hrs	5.21	6.35	0.60	1.00	54.40	11.19	4.50	3.33	3.33	3.86	0.00	0.01	14
441	☐	1418	5.00	182.77	0.49	104.12	Backwater	0 - 09:59 hrs	5.30	5.30	0.57	1.00	78.65	12.60	5.00	4.34	4.34	8.45	0.00	0.00	30

FUTURE CONDITIONS 20-YR 24-HR CONDUITS

		ID	Full Depth (ft)	Full Flow (cfs)	Percent Slope (%)	Maximum Flow (cfs)	Maximum Flow Class	Max.Flow Day-Time (day-time)	Velocity at Maximum Flow (ft/s)	Maximum Velocity (ft/s)	Max.Flow/Fu ll Flow	Max.Depth/F ull Depth	Reserve Capacity (cfs)	Total Flow Volume (MG)	Maximum Top Width (ft)	Both End Surcharge Time (hrs)	Upstream Surcharge Time (hrs)	Downstream Surcharge Time (hrs)	Above Full-Flow Time (hrs)	Capacity Limited Time (hrs)	Instability Index
442	☐	1419	5.00	119.02	0.21	104.06	Backwater	0 - 09:59 hrs	5.30	5.30	0.87	1.00	14.96	12.62	5.00	3.98	3.98	5.41	0.00	0.02	18
443	☐	142	2.25	13.54	0.19	17.95	ceeds Capac	0 - 09:59 hrs	4.51	4.51	1.33	1.00	-4.41	0.77	2.25	2.52	2.52	2.78	0.22	0.22	8
444	☐	1420	2.00	11.50	0.26	11.77	ceeds Capac	0 - 09:53 hrs	3.75	3.75	1.02	1.00	-0.28	0.99	2.00	3.24	3.24	4.09	0.02	0.03	6
445	☐	1421	1.75	6.35	0.21	3.75	Backwater	0 - 09:49 hrs	1.56	1.89	0.59	1.00	2.60	0.29	1.75	3.03	3.03	3.22	0.00	0.00	13
446	☐	1422	2.75	26.58	0.25	32.64	ceeds Capac	0 - 09:59 hrs	5.50	5.50	1.23	1.00	-6.07	2.19	2.75	1.66	1.66	2.02	0.32	0.33	5
447	☐	1423	1.75	4.70	0.12	3.73	Backwater	0 - 09:52 hrs	1.55	1.98	0.79	1.00	0.97	0.29	1.75	2.76	2.76	3.03	0.00	0.01	10
448	☐	1424	1.50	4.08	0.20	3.74	Backwater	0 - 09:52 hrs	2.12	2.80	0.92	1.00	0.34	0.29	1.50	2.55	2.55	2.82	0.00	0.00	10
449	☐	1425	2.75	17.78	0.11	18.67	ceeds Capac	0 - 10:10 hrs	3.14	3.14	1.05	1.00	-0.89	1.54	2.75	1.52	1.52	1.66	0.20	0.31	4
450	☐	1426	2.75	17.07	0.10	18.68	ceeds Capac	0 - 10:10 hrs	3.15	4.49	1.09	1.00	-1.62	1.54	2.75	1.41	1.41	1.43	0.44	0.59	7
451	☐	1427	2.00	10.93	0.23	9.99	Backwater	0 - 09:52 hrs	3.18	3.76	0.91	1.00	0.95	0.53	2.00	1.46	1.46	1.51	0.00	0.15	6
452	☐	1428	2.75	33.20	0.39	22.43	Backwater	0 - 09:52 hrs	4.11	4.18	0.68	1.00	10.77	1.01	2.75	1.19	1.19	1.41	0.00	0.00	7
453	☐	1429	2.75	16.67	0.10	37.75	ceeds Capac	0 - 09:53 hrs	6.38	6.43	2.26	1.00	-21.07	1.02	2.75	1.08	1.09	1.19	0.04	0.01	3
454	☐	143	2.50	18.00	0.19	33.17	ceeds Capac	0 - 09:52 hrs	6.76	6.76	1.84	1.00	-15.17	3.77	2.50	2.65	2.65	2.82	1.57	1.59	10
455	☐	1430	2.75	9.71	0.03	43.22	ceeds Capac	0 - 09:52 hrs	7.29	7.29	4.45	1.00	-33.50	1.02	2.75	1.08	1.09	1.08	1.55	0.72	4
456	☐	1431	2.75	15.04	0.08	30.17	ceeds Capac	0 - 09:52 hrs	5.08	5.08	2.01	1.00	-15.13	0.06	2.75	1.08	1.08	1.09	0.02	0.07	4
457	☐	1432	2.25	15.54	0.25	25.34	ceeds Capac	0 - 09:52 hrs	6.41	6.41	1.63	1.00	-9.80	4.55	2.25	1.18	1.99	1.18	2.70	1.08	2
458	☐	1433	2.25	13.60	0.19	14.28	ceeds Capac	0 - 11:18 hrs	3.59	3.59	1.05	1.00	-0.68	3.45	2.25	2.02	2.06	2.04	0.72	0.60	7
459	☐	1434	2.25	10.71	0.12	8.97	Backwater	0 - 10:23 hrs	2.26	2.26	0.84	1.00	1.74	1.36	2.25	1.41	1.41	2.06	0.00	0.01	6
460	☐	1435	2.25	17.08	0.30	14.47	Backwater	0 - 09:59 hrs	3.64	3.64	0.85	1.00	2.61	0.87	2.25	0.82	0.82	1.33	0.00	0.00	2
461	☐	1436	2.00	51.89	5.26	30.97	Backwater	0 - 09:52 hrs	10.36	12.04	0.60	1.00	20.92	0.78	2.00	0.82	0.83	0.89	0.00	0.00	2
462	☐	1438	1.00	0.56	0.03	3.07	Backwater	0 - 09:52 hrs	3.99	3.99	5.47	1.00	-2.51	0.69	1.00	1.22	1.22	1.69	21.93	0.00	5
463	☐	1439	3.00	102.60	2.37	12.77	Backwater	0 - 09:52 hrs	1.81	1.81	0.12	1.00	89.82	0.80	3.00	1.40	1.40	1.46	0.00	0.01	7
464	☐	144	1.75	7.11	0.27	13.91	ceeds Capac	0 - 09:52 hrs	5.78	5.78	1.96	1.00	-6.80	1.08	1.75	1.27	1.32	1.32	0.10	0.02	0
465	☐	1440	1.00	5.23	2.87	1.68	Backwater	0 - 11:07 hrs	2.84	3.17	0.32	1.00	3.54	0.16	1.00	1.16	1.16	1.80	0.00	0.00	2
466	☐	1441	2.50	16.70	0.17	26.00	ceeds Capac	0 - 09:52 hrs	5.30	5.42	1.56	1.00	-9.30	2.77	2.50	1.08	1.08	1.08	1.24	0.57	6
467	☐	1442	3.00	24.83	0.14	26.01	Backwater	0 - 09:52 hrs	3.85	4.08	1.05	1.00	-1.18	2.94	3.00	1.05	1.05	1.08	0.02	0.06	4
468	☐	1443	3.00	23.27	0.12	28.79	ceeds Capac	0 - 09:59 hrs	4.07	4.31	1.24	1.00	-5.52	3.13	3.00	1.10	1.10	1.11	0.39	0.43	3
469	☐	1444	3.00	27.77	0.17	28.82	ceeds Capac	0 - 09:59 hrs	4.08	4.08	1.04	1.00	-1.05	3.13	3.00	1.13	1.13	1.18	0.05	0.11	4
470	☐	1445	3.00	47.00	0.50	28.17	Backwater	0 - 09:59 hrs	3.99	3.99	0.60	1.00	18.83	3.12	3.00	1.16	1.16	1.22	0.00	0.01	6
471	☐	1446	3.00	24.22	0.13	32.14	ceeds Capac	0 - 09:59 hrs	4.55	4.55	1.33	1.00	-7.92	3.27	3.00	1.25	1.25	1.25	0.38	0.61	6
472	☐	1447	3.00	119.10	3.19	43.00	Backwater	0 - 09:52 hrs	8.04	9.38	0.36	1.00	76.10	4.47	3.00	1.12	1.12	1.16	0.00	0.05	4
473	☐	1448	1.50	1.83	0.04	8.89	ceeds Capac	0 - 09:52 hrs	5.15	5.25	4.85	1.00	-7.06	0.96	1.50	1.34	1.39	1.34	5.01	1.20	7
474	☐	1449	2.50	24.41	0.35	35.84	ceeds Capac	0 - 09:52 hrs	7.30	7.57	1.47	1.00	-11.43	3.63	2.50	1.18	1.23	1.23	0.23	0.14	2
475	☐	1450	2.50	19.45	0.22	28.40	ceeds Capac	0 - 09:52 hrs	5.79	5.79	1.46	1.00	-8.95	3.17	2.50	1.20	1.20	1.21	0.42	0.35	4
476	☐	1451	2.50	10.93	0.07	28.41	ceeds Capac	0 - 09:52 hrs	5.79	5.79	2.60	1.00	-17.48	3.18	2.50	1.22	1.32	1.22	2.74	1.17	4
477	☐	1452	2.50	22.04	0.29	26.40	ceeds Capac	0 - 09:52 hrs	5.38	5.38	1.20	1.00	-4.36	2.77	2.50	1.08	1.08	1.12	0.06	0.02	5
478	☐	1453	2.50	28.32	0.48	26.26	Backwater	0 - 09:52 hrs	5.35	5.46	0.93	1.00	2.06	2.77	2.50	0.96	0.96	1.15	0.00	0.00	4
479	☐	1454	2.00	4.76	0.04	17.98	ceeds Capac	0 - 09:49 hrs	5.72	5.72	3.78	1.00	-13.22	1.98	2.00	1.16	1.18	1.16	4.12	0.89	5
480	☐	1455	2.00	6.15	0.07	17.99	ceeds Capac	0 - 09:49 hrs	5.73	5.73	2.92	1.00	-11.84	1.98	2.00	1.18	1.22	1.18	2.77	0.97	5
481	☐	1456	2.75	23.94	0.20	21.91	Backwater	0 - 09:59 hrs	3.69	3.69	0.91	1.00	2.04	2.53	2.75	14.57	14.57	15.02	0.00	0.00	51
482	☐	1457	1.25	3.50	0.39	2.07	Backwater	0 - 10:07 hrs	1.68	1.68	0.59	1.00	1.43	0.02	1.25	1.21	1.21	6.40	0.00	0.00	3
483	☐	1458	2.00	8.30	0.13	17.99	Backwater	0 - 09:49 hrs	5.73	5.73	2.17	1.00	-9.69	1.98	2.00	1.22	1.22	1.40	1.70	0.00	5
484	☐	146	3.50	127.08	1.60	47.37	Backwater	0 - 11:41 hrs	4.92	5.24	0.37	1.00	79.71	15.20	3.50	19.75	19.75	20.71	0.00	0.00	72
485	☐	1460	2.00	7.50	0.11	2.42	Backwater	0 - 09:42 hrs	0.79	0.79	0.32	1.00	5.08	0.00	2.00	1.40	1.40	1.62	0.00	0.00	5
486	☐	1461	1.50	5.99	0.43	1.48	Backwater	0 - 09:44 hrs	1.09	1.09	0.25	1.00	4.51	0.00	1.50	1.19	1.19	1.66	0.00	0.00	4
487	☐	1462	3.50	10.06	0.01	56.55	ceeds Capac	0 - 09:59 hrs	5.88	5.88	5.62	1.00	-46.49	2.30	3.50	10.57	10.60	10.70	2.71	4.18	22
488	☐	147	6.50	74.35	0.02	163.71	ceeds Capac	0 - 09:56 hrs	4.93	4.93	2.20	1.00	-89.36	18.53	6.50	16.61	16.61	16.64	2.23	2.98	61
489	☐	148	6.50	74.17	0.02	163.73	ceeds Capac	0 - 09:56 hrs	4.93	4.93	2.21	1.00	-89.57	18.29	6.50	16.70	16.70	16.78	2.24	3.60	60
490	☐	149	6.50	155.14	0.09	216.05	Backwater	0 - 09:55 hrs	6.51	6.51	1.39	1.00	-60.91	16.94	6.50	16.40	16.40	16.75	0.79	0.00	57

FUTURE CONDITIONS 20-YR 24-HR CONDUITS

		ID	Full Depth (ft)	Full Flow (cfs)	Percent Slope (%)	Maximum Flow (cfs)	Maximum Flow Class	Max.Flow Day-Time (day-time)	Velocity at Maximum Flow (ft/s)	Maximum Velocity (ft/s)	Max.Flow/Fu ll Flow	Max.Depth/F ull Depth	Reserve Capacity (cfs)	Total Flow Volume (MG)	Maximum Top Width (ft)	Both End Surcharge Time (hrs)	Upstream Surcharge Time (hrs)	Downstream Surcharge Time (hrs)	Above Full-Flow Time (hrs)	Capacity Limited Time (hrs)	Instability Index
491	☐	15	2.00	10.12	0.20	15.90	ceeds Capac	0 - 13:38 hrs	5.06	5.06	1.57	1.00	-5.78	4.52	2.00	5.03	6.17	5.03	7.03	5.03	5
492	☐	152	6.00	140.59	0.11	148.14	ceeds Capac	0 - 09:56 hrs	5.24	5.24	1.05	1.00	-7.55	25.72	6.00	15.76	15.76	16.69	0.26	0.28	50
493	☐	155	6.00	173.41	0.17	168.59	Backwater	0 - 09:59 hrs	5.96	5.96	0.97	1.00	4.83	27.26	6.00	15.24	15.24	15.76	0.00	0.07	55
494	☐	156	2.50	39.27	0.92	13.45	Backwater	0 - 09:55 hrs	2.74	2.74	0.34	1.00	25.82	2.37	2.50	16.35	16.35	16.57	0.00	0.06	65
495	☐	157	6.50	74.16	0.02	163.76	ceeds Capac	0 - 09:56 hrs	4.93	4.93	2.21	1.00	-89.59	18.41	6.50	16.64	16.64	16.70	2.24	3.55	59
496	☐	158	3.50	24.07	0.16	22.26	Backwater	0 - 10:32 hrs	2.31	2.31	0.92	1.00	1.81	7.35	3.50	17.68	17.68	19.55	0.00	0.00	34
497	☐	159	3.50	23.78	0.16	27.89	ceeds Capac	0 - 10:22 hrs	2.90	2.90	1.17	1.00	-4.10	7.69	3.50	16.82	16.82	17.68	2.02	2.03	43
498	☐	16	2.00	17.23	0.58	24.60	ceeds Capac	0 - 09:47 hrs	7.83	7.83	1.43	1.00	-7.37	6.72	2.00	1.61	5.04	1.61	5.43	1.61	10
499	☐	160	3.50	23.81	0.16	21.90	Backwater	0 - 10:15 hrs	2.28	2.28	0.92	1.00	1.90	5.70	3.50	16.10	16.10	16.82	0.00	0.00	52
500	☐	161	3.50	23.73	0.16	23.11	Backwater	0 - 10:03 hrs	2.40	2.40	0.97	1.00	0.62	4.95	3.50	15.73	15.73	16.10	0.00	0.03	60
501	☐	162	2.50	20.51	0.25	15.40	Backwater	0 - 10:00 hrs	3.14	3.49	0.75	1.00	5.11	4.29	2.50	5.78	5.78	7.49	0.00	0.00	20
502	☐	164	2.50	43.04	1.10	39.61	Backwater	0 - 09:52 hrs	8.07	9.11	0.92	1.00	3.42	3.41	2.50	1.54	1.54	2.99	0.00	0.00	8
503	☐	165	3.50	44.98	0.20	34.75	Backwater	0 - 09:59 hrs	3.61	3.61	0.77	1.00	10.24	1.47	3.49	23.76	23.76	23.77	0.00	0.07	80
504	☐	166	3.50	46.82	0.22	34.70	Backwater	0 - 09:59 hrs	3.61	4.31	0.74	1.00	12.12	1.48	3.49	23.75	23.75	23.76	0.00	1.14	89
505	☐	167	3.50	44.57	0.20	34.75	Backwater	0 - 09:59 hrs	3.61	3.61	0.78	1.00	9.82	1.49	3.47	12.14	12.14	23.75	0.00	0.03	76
506	☐	17	2.50	31.25	0.58	24.55	Backwater	0 - 10:47 hrs	5.03	5.21	0.79	1.00	6.70	6.72	2.50	0.78	0.78	5.53	0.00	0.00	14
507	☐	170	4.50	62.55	0.10	143.83	ceeds Capac	0 - 00:02 hrs	9.34	11.94	2.30	1.00	-81.28	7.99	2.60	23.95	23.95	23.98	0.69	0.62	82
508	☐	171	2.50	19.99	0.24	20.16	ceeds Capac	0 - 09:41 hrs	4.11	5.29	1.01	1.00	-0.16	5.91	2.50	3.73	3.73	3.75	0.07	1.83	18
509	☐	172	3.50	25.16	0.06	27.54	ceeds Capac	0 - 10:14 hrs	2.86	2.86	1.09	1.00	-2.38	2.62	3.49	1.58	1.58	2.10	0.51	0.46	5
510	☐	173	3.50	55.28	0.30	30.88	Backwater	0 - 00:09 hrs	4.18	4.48	0.56	1.00	24.40	2.56	3.35	23.58	23.58	23.83	0.00	0.00	91
511	☐	174	2.75	72.91	1.90	16.53	Backwater	0 - 09:41 hrs	2.78	3.96	0.23	1.00	56.37	3.18	2.61	2.01	2.01	23.92	0.00	0.00	66
512	☐	175	1.75	13.48	0.96	11.12	Backwater	0 - 10:17 hrs	4.62	4.62	0.82	1.00	2.36	1.21	1.75	3.81	3.81	4.44	0.00	0.00	16
513	☐	176	2.00	5.36	0.06	16.46	ceeds Capac	0 - 11:14 hrs	5.24	5.24	3.07	1.00	-11.10	3.20	2.00	4.77	4.91	4.77	6.30	4.77	5
514	☐	177	2.00	8.51	0.14	16.46	ceeds Capac	0 - 11:14 hrs	5.24	5.24	1.93	1.00	-7.95	3.20	2.00	4.73	4.73	23.75	3.93	3.92	5
515	☐	178	4.50	19.66	0.01	95.80	ceeds Capac	0 - 00:04 hrs	6.18	8.61	4.87	1.00	-76.13	6.46	4.50	23.92	23.93	23.92	3.30	6.38	83
516	☐	179	4.50	61.30	0.10	91.48	ceeds Capac	0 - 00:04 hrs	7.00	7.60	1.49	1.00	-30.18	6.50	4.35	23.92	23.92	23.92	0.04	0.02	86
517	☐	180	3.75	69.01	0.33	70.39	Backwater	0 - 00:05 hrs	6.94	8.48	1.02	1.00	-1.38	3.36	3.25	23.89	23.89	23.92	0.01	0.00	81
518	☐	181	3.75	43.10	0.13	62.74	ceeds Capac	0 - 00:05 hrs	7.83	7.83	1.46	1.00	-19.64	3.38	3.42	23.88	23.88	23.89	0.21	0.22	83
519	☐	182	3.50	31.13	0.10	40.40	Backwater	0 - 00:07 hrs	6.08	6.10	1.30	1.00	-9.27	2.53	3.42	23.83	23.83	23.86	0.05	0.04	72
520	☐	183	3.50	44.03	0.19	27.55	Backwater	0 - 10:14 hrs	2.86	2.86	0.63	1.00	16.48	2.65	3.50	0.97	0.97	1.58	0.00	0.00	4
521	☐	184	2.00	14.41	0.41	15.74	ceeds Capac	0 - 10:26 hrs	5.01	5.01	1.09	1.00	-1.33	1.45	2.00	1.41	1.41	1.86	0.17	0.18	4
522	☐	185	2.00	11.46	0.26	15.74	ceeds Capac	0 - 10:26 hrs	5.01	5.01	1.37	1.00	-4.29	1.47	2.00	1.20	1.20	1.32	0.52	0.52	3
523	☐	186	3.50	41.74	0.17	27.52	Backwater	0 - 10:14 hrs	2.86	4.16	0.66	1.00	14.22	2.58	3.48	2.10	2.10	23.58	0.00	0.00	28
524	☐	187	2.00	4.64	0.12	8.79	ceeds Capac	0 - 14:14 hrs	2.80	2.80	1.89	1.00	-4.14	4.08	2.00	19.97	19.98	19.97	18.36	17.99	89
525	☐	188	2.00	4.67	0.12	8.78	ceeds Capac	0 - 21:38 hrs	2.79	2.79	1.88	1.00	-4.10	4.08	2.00	19.95	19.97	19.95	18.22	17.96	81
526	☐	189	2.00	4.63	0.12	8.78	ceeds Capac	0 - 14:12 hrs	2.80	2.80	1.90	1.00	-4.15	4.07	2.00	19.88	19.95	19.88	18.37	18.18	77
527	☐	19	4.50	87.90	0.20	75.55	Backwater	0 - 10:30 hrs	4.75	4.75	0.86	1.00	12.35	17.36	4.50	4.54	4.54	15.04	0.00	0.00	18
528	☐	190	2.00	4.65	0.12	8.78	ceeds Capac	0 - 14:12 hrs	2.79	2.79	1.89	1.00	-4.13	4.06	1.99	19.88	19.88	19.88	18.26	17.94	79
529	☐	191	2.00	1.93	0.02	8.78	ceeds Capac	0 - 20:51 hrs	2.79	2.79	4.54	1.00	-6.84	4.06	2.00	19.88	19.88	19.88	20.05	19.88	82
530	☐	192	2.00	6.43	0.23	8.78	ceeds Capac	0 - 14:18 hrs	2.79	2.79	1.36	1.00	-2.34	4.05	2.00	19.88	19.88	19.89	14.05	14.21	80
531	☐	193	2.00	4.61	0.12	8.76	ceeds Capac	0 - 17:58 hrs	2.79	2.79	1.90	1.00	-4.16	4.05	2.00	19.89	19.89	19.89	18.33	18.34	63
532	☐	194	2.00	8.27	0.38	8.77	Free Surface	0 - 21:37 hrs	3.41	3.41	1.06	0.76	-0.50	4.04	2.00	0.00	0.00	19.89	12.27	0.00	67
533	☐	195	3.00	74.58	1.25	79.79	ceeds Capac	0 - 09:51 hrs	12.20	12.20	1.07	1.00	-5.20	11.01	3.00	0.92	0.92	1.05	0.51	0.51	4
534	☐	196	3.00	75.04	1.27	75.88	ceeds Capac	0 - 10:26 hrs	10.74	10.74	1.01	1.00	-0.84	11.01	3.00	1.11	1.11	1.50	0.35	0.37	4
535	☐	197	5.00	87.41	0.11	116.57	ceeds Capac	0 - 10:03 hrs	5.94	5.94	1.33	1.00	-29.16	15.93	5.00	21.56	21.56	23.96	1.40	1.41	3
536	☐	198	4.00	86.75	0.36	87.84	ceeds Capac	0 - 10:38 hrs	6.99	6.99	1.01	1.00	-1.09	12.63	3.90	19.52	19.52	23.93	0.10	0.21	12
537	☐	199	4.00	116.52	0.66	120.92	ceeds Capac	0 - 09:59 hrs	9.62	9.62	1.04	1.00	-4.40	13.16	4.00	1.27	1.27	1.66	0.14	0.13	5
538	☐	20	4.50	59.36	0.09	76.29	ceeds Capac	0 - 09:59 hrs	4.80	4.80	1.29	1.00	-16.93	15.80	4.50	15.04	15.04	15.39	2.39	2.39	42
539	☐	200	2.00	27.03	1.43	21.93	Backwater	0 - 10:08 hrs	6.98	6.98	0.81	1.00	5.09	1.28	2.00	1.71	1.71	1.88	0.00	0.01	6

FUTURE CONDITIONS 20-YR 24-HR CONDUITS

		ID	Full Depth (ft)	Full Flow (cfs)	Percent Slope (%)	Maximum Flow (cfs)	Maximum Flow Class	Max.Flow Day-Time (day-time)	Velocity at Maximum Flow (ft/s)	Maximum Velocity (ft/s)	Max.Flow/Fu ll Flow	Max.Depth/F ull Depth	Reserve Capacity (cfs)	Total Flow Volume (MG)	Maximum Top Width (ft)	Both End Surcharge Time (hrs)	Upstream Surcharge Time (hrs)	Downstream Surcharge Time (hrs)	Above Full-Flow Time (hrs)	Capacity Limited Time (hrs)	Instability Index
540	☐	201	2.00	12.35	0.40	14.22	ceeds Capac	0 - 09:52 hrs	4.53	4.53	1.15	1.00	-1.88	1.21	1.81	1.88	1.88	23.80	0.52	0.53	7
541	☐	202	5.00	109.10	0.18	192.33	ceeds Capac	0 - 00:02 hrs	9.94	10.00	1.76	1.00	-83.23	15.78	1.96	23.96	23.96	24.00	0.90	0.89	3
542	☐	203	2.00	53.48	5.59	45.29	Backwater	0 - 09:59 hrs	14.41	15.13	0.85	1.00	8.19	2.03	2.00	0.15	0.15	0.27	0.00	0.00	0
543	☐	204	3.50	61.39	0.37	93.29	ceeds Capac	0 - 10:03 hrs	9.70	9.70	1.52	1.00	-31.90	7.36	1.37	23.94	23.94	24.00	0.39	0.39	0
544	☐	205	3.50	68.26	0.46	97.47	ceeds Capac	0 - 10:03 hrs	10.13	10.13	1.43	1.00	-29.21	20.36	1.37	23.94	23.94	24.00	0.37	0.37	0
545	☐	206	3.50	54.85	0.30	89.59	ceeds Capac	0 - 10:03 hrs	9.31	9.31	1.63	1.00	-34.74	12.75	1.37	23.94	23.94	24.00	0.40	0.40	0
546	☐	208	2.00	7.21	0.10	14.45	ceeds Capac	0 - 09:59 hrs	4.66	4.85	2.00	1.00	-7.24	0.97	2.00	0.10	1.17	0.10	1.23	0.10	1
547	☐	209	2.00	21.61	0.91	7.47	Backwater	0 - 10:11 hrs	2.58	3.63	0.35	1.00	14.14	0.49	2.00	0.10	0.10	0.13	0.00	0.00	0
548	☐	21	2.00	10.38	0.21	10.99	ceeds Capac	0 - 09:47 hrs	3.50	3.50	1.06	1.00	-0.61	1.40	2.00	2.30	2.30	7.02	0.04	0.04	7
549	☐	210	2.00	19.47	0.74	27.57	ceeds Capac	0 - 10:03 hrs	8.81	8.81	1.42	1.00	-8.10	1.40	2.00	0.03	0.27	0.03	0.33	0.03	0
550	☐	211	2.00	19.33	0.73	21.96	ceeds Capac	0 - 10:00 hrs	7.27	7.27	1.14	1.00	-2.63	1.34	2.00	0.03	0.13	0.03	0.29	0.03	0
551	☐	212	2.50	61.83	2.27	35.25	Backwater	0 - 10:07 hrs	7.83	8.15	0.57	1.00	26.57	1.55	2.50	0.09	0.09	0.34	0.00	0.00	0
552	☐	213	3.50	104.20	1.07	95.87	Backwater	0 - 10:03 hrs	9.96	11.78	0.92	1.00	8.33	4.87	3.50	0.19	0.19	0.27	0.00	0.00	0
553	☐	214	2.50	59.37	2.09	49.52	Backwater	0 - 09:59 hrs	11.15	11.15	0.83	1.00	9.85	2.50	2.50	0.15	0.15	0.25	0.00	0.00	0
554	☐	216	3.50	107.50	1.14	93.74	Backwater	0 - 10:07 hrs	9.74	11.42	0.87	1.00	13.75	4.87	3.50	0.30	0.30	0.38	0.00	0.00	0
555	☐	217	3.50	78.39	0.61	93.73	ceeds Capac	0 - 10:07 hrs	9.74	9.74	1.20	1.00	-15.34	4.87	3.50	0.39	0.39	0.71	0.24	0.25	0
556	☐	218	4.50	102.35	0.27	122.91	ceeds Capac	0 - 10:00 hrs	7.73	7.73	1.20	1.00	-20.56	6.21	4.50	0.49	0.49	0.53	0.23	0.22	1
557	☐	219	5.00	71.37	0.08	122.89	ceeds Capac	0 - 10:00 hrs	6.26	6.26	1.72	1.00	-51.52	6.19	5.00	0.47	0.47	0.47	0.44	0.36	2
558	☐	22	2.00	12.80	0.32	10.99	Backwater	0 - 09:47 hrs	3.50	3.50	0.86	1.00	1.82	1.39	1.94	7.02	7.02	23.89	0.00	0.00	7
559	☐	220	5.00	94.30	0.13	174.17	ceeds Capac	0 - 10:02 hrs	8.87	8.87	1.85	1.00	-79.87	9.97	5.00	0.45	0.47	0.45	0.56	0.45	1
560	☐	221	2.00	53.12	5.51	53.14	ceeds Capac	0 - 09:59 hrs	16.91	16.91	1.00	1.00	-0.02	3.80	2.00	0.70	0.70	23.78	0.00	0.02	0
561	☐	222	2.00	31.37	1.92	34.88	ceeds Capac	0 - 09:53 hrs	11.10	11.10	1.11	1.00	-3.51	2.84	2.00	0.59	0.59	0.62	0.28	0.27	1
562	☐	224	2.00	26.47	1.37	34.87	ceeds Capac	0 - 09:53 hrs	11.10	11.13	1.32	1.00	-8.41	2.84	2.00	0.61	0.62	0.73	0.63	0.58	0
563	☐	225	2.50	102.34	6.22	0.00	Free Surface	0 - 00:00 hrs	0.00	0.00	0.00	0.50	102.34	0.00	2.50	0.00	0.00	0.00	0.00	0.00	0
564	☐	226	2.50	29.61	0.52	12.25	Backwater	0 - 09:56 hrs	2.79	3.03	0.41	1.00	17.36	0.00	2.50	0.20	0.20	0.40	0.00	0.00	1
565	☐	227	2.50	38.38	0.88	12.25	Backwater	0 - 09:56 hrs	2.50	2.50	0.32	1.00	26.13	0.00	2.49	0.40	0.40	1.20	0.00	0.00	1
566	☐	228	5.50	156.36	0.22	236.05	ceeds Capac	0 - 10:03 hrs	9.94	9.94	1.51	1.00	-79.70	13.03	5.49	0.33	0.35	0.33	0.40	0.33	0
567	☐	229	2.00	37.17	2.70	45.29	ceeds Capac	0 - 09:59 hrs	14.42	14.42	1.22	1.00	-8.12	2.03	1.91	0.27	0.27	23.82	0.19	0.20	0
568	☐	23	4.00	87.35	0.37	17.72	Backwater	0 - 00:06 hrs	2.70	2.98	0.20	1.00	69.63	1.37	3.99	3.32	3.32	23.73	0.00	0.00	43
569	☐	230	5.50	83.06	0.06	280.37	ceeds Capac	0 - 10:03 hrs	11.80	11.80	3.38	1.00	-197.31	14.99	5.50	0.10	0.33	0.10	1.11	0.10	0
570	☐	231	2.25	25.36	0.67	20.87	Backwater	0 - 10:33 hrs	5.25	5.25	0.82	1.00	4.48	2.93	2.25	1.05	1.05	1.60	0.00	0.00	5
571	☐	232	2.00	10.58	0.22	15.92	ceeds Capac	0 - 09:51 hrs	5.07	5.07	1.50	1.00	-5.34	1.32	2.00	1.15	1.16	1.17	0.47	0.39	4
572	☐	233	2.00	2.29	0.01	9.66	ceeds Capac	0 - 10:02 hrs	3.08	3.08	4.23	1.00	-7.38	0.37	2.00	1.16	1.16	1.17	1.73	0.64	8
573	☐	234	2.00	20.77	0.84	15.95	Free Surface	0 - 09:59 hrs	5.21	5.75	0.77	0.94	4.82	0.65	2.00	0.00	0.00	0.80	0.00	0.00	0
574	☐	235	2.00	17.31	0.59	15.95	Backwater	0 - 09:59 hrs	5.08	5.08	0.92	1.00	1.35	0.65	2.00	0.94	0.94	1.06	0.00	0.01	3
575	☐	236	2.00	6.53	0.08	5.90	Backwater	0 - 10:03 hrs	1.88	1.88	0.90	1.00	0.62	0.03	2.00	1.52	1.52	1.71	0.00	0.00	7
576	☐	237	2.50	15.31	0.14	35.75	ceeds Capac	0 - 10:03 hrs	7.28	7.28	2.33	1.00	-20.44	4.42	2.50	1.38	1.51	1.38	2.53	1.38	7
577	☐	238	2.50	18.85	0.21	35.80	ceeds Capac	0 - 10:03 hrs	7.29	7.29	1.90	1.00	-16.94	4.42	2.50	1.47	1.50	1.47	1.86	1.39	8
578	☐	239	2.50	21.67	0.28	35.76	ceeds Capac	0 - 09:59 hrs	7.28	7.28	1.65	1.00	-14.09	4.42	2.50	1.46	1.47	1.46	1.58	1.42	7
579	☐	24	2.00	17.65	0.61	36.37	ceeds Capac	0 - 09:59 hrs	11.58	11.58	2.06	1.00	-18.72	3.00	0.78	23.94	23.94	23.99	1.00	0.98	72
580	☐	240	2.50	19.57	0.23	35.75	Free Surface	0 - 09:59 hrs	7.65	7.65	1.83	0.91	-16.18	4.42	2.50	0.00	1.46	0.00	1.78	0.00	3
581	☐	241	2.50	63.26	2.38	35.74	Free Surface	0 - 09:59 hrs	8.82	13.08	0.56	0.77	27.52	4.42	2.50	0.00	0.00	0.62	0.00	0.00	0
582	☐	243	2.50	56.11	1.87	35.75	Backwater	0 - 09:59 hrs	7.28	8.29	0.64	1.00	20.35	4.42	2.50	0.70	0.70	0.98	0.00	0.00	3
583	☐	244	2.50	19.43	0.22	37.18	ceeds Capac	0 - 09:52 hrs	7.57	7.57	1.91	1.00	-17.75	5.12	2.50	1.38	1.70	1.38	2.47	1.38	5
584	☐	245	2.25	23.55	0.58	23.21	Backwater	0 - 10:03 hrs	5.84	11.90	0.99	1.00	0.34	1.94	2.25	0.87	0.87	0.88	0.00	0.35	4
585	☐	246	2.00	25.01	1.22	23.20	Backwater	0 - 10:03 hrs	7.38	7.38	0.93	1.00	1.82	1.94	2.00	0.86	0.86	0.91	0.00	0.08	4
586	☐	247	2.00	12.19	0.29	16.23	ceeds Capac	0 - 09:49 hrs	5.17	5.17	1.33	1.00	-4.04	1.51	2.00	1.28	1.28	1.32	0.24	0.37	5
587	☐	248	2.00	13.54	0.36	23.20	ceeds Capac	0 - 10:03 hrs	7.38	7.38	1.71	1.00	-9.66	1.94	2.00	0.90	0.91	0.90	0.95	0.86	4
588	☐	249	2.00	10.28	0.21	16.19	ceeds Capac	0 - 09:49 hrs	5.15	5.15	1.58	1.00	-5.91	1.51	2.00	1.32	1.32	1.39	0.49	0.48	3

FUTURE CONDITIONS 20-YR 24-HR CONDUITS

		ID	Full Depth (ft)	Full Flow (cfs)	Percent Slope (%)	Maximum Flow (cfs)	Maximum Flow Class	Max.Flow Day-Time (day-time)	Velocity at Maximum Flow (ft/s)	Maximum Velocity (ft/s)	Max.Flow/Fu ll Flow	Max.Depth/F ull Depth	Reserve Capacity (cfs)	Total Flow Volume (MG)	Maximum Top Width (ft)	Both End Surcharge Time (hrs)	Upstream Surcharge Time (hrs)	Downstream Surcharge Time (hrs)	Above Full-Flow Time (hrs)	Capacity Limited Time (hrs)	Instability Index
589	☐	25	3.00	68.62	3.03	73.09	ceeds Capac	0 - 09:56 hrs	10.49	10.53	1.07	1.00	-4.47	6.86	3.00	0.26	0.26	0.36	0.31	0.26	0
590	☐	250	2.25	19.59	0.40	23.35	ceeds Capac	0 - 09:57 hrs	5.87	5.87	1.19	1.00	-3.76	2.52	2.25	0.99	0.99	1.07	0.60	0.61	4
591	☐	251	2.00	5.59	0.06	24.23	ceeds Capac	0 - 09:51 hrs	7.71	7.71	4.34	1.00	-18.64	2.28	2.00	0.92	1.46	0.92	4.00	0.92	4
592	☐	252	2.00	16.02	0.50	27.08	ceeds Capac	0 - 09:51 hrs	8.78	8.80	1.69	1.00	-11.06	1.69	2.00	0.93	0.97	0.93	0.40	0.42	3
593	☐	253	2.00	15.05	0.44	11.61	Backwater	0 - 09:51 hrs	3.69	16.31	0.77	1.00	3.44	0.24	2.00	0.93	0.93	0.94	0.00	0.26	4
594	☐	254	5.00	346.57	1.77	179.37	Backwater	0 - 00:00 hrs	9.54	9.54	0.52	1.00	167.20	4.39	2.61	0.00	0.00	24.00	0.00	0.00	0
595	☐	255	2.50	26.22	0.41	52.92	ceeds Capac	0 - 09:59 hrs	10.78	10.78	2.02	1.00	-26.71	4.38	1.07	23.89	23.89	23.99	1.20	1.20	4
596	☐	256	2.50	81.82	3.98	52.91	Free Surface	0 - 09:59 hrs	12.68	12.68	0.65	0.79	28.91	4.41	2.50	0.00	0.00	23.54	0.00	0.00	0
597	☐	257	2.50	22.36	0.30	53.02	Free Surface	0 - 09:59 hrs	10.92	10.92	2.37	0.97	-30.66	4.41	2.50	0.00	1.18	0.00	1.30	0.00	3
598	☐	258	2.50	30.11	0.54	53.02	ceeds Capac	0 - 09:59 hrs	10.80	10.80	1.76	1.00	-22.91	4.41	2.50	1.07	1.07	1.15	1.06	1.05	1
599	☐	259	2.25	16.81	0.29	19.66	ceeds Capac	0 - 10:27 hrs	4.94	5.41	1.17	1.00	-2.84	2.45	2.25	1.07	1.07	1.17	0.79	0.77	4
600	☐	26	1.50	6.08	0.45	9.62	Backwater	0 - 10:02 hrs	5.45	5.45	1.58	1.00	-3.55	0.37	1.50	1.36	1.36	1.37	0.37	0.30	4
601	☐	260	2.25	19.86	0.41	19.66	Backwater	0 - 10:27 hrs	4.94	5.52	0.99	1.00	0.20	2.45	2.25	1.21	1.21	1.32	0.00	0.10	4
602	☐	261	2.50	23.32	0.32	32.86	ceeds Capac	0 - 09:52 hrs	6.69	6.69	1.41	1.00	-9.53	2.95	2.50	1.06	1.06	1.08	0.86	0.82	1
603	☐	262	2.50	24.26	0.35	32.86	ceeds Capac	0 - 09:52 hrs	6.69	6.69	1.35	1.00	-8.60	2.95	2.50	1.05	1.06	1.08	0.81	0.78	1
604	☐	263	2.00	16.02	0.50	22.56	ceeds Capac	0 - 09:52 hrs	7.19	7.31	1.41	1.00	-6.54	1.67	2.00	0.87	0.93	0.87	0.38	0.24	0
605	☐	264	2.50	25.49	0.39	27.89	ceeds Capac	0 - 10:08 hrs	5.68	5.68	1.09	1.00	-2.39	3.16	2.50	1.34	1.34	1.48	0.63	0.64	2
606	☐	265	2.50	30.82	0.56	37.16	ceeds Capac	0 - 09:52 hrs	7.57	7.57	1.21	1.00	-6.33	5.30	2.50	1.48	1.48	1.70	1.32	1.31	2
607	☐	266	2.50	22.71	0.31	37.20	ceeds Capac	0 - 09:52 hrs	7.61	7.62	1.64	1.00	-14.49	5.11	2.50	1.06	1.38	1.06	1.88	1.05	6
608	☐	267	2.50	26.95	0.43	37.76	ceeds Capac	0 - 09:52 hrs	7.81	8.62	1.40	1.00	-10.81	5.11	2.50	1.00	1.35	1.00	1.55	0.75	6
609	☐	268	2.50	56.64	1.91	37.39	Backwater	0 - 10:59 hrs	9.59	9.64	0.66	1.00	19.25	5.11	2.50	1.00	1.00	1.03	0.00	0.15	5
610	☐	269	2.50	33.18	0.65	35.26	ceeds Capac	0 - 10:53 hrs	7.23	7.77	1.06	1.00	-2.08	5.11	2.50	1.02	1.03	1.07	0.16	0.06	4
611	☐	27	2.00	32.14	2.02	28.05	Backwater	0 - 09:59 hrs	9.74	10.39	0.87	1.00	4.09	1.53	2.00	0.03	0.03	0.17	0.00	0.00	0
612	☐	270	2.50	38.91	0.90	44.81	ceeds Capac	0 - 09:52 hrs	9.13	9.17	1.15	1.00	-5.90	6.04	2.50	1.04	1.07	1.11	0.19	0.08	4
613	☐	271	2.50	37.73	0.85	44.92	ceeds Capac	0 - 09:52 hrs	9.22	9.22	1.19	1.00	-7.19	6.03	2.50	0.99	1.11	0.99	0.40	0.27	4
614	☐	272	2.50	37.36	0.83	40.19	ceeds Capac	0 - 09:51 hrs	8.31	8.63	1.08	1.00	-2.83	6.03	2.50	0.99	1.18	1.00	0.46	0.20	2
615	☐	273	2.50	17.63	0.18	25.35	Backwater	0 - 00:03 hrs	5.48	5.54	1.44	1.00	-7.71	2.34	2.40	23.94	23.94	23.94	0.01	0.00	76
616	☐	274	2.00	7.11	0.10	11.05	ceeds Capac	0 - 00:08 hrs	3.53	3.53	1.55	1.00	-3.94	2.53	1.99	23.86	23.86	23.88	4.44	4.62	71
617	☐	275	4.50	89.91	0.21	51.81	Backwater	0 - 10:15 hrs	3.26	5.94	0.58	1.00	38.10	8.28	4.50	1.05	1.05	1.14	0.00	0.00	3
618	☐	276	6.00	134.48	0.10	360.97	Backwater	0 - 00:00 hrs	12.78	12.78	2.68	1.00	-226.49	5.28	2.35	23.99	23.99	24.00	0.07	0.01	68
619	☐	277	5.00	130.84	0.25	201.89	Backwater	0 - 00:02 hrs	10.38	10.75	1.54	1.00	-71.05	7.52	1.96	23.96	23.96	23.99	0.05	0.00	59
620	☐	278	3.00	81.85	1.51	68.51	Free Surface	0 - 10:00 hrs	10.05	12.80	0.84	0.92	13.34	7.31	3.00	0.00	0.00	0.33	0.00	0.00	1
621	☐	279	3.00	76.61	1.32	81.85	ceeds Capac	0 - 09:56 hrs	11.58	11.58	1.07	1.00	-5.23	8.72	3.00	0.58	0.58	0.67	0.44	0.43	2
622	☐	28	3.00	33.61	0.73	13.26	Free Surface	0 - 09:59 hrs	4.42	4.43	0.39	0.44	20.35	0.55	2.98	0.00	0.00	0.00	0.00	0.00	0
623	☐	280	2.50	10.20	0.06	21.09	Free Surface	0 - 10:15 hrs	4.94	4.94	2.07	0.81	-10.90	2.72	2.50	0.00	1.28	0.00	2.26	0.00	0
624	☐	281	2.50	22.15	0.29	22.15	Backwater	0 - 10:25 hrs	4.51	4.51	1.00	1.00	0.00	2.23	2.50	1.22	1.22	1.28	0.00	0.04	2
625	☐	282	2.50	21.76	0.28	30.22	ceeds Capac	0 - 09:59 hrs	6.16	6.16	1.39	1.00	-8.45	2.32	2.50	1.10	1.10	1.22	0.59	0.61	5
626	☐	283	2.50	28.13	0.47	22.89	Backwater	0 - 10:17 hrs	4.66	4.66	0.81	1.00	5.25	1.89	2.50	0.97	0.97	1.10	0.00	0.00	4
627	☐	284	3.00	92.97	1.94	21.09	Free Surface	0 - 10:00 hrs	6.78	7.62	0.23	0.46	71.87	2.71	2.99	0.00	0.00	0.00	0.00	0.00	0
628	☐	285	3.50	53.00	0.28	57.47	ceeds Capac	0 - 09:59 hrs	5.97	6.06	1.08	1.00	-4.47	5.33	1.37	23.96	23.96	24.00	0.54	0.54	7
629	☐	286	3.00	38.65	0.34	47.53	ceeds Capac	0 - 09:59 hrs	6.72	6.72	1.23	1.00	-8.89	3.73	3.00	0.70	0.70	0.73	0.51	0.49	3
630	☐	287	2.00	18.26	0.65	14.01	Backwater	0 - 10:29 hrs	4.46	4.46	0.77	1.00	4.25	1.61	2.00	1.11	1.11	1.38	0.00	0.00	10
631	☐	288	2.00	15.17	0.45	14.00	Backwater	0 - 10:29 hrs	4.46	4.46	0.92	1.00	1.17	1.61	2.00	0.90	0.90	1.11	0.00	0.01	6
632	☐	289	2.75	53.30	1.02	40.61	Backwater	0 - 00:01 hrs	7.69	7.69	0.76	1.00	12.69	1.60	2.01	23.97	23.97	23.97	0.00	0.00	54
633	☐	29	3.00	30.53	0.60	12.82	Free Surface	0 - 10:04 hrs	4.15	4.20	0.42	0.45	17.71	0.55	2.99	0.00	0.00	0.00	0.00	0.00	0
634	☐	290	2.00	26.53	1.38	6.94	Backwater	0 - 09:59 hrs	2.21	2.21	0.26	1.00	19.59	0.02	2.00	0.92	0.92	2.55	0.00	0.00	5
635	☐	291	3.00	30.57	0.21	22.22	Backwater	0 - 10:04 hrs	3.14	3.47	0.73	1.00	8.35	2.92	3.00	1.17	1.17	1.29	0.00	0.00	1
636	☐	292	3.00	30.61	0.21	26.05	Backwater	0 - 09:48 hrs	4.06	4.68	0.85	1.00	4.56	2.90	3.00	1.07	1.07	1.17	0.00	0.00	0
637	☐	294	5.50	180.50	0.29	249.69	ceeds Capac	0 - 09:56 hrs	10.54	10.54	1.38	1.00	-69.19	28.60	5.50	1.00	1.01	1.04	0.61	0.53	3

FUTURE CONDITIONS 20-YR 24-HR CONDUITS

		ID	Full Depth (ft)	Full Flow (cfs)	Percent Slope (%)	Maximum Flow (cfs)	Maximum Flow Class	Max.Flow Day-Time (day-time)	Velocity at Maximum Flow (ft/s)	Maximum Velocity (ft/s)	Max.Flow/Fu ll Flow	Max.Depth/F ull Depth	Reserve Capacity (cfs)	Total Flow Volume (MG)	Maximum Top Width (ft)	Both End Surcharge Time (hrs)	Upstream Surcharge Time (hrs)	Downstream Surcharge Time (hrs)	Above Full-Flow Time (hrs)	Capacity Limited Time (hrs)	Instability Index
638	☐	295	4.00	66.66	0.22	93.03	ceeds Capac	0 - 09:56 hrs	7.40	7.40	1.40	1.00	-26.38	6.97	4.00	4.21	4.22	4.35	0.52	0.57	21
639	☐	296	3.00	55.43	0.69	65.37	ceeds Capac	0 - 09:55 hrs	9.25	9.25	1.18	1.00	-9.94	4.68	3.00	0.45	0.45	0.45	0.19	0.16	0
640	☐	297	4.50	75.58	0.15	98.95	Backwater	0 - 09:56 hrs	7.77	8.26	1.31	1.00	-23.37	10.40	4.50	0.83	0.83	0.83	0.07	0.32	4
641	☐	298	3.50	88.51	0.77	60.97	Backwater	0 - 09:59 hrs	6.34	6.34	0.69	1.00	27.53	2.44	3.50	0.64	0.64	0.86	0.00	0.00	2
642	☐	299	3.50	42.16	0.18	49.72	Backwater	0 - 09:57 hrs	6.38	6.91	1.18	1.00	-7.57	7.13	3.50	0.38	0.38	0.40	0.31	0.01	2
643	☐	30	3.00	47.16	0.50	45.97	Free Surface	0 - 10:02 hrs	7.67	7.79	0.97	0.90	1.19	7.32	2.98	0.00	0.00	0.03	0.00	0.00	0
644	☐	300	3.50	81.62	0.66	46.92	Backwater	0 - 10:33 hrs	5.29	6.82	0.57	1.00	34.71	7.11	3.50	0.40	0.40	0.86	0.00	0.00	1
645	☐	301	4.50	90.16	0.21	91.85	Backwater	0 - 09:56 hrs	6.27	6.51	1.02	1.00	-1.69	9.37	4.50	0.72	0.72	0.78	0.01	0.00	3
646	☐	302	4.50	99.35	0.26	91.08	Backwater	0 - 09:56 hrs	6.10	6.13	0.92	1.00	8.27	9.36	4.50	0.78	0.78	0.82	0.00	0.00	3
647	☐	303	4.50	75.51	0.15	95.14	Backwater	0 - 09:56 hrs	6.37	6.53	1.26	1.00	-19.63	9.77	4.50	0.82	0.82	0.83	0.06	0.05	3
648	☐	304	4.00	14.36	0.01	60.99	ceeds Capac	0 - 09:59 hrs	4.85	7.13	4.25	1.00	-46.62	2.43	4.00	0.58	0.59	0.58	1.00	0.29	3
649	☐	305	3.50	67.92	0.46	60.86	Backwater	0 - 10:15 hrs	6.38	6.69	0.90	1.00	7.06	7.26	3.50	0.24	0.24	0.33	0.00	0.00	0
650	☐	306	2.50	34.84	0.72	84.63	ceeds Capac	0 - 09:59 hrs	17.24	17.24	2.43	1.00	-49.79	7.19	2.50	1.74	1.74	1.87	1.02	1.04	4
651	☐	307	2.50	34.80	0.72	33.54	Backwater	0 - 09:57 hrs	6.83	6.83	0.96	1.00	1.26	5.26	2.50	1.35	1.35	1.74	0.00	0.00	5
652	☐	308	2.50	34.81	0.72	33.54	Backwater	0 - 09:57 hrs	6.83	7.86	0.96	1.00	1.27	5.26	2.50	1.05	1.05	1.35	0.00	0.00	3
653	☐	309	2.00	19.19	0.72	22.22	ceeds Capac	0 - 09:48 hrs	7.07	7.15	1.16	1.00	-3.02	4.05	2.00	1.15	1.16	1.20	0.16	0.08	2
654	☐	31	2.00	38.11	2.84	27.59	Free Surface	0 - 10:11 hrs	28.79	28.79	0.72	0.49	10.52	0.46	1.99	0.00	0.00	0.00	0.00	0.00	0
655	☐	310	2.00	19.20	0.72	22.21	ceeds Capac	0 - 09:48 hrs	7.07	7.07	1.16	1.00	-3.01	4.05	2.00	1.09	1.10	1.16	0.15	0.09	3
656	☐	311	3.00	39.31	0.35	34.97	Backwater	0 - 09:59 hrs	4.95	5.96	0.89	1.00	4.34	4.16	3.00	1.23	1.23	1.37	0.00	0.00	4
657	☐	312	3.00	32.26	0.23	27.01	Backwater	0 - 09:49 hrs	4.21	5.25	0.84	1.00	5.25	3.78	3.00	1.09	1.09	1.23	0.00	0.00	4
658	☐	313	3.00	31.49	0.22	31.49	Backwater	0 - 09:49 hrs	5.29	5.32	1.00	1.00	-0.00	3.78	3.00	1.03	1.03	1.09	0.00	0.00	4
659	☐	314	2.50	92.75	5.11	116.19	ceeds Capac	0 - 09:59 hrs	23.67	23.67	1.25	1.00	-23.43	6.69	2.50	0.20	0.20	0.24	0.24	0.20	0
660	☐	315	2.50	40.85	0.99	31.25	Backwater	0 - 10:22 hrs	6.37	6.77	0.76	1.00	9.60	2.73	2.50	0.70	0.70	0.75	0.00	0.01	1
661	☐	316	2.25	22.68	0.54	35.71	ceeds Capac	0 - 09:59 hrs	8.98	8.98	1.57	1.00	-13.03	2.29	2.25	0.38	0.41	0.38	0.46	0.38	0
662	☐	317	2.25	23.82	0.59	27.12	ceeds Capac	0 - 10:04 hrs	6.82	6.82	1.14	1.00	-3.30	1.86	2.25	0.38	0.38	0.41	0.32	0.32	1
663	☐	318	6.50	235.08	0.20	285.49	ceeds Capac	0 - 10:03 hrs	8.60	8.60	1.21	1.00	-50.41	24.26	6.50	0.56	0.56	0.60	0.29	0.27	2
664	☐	319	7.00	498.96	0.61	466.60	Backwater	0 - 10:03 hrs	12.12	12.12	0.94	1.00	32.36	64.68	6.95	0.11	0.11	6.09	0.00	0.00	0
665	☐	32	2.50	34.62	0.71	24.56	Backwater	0 - 10:47 hrs	5.00	5.00	0.71	1.00	10.06	6.71	2.25	5.53	5.53	8.55	0.00	0.00	20
666	☐	320	6.50	1,324.50	6.38	425.58	Free Surface	0 - 10:03 hrs	17.29	20.55	0.32	0.69	898.92	62.89	6.50	0.00	0.00	0.20	0.00	0.00	0
667	☐	323	6.50	906.48	2.99	425.68	Free Surface	0 - 10:03 hrs	21.36	22.14	0.47	0.58	480.80	62.90	6.50	0.00	0.00	0.00	0.00	0.00	0
668	☐	327	6.50	389.40	0.55	438.92	ceeds Capac	0 - 10:00 hrs	13.50	13.52	1.13	1.00	-49.52	62.86	6.50	0.18	0.36	0.18	0.63	0.18	0
669	☐	33	1.50	7.34	0.65	11.38	Free Surface	0 - 09:57 hrs	6.65	6.65	1.55	0.93	-4.04	0.46	1.50	0.00	0.00	0.19	0.28	0.00	0
670	☐	331	6.50	416.85	0.63	447.14	ceeds Capac	0 - 09:59 hrs	13.91	14.47	1.07	1.00	-30.28	63.00	6.50	0.32	0.32	0.36	0.22	0.14	1
671	☐	332	3.00	41.29	0.38	39.91	Backwater	0 - 10:22 hrs	5.65	6.82	0.97	1.00	1.38	4.99	3.00	1.26	1.26	1.41	0.00	0.10	6
672	☐	333	2.50	4.10	0.01	34.87	Backwater	0 - 09:59 hrs	7.10	7.10	8.50	1.00	-30.76	7.53	2.50	4.31	4.31	5.08	21.76	0.00	18
673	☐	334	2.50	18.09	0.19	34.87	Backwater	0 - 09:59 hrs	7.10	7.10	1.93	1.00	-16.78	7.54	2.50	4.92	4.92	5.01	4.81	0.17	22
674	☐	335	2.50	4.10	0.01	18.12	Backwater	0 - 10:08 hrs	3.69	3.69	4.42	1.00	-14.01	1.33	2.50	20.79	20.79	20.80	2.38	6.00	76
675	☐	336	4.00	27.11	0.04	61.46	ceeds Capac	0 - 10:27 hrs	4.89	5.81	2.27	1.00	-34.35	8.77	4.00	1.28	1.30	1.28	2.52	1.06	6
676	☐	337	3.50	40.29	0.16	28.74	Backwater	0 - 10:56 hrs	2.99	3.18	0.71	1.00	11.55	4.94	3.48	23.76	23.76	23.77	0.00	0.10	86
677	☐	338	2.50	16.69	0.17	19.34	ceeds Capac	0 - 09:53 hrs	3.94	4.25	1.16	1.00	-2.65	2.29	2.49	3.36	3.36	3.60	0.77	1.03	19
678	☐	339	4.50	76.04	0.15	157.24	ceeds Capac	0 - 09:56 hrs	9.89	9.89	2.07	1.00	-81.19	8.30	4.50	0.49	0.49	0.49	0.48	0.37	1
679	☐	34	3.00	17.48	0.07	28.44	ceeds Capac	0 - 00:15 hrs	4.04	4.27	1.63	1.00	-10.96	2.94	3.00	23.74	23.74	23.78	0.79	0.65	61
680	☐	340	3.00	37.05	0.31	47.53	ceeds Capac	0 - 09:59 hrs	6.72	6.72	1.28	1.00	-10.48	3.73	3.00	0.64	0.64	0.70	0.55	0.55	2
681	☐	341	2.25	31.37	1.03	21.11	Backwater	0 - 10:17 hrs	5.31	6.30	0.67	1.00	10.26	1.64	2.25	0.68	0.68	0.71	0.00	0.08	1
682	☐	342	4.00	87.19	1.06	178.70	Free Surface	0 - 10:04 hrs	14.36	14.36	2.05	0.97	-91.51	11.83	4.00	0.00	0.43	0.00	0.72	0.00	0
683	☐	343	3.00	60.48	0.82	76.73	ceeds Capac	0 - 09:57 hrs	10.89	10.89	1.27	1.00	-16.25	6.86	3.00	0.26	0.36	0.26	0.46	0.26	0
684	☐	344	3.00	48.98	0.54	47.35	Backwater	0 - 09:55 hrs	7.10	7.47	0.97	1.00	1.63	5.16	3.00	0.28	0.28	0.36	0.00	0.00	0
685	☐	345	3.00	53.10	0.63	32.71	Free Surface	0 - 10:00 hrs	5.04	6.14	0.62	0.87	20.39	3.17	3.00	0.00	0.00	0.28	0.00	0.00	0
686	☐	347	5.00	163.50	1.13	203.07	Free Surface	0 - 09:59 hrs	12.94	12.94	1.24	0.75	-39.57	19.12	5.00	0.00	0.52	0.00	0.59	0.00	0

FUTURE CONDITIONS 20-YR 24-HR CONDUITS

		ID	Full Depth (ft)	Full Flow (cfs)	Percent Slope (%)	Maximum Flow (cfs)	Maximum Flow Class	Max.Flow Day-Time (day-time)	Velocity at Maximum Flow (ft/s)	Maximum Velocity (ft/s)	Max.Flow/Fu ll Flow	Max.Depth/F ull Depth	Reserve Capacity (cfs)	Total Flow Volume (MG)	Maximum Top Width (ft)	Both End Surcharge Time (hrs)	Upstream Surcharge Time (hrs)	Downstream Surcharge Time (hrs)	Above Full-Flow Time (hrs)	Capacity Limited Time (hrs)	Instability Index
687	☐	348	3.50	55.39	0.87	79.13	ceeds Capac	0 - 09:53 hrs	8.27	8.29	1.43	1.00	-23.74	7.92	3.50	0.64	0.76	0.64	0.96	0.64	1
688	☐	349	2.25	29.68	0.92	39.44	ceeds Capac	0 - 09:52 hrs	10.04	10.04	1.33	1.00	-9.76	4.37	2.25	0.65	0.94	0.65	1.03	0.65	2
689	☐	35	4.50	82.26	0.18	91.39	ceeds Capac	0 - 09:59 hrs	5.75	5.75	1.11	1.00	-9.13	16.27	4.50	15.39	15.39	15.95	0.35	0.40	55
690	☐	350	1.50	14.96	2.70	7.62	Backwater	0 - 09:52 hrs	4.33	4.38	0.51	1.00	7.34	0.00	1.50	0.84	0.84	0.96	0.00	0.00	7
691	☐	351	3.50	57.28	0.93	79.11	ceeds Capac	0 - 09:53 hrs	8.22	8.22	1.38	1.00	-21.83	7.94	3.50	0.76	0.85	0.76	0.92	0.76	1
692	☐	352	3.50	96.03	0.91	104.61	ceeds Capac	0 - 10:06 hrs	10.87	10.87	1.09	1.00	-8.58	8.25	3.50	0.85	0.85	0.86	0.22	0.27	1
693	☐	353	4.50	152.34	0.60	166.38	ceeds Capac	0 - 10:06 hrs	10.46	10.46	1.09	1.00	-14.04	17.57	4.50	0.54	0.54	0.69	0.46	0.43	0
694	☐	354	3.50	84.00	2.00	81.55	Backwater	0 - 09:52 hrs	8.54	8.54	0.97	1.00	2.45	7.90	3.50	0.64	0.64	0.67	0.00	0.03	2
695	☐	355	3.50	50.22	0.25	57.47	ceeds Capac	0 - 09:59 hrs	5.97	6.14	1.14	1.00	-7.25	5.35	3.46	1.54	1.54	23.96	0.59	0.58	7
696	☐	356	3.50	85.20	0.72	57.49	Backwater	0 - 09:59 hrs	5.98	5.98	0.67	1.00	27.71	5.34	3.36	1.25	1.28	1.54	0.00	0.10	12
697	☐	357	3.50	68.50	0.46	46.74	Backwater	0 - 10:22 hrs	4.86	4.86	0.68	1.00	21.76	4.42	3.47	0.96	0.96	1.28	0.00	0.00	12
698	☐	358	3.00	50.05	0.56	46.75	Backwater	0 - 10:22 hrs	6.61	6.61	0.93	1.00	3.30	4.41	2.99	0.92	0.92	0.99	0.00	0.08	8
699	☐	359	3.00	30.13	0.20	50.00	ceeds Capac	0 - 09:59 hrs	7.07	7.07	1.66	1.00	-19.87	4.52	3.00	0.92	0.93	0.92	0.95	0.90	7
700	☐	360	3.00	13.51	0.04	50.02	ceeds Capac	0 - 09:59 hrs	7.08	7.08	3.70	1.00	-36.51	4.52	3.00	0.87	0.94	0.87	2.45	0.87	6
701	☐	361	3.00	18.72	0.08	49.99	ceeds Capac	0 - 09:59 hrs	7.07	7.07	2.67	1.00	-31.28	4.52	3.00	0.87	0.90	0.87	1.48	0.78	6
702	☐	362	3.00	33.26	0.25	50.01	ceeds Capac	0 - 09:59 hrs	7.08	7.08	1.50	1.00	-16.76	4.52	3.00	0.89	0.89	0.90	0.85	0.80	4
703	☐	363	3.00	48.85	0.54	38.77	Backwater	0 - 10:22 hrs	5.48	5.48	0.79	1.00	10.08	3.57	3.00	0.73	0.73	0.89	0.00	0.00	3
704	☐	364	2.25	19.82	0.41	21.13	ceeds Capac	0 - 10:17 hrs	5.31	5.31	1.07	1.00	-1.31	1.64	2.25	0.71	0.71	0.72	0.05	0.30	1
705	☐	365	3.00	59.70	0.80	47.52	Backwater	0 - 09:59 hrs	6.72	7.29	0.80	1.00	12.17	3.73	3.00	0.61	0.62	0.64	0.00	0.09	2
706	☐	366	2.25	31.61	1.04	31.93	ceeds Capac	0 - 10:07 hrs	8.03	8.44	1.01	1.00	-0.32	1.85	2.25	0.46	0.46	0.68	0.20	0.21	0
707	☐	367	2.00	35.55	2.47	39.72	ceeds Capac	0 - 10:03 hrs	12.64	12.64	1.12	1.00	-4.17	1.88	2.00	0.26	0.26	0.47	0.15	0.15	0
708	☐	368	2.00	4.64	0.12	0.00	Backwater	0 - 00:00 hrs	0.00	0.00	0.00	1.00	4.64	0.00	0.78	13.98	13.98	24.00	0.00	0.00	0
709	☐	37	3.50	46.74	0.22	24.56	Backwater	0 - 09:41 hrs	2.55	2.82	0.53	1.00	22.18	8.06	3.50	20.20	20.20	20.53	0.00	0.00	20
710	☐	370	5.00	99.99	0.42	372.50	ceeds Capac	0 - 10:03 hrs	18.97	18.97	3.73	1.00	-272.51	31.01	5.00	14.28	14.30	14.28	2.44	2.63	70
711	☐	372	3.00	91.62	1.89	98.87	ceeds Capac	0 - 09:59 hrs	13.99	13.99	1.08	1.00	-7.25	9.42	3.00	14.10	14.10	14.65	0.27	0.27	60
712	☐	373	3.00	102.13	2.34	98.84	Backwater	0 - 09:59 hrs	13.98	15.94	0.97	1.00	3.29	9.43	3.00	1.16	1.16	14.10	0.00	0.00	61
713	☐	374	3.00	94.52	2.01	8.40	Backwater	0 - 09:56 hrs	1.40	1.70	0.09	1.00	86.12	0.00	3.00	0.22	0.22	1.03	0.00	0.00	3
714	☐	375	3.00	83.84	1.58	98.88	ceeds Capac	0 - 09:59 hrs	13.99	14.35	1.18	1.00	-15.03	9.44	3.00	0.66	0.66	0.98	0.43	0.41	2
715	☐	376	3.00	76.52	1.32	98.85	ceeds Capac	0 - 09:59 hrs	13.98	13.98	1.29	1.00	-22.33	9.45	3.00	0.62	0.64	0.64	0.60	0.55	1
716	☐	377	3.00	59.36	0.79	81.82	ceeds Capac	0 - 09:56 hrs	11.57	11.57	1.38	1.00	-22.45	8.72	3.00	0.63	0.67	0.63	0.81	0.63	2
717	☐	378	2.00	70.66	9.76	32.56	Backwater	0 - 09:59 hrs	10.36	11.35	0.46	1.00	38.11	1.54	2.00	0.24	0.24	0.78	0.00	0.00	0
718	☐	379	2.00	37.37	2.73	32.56	Free Surface	0 - 09:59 hrs	10.71	13.34	0.87	0.96	4.81	1.54	2.00	0.00	0.00	0.17	0.00	0.00	0
719	☐	38	6.00	182.12	0.18	146.18	Backwater	0 - 09:59 hrs	5.17	5.17	0.80	1.00	35.94	9.09	5.68	20.57	20.57	24.00	0.00	0.00	10
720	☐	380	3.00	76.52	1.32	62.73	Backwater	0 - 10:18 hrs	8.87	10.64	0.82	1.00	13.79	7.19	3.00	0.53	0.53	0.58	0.00	0.00	1
721	☐	381	3.00	49.13	0.54	63.71	ceeds Capac	0 - 09:55 hrs	9.13	9.23	1.30	1.00	-14.57	7.19	3.00	0.52	0.55	0.52	0.65	0.43	1
722	☐	382	3.00	62.05	0.87	63.53	ceeds Capac	0 - 09:55 hrs	9.28	9.28	1.02	1.00	-1.48	7.23	3.00	0.49	0.49	0.55	0.07	0.05	0
723	☐	383	3.00	85.38	1.64	68.52	Backwater	0 - 10:00 hrs	9.69	11.40	0.80	1.00	16.86	7.30	3.00	0.42	0.42	0.49	0.00	0.00	1
724	☐	384	3.00	104.54	2.46	68.54	Backwater	0 - 10:00 hrs	9.70	15.03	0.66	1.00	36.01	7.30	3.00	0.32	0.32	0.41	0.00	0.00	1
725	☐	385	3.00	50.03	0.56	32.57	Free Surface	0 - 09:57 hrs	7.45	7.46	0.65	0.66	17.46	3.17	3.00	0.00	0.00	0.00	0.00	0.00	0
726	☐	39	3.50	48.16	0.23	74.59	ceeds Capac	0 - 09:59 hrs	7.75	7.75	1.55	1.00	-26.43	3.94	3.50	0.61	0.61	0.70	0.27	0.27	1
727	☐	390	1.25	2.03	0.13	6.10	ceeds Capac	0 - 09:41 hrs	5.04	5.04	3.00	1.00	-4.06	1.14	1.25	1.43	4.52	1.43	6.35	1.43	10
728	☐	391	2.25	17.40	0.32	24.02	ceeds Capac	0 - 10:03 hrs	6.04	6.04	1.38	1.00	-6.62	1.92	2.25	0.65	0.65	0.67	0.62	0.61	2
729	☐	392	2.50	29.40	0.51	24.01	Backwater	0 - 10:03 hrs	4.89	5.09	0.82	1.00	5.39	1.92	2.50	0.61	0.61	0.97	0.00	0.00	3
730	☐	393	2.00	11.57	0.26	11.20	Backwater	0 - 09:59 hrs	3.56	3.56	0.97	1.00	0.37	0.44	2.00	1.04	1.04	1.31	0.00	0.04	3
731	☐	394	2.25	13.41	0.19	24.00	ceeds Capac	0 - 10:00 hrs	6.04	6.04	1.79	1.00	-10.59	1.92	2.25	0.65	0.66	0.65	0.89	0.65	1
732	☐	395	2.00	14.37	0.40	22.80	ceeds Capac	0 - 09:59 hrs	7.26	7.98	1.59	1.00	-8.43	1.03	2.00	0.67	0.72	0.82	0.31	0.23	1
733	☐	396	4.00	142.14	0.98	50.45	Free Surface	0 - 10:04 hrs	10.41	10.41	0.35	0.41	91.69	2.33	3.93	0.00	0.00	0.00	0.00	0.00	0
734	☐	397	4.00	76.44	0.81	72.86	Free Surface	0 - 09:57 hrs	8.14	8.23	0.95	0.67	3.57	6.86	4.00	0.00	0.00	0.00	0.00	0.00	0
735	☐	398	4.00	210.07	2.14	124.98	Free Surface	0 - 10:04 hrs	11.92	11.92	0.59	0.78	85.09	9.40	4.00	0.00	0.00	0.43	0.00	0.00	0

FUTURE CONDITIONS 20-YR 24-HR CONDUITS

		ID	Full Depth (ft)	Full Flow (cfs)	Percent Slope (%)	Maximum Flow (cfs)	Maximum Flow Class	Max.Flow Day-Time (day-time)	Velocity at Maximum Flow (ft/s)	Maximum Velocity (ft/s)	Max.Flow/Fu ll Flow	Max.Depth/F ull Depth	Reserve Capacity (cfs)	Total Flow Volume (MG)	Maximum Top Width (ft)	Both End Surcharge Time (hrs)	Upstream Surcharge Time (hrs)	Downstream Surcharge Time (hrs)	Above Full-Flow Time (hrs)	Capacity Limited Time (hrs)	Instability Index
736	☐	399	4.00	152.58	1.13	50.21	Free Surface	0 - 10:04 hrs	10.88	10.88	0.33	0.39	102.37	2.33	4.00	0.00	0.00	0.00	0.00	0.00	0
737	☐	4	3.50	17.13	0.03	147.21	ceeds Capac	0 - 00:00 hrs	15.31	15.31	8.60	1.00	-130.09	7.85	1.37	23.99	23.99	24.00	4.27	5.76	79
738	☐	40	4.50	118.51	0.36	128.17	ceeds Capac	0 - 09:55 hrs	8.06	8.61	1.08	1.00	-9.67	30.70	4.50	2.58	2.58	2.81	0.02	0.03	7
739	☐	400	2.00	25.79	1.30	27.92	Free Surface	0 - 09:59 hrs	9.69	9.69	1.08	0.86	-2.13	1.18	2.00	0.00	0.00	0.00	0.06	0.00	0
740	☐	401	2.00	31.16	1.90	28.22	Free Surface	0 - 09:59 hrs	10.50	10.52	0.91	0.80	2.94	1.25	2.00	0.00	0.00	0.00	0.00	0.00	0
741	☐	402	2.00	37.59	2.76	28.31	Free Surface	0 - 09:59 hrs	13.14	13.14	0.75	0.65	9.28	1.25	2.00	0.00	0.00	0.00	0.00	0.00	0
742	☐	403	2.00	35.69	2.49	27.86	Free Surface	0 - 09:59 hrs	10.75	10.75	0.78	0.77	7.84	1.25	2.00	0.00	0.00	0.00	0.00	0.00	0
743	☐	404	2.25	41.01	1.75	0.49	Backwater	0 - 09:52 hrs	0.13	0.13	0.01	1.00	40.52	0.00	2.25	1.32	1.32	2.59	0.00	0.00	9
744	☐	405	2.25	24.41	0.62	38.26	ceeds Capac	0 - 09:53 hrs	9.62	9.62	1.57	1.00	-13.85	3.65	2.25	5.44	5.44	6.73	0.95	0.82	18
745	☐	406	4.00	93.22	0.42	166.67	ceeds Capac	0 - 09:56 hrs	13.26	13.26	1.79	1.00	-73.45	17.39	4.00	0.88	0.90	0.89	0.87	0.69	4
746	☐	407	4.50	109.82	0.31	166.65	ceeds Capac	0 - 09:56 hrs	10.48	10.48	1.52	1.00	-56.83	17.39	4.50	0.82	0.83	0.85	0.48	0.44	3
747	☐	408	4.50	147.35	0.56	166.59	ceeds Capac	0 - 09:56 hrs	10.47	10.47	1.13	1.00	-19.23	17.39	4.50	0.87	0.87	0.93	0.02	0.02	4
748	☐	409	5.00	77.24	0.09	166.67	ceeds Capac	0 - 09:56 hrs	8.49	8.49	2.16	1.00	-89.42	17.38	5.00	0.86	0.86	0.86	1.17	0.72	4
749	☐	41	5.00	152.20	0.34	189.45	ceeds Capac	0 - 11:10 hrs	9.80	9.91	1.24	1.00	-37.25	35.58	5.00	1.23	1.49	1.23	2.64	1.23	6
750	☐	410	5.00	176.19	0.46	166.99	Backwater	0 - 09:56 hrs	8.50	8.50	0.95	1.00	9.21	17.38	5.00	0.86	0.86	0.91	0.00	0.00	4
751	☐	411	5.50	215.45	0.41	248.80	ceeds Capac	0 - 09:56 hrs	10.47	10.98	1.15	1.00	-33.35	28.60	5.50	0.88	0.88	1.00	0.04	0.04	3
752	☐	412	5.50	310.04	0.85	249.22	Backwater	0 - 09:56 hrs	10.49	10.97	0.80	1.00	60.82	28.61	5.50	0.99	1.00	1.01	0.00	0.19	4
753	☐	413	5.50	184.15	0.30	211.27	ceeds Capac	0 - 10:03 hrs	8.89	9.17	1.15	1.00	-27.12	28.57	5.50	1.04	1.04	1.09	0.52	0.48	3
754	☐	414	2.00	31.58	5.58	15.02	Backwater	0 - 09:59 hrs	4.78	5.17	0.48	1.00	16.56	0.62	2.00	0.67	0.67	2.96	0.00	0.00	3
755	☐	415	2.00	9.34	0.49	15.02	ceeds Capac	0 - 09:59 hrs	4.78	5.64	1.61	1.00	-5.68	0.63	2.00	0.64	0.64	0.67	0.27	0.23	3
756	☐	416	4.00	115.59	0.55	130.60	ceeds Capac	0 - 09:59 hrs	10.39	10.39	1.13	1.00	-15.01	8.56	3.99	5.18	5.18	5.55	0.16	0.15	20
757	☐	417	4.00	25.10	0.03	130.56	ceeds Capac	0 - 09:59 hrs	10.39	10.39	5.20	1.00	-105.46	8.56	4.00	4.99	4.99	4.99	2.41	2.72	20
758	☐	418	4.50	136.92	0.48	168.89	ceeds Capac	0 - 09:56 hrs	10.62	10.62	1.23	1.00	-31.97	8.77	4.50	0.51	0.51	0.60	0.21	0.19	1
759	☐	419	2.00	29.93	1.75	116.04	ceeds Capac	0 - 13:36 hrs	66.88	71.34	3.88	1.00	-86.11	8.44	2.00	3.03	3.74	3.24	3.75	2.70	0
760	☐	42	4.00	50.70	0.12	93.77	ceeds Capac	0 - 12:27 hrs	7.50	7.88	1.85	1.00	-43.07	24.45	4.00	2.56	2.65	2.56	5.64	2.03	7
761	☐	420	3.00	95.63	2.06	27.09	Backwater	0 - 10:07 hrs	3.83	3.83	0.28	1.00	68.54	0.11	3.00	0.67	0.67	0.77	0.00	0.00	3
762	☐	421	3.00	132.41	3.94	59.45	Backwater	0 - 14:14 hrs	17.43	17.43	0.45	1.00	72.97	8.47	3.00	0.45	0.45	0.75	0.00	0.00	1
763	☐	422	4.50	135.52	0.47	166.77	ceeds Capac	0 - 09:56 hrs	10.49	10.49	1.23	1.00	-31.25	17.39	4.50	0.80	0.80	0.83	0.05	0.06	3
764	☐	423	4.50	147.25	0.56	160.63	ceeds Capac	0 - 09:56 hrs	10.10	10.31	1.09	1.00	-13.38	17.13	4.50	0.62	0.62	0.78	0.02	0.02	2
765	☐	424	4.50	144.21	0.54	90.40	Backwater	0 - 09:56 hrs	6.04	7.13	0.63	1.00	53.81	10.40	4.50	0.83	0.83	0.97	0.00	0.00	3
766	☐	425	2.00	10.86	0.23	35.51	ceeds Capac	0 - 09:53 hrs	11.30	11.30	3.27	1.00	-24.64	2.80	2.00	0.44	1.14	0.44	1.53	0.44	1
767	☐	426	1.75	6.48	0.22	9.26	ceeds Capac	0 - 10:56 hrs	3.85	3.85	1.43	1.00	-2.78	4.24	1.75	23.80	23.80	23.83	16.10	15.17	99
768	☐	427	1.75	4.84	0.12	7.87	ceeds Capac	0 - 10:30 hrs	3.27	3.27	1.63	1.00	-3.03	0.99	1.75	23.80	23.80	23.89	2.13	2.03	43
769	☐	428	2.00	5.22	0.05	14.26	Backwater	0 - 00:06 hrs	4.87	6.67	2.73	1.00	-9.03	2.12	1.90	23.88	23.88	23.93	0.14	0.00	73
770	☐	429	2.00	12.74	0.32	23.85	Backwater	0 - 00:03 hrs	7.66	9.58	1.87	1.00	-11.11	2.14	1.78	23.95	23.95	23.96	0.08	0.00	79
771	☐	43	3.33	62.69	0.50	62.20	Backwater	0 - 00:00 hrs	7.20	7.20	0.99	1.00	0.49	2.90	1.31	23.95	23.95	24.00	0.00	0.01	1
772	☐	430	4.50	53.26	0.07	69.49	Backwater	0 - 00:08 hrs	6.64	6.74	1.30	1.00	-16.23	6.28	4.50	23.76	23.76	23.88	0.11	0.01	62
773	☐	431	2.00	11.40	0.25	19.32	ceeds Capac	0 - 10:06 hrs	6.15	6.15	1.69	1.00	-7.92	1.08	1.99	23.72	23.72	23.77	0.41	0.42	71
774	☐	432	3.50	20.12	0.04	49.42	ceeds Capac	0 - 09:56 hrs	5.14	6.36	2.46	1.00	-29.30	10.98	3.44	23.90	23.90	23.91	5.13	5.76	74
775	☐	433	3.00	27.27	0.17	32.11	Backwater	0 - 00:06 hrs	6.36	6.53	1.18	1.00	-4.83	6.34	2.85	23.86	23.86	23.90	0.04	0.00	80
776	☐	434	3.00	50.61	0.58	27.12	Backwater	0 - 00:07 hrs	4.81	5.00	0.54	1.00	23.49	6.36	2.99	23.86	23.86	23.86	0.00	0.42	92
777	☐	436	3.00	25.35	0.14	28.46	Backwater	0 - 00:15 hrs	4.03	4.03	1.12	1.00	-3.11	2.92	2.95	23.76	23.76	23.82	0.04	0.00	69
778	☐	437	3.00	30.56	0.21	36.30	ceeds Capac	0 - 10:45 hrs	5.14	5.27	1.19	1.00	-5.73	5.78	3.00	1.29	1.29	1.31	0.71	0.61	1
779	☐	438	3.50	37.58	0.14	59.93	ceeds Capac	0 - 00:03 hrs	6.87	6.87	1.59	1.00	-22.35	10.95	3.32	23.93	23.93	23.94	1.60	1.59	91
780	☐	439	2.50	23.23	0.32	34.43	Backwater	0 - 00:02 hrs	7.10	7.14	1.48	1.00	-11.20	2.16	0.98	23.96	23.96	23.97	0.01	0.00	83
781	☐	44	1.75	9.51	0.48	11.86	ceeds Capac	0 - 09:59 hrs	4.93	4.93	1.25	1.00	-2.35	0.46	1.75	0.25	0.25	0.47	0.14	0.14	0
782	☐	440	2.50	16.98	0.17	62.55	ceeds Capac	0 - 00:01 hrs	12.80	12.80	3.68	1.00	-45.57	2.16	1.91	23.97	23.98	23.97	0.04	0.03	84
783	☐	441	2.50	31.55	0.59	72.32	Backwater	0 - 00:01 hrs	15.65	16.61	2.29	1.00	-40.78	2.18	0.98	23.98	23.98	23.99	0.02	0.00	83
784	☐	442	2.50	18.59	0.21	23.83	ceeds Capac	0 - 00:03 hrs	4.85	6.09	1.28	1.00	-5.24	2.15	2.38	23.96	23.96	23.96	0.02	0.79	84

FUTURE CONDITIONS 20-YR 24-HR CONDUITS

		ID	Full Depth (ft)	Full Flow (cfs)	Percent Slope (%)	Maximum Flow (cfs)	Maximum Flow Class	Max.Flow Day-Time (day-time)	Velocity at Maximum Flow (ft/s)	Maximum Velocity (ft/s)	Max.Flow/Fu ll Flow	Max.Depth/F ull Depth	Reserve Capacity (cfs)	Total Flow Volume (MG)	Maximum Top Width (ft)	Both End Surcharge Time (hrs)	Upstream Surcharge Time (hrs)	Downstream Surcharge Time (hrs)	Above Full-Flow Time (hrs)	Capacity Limited Time (hrs)	Instability Index
785	☐	443	2.00	10.73	0.23	16.94	Backwater	0 - 00:04 hrs	5.40	7.04	1.58	1.00	-6.21	2.13	1.97	23.93	23.93	23.95	0.07	0.00	69
786	☐	444	4.00	95.28	0.44	30.77	Backwater	0 - 00:04 hrs	3.33	3.44	0.32	1.00	64.51	1.33	3.93	23.72	23.72	23.94	0.00	0.00	100
787	☐	445	4.00	100.14	0.49	55.50	Backwater	0 - 00:02 hrs	4.83	4.92	0.55	1.00	44.64	1.30	3.63	23.93	23.93	23.97	0.00	0.00	107
788	☐	446	2.00	22.65	1.00	22.36	Backwater	0 - 09:59 hrs	7.12	7.12	0.99	1.00	0.29	0.90	1.53	0.97	0.97	23.98	0.00	0.00	74
789	☐	447	2.00	22.23	0.97	28.44	ceeds Capac	0 - 00:00 hrs	9.18	9.18	1.28	1.00	-6.21	0.89	0.78	23.98	23.98	23.99	0.01	0.01	71
790	☐	448	2.00	26.24	1.35	59.75	Backwater	0 - 00:00 hrs	19.02	19.02	2.28	1.00	-33.51	0.89	0.78	23.99	23.99	23.99	0.00	0.00	85
791	☐	449	5.00	57.62	0.05	383.68	ceeds Capac	0 - 00:00 hrs	19.54	19.54	6.66	1.00	-326.07	20.55	1.96	23.99	23.99	24.00	3.28	3.09	57
792	☐	45	1.75	9.69	0.50	11.86	ceeds Capac	0 - 09:59 hrs	4.93	4.93	1.22	1.00	-2.17	0.46	1.75	0.18	0.18	0.22	0.15	0.13	0
793	☐	450	5.00	158.38	0.37	176.65	ceeds Capac	0 - 00:02 hrs	9.13	9.24	1.12	1.00	-18.26	19.66	1.96	23.96	23.96	23.99	0.20	0.15	21
794	☐	451	5.00	105.80	0.17	126.11	ceeds Capac	0 - 10:26 hrs	6.42	6.42	1.19	1.00	-20.31	16.40	4.77	23.93	23.93	23.94	0.92	0.82	87
795	☐	452	5.00	99.96	0.15	111.07	ceeds Capac	0 - 10:26 hrs	5.66	5.66	1.11	1.00	-11.11	14.79	4.97	4.48	4.48	23.40	0.81	0.70	25
796	☐	453	5.00	122.14	0.22	111.09	Backwater	0 - 10:26 hrs	5.66	5.66	0.91	1.00	11.05	14.85	4.97	2.48	2.48	4.48	0.00	0.03	14
797	☐	454	5.00	111.77	0.18	111.08	Backwater	0 - 10:26 hrs	5.66	5.66	0.99	1.00	0.69	14.69	4.98	23.77	23.77	23.87	0.00	0.11	73
798	☐	455	5.00	134.73	0.27	126.09	Backwater	0 - 10:26 hrs	6.42	6.42	0.94	1.00	8.63	16.46	5.00	23.85	23.85	23.93	0.00	0.02	80
799	☐	456	2.00	22.05	0.95	15.76	Backwater	0 - 10:30 hrs	5.02	5.02	0.71	1.00	6.29	1.84	1.87	23.85	23.85	23.93	0.00	0.00	82
800	☐	457	2.00	8.44	0.14	15.76	Backwater	0 - 10:30 hrs	5.02	5.02	1.87	1.00	-7.32	1.84	2.00	23.84	23.85	23.85	1.32	6.17	80
801	☐	458	2.00	12.96	0.33	15.78	ceeds Capac	0 - 10:30 hrs	5.02	5.02	1.22	1.00	-2.81	1.85	2.00	23.39	23.39	23.84	0.80	0.77	68
802	☐	459	2.00	16.25	0.52	15.77	Backwater	0 - 10:30 hrs	5.02	5.02	0.97	1.00	0.48	1.85	1.99	3.68	3.68	23.52	0.00	0.02	46
803	☐	46	1.50	1.02	0.01	7.01	Backwater	0 - 09:41 hrs	3.97	3.97	6.86	1.00	-5.99	1.22	1.50	3.08	3.08	3.42	17.50	0.00	13
804	☐	460	2.00	29.83	1.74	2.60	Backwater	0 - 09:48 hrs	0.84	0.98	0.09	1.00	27.23	0.00	2.00	0.91	0.91	3.13	0.00	0.00	9
805	☐	461	3.50	29.22	0.08	67.65	ceeds Capac	0 - 00:03 hrs	7.21	7.51	2.32	1.00	-38.43	10.89	1.37	23.94	23.94	24.00	2.59	2.47	87
806	☐	462	1.50	6.06	0.44	11.22	Free Surface	0 - 09:57 hrs	6.50	6.50	1.85	0.94	-5.16	0.46	1.50	0.00	0.33	0.00	0.38	0.00	0
807	☐	463	2.50	36.88	0.81	34.84	Backwater	0 - 10:00 hrs	7.10	7.10	0.94	1.00	2.04	7.16	0.98	23.80	23.80	24.00	0.00	0.00	0
808	☐	464	1.25	3.58	0.41	7.09	ceeds Capac	0 - 09:48 hrs	5.77	5.77	1.98	1.00	-3.51	0.87	1.15	2.46	2.46	23.95	1.57	1.57	4
809	☐	465	1.50	5.14	0.32	7.09	ceeds Capac	0 - 09:48 hrs	4.01	6.34	1.38	1.00	-1.95	0.87	1.36	23.95	23.95	23.97	1.04	1.10	81
810	☐	466	1.75	11.91	0.75	19.33	Backwater	0 - 00:01 hrs	9.86	10.84	1.62	1.00	-7.42	0.86	0.69	23.96	23.96	23.99	0.00	0.00	84
811	☐	467	5.00	135.22	0.27	183.05	ceeds Capac	0 - 00:00 hrs	9.39	9.39	1.35	1.00	-47.83	14.20	1.96	23.98	23.98	24.00	0.28	0.27	46
812	☐	468	5.00	158.88	0.37	159.31	ceeds Capac	0 - 10:04 hrs	8.11	8.11	1.00	1.00	-0.43	13.37	3.83	1.01	1.01	23.98	0.00	0.01	33
813	☐	469	5.00	123.46	0.22	96.82	Backwater	0 - 10:04 hrs	4.93	5.44	0.78	1.00	26.64	5.23	4.98	0.51	0.51	1.01	0.00	0.00	1
814	☐	47	1.50	5.97	0.43	7.02	ceeds Capac	0 - 09:41 hrs	3.97	3.97	1.17	1.00	-1.04	1.22	1.50	2.71	2.71	3.42	0.31	0.39	9
815	☐	470	5.00	124.54	0.23	96.88	Backwater	0 - 10:04 hrs	4.93	4.93	0.78	1.00	27.66	5.28	5.00	0.34	0.34	0.51	0.00	0.00	1
816	☐	471	5.00	115.86	0.20	96.88	Backwater	0 - 10:04 hrs	4.93	4.93	0.84	1.00	18.97	5.29	5.00	0.26	0.26	0.34	0.00	0.00	0
817	☐	472	5.00	123.91	0.23	96.84	Backwater	0 - 10:04 hrs	4.93	4.93	0.78	1.00	27.07	5.31	5.00	0.18	0.18	0.26	0.00	0.00	0
818	☐	473	5.00	130.84	0.25	96.85	Backwater	0 - 10:04 hrs	4.93	5.43	0.74	1.00	33.99	5.32	5.00	0.12	0.12	0.18	0.00	0.00	0
819	☐	474	5.00	170.10	0.43	96.80	Backwater	0 - 10:04 hrs	4.93	7.48	0.57	1.00	73.30	5.32	5.00	0.03	0.03	0.11	0.00	0.00	0
820	☐	475	4.00	173.56	1.46	50.56	Free Surface	0 - 10:06 hrs	5.51	7.17	0.29	0.68	123.01	3.04	4.00	0.00	0.00	0.13	0.00	0.00	0
821	☐	476	1.50	5.57	0.37	5.29	Free Surface	0 - 09:59 hrs	4.15	4.15	0.95	0.68	0.28	0.18	1.50	0.00	0.00	0.00	0.00	0.00	0
822	☐	477	2.25	19.58	0.40	11.53	Free Surface	0 - 10:06 hrs	4.10	4.12	0.59	0.67	8.06	0.48	2.25	0.00	0.00	0.00	0.00	0.00	0
823	☐	478	2.25	14.15	0.21	11.53	Free Surface	0 - 10:04 hrs	4.52	4.52	0.82	0.61	2.61	0.48	2.25	0.00	0.00	0.00	0.00	0.00	0
824	☐	479	2.00	14.09	0.39	11.68	Free Surface	0 - 09:59 hrs	4.86	4.88	0.83	0.74	2.42	0.48	2.00	0.00	0.00	0.00	0.00	0.00	0
825	☐	48	1.50	6.12	0.45	7.01	ceeds Capac	0 - 09:41 hrs	3.97	3.97	1.15	1.00	-0.90	1.22	1.50	2.55	2.55	2.71	0.06	0.18	9
826	☐	480	2.50	81.05	3.90	101.32	Backwater	0 - 00:00 hrs	20.64	20.64	1.25	1.00	-20.27	0.63	0.98	23.99	23.99	24.00	0.01	0.01	0
827	☐	481	2.50	25.25	0.38	33.60	Backwater	0 - 00:01 hrs	6.85	6.85	1.33	1.00	-8.35	0.65	0.98	23.99	23.99	23.99	0.01	0.00	0
828	☐	482	2.50	17.00	0.17	15.98	Free Surface	0 - 10:04 hrs	3.71	3.71	0.94	0.82	1.02	0.66	2.45	0.00	0.00	0.00	0.00	0.00	0
829	☐	483	2.00	10.45	0.21	2.64	Free Surface	0 - 10:04 hrs	1.74	1.77	0.25	0.49	7.80	0.10	2.00	0.00	0.00	0.00	0.00	0.00	0
830	☐	484	2.00	8.30	0.13	2.77	Free Surface	0 - 09:59 hrs	2.74	2.74	0.33	0.36	5.53	0.10	1.92	0.00	0.00	0.00	0.00	0.00	0
831	☐	485	2.00	12.80	0.32	2.78	Free Surface	0 - 09:59 hrs	3.41	3.41	0.22	0.31	10.02	0.10	1.90	0.00	0.00	0.00	0.00	0.00	0
832	☐	486	2.50	14.24	0.12	12.04	Backwater	0 - 10:59 hrs	2.45	2.45	0.85	1.00	2.20	2.17	2.48	11.86	11.86	23.66	0.00	0.00	31
833	☐	487	2.50	16.70	0.17	12.03	Backwater	0 - 10:59 hrs	2.45	2.69	0.72	1.00	4.67	2.16	2.47	23.66	23.66	23.79	0.00	0.00	39

FUTURE CONDITIONS 20-YR 24-HR CONDUITS

		ID	Full Depth (ft)	Full Flow (cfs)	Percent Slope (%)	Maximum Flow (cfs)	Maximum Flow Class	Max.Flow Day-Time (day-time)	Velocity at Maximum Flow (ft/s)	Maximum Velocity (ft/s)	Max.Flow/Fu ll Flow	Max.Depth/F ull Depth	Reserve Capacity (cfs)	Total Flow Volume (MG)	Maximum Top Width (ft)	Both End Surcharge Time (hrs)	Upstream Surcharge Time (hrs)	Downstream Surcharge Time (hrs)	Above Full-Flow Time (hrs)	Capacity Limited Time (hrs)	Instability Index
834	☐	488	2.75	36.58	0.48	21.09	Backwater	0 - 00:08 hrs	4.28	4.28	0.58	1.00	15.49	6.38	2.73	11.93	11.93	23.86	0.00	0.00	64
835	☐	489	2.50	54.60	1.77	33.22	Backwater	0 - 10:03 hrs	6.77	6.77	0.61	1.00	21.38	2.79	2.50	0.44	0.44	3.16	0.00	0.00	2
836	☐	49	1.50	4.88	0.29	6.00	ceeds Capac	0 - 09:42 hrs	3.45	3.46	1.23	1.00	-1.12	1.06	1.50	1.50	1.61	1.50	1.29	0.86	2
837	☐	490	2.50	19.57	0.23	33.22	ceeds Capac	0 - 10:00 hrs	6.77	6.77	1.70	1.00	-13.65	2.79	2.50	3.37	3.37	5.57	0.77	0.77	13
838	☐	491	2.50	34.82	0.72	35.31	Backwater	0 - 09:53 hrs	7.50	8.11	1.01	1.00	-0.49	2.79	2.50	0.37	0.37	0.43	0.01	0.00	2
839	☐	492	2.75	20.10	0.14	23.28	Backwater	0 - 00:16 hrs	4.24	4.96	1.16	1.00	-3.18	1.91	2.75	23.69	23.69	23.75	0.03	0.00	44
840	☐	493	2.50	15.14	0.14	16.92	Backwater	0 - 00:18 hrs	3.45	3.50	1.12	1.00	-1.77	1.94	2.46	23.69	23.69	23.69	0.01	0.14	65
841	☐	494	2.50	29.34	0.51	19.33	Backwater	0 - 09:56 hrs	3.94	4.91	0.66	1.00	10.02	2.27	2.34	10.23	10.23	23.69	0.00	0.00	65
842	☐	495	2.50	15.51	0.14	19.33	ceeds Capac	0 - 09:56 hrs	3.94	3.94	1.25	1.00	-3.82	2.28	2.35	4.81	4.81	10.21	0.83	0.83	27
843	☐	496	2.50	16.43	0.16	19.33	ceeds Capac	0 - 10:00 hrs	3.94	3.94	1.18	1.00	-2.90	2.29	2.42	3.60	3.60	4.81	0.78	0.77	21
844	☐	497	2.00	8.96	0.16	19.31	ceeds Capac	0 - 09:53 hrs	6.15	6.15	2.16	1.00	-10.35	2.29	1.94	5.23	5.23	9.56	1.57	1.66	14
845	☐	498	2.00	10.99	0.24	19.30	ceeds Capac	0 - 09:52 hrs	6.14	6.14	1.76	1.00	-8.31	2.30	2.00	2.56	2.56	3.72	1.24	1.24	9
846	☐	499	2.00	3.76	0.03	19.41	ceeds Capac	0 - 10:12 hrs	6.18	6.18	5.16	1.00	-15.65	2.30	2.00	2.56	2.64	2.56	5.61	2.37	11
847	☐	5	3.50	25.27	0.06	99.34	ceeds Capac	0 - 00:00 hrs	11.07	11.40	3.93	1.00	-74.07	7.85	1.37	23.98	23.98	23.99	2.42	2.92	74
848	☐	50	1.25	2.68	0.23	6.38	ceeds Capac	0 - 09:42 hrs	5.20	5.20	2.38	1.00	-3.70	1.06	1.25	1.96	3.30	1.96	4.34	1.96	7
849	☐	500	2.00	18.66	0.68	23.24	ceeds Capac	0 - 10:10 hrs	7.40	7.40	1.25	1.00	-4.58	2.37	2.00	1.84	1.84	2.64	0.69	0.70	7
850	☐	501	2.00	8.89	0.15	8.71	Backwater	0 - 10:44 hrs	2.77	2.77	0.98	1.00	0.18	1.29	2.00	23.72	23.72	23.72	0.00	0.60	73
851	☐	502	2.00	5.55	0.06	9.20	ceeds Capac	0 - 00:16 hrs	3.18	3.26	1.66	1.00	-3.65	1.17	1.89	23.72	23.72	23.73	1.36	1.82	64
852	☐	503	2.00	6.16	0.07	14.04	ceeds Capac	0 - 00:15 hrs	4.79	4.79	2.28	1.00	-7.88	1.16	1.99	23.73	23.73	23.75	0.88	0.88	54
853	☐	504	3.00	26.24	0.15	26.43	Backwater	0 - 00:14 hrs	3.81	3.82	1.01	1.00	-0.19	2.16	2.99	23.75	23.75	23.82	0.00	0.01	54
854	☐	505	5.00	97.00	0.14	111.12	Backwater	0 - 00:05 hrs	8.26	8.28	1.15	1.00	-14.12	7.79	4.94	23.86	23.86	23.88	0.02	0.01	79
855	☐	506	5.00	80.21	0.09	129.17	ceeds Capac	0 - 00:04 hrs	7.05	7.26	1.61	1.00	-48.96	7.74	4.76	23.88	23.88	23.92	0.19	0.14	79
856	☐	507	5.00	115.08	0.20	145.63	Backwater	0 - 00:02 hrs	11.64	11.64	1.27	1.00	-30.55	7.64	4.21	23.92	23.92	23.96	0.05	0.00	82
857	☐	508	5.00	83.59	0.10	209.41	Backwater	0 - 00:02 hrs	11.37	12.31	2.51	1.00	-125.83	7.60	4.90	23.96	23.96	23.96	0.10	0.64	90
858	☐	509	2.50	63.09	2.37	53.11	Backwater	0 - 00:00 hrs	10.87	10.87	0.84	1.00	9.98	3.00	0.98	23.99	23.99	24.00	0.00	0.00	72
859	☐	51	1.75	7.88	0.33	8.41	ceeds Capac	0 - 09:37 hrs	3.50	3.50	1.07	1.00	-0.53	2.09	1.75	2.81	2.81	2.89	1.21	0.96	12
860	☐	510	2.00	22.95	1.03	36.38	ceeds Capac	0 - 09:59 hrs	11.58	11.58	1.59	1.00	-13.43	3.00	0.78	23.99	23.99	23.99	0.74	0.74	68
861	☐	511	3.50	25.40	0.06	80.13	ceeds Capac	0 - 00:01 hrs	9.19	9.44	3.15	1.00	-54.73	7.89	2.77	23.97	23.97	23.97	2.40	3.33	86
862	☐	512	2.75	35.59	0.45	72.41	ceeds Capac	0 - 10:03 hrs	12.19	12.19	2.03	1.00	-36.82	7.89	1.08	23.96	23.96	23.97	1.35	1.40	80
863	☐	513	4.50	83.34	0.18	95.64	ceeds Capac	0 - 09:59 hrs	6.01	6.01	1.15	1.00	-12.30	11.08	4.50	1.58	1.58	1.82	0.40	0.39	6
864	☐	514	4.50	114.95	0.34	51.83	Backwater	0 - 10:15 hrs	3.26	4.24	0.45	1.00	63.13	8.28	4.50	1.14	1.14	1.48	0.00	0.00	4
865	☐	515	4.50	70.52	0.13	51.81	Backwater	0 - 10:15 hrs	3.26	3.26	0.73	1.00	18.71	8.27	4.50	1.48	1.48	1.58	0.00	0.00	4
866	☐	516	2.00	10.04	0.20	12.73	ceeds Capac	0 - 10:07 hrs	4.05	4.05	1.27	1.00	-2.69	2.46	2.00	3.75	3.75	4.12	1.71	1.96	14
867	☐	517	2.00	10.35	0.21	12.02	ceeds Capac	0 - 10:32 hrs	3.83	3.83	1.16	1.00	-1.66	2.43	1.98	4.12	4.12	13.75	1.59	1.63	28
868	☐	518	2.00	13.02	0.33	12.02	Backwater	0 - 10:32 hrs	3.83	4.00	0.92	1.00	1.00	2.43	1.88	13.75	13.75	23.88	0.00	0.45	84
869	☐	519	2.00	10.28	0.21	15.00	ceeds Capac	0 - 00:05 hrs	5.26	5.26	1.46	1.00	-4.72	2.42	1.29	23.88	23.88	23.90	1.61	1.61	60
870	☐	52	1.50	6.75	0.55	8.42	ceeds Capac	0 - 09:37 hrs	4.76	4.76	1.25	1.00	-1.67	2.09	1.50	3.21	3.27	3.21	2.71	2.31	13
871	☐	520	3.00	33.74	0.26	42.70	Backwater	0 - 00:04 hrs	6.63	6.63	1.27	1.00	-8.95	2.39	2.99	23.92	23.92	23.95	0.01	0.00	46
872	☐	521	4.00	56.80	0.16	41.83	Backwater	0 - 00:03 hrs	3.33	6.00	0.74	1.00	14.98	1.17	3.98	23.94	23.94	23.94	0.00	2.36	87
873	☐	522	4.00	54.87	0.15	87.20	Backwater	0 - 00:03 hrs	7.10	7.25	1.59	1.00	-32.33	2.29	1.94	23.94	23.94	24.00	0.05	0.01	66
874	☐	523	2.00	11.49	0.26	22.06	ceeds Capac	0 - 00:05 hrs	9.04	9.04	1.92	1.00	-10.56	2.42	1.94	23.90	23.91	23.90	1.38	0.00	66
875	☐	524	3.00	11.29	0.03	28.87	ceeds Capac	0 - 00:05 hrs	4.12	4.12	2.56	1.00	-17.58	2.40	3.00	23.92	23.92	23.92	1.49	1.24	51
876	☐	525	2.00	12.21	0.29	18.05	ceeds Capac	0 - 09:57 hrs	5.75	5.75	1.48	1.00	-5.84	0.98	2.00	0.45	0.45	0.46	0.36	0.34	1
877	☐	526	2.00	12.17	0.29	18.03	ceeds Capac	0 - 10:06 hrs	5.74	5.74	1.48	1.00	-5.86	0.98	2.00	0.46	0.46	0.53	0.35	0.32	1
878	☐	527	2.00	12.44	0.30	18.03	ceeds Capac	0 - 10:00 hrs	5.74	5.74	1.45	1.00	-5.58	0.98	2.00	0.53	0.53	0.57	0.34	0.31	2
879	☐	528	2.00	17.55	0.60	18.03	ceeds Capac	0 - 09:56 hrs	5.74	6.07	1.03	1.00	-0.48	0.98	2.00	0.57	0.57	0.66	0.20	0.17	2
880	☐	529	2.00	25.81	1.30	11.23	Backwater	0 - 09:56 hrs	3.57	3.57	0.43	1.00	14.59	0.92	2.00	1.90	1.90	4.62	0.00	0.00	7
881	☐	53	1.50	3.61	0.16	8.40	ceeds Capac	0 - 09:37 hrs	4.75	4.75	2.33	1.00	-4.79	2.10	1.50	3.27	5.02	3.27	7.37	3.27	9
882	☐	530	2.00	17.69	0.61	18.03	ceeds Capac	0 - 10:03 hrs	5.74	6.04	1.02	1.00	-0.34	0.98	2.00	0.66	0.66	0.84	0.20	0.13	2

FUTURE CONDITIONS 20-YR 24-HR CONDUITS

		ID	Full Depth (ft)	Full Flow (cfs)	Percent Slope (%)	Maximum Flow (cfs)	Maximum Flow Class	Max.Flow Day-Time (day-time)	Velocity at Maximum Flow (ft/s)	Maximum Velocity (ft/s)	Max.Flow/Fu ll Flow	Max.Depth/F ull Depth	Reserve Capacity (cfs)	Total Flow Volume (MG)	Maximum Top Width (ft)	Both End Surcharge Time (hrs)	Upstream Surcharge Time (hrs)	Downstream Surcharge Time (hrs)	Above Full-Flow Time (hrs)	Capacity Limited Time (hrs)	Instability Index
883	☐	531	2.00	19.03	0.71	18.03	Backwater	0 - 10:02 hrs	5.74	5.74	0.95	1.00	1.00	0.98	2.00	0.84	0.84	1.90	0.00	0.00	3
884	☐	532	3.50	40.15	0.16	60.59	ceeds Capac	0 - 09:56 hrs	6.30	6.44	1.51	1.00	-20.44	2.88	3.50	0.19	0.21	0.19	0.34	0.19	1
885	☐	533	2.00	24.99	1.22	33.51	ceeds Capac	0 - 09:56 hrs	10.67	10.67	1.34	1.00	-8.52	1.76	2.00	0.28	0.29	0.29	0.36	0.27	0
886	☐	534	2.00	12.33	0.30	9.47	Backwater	0 - 09:55 hrs	3.80	4.59	0.77	1.00	2.86	0.42	2.00	0.26	0.26	0.27	0.00	0.00	0
887	☐	535	3.25	21.11	0.07	58.73	ceeds Capac	0 - 09:56 hrs	7.08	7.08	2.78	1.00	-37.62	2.84	3.25	0.24	0.25	0.24	0.70	0.18	2
888	☐	536	2.00	23.91	1.12	33.54	ceeds Capac	0 - 09:56 hrs	10.67	10.67	1.40	1.00	-9.62	1.76	2.00	0.28	0.32	0.28	0.38	0.27	0
889	☐	537	2.00	23.37	1.07	33.52	ceeds Capac	0 - 09:56 hrs	10.67	10.67	1.43	1.00	-10.15	1.76	2.00	0.32	0.35	0.32	0.38	0.32	0
890	☐	538	2.00	11.87	0.28	8.64	Backwater	0 - 10:12 hrs	2.90	3.78	0.73	1.00	3.22	0.42	2.00	0.28	0.28	0.31	0.00	0.00	0
891	☐	539	3.50	66.50	0.44	75.63	ceeds Capac	0 - 09:56 hrs	7.86	7.86	1.14	1.00	-9.13	3.49	3.50	0.19	0.19	0.20	0.16	0.12	0
892	☐	54	1.50	4.62	0.26	4.48	Backwater	0 - 09:11 hrs	2.53	2.53	0.97	1.00	0.14	1.18	1.50	4.27	4.27	5.02	0.00	0.04	14
893	☐	540	3.50	58.55	0.34	75.88	ceeds Capac	0 - 09:56 hrs	7.89	7.89	1.30	1.00	-17.32	3.49	3.50	0.20	0.20	0.20	0.24	0.19	0
894	☐	541	2.75	18.57	0.12	16.73	Backwater	0 - 10:55 hrs	2.82	3.15	0.90	1.00	1.84	2.30	2.75	3.67	3.67	3.88	0.00	0.09	17
895	☐	542	2.75	19.78	0.14	11.74	Backwater	0 - 10:45 hrs	1.98	1.98	0.59	1.00	8.04	1.93	2.75	12.95	12.95	14.54	0.00	0.00	51
896	☐	543	5.50	184.06	0.30	211.28	ceeds Capac	0 - 10:03 hrs	8.89	8.89	1.15	1.00	-27.22	28.56	5.50	1.09	1.09	1.14	0.49	0.49	3
897	☐	544	6.00	193.56	0.21	238.45	ceeds Capac	0 - 10:07 hrs	8.43	8.43	1.23	1.00	-44.89	30.05	6.00	1.07	1.07	1.09	0.55	0.58	4
898	☐	545	6.00	251.84	0.35	276.44	ceeds Capac	0 - 10:03 hrs	9.78	9.78	1.10	1.00	-24.60	32.10	6.00	1.09	1.09	1.18	0.27	0.27	3
899	☐	546	6.00	189.54	0.20	229.95	ceeds Capac	0 - 09:56 hrs	8.13	8.13	1.21	1.00	-40.42	31.61	6.00	1.18	1.18	1.19	0.52	0.46	6
900	☐	547	6.00	189.39	0.20	264.42	ceeds Capac	0 - 09:56 hrs	9.36	9.36	1.40	1.00	-75.03	35.24	6.00	1.16	1.19	1.16	1.35	1.15	5
901	☐	548	6.00	229.37	0.29	253.49	ceeds Capac	0 - 09:56 hrs	8.97	9.23	1.11	1.00	-24.12	35.21	6.00	1.16	1.16	1.24	0.02	0.02	5
902	☐	549	4.00	67.40	0.22	93.04	ceeds Capac	0 - 09:56 hrs	7.40	7.40	1.38	1.00	-25.65	6.97	4.00	4.35	4.35	4.99	0.50	0.49	19
903	☐	55	1.50	2.03	0.05	4.49	ceeds Capac	0 - 09:11 hrs	2.54	2.54	2.22	1.00	-2.46	1.18	1.50	4.27	4.31	4.27	7.49	2.97	20
904	☐	550	4.00	67.52	0.22	93.02	ceeds Capac	0 - 09:56 hrs	7.40	7.40	1.38	1.00	-25.49	6.97	4.00	4.10	4.10	4.22	0.50	0.62	20
905	☐	551	3.50	47.42	0.22	92.99	ceeds Capac	0 - 09:56 hrs	9.66	9.66	1.96	1.00	-45.57	6.97	3.50	3.79	3.79	4.44	0.85	0.81	13
906	☐	552	3.50	46.38	0.21	92.95	ceeds Capac	0 - 09:56 hrs	9.66	9.66	2.00	1.00	-46.57	6.97	3.50	3.73	3.73	3.79	0.88	1.24	15
907	☐	553	3.50	44.60	0.20	92.98	ceeds Capac	0 - 09:56 hrs	9.66	9.66	2.08	1.00	-48.38	6.97	3.50	3.50	3.50	3.73	0.92	0.89	14
908	☐	554	2.25	24.27	0.61	38.24	ceeds Capac	0 - 09:53 hrs	9.62	9.62	1.58	1.00	-13.97	3.65	2.25	2.21	2.21	5.44	0.96	0.96	14
909	☐	555	2.00	20.21	0.80	15.19	Backwater	0 - 09:49 hrs	4.84	4.84	0.75	1.00	5.01	1.38	2.00	1.27	1.27	1.66	0.00	0.00	4
910	☐	556	2.25	23.68	0.58	38.24	ceeds Capac	0 - 09:53 hrs	9.62	9.62	1.61	1.00	-14.56	3.65	2.25	1.85	1.85	2.21	0.98	0.95	9
911	☐	557	2.25	21.80	0.50	38.26	ceeds Capac	0 - 09:53 hrs	9.62	9.62	1.76	1.00	-16.47	3.65	2.25	1.60	1.60	1.85	1.11	1.12	7
912	☐	558	3.50	44.93	0.20	66.26	ceeds Capac	0 - 09:56 hrs	6.89	6.89	1.47	1.00	-21.33	5.32	3.50	3.28	3.28	3.50	0.64	0.62	14
913	☐	559	2.50	22.73	0.31	39.60	ceeds Capac	0 - 09:52 hrs	8.07	8.07	1.74	1.00	-16.87	3.39	2.50	3.72	3.72	3.92	0.89	0.91	16
914	☐	56	1.50	4.33	0.23	4.50	ceeds Capac	0 - 09:12 hrs	2.55	2.55	1.04	1.00	-0.17	1.18	1.50	4.16	4.16	4.31	0.20	0.81	21
915	☐	560	2.50	22.37	0.30	39.62	ceeds Capac	0 - 09:52 hrs	8.07	8.07	1.77	1.00	-17.25	3.39	2.50	3.61	3.61	3.72	0.91	0.99	15
916	☐	561	2.50	22.63	0.30	39.60	ceeds Capac	0 - 09:52 hrs	8.07	8.07	1.75	1.00	-16.98	3.39	2.50	3.47	3.47	3.61	0.90	0.97	15
917	☐	562	2.50	43.63	1.13	39.61	Backwater	0 - 09:52 hrs	8.07	8.07	0.91	1.00	4.02	3.40	2.50	2.99	2.99	3.47	0.00	0.01	14
918	☐	563	2.50	24.86	0.37	39.66	ceeds Capac	0 - 09:52 hrs	8.08	8.08	1.60	1.00	-14.80	3.41	2.50	1.48	1.48	1.54	0.81	0.81	7
919	☐	564	2.50	25.36	0.38	21.52	Backwater	0 - 09:52 hrs	4.38	4.70	0.85	1.00	3.84	2.02	2.50	1.16	1.16	1.48	0.00	0.01	3
920	☐	565	2.50	20.15	0.24	30.53	ceeds Capac	0 - 09:52 hrs	6.23	6.53	1.52	1.00	-10.38	2.12	2.50	1.00	1.00	1.16	0.04	0.11	4
921	☐	566	3.50	19.25	0.10	47.89	ceeds Capac	0 - 09:59 hrs	4.99	5.12	2.49	1.00	-28.64	7.13	3.50	0.41	2.10	0.41	4.26	0.41	7
922	☐	569	4.50	360.06	3.35	157.17	Backwater	0 - 09:59 hrs	9.88	12.57	0.44	1.00	202.89	35.94	4.50	1.00	1.00	2.67	0.00	0.00	10
923	☐	57	1.50	2.78	0.09	4.50	Backwater	0 - 09:11 hrs	2.55	2.55	1.62	1.00	-1.72	1.18	1.50	4.17	4.17	4.26	5.02	0.52	20
924	☐	571	4.50	92.80	0.22	165.39	ceeds Capac	0 - 09:55 hrs	10.40	10.40	1.78	1.00	-72.59	16.70	4.50	2.60	2.60	2.67	2.51	2.51	10
925	☐	572	4.50	150.56	0.59	165.18	ceeds Capac	0 - 09:55 hrs	10.39	10.39	1.10	1.00	-14.63	16.70	4.50	2.11	2.11	2.69	0.15	0.28	10
926	☐	573	4.50	191.84	0.95	165.13	Backwater	0 - 09:55 hrs	10.38	10.38	0.86	1.00	26.71	16.71	4.50	1.33	1.33	2.11	0.00	0.00	6
927	☐	574	4.50	35.32	0.03	165.27	Backwater	0 - 09:55 hrs	10.39	10.39	4.68	1.00	-129.95	16.70	4.50	2.60	2.60	2.69	4.49	0.00	12
928	☐	575	2.00	12.39	0.30	17.50	ceeds Capac	0 - 09:51 hrs	5.57	5.57	1.41	1.00	-5.11	1.62	2.00	0.84	0.85	0.88	0.39	0.33	1
929	☐	576	2.50	19.72	0.23	16.09	Backwater	0 - 09:51 hrs	3.28	3.28	0.82	1.00	3.63	1.62	2.50	0.73	0.73	0.82	0.00	0.01	2
930	☐	577	2.50	19.25	0.22	28.98	ceeds Capac	0 - 09:51 hrs	5.91	5.91	1.51	1.00	-9.73	2.79	2.50	0.75	0.82	0.75	0.97	0.74	2
931	☐	578	2.50	18.73	0.21	28.75	ceeds Capac	0 - 09:52 hrs	5.88	6.23	1.54	1.00	-10.02	2.78	2.50	0.66	0.75	0.66	0.99	0.66	1

FUTURE CONDITIONS 20-YR 24-HR CONDUITS

		ID	Full Depth (ft)	Full Flow (cfs)	Percent Slope (%)	Maximum Flow (cfs)	Maximum Flow Class	Max.Flow Day-Time (day-time)	Velocity at Maximum Flow (ft/s)	Maximum Velocity (ft/s)	Max.Flow/Fu ll Flow	Max.Depth/F ull Depth	Reserve Capacity (cfs)	Total Flow Volume (MG)	Maximum Top Width (ft)	Both End Surcharge Time (hrs)	Upstream Surcharge Time (hrs)	Downstream Surcharge Time (hrs)	Above Full-Flow Time (hrs)	Capacity Limited Time (hrs)	Instability Index
932	☐	579	2.00	10.15	0.20	16.32	ceeds Capac	0 - 10:10 hrs	5.19	5.19	1.61	1.00	-6.16	1.99	2.00	1.31	1.33	1.31	1.42	1.30	3
933	☐	58	1.50	4.98	0.30	4.49	Backwater	0 - 09:11 hrs	2.54	2.54	0.90	1.00	0.49	1.18	1.50	4.05	4.05	4.26	0.00	0.19	20
934	☐	580	2.00	10.28	0.21	14.30	ceeds Capac	0 - 09:48 hrs	4.55	4.55	1.39	1.00	-4.03	1.94	2.00	1.29	1.31	1.29	1.43	1.29	1
935	☐	581	2.00	10.12	0.20	14.29	ceeds Capac	0 - 09:48 hrs	4.55	4.55	1.41	1.00	-4.17	1.86	2.00	1.29	1.29	1.29	1.46	1.19	5
936	☐	582	2.25	13.85	0.20	12.66	Backwater	0 - 10:51 hrs	3.18	3.43	0.91	1.00	1.19	1.86	2.25	1.22	1.22	1.30	0.00	0.16	6
937	☐	583	2.25	13.85	0.20	12.67	Backwater	0 - 10:51 hrs	3.19	3.19	0.91	1.00	1.18	1.86	2.25	1.30	1.30	1.43	0.00	0.02	5
938	☐	584	2.00	7.92	0.35	42.05	ceeds Capac	0 - 00:00 hrs	14.06	14.06	5.31	1.00	-34.13	3.12	0.78	23.99	23.99	24.00	3.84	3.75	73
939	☐	585	2.50	12.17	0.09	12.49	ceeds Capac	0 - 09:42 hrs	2.54	2.54	1.03	1.00	-0.32	1.84	2.50	19.22	19.22	19.37	0.09	2.44	88
940	☐	586	2.00	10.68	0.19	11.05	ceeds Capac	0 - 09:59 hrs	3.52	3.52	1.04	1.00	-0.38	0.41	2.00	14.14	14.14	14.18	0.01	0.52	57
941	☐	587	4.00	189.57	1.74	52.85	Free Surface	0 - 09:59 hrs	5.80	5.80	0.28	0.68	136.71	4.15	4.00	0.00	0.00	1.10	0.00	0.00	0
942	☐	588	4.00	82.69	0.95	189.16	ceeds Capac	0 - 09:59 hrs	15.05	15.05	2.29	1.00	-106.48	12.91	1.92	1.10	1.10	24.00	0.96	1.09	0
943	☐	589	3.00	67.80	1.03	71.80	Free Surface	0 - 10:00 hrs	10.80	10.93	1.06	0.89	-4.01	4.66	3.00	0.00	0.00	0.00	0.12	0.00	0
944	☐	59	1.50	4.20	0.21	4.48	ceeds Capac	0 - 09:11 hrs	2.54	2.68	1.07	1.00	-0.28	1.18	1.50	3.83	3.83	4.05	0.42	0.85	17
945	☐	590	3.00	31.49	0.22	58.45	Backwater	0 - 00:00 hrs	8.31	8.33	1.86	1.00	-26.96	1.56	1.18	23.99	23.99	24.00	0.01	0.00	0
946	☐	591	2.00	11.88	0.28	13.74	Backwater	0 - 00:01 hrs	4.62	5.56	1.16	1.00	-1.86	0.29	1.35	23.96	23.96	23.99	0.01	0.00	71
947	☐	592	2.00	13.01	0.33	7.71	Free Surface	0 - 10:00 hrs	2.46	2.68	0.59	0.99	5.30	0.31	1.97	0.00	0.00	23.96	0.00	0.00	63
948	☐	593	2.00	12.11	0.29	8.45	Free Surface	0 - 09:59 hrs	3.21	3.22	0.70	0.79	3.66	0.31	2.00	0.00	0.00	0.00	0.00	0.00	0
949	☐	594	2.00	19.26	0.72	31.87	Backwater	0 - 00:00 hrs	10.53	10.53	1.66	1.00	-12.62	0.29	0.78	23.99	23.99	24.00	0.00	0.00	82
950	☐	595	4.00	76.30	0.28	111.50	Free Surface	0 - 10:02 hrs	9.65	9.65	1.46	0.88	-35.20	15.91	3.81	0.00	0.00	0.00	1.41	0.00	0
951	☐	596	4.00	150.18	1.09	111.50	Free Surface	0 - 10:00 hrs	10.50	10.50	0.74	0.79	38.68	15.92	4.00	0.00	0.00	0.00	0.00	0.00	0
952	☐	597	4.00	110.37	0.59	111.52	Free Surface	0 - 10:00 hrs	10.63	10.67	1.01	0.78	-1.15	15.93	4.00	0.00	0.00	0.00	0.17	0.00	0
953	☐	598	4.00	118.18	0.68	111.74	Free Surface	0 - 09:59 hrs	9.88	10.35	0.95	0.84	6.44	15.93	4.00	0.00	0.00	0.00	0.00	0.00	0
954	☐	599	4.00	95.10	0.44	111.85	Free Surface	0 - 09:59 hrs	9.49	9.70	1.18	0.89	-16.74	15.94	4.00	0.00	0.00	0.00	0.83	0.00	0
955	☐	6	3.50	25.87	0.07	123.58	ceeds Capac	0 - 00:00 hrs	12.89	12.89	4.78	1.00	-97.71	7.85	1.37	23.98	23.98	23.98	2.25	6.95	86
956	☐	60	1.50	2.98	0.11	4.49	ceeds Capac	0 - 09:11 hrs	2.54	2.54	1.51	1.00	-1.51	1.18	1.50	3.83	3.89	3.83	4.93	3.27	16
957	☐	600	4.00	107.62	0.56	112.97	Free Surface	0 - 09:59 hrs	9.00	9.35	1.05	1.00	-5.35	15.94	4.00	0.00	0.01	0.00	0.29	0.00	0
958	☐	601	4.00	77.23	0.29	106.64	ceeds Capac	0 - 09:55 hrs	8.68	9.44	1.38	1.00	-29.41	15.68	4.00	0.01	0.84	0.01	1.30	0.01	1
959	☐	602	4.00	64.05	0.20	107.91	ceeds Capac	0 - 09:52 hrs	8.59	8.64	1.68	1.00	-43.86	15.51	4.00	0.84	1.06	0.84	2.19	0.84	3
960	☐	603	4.00	63.30	0.19	107.90	ceeds Capac	0 - 09:52 hrs	8.59	8.59	1.70	1.00	-44.59	15.52	4.00	1.06	1.23	1.06	2.29	1.06	4
961	☐	604	4.00	74.60	0.27	107.90	ceeds Capac	0 - 09:52 hrs	8.59	8.59	1.45	1.00	-33.29	15.52	4.00	1.23	1.25	1.23	1.40	1.23	4
962	☐	605	4.00	67.09	0.22	107.91	ceeds Capac	0 - 09:52 hrs	8.59	8.59	1.61	1.00	-40.82	15.53	4.00	1.25	1.29	1.25	1.96	1.25	4
963	☐	607	4.00	31.76	0.14	30.37	Backwater	0 - 00:04 hrs	3.01	3.39	0.96	1.00	1.39	2.44	3.49	0.01	0.01	24.00	0.00	0.00	0
964	☐	608	6.00	207.61	0.24	27.18	Backwater	0 - 11:45 hrs	0.96	1.25	0.13	1.00	180.43	3.39	6.00	20.08	20.08	20.78	0.00	0.00	89
965	☐	609	2.00	15.12	0.45	27.96	ceeds Capac	0 - 09:59 hrs	8.90	8.90	1.85	1.00	-12.84	1.08	2.00	0.20	0.25	0.20	0.32	0.20	0
966	☐	61	1.50	3.05	0.11	4.48	ceeds Capac	0 - 09:11 hrs	2.54	2.54	1.47	1.00	-1.43	1.18	1.50	3.89	3.95	3.89	4.68	3.05	16
967	☐	610	2.00	16.74	0.55	27.96	Free Surface	0 - 09:59 hrs	9.04	9.04	1.67	0.96	-11.22	1.08	2.00	0.00	0.24	0.00	0.29	0.00	0
968	☐	611	3.50	138.50	1.90	133.05	Free Surface	0 - 09:59 hrs	16.38	16.39	0.96	0.79	5.45	14.22	3.50	0.00	0.00	0.00	0.00	0.00	0
969	☐	612	3.50	49.38	0.24	105.39	Free Surface	0 - 09:59 hrs	11.19	11.19	2.13	0.95	-56.02	13.14	3.50	0.00	1.40	0.00	1.99	0.00	2
970	☐	613	2.50	99.90	5.93	88.15	Backwater	0 - 09:59 hrs	18.67	19.74	0.88	1.00	11.74	5.59	2.50	0.10	0.10	0.20	0.00	0.00	0
971	☐	614	4.00	124.53	0.75	154.54	Free Surface	0 - 09:59 hrs	12.52	12.52	1.24	0.95	-30.01	14.97	4.00	0.00	0.14	0.00	0.28	0.00	0
972	☐	615	4.00	114.10	0.63	154.51	ceeds Capac	0 - 09:59 hrs	12.30	12.30	1.35	1.00	-40.40	14.97	4.00	0.14	0.20	0.14	0.39	0.14	0
973	☐	616	4.00	106.76	0.55	154.49	ceeds Capac	0 - 09:59 hrs	12.29	12.29	1.45	1.00	-47.73	14.97	4.00	0.20	0.31	0.20	0.52	0.20	0
974	☐	617	4.00	285.00	3.94	153.41	Free Surface	0 - 09:59 hrs	14.95	21.97	0.54	0.76	131.59	14.97	4.00	0.00	0.00	0.03	0.00	0.00	0
975	☐	618	3.50	200.07	3.95	149.21	Free Surface	0 - 09:59 hrs	22.77	22.77	0.75	0.64	50.87	14.81	3.50	0.00	0.00	0.00	0.00	0.00	0
976	☐	619	3.50	138.51	1.90	131.39	Free Surface	0 - 09:59 hrs	16.39	16.40	0.95	0.78	7.12	14.21	3.50	0.00	0.00	0.00	0.00	0.00	0
977	☐	62	1.50	4.97	0.30	4.48	Backwater	0 - 09:11 hrs	2.54	2.58	0.90	1.00	0.49	1.18	1.50	3.75	3.75	3.95	0.00	0.02	15
978	☐	620	2.25	28.98	0.88	6.08	Free Surface	0 - 09:59 hrs	5.76	5.76	0.21	0.31	22.90	0.19	2.25	0.00	0.00	0.00	0.00	0.00	0
979	☐	621	1.50	12.21	1.80	6.50	Free Surface	0 - 09:59 hrs	7.01	7.01	0.53	0.52	5.71	0.20	1.50	0.00	0.00	0.00	0.00	0.00	0
980	☐	622	2.25	42.28	1.86	6.16	Free Surface	0 - 09:59 hrs	6.92	6.92	0.15	0.28	36.12	0.19	2.05	0.00	0.00	0.00	0.00	0.00	0

FUTURE CONDITIONS 20-YR 24-HR CONDUITS

		ID	Full Depth (ft)	Full Flow (cfs)	Percent Slope (%)	Maximum Flow (cfs)	Maximum Flow Class	Max.Flow Day-Time (day-time)	Velocity at Maximum Flow (ft/s)	Maximum Velocity (ft/s)	Max.Flow/Fu ll Flow	Max.Depth/F ull Depth	Reserve Capacity (cfs)	Total Flow Volume (MG)	Maximum Top Width (ft)	Both End Surcharge Time (hrs)	Upstream Surcharge Time (hrs)	Downstream Surcharge Time (hrs)	Above Full-Flow Time (hrs)	Capacity Limited Time (hrs)	Instability Index
981	☐	623	4.00	89.45	0.39	102.59	Backwater	0 - 00:00 hrs	8.18	8.18	1.15	1.00	-13.15	11.29	1.57	23.99	23.99	24.00	0.00	0.00	0
982	☐	624	3.00	137.89	4.27	135.64	Backwater	0 - 09:59 hrs	19.57	19.73	0.98	1.00	2.25	12.08	1.46	0.18	0.18	23.81	0.00	0.00	0
983	☐	625	3.00	141.25	4.48	143.40	Backwater	0 - 09:59 hrs	22.42	22.55	1.02	1.00	-2.15	12.08	3.00	0.14	0.14	0.18	0.00	0.00	0
984	☐	626	3.50	100.61	1.00	119.27	ceeds Capac	0 - 09:59 hrs	12.55	12.55	1.19	1.00	-18.66	11.32	3.50	0.09	0.43	0.09	0.52	0.09	0
985	☐	627	3.00	102.39	2.36	119.27	ceeds Capac	0 - 09:59 hrs	16.87	16.87	1.16	1.00	-16.88	11.32	3.00	0.48	0.49	0.50	0.51	0.48	1
986	☐	628	3.00	101.29	2.31	109.43	ceeds Capac	0 - 10:08 hrs	15.48	15.78	1.08	1.00	-8.13	10.79	3.00	0.47	0.47	0.49	0.45	0.43	1
987	☐	629	4.00	124.63	0.75	101.31	Backwater	0 - 09:56 hrs	9.09	10.94	0.81	1.00	23.32	10.22	4.00	0.42	0.42	0.45	0.00	0.00	1
988	☐	63	1.50	8.99	0.97	4.48	Backwater	0 - 09:11 hrs	2.54	4.60	0.50	1.00	4.50	1.18	1.50	3.34	3.34	3.63	0.00	0.00	15
989	☐	630	4.00	83.76	0.34	90.69	ceeds Capac	0 - 10:03 hrs	7.22	8.25	1.08	1.00	-6.93	9.01	4.00	0.35	0.35	0.36	0.11	0.12	0
990	☐	631	4.00	83.86	0.34	91.11	ceeds Capac	0 - 09:57 hrs	7.87	7.88	1.09	1.00	-7.25	9.00	4.00	0.33	0.33	0.35	0.12	0.11	0
991	☐	632	4.00	83.90	0.34	78.64	Backwater	0 - 09:57 hrs	6.58	6.84	0.94	1.00	5.26	8.34	4.00	0.29	0.29	0.33	0.00	0.01	0
992	☐	633	4.00	74.64	0.27	81.36	ceeds Capac	0 - 09:59 hrs	7.10	7.13	1.09	1.00	-6.72	8.35	4.00	0.28	0.28	0.29	0.03	0.05	0
993	☐	634	1.50	12.77	1.97	17.53	ceeds Capac	0 - 09:55 hrs	9.92	9.92	1.37	1.00	-4.76	1.06	1.50	0.54	0.54	0.60	0.41	0.41	2
994	☐	636	1.50	7.40	0.66	17.53	ceeds Capac	0 - 09:55 hrs	9.92	9.92	2.37	1.00	-10.13	1.06	1.50	0.30	0.71	0.30	0.79	0.30	1
995	☐	637	3.00	55.20	0.68	38.73	Free Surface	0 - 09:56 hrs	8.45	8.45	0.70	0.62	16.47	1.97	3.00	0.00	0.00	0.00	0.00	0.00	1
996	☐	638	2.25	22.09	0.51	36.90	ceeds Capac	0 - 09:52 hrs	9.39	9.41	1.67	1.00	-14.80	3.29	2.25	0.51	0.76	0.51	0.82	0.34	0
997	☐	639	2.25	18.97	0.38	36.79	ceeds Capac	0 - 09:52 hrs	9.25	9.25	1.94	1.00	-17.82	3.31	2.25	0.55	1.00	0.55	1.17	0.55	0
998	☐	64	2.50	56.73	1.91	17.79	Free Surface	0 - 10:03 hrs	10.22	10.22	0.31	0.38	38.94	3.22	2.50	0.00	0.00	0.00	0.00	0.00	2
999	☐	640	2.00	28.60	1.60	34.24	ceeds Capac	0 - 10:22 hrs	10.90	10.90	1.20	1.00	-5.64	3.14	2.00	0.94	0.94	1.06	0.37	0.39	1
1000	☐	641	2.00	35.66	2.48	41.65	ceeds Capac	0 - 10:07 hrs	13.26	13.26	1.17	1.00	-5.99	3.35	2.00	0.73	0.73	0.92	0.47	0.47	0
1001	☐	642	2.00	26.89	1.41	24.26	Backwater	0 - 09:52 hrs	7.72	9.12	0.90	1.00	2.63	2.21	2.00	0.66	0.66	0.70	0.00	0.00	1
1002	☐	643	2.00	19.70	0.76	23.38	ceeds Capac	0 - 09:59 hrs	7.44	7.44	1.19	1.00	-3.68	2.10	2.00	0.61	0.64	0.61	0.66	0.61	0
1003	☐	644	2.00	14.95	0.44	24.54	ceeds Capac	0 - 09:52 hrs	7.86	7.91	1.64	1.00	-9.59	1.72	2.00	0.58	0.64	0.58	0.46	0.31	0
1004	☐	645	2.00	10.88	0.23	18.23	ceeds Capac	0 - 09:52 hrs	5.80	5.80	1.68	1.00	-7.36	1.35	2.00	0.61	0.65	0.61	0.75	0.61	0
1005	☐	646	2.50	54.96	1.80	67.72	ceeds Capac	0 - 09:59 hrs	13.80	13.80	1.23	1.00	-12.76	5.63	2.50	0.33	0.50	0.33	0.61	0.33	1
1006	☐	647	2.50	58.23	2.02	67.72	ceeds Capac	0 - 09:59 hrs	13.80	13.80	1.16	1.00	-9.49	5.63	2.50	0.49	0.49	0.50	0.53	0.48	0
1007	☐	648	2.50	54.56	1.77	67.73	ceeds Capac	0 - 09:59 hrs	13.80	13.80	1.24	1.00	-13.17	5.63	2.50	0.43	0.54	0.43	0.61	0.43	1
1008	☐	649	1.50	13.20	2.10	10.03	Backwater	0 - 10:08 hrs	5.85	5.95	0.76	1.00	3.17	0.41	1.50	0.13	0.13	0.51	0.00	0.00	0
1009	☐	65	1.33	3.96	0.35	5.90	Free Surface	0 - 09:56 hrs	4.60	4.60	1.49	0.86	-1.94	0.62	1.33	0.00	0.76	0.00	0.89	0.00	2
1010	☐	650	1.50	9.46	1.08	10.18	Backwater	0 - 10:00 hrs	5.81	6.18	1.08	1.00	-0.71	0.41	1.50	0.07	0.07	0.09	0.05	0.00	0
1011	☐	651	1.50	4.87	0.29	11.21	Free Surface	0 - 09:59 hrs	6.56	6.56	2.30	0.94	-6.34	0.42	1.50	0.00	0.33	0.00	0.37	0.00	0
1012	☐	652	1.50	4.94	0.29	5.10	ceeds Capac	0 - 09:59 hrs	2.88	2.88	1.03	1.00	-0.15	0.16	1.50	0.18	0.18	0.26	0.01	0.02	0
1013	☐	653	6.50	254.90	0.24	334.28	ceeds Capac	0 - 09:59 hrs	10.07	10.07	1.31	1.00	-79.38	53.28	6.50	0.73	0.97	0.73	1.53	0.73	2
1014	☐	654	6.50	273.98	0.27	451.96	ceeds Capac	0 - 09:59 hrs	13.85	13.86	1.65	1.00	-177.98	63.02	6.50	0.32	0.73	0.32	1.73	0.32	1
1015	☐	655	7.00	264.17	0.17	488.44	ceeds Capac	0 - 00:01 hrs	12.73	13.08	1.85	1.00	-224.27	65.04	3.79	6.08	6.08	24.00	2.22	2.21	0
1016	☐	656	6.00	180.61	0.18	386.27	ceeds Capac	0 - 10:03 hrs	13.66	13.66	2.14	1.00	-205.65	35.04	2.35	4.28	4.28	24.00	1.33	1.33	1
1017	☐	657	6.00	272.89	0.42	344.88	ceeds Capac	0 - 10:03 hrs	12.20	12.20	1.26	1.00	-71.99	33.13	4.62	0.94	0.94	4.28	0.41	0.40	1
1018	☐	658	6.00	202.82	0.23	293.39	ceeds Capac	0 - 10:03 hrs	10.38	10.38	1.45	1.00	-90.57	30.74	5.99	0.92	0.93	0.94	0.90	0.88	3
1019	☐	659	1.00	7.51	5.91	8.58	ceeds Capac	0 - 00:00 hrs	11.44	11.92	1.14	1.00	-1.07	4.78	0.39	23.99	23.99	23.99	11.70	11.67	30
1020	☐	66	1.33	3.07	0.21	5.89	ceeds Capac	0 - 10:03 hrs	4.22	4.22	1.92	1.00	-2.82	0.62	1.33	0.76	0.89	0.76	1.22	0.76	3
1021	☐	660	1.75	39.78	8.39	30.13	Backwater	0 - 10:38 hrs	14.19	17.29	0.76	1.00	9.65	1.79	1.64	0.18	0.18	1.03	0.00	0.00	0
1022	☐	661	6.50	299.04	0.33	285.53	Backwater	0 - 10:03 hrs	8.60	8.60	0.95	1.00	13.52	24.22	6.50	0.65	0.65	0.84	0.00	0.03	3
1023	☐	662	6.50	229.60	0.19	285.52	ceeds Capac	0 - 10:03 hrs	8.60	8.60	1.24	1.00	-55.92	24.24	6.50	0.60	0.60	0.65	0.33	0.32	2
1024	☐	663	4.00	318.76	4.92	117.28	Free Surface	0 - 09:59 hrs	12.30	12.30	0.37	0.71	201.48	9.77	4.00	0.00	0.00	3.60	0.00	0.00	0
1025	☐	664	2.00	16.58	0.54	26.84	ceeds Capac	0 - 09:55 hrs	8.54	8.54	1.62	1.00	-10.26	1.99	2.00	0.61	0.63	0.61	0.67	0.61	0
1026	☐	665	2.00	17.26	0.58	26.83	ceeds Capac	0 - 09:55 hrs	8.54	8.54	1.55	1.00	-9.57	1.99	2.00	0.63	0.64	0.63	0.67	0.63	1
1027	☐	666	2.00	16.92	0.56	26.81	ceeds Capac	0 - 09:55 hrs	8.53	8.53	1.58	1.00	-9.89	1.99	2.00	0.62	0.63	0.62	0.69	0.60	2
1028	☐	667	2.00	17.16	0.58	26.79	ceeds Capac	0 - 09:55 hrs	8.54	8.74	1.56	1.00	-9.63	1.98	2.00	0.36	0.60	0.36	0.69	0.36	0
1029	☐	668	2.50	29.99	0.53	27.01	Backwater	0 - 10:17 hrs	5.84	7.02	0.90	1.00	2.98	1.98	2.50	0.32	0.32	0.37	0.00	0.00	0

FUTURE CONDITIONS 20-YR 24-HR CONDUITS

		ID	Full Depth (ft)	Full Flow (cfs)	Percent Slope (%)	Maximum Flow (cfs)	Maximum Flow Class	Max.Flow Day-Time (day-time)	Velocity at Maximum Flow (ft/s)	Maximum Velocity (ft/s)	Max.Flow/Fu ll Flow	Max.Depth/F ull Depth	Reserve Capacity (cfs)	Total Flow Volume (MG)	Maximum Top Width (ft)	Both End Surcharge Time (hrs)	Upstream Surcharge Time (hrs)	Downstream Surcharge Time (hrs)	Above Full-Flow Time (hrs)	Capacity Limited Time (hrs)	Instability Index
1030	☐	669	2.50	41.34	1.02	39.09	Backwater	0 - 09:56 hrs	7.96	8.91	0.95	1.00	2.25	2.97	2.50	0.44	0.44	0.48	0.00	0.00	1
1031	☐	67	1.33	1.07	0.03	5.90	Backwater	0 - 10:11 hrs	4.23	4.23	5.53	1.00	-4.83	0.62	1.33	0.89	0.89	1.05	5.18	0.00	5
1032	☐	670	2.50	51.46	1.57	60.37	ceeds Capac	0 - 09:57 hrs	12.30	12.30	1.17	1.00	-8.90	3.94	2.50	0.48	0.48	0.58	0.23	0.23	1
1033	☐	671	2.50	55.04	1.80	60.35	ceeds Capac	0 - 09:57 hrs	12.30	12.30	1.10	1.00	-5.31	3.93	2.50	0.58	0.58	0.77	0.19	0.19	1
1034	☐	672	3.50	42.65	0.18	99.45	ceeds Capac	0 - 09:59 hrs	10.34	10.34	2.33	1.00	-56.80	5.60	3.50	0.76	0.77	0.87	0.67	0.61	1
1035	☐	673	3.50	51.58	0.26	99.46	ceeds Capac	0 - 09:59 hrs	10.34	10.34	1.93	1.00	-47.88	5.60	3.50	0.87	0.87	1.03	0.50	0.50	2
1036	☐	674	3.50	51.79	0.26	99.47	ceeds Capac	0 - 09:59 hrs	10.34	10.34	1.92	1.00	-47.68	5.61	3.50	1.04	1.04	2.42	0.49	0.49	6
1037	☐	675	3.50	56.33	0.31	99.48	ceeds Capac	0 - 09:59 hrs	10.34	10.34	1.77	1.00	-43.15	5.63	3.50	2.41	2.42	4.57	0.47	0.46	19
1038	☐	676	3.50	54.64	0.29	99.49	ceeds Capac	0 - 09:59 hrs	10.34	10.34	1.82	1.00	-44.86	5.63	3.50	6.96	6.96	10.08	0.48	0.48	38
1039	☐	677	3.50	48.75	0.23	99.53	ceeds Capac	0 - 09:59 hrs	10.34	10.34	2.04	1.00	-50.78	5.63	3.46	9.62	9.62	11.17	0.52	0.90	39
1040	☐	678	3.75	36.92	0.09	99.49	ceeds Capac	0 - 09:59 hrs	9.01	9.01	2.69	1.00	-62.58	5.64	1.47	9.50	9.52	10.45	0.73	1.03	39
1041	☐	679	5.50	109.82	0.31	293.44	Backwater	0 - 10:04 hrs	12.35	12.35	2.67	1.00	-183.61	30.78	5.40	1.06	1.06	1.24	2.13	0.00	3
1042	☐	68	1.33	6.09	0.84	5.90	Backwater	0 - 09:56 hrs	4.23	4.23	0.97	1.00	0.19	0.62	1.33	0.97	0.97	1.05	0.00	0.35	5
1043	☐	680	2.00	18.74	0.69	17.51	Backwater	0 - 09:55 hrs	5.57	5.58	0.93	1.00	1.23	1.36	2.00	1.50	1.50	2.48	0.00	0.00	6
1044	☐	681	2.00	15.07	0.44	22.09	ceeds Capac	0 - 09:53 hrs	7.06	7.11	1.47	1.00	-7.02	1.39	2.00	1.14	1.15	1.50	0.04	0.00	2
1045	☐	682	2.00	18.95	0.70	22.09	ceeds Capac	0 - 09:53 hrs	7.03	7.03	1.17	1.00	-3.14	1.42	2.00	0.73	0.73	1.15	0.02	0.01	1
1046	☐	683	1.50	3.56	0.15	0.39	Backwater	0 - 09:51 hrs	0.27	0.27	0.11	1.00	3.17	0.00	1.50	0.80	0.80	0.87	0.00	0.00	5
1047	☐	684	3.00	39.66	0.35	47.72	ceeds Capac	0 - 09:53 hrs	8.12	8.24	1.20	1.00	-8.06	5.09	3.00	1.61	1.61	1.66	0.51	0.41	4
1048	☐	685	3.00	47.60	0.51	46.53	Backwater	0 - 09:53 hrs	7.02	7.50	0.98	1.00	1.07	5.29	3.00	1.40	1.40	1.58	0.00	0.00	7
1049	☐	686	3.00	39.04	0.34	52.90	ceeds Capac	0 - 09:53 hrs	7.51	7.58	1.35	1.00	-13.86	5.29	3.00	1.38	1.38	1.40	1.38	1.24	6
1050	☐	687	3.00	48.57	0.53	52.09	ceeds Capac	0 - 10:07 hrs	7.37	7.38	1.07	1.00	-3.52	5.46	3.00	1.32	1.32	1.38	0.46	0.46	5
1051	☐	688	3.00	33.51	0.25	57.82	ceeds Capac	0 - 09:59 hrs	8.18	8.18	1.73	1.00	-24.30	5.48	3.00	1.32	1.32	1.32	1.44	1.06	6
1052	☐	689	3.00	35.02	0.28	39.97	ceeds Capac	0 - 10:33 hrs	5.66	5.84	1.14	1.00	-4.96	4.39	3.00	1.29	1.30	1.29	1.04	0.87	7
1053	☐	69	1.33	1.33	0.04	5.89	ceeds Capac	0 - 10:14 hrs	4.22	4.22	4.42	1.00	-4.56	0.62	1.33	0.97	1.32	0.97	4.04	0.97	4
1054	☐	690	3.00	51.69	0.60	42.81	Backwater	0 - 09:53 hrs	6.72	6.97	0.83	1.00	8.87	4.38	3.00	1.24	1.24	1.28	0.00	0.00	6
1055	☐	691	3.00	17.98	0.07	46.00	ceeds Capac	0 - 09:53 hrs	6.96	7.09	2.56	1.00	-28.02	4.39	3.00	1.24	1.25	1.24	2.13	1.17	6
1056	☐	692	3.00	33.31	0.25	74.94	ceeds Capac	0 - 10:04 hrs	10.60	10.60	2.25	1.00	-41.63	4.71	3.00	1.25	1.25	1.25	1.28	0.93	4
1057	☐	693	4.00	136.73	0.91	128.29	Backwater	0 - 09:55 hrs	10.91	11.16	0.94	1.00	8.43	20.07	4.00	1.61	1.61	1.97	0.00	0.00	7
1058	☐	694	1.50	7.90	0.75	16.72	ceeds Capac	0 - 12:45 hrs	9.46	9.46	2.12	1.00	-8.82	1.13	1.50	3.73	3.73	5.55	2.90	2.63	12
1059	☐	697	4.00	83.60	0.34	130.30	ceeds Capac	0 - 09:55 hrs	10.39	10.39	1.56	1.00	-46.70	18.94	4.00	1.65	2.44	1.65	2.80	1.63	6
1060	☐	699	5.00	142.19	0.30	183.00	ceeds Capac	0 - 10:26 hrs	9.32	9.32	1.29	1.00	-40.80	20.70	5.00	1.26	1.26	1.74	0.84	0.84	4
1061	☐	7	3.50	25.57	0.06	95.12	ceeds Capac	0 - 00:01 hrs	12.47	12.47	3.72	1.00	-69.55	7.85	1.37	23.97	23.97	23.98	2.38	5.80	91
1062	☐	700	5.00	131.58	0.26	187.39	ceeds Capac	0 - 10:11 hrs	9.54	9.54	1.42	1.00	-55.81	18.85	5.00	1.21	1.21	1.26	0.79	0.77	4
1063	☐	701	5.00	163.16	0.39	187.38	ceeds Capac	0 - 10:11 hrs	9.54	9.54	1.15	1.00	-24.21	18.86	5.00	0.80	0.80	1.08	0.62	0.61	3
1064	☐	702	2.00	32.51	2.06	23.95	Backwater	0 - 09:52 hrs	7.62	8.21	0.74	1.00	8.55	1.90	2.00	2.05	2.05	2.46	0.00	0.00	6
1065	☐	703	2.00	17.78	0.62	24.57	ceeds Capac	0 - 09:52 hrs	7.87	7.99	1.38	1.00	-6.79	2.05	2.00	1.66	1.68	2.05	0.10	0.08	6
1066	☐	704	2.00	20.42	0.82	24.54	ceeds Capac	0 - 09:52 hrs	7.81	7.81	1.20	1.00	-4.12	2.11	2.00	1.18	1.18	1.68	0.08	0.07	4
1067	☐	706	2.00	16.79	0.55	24.78	ceeds Capac	0 - 09:49 hrs	7.89	7.89	1.48	1.00	-7.98	2.11	2.00	1.03	1.05	1.18	0.20	0.14	5
1068	☐	707	2.00	8.80	0.15	18.03	ceeds Capac	0 - 10:07 hrs	5.74	5.74	2.05	1.00	-9.24	1.30	2.00	1.03	1.04	1.09	0.90	0.85	1
1069	☐	708	4.50	99.12	0.25	94.10	Backwater	0 - 12:27 hrs	6.44	8.75	0.95	1.00	5.02	24.45	4.50	1.92	1.92	2.06	0.00	0.05	9
1070	☐	709	4.50	135.51	0.47	393.18	Backwater	0 - 14:56 hrs	46.96	46.96	2.90	1.00	-257.67	24.43	4.50	2.06	2.06	2.08	0.00	0.74	7
1071	☐	71	1.75	9.03	0.43	11.91	Free Surface	0 - 11:25 hrs	5.37	5.37	1.32	0.87	-2.88	2.61	1.75	0.00	2.46	0.00	2.85	0.00	11
1072	☐	710	4.50	69.52	0.36	167.96	ceeds Capac	0 - 09:55 hrs	10.64	10.81	2.42	1.00	-98.44	35.95	4.50	1.00	3.85	1.00	6.00	1.00	16
1073	☐	711	4.50	114.46	0.34	167.91	ceeds Capac	0 - 09:55 hrs	10.56	10.56	1.47	1.00	-53.45	35.96	4.50	3.55	3.55	3.58	3.40	3.00	17
1074	☐	712	4.50	129.64	0.43	138.25	ceeds Capac	0 - 10:45 hrs	8.69	8.87	1.07	1.00	-8.60	33.96	4.50	2.91	2.91	3.27	0.81	0.84	9
1075	☐	713	4.50	129.54	0.43	167.88	ceeds Capac	0 - 09:55 hrs	10.56	10.56	1.30	1.00	-38.34	35.97	4.50	3.27	3.27	3.55	1.73	1.81	13
1076	☐	715	2.00	6.65	0.09	25.85	ceeds Capac	0 - 09:52 hrs	8.23	8.23	3.89	1.00	-19.21	2.53	2.00	1.58	1.69	1.58	3.71	1.57	3
1077	☐	716	2.00	14.88	0.43	25.86	ceeds Capac	0 - 09:52 hrs	8.23	8.23	1.74	1.00	-10.98	2.45	2.00	1.69	1.69	1.83	0.53	0.54	7
1078	☐	717	2.00	9.99	0.20	25.86	ceeds Capac	0 - 09:52 hrs	8.27	8.63	2.59	1.00	-15.87	2.45	2.00	1.25	1.71	1.25	1.96	1.25	4

FUTURE CONDITIONS 20-YR 24-HR CONDUITS

		ID	Full Depth (ft)	Full Flow (cfs)	Percent Slope (%)	Maximum Flow (cfs)	Maximum Flow Class	Max.Flow Day-Time (day-time)	Velocity at Maximum Flow (ft/s)	Maximum Velocity (ft/s)	Max.Flow/Fu ll Flow	Max.Depth/F ull Depth	Reserve Capacity (cfs)	Total Flow Volume (MG)	Maximum Top Width (ft)	Both End Surcharge Time (hrs)	Upstream Surcharge Time (hrs)	Downstream Surcharge Time (hrs)	Above Full-Flow Time (hrs)	Capacity Limited Time (hrs)	Instability Index
1079	☐	718	2.00	44.74	3.91	21.56	Backwater	0 - 09:52 hrs	8.59	8.59	0.48	1.00	23.18	2.45	2.00	1.25	1.25	1.51	0.00	0.00	5
1080	☐	719	2.50	16.66	0.22	36.80	ceeds Capac	0 - 09:56 hrs	7.64	7.68	2.21	1.00	-20.14	2.55	2.50	0.55	0.71	0.55	0.97	0.55	1
1081	☐	72	1.75	9.44	0.47	11.91	ceeds Capac	0 - 11:27 hrs	4.95	4.95	1.26	1.00	-2.47	2.61	1.75	2.46	2.52	2.46	2.78	2.46	13
1082	☐	720	2.50	49.92	1.48	35.48	Backwater	0 - 09:56 hrs	8.32	8.89	0.71	1.00	14.44	2.55	2.50	0.55	0.55	0.61	0.00	0.01	2
1083	☐	721	3.00	37.09	0.31	36.92	Backwater	0 - 09:56 hrs	6.56	6.87	1.00	1.00	0.18	2.55	3.00	0.54	0.54	0.58	0.00	0.01	3
1084	☐	722	3.00	46.46	0.49	35.36	Backwater	0 - 09:55 hrs	5.71	7.24	0.76	1.00	11.10	2.54	3.00	0.58	0.58	0.87	0.00	0.00	3
1085	☐	723	3.00	47.12	0.50	34.18	Backwater	0 - 09:53 hrs	5.55	6.96	0.73	1.00	12.94	2.54	3.00	0.88	0.88	1.06	0.00	0.00	4
1086	☐	724	3.00	42.01	0.40	27.68	Backwater	0 - 10:21 hrs	3.92	4.51	0.66	1.00	14.32	2.55	3.00	1.06	1.06	1.26	0.00	0.00	5
1087	☐	725	3.00	43.12	0.42	39.90	Backwater	0 - 10:22 hrs	5.65	5.65	0.93	1.00	3.22	4.99	3.00	1.41	1.41	3.08	0.00	0.01	5
1088	☐	726	3.00	29.83	0.20	43.85	ceeds Capac	0 - 09:57 hrs	6.21	6.36	1.47	1.00	-14.01	2.21	3.00	0.34	0.35	0.38	0.31	0.25	0
1089	☐	727	3.00	37.20	0.31	35.59	Backwater	0 - 10:03 hrs	5.04	5.41	0.96	1.00	1.61	2.20	3.00	0.38	0.38	0.61	0.00	0.00	1
1090	☐	728	3.50	64.80	0.41	47.67	Backwater	0 - 09:56 hrs	5.68	6.54	0.74	1.00	17.13	3.36	3.50	0.56	0.56	0.66	0.00	0.00	2
1091	☐	729	3.50	43.26	0.18	45.93	ceeds Capac	0 - 10:03 hrs	4.77	5.20	1.06	1.00	-2.67	3.35	3.50	0.66	0.66	0.93	0.27	0.29	1
1092	☐	73	1.75	7.88	0.33	11.91	ceeds Capac	0 - 11:12 hrs	4.95	4.95	1.51	1.00	-4.03	2.61	1.75	2.35	2.71	2.35	3.38	2.35	9
1093	☐	730	3.50	64.83	0.42	40.95	Backwater	0 - 10:15 hrs	4.26	4.26	0.63	1.00	23.88	3.27	3.50	1.49	1.49	2.76	0.00	0.00	8
1094	☐	731	3.50	73.33	0.53	40.96	Backwater	0 - 10:15 hrs	4.26	5.72	0.56	1.00	32.37	3.27	3.50	1.15	1.15	1.49	0.00	0.00	4
1095	☐	733	2.50	21.90	0.29	35.75	ceeds Capac	0 - 09:55 hrs	7.28	7.28	1.63	1.00	-13.84	2.97	2.50	1.22	1.22	1.43	0.60	0.60	1
1096	☐	734	2.50	42.25	1.06	35.76	Backwater	0 - 09:55 hrs	7.28	7.28	0.85	1.00	6.49	3.03	2.50	0.94	0.94	1.22	0.00	0.00	1
1097	☐	735	2.25	35.17	1.29	14.15	Backwater	0 - 10:00 hrs	3.56	4.02	0.40	1.00	21.02	1.00	2.25	0.79	0.79	0.97	0.00	0.00	3
1098	☐	736	2.25	14.84	0.23	14.15	Backwater	0 - 10:02 hrs	3.56	4.70	0.95	1.00	0.69	1.00	2.25	0.75	0.75	0.81	0.00	0.10	3
1099	☐	737	2.25	14.70	0.23	14.15	Backwater	0 - 10:02 hrs	3.56	4.63	0.96	1.00	0.55	1.00	2.25	0.69	0.69	0.72	0.00	0.09	2
1100	☐	738	2.00	14.60	0.42	15.26	Backwater	0 - 09:53 hrs	5.50	5.52	1.05	1.00	-0.66	1.00	2.00	0.63	0.63	0.70	0.00	0.05	2
1101	☐	739	2.00	15.27	0.46	15.86	Backwater	0 - 09:53 hrs	5.12	5.14	1.04	1.00	-0.59	1.00	2.00	0.57	0.57	0.66	0.01	0.00	1
1102	☐	74	2.00	32.06	2.01	32.69	Backwater	0 - 10:07 hrs	10.81	11.59	1.02	1.00	-0.63	1.55	2.00	0.03	0.03	0.12	0.03	0.00	0
1103	☐	740	2.50	21.23	0.27	45.39	ceeds Capac	0 - 09:56 hrs	9.25	9.25	2.14	1.00	-24.15	3.96	2.50	1.40	1.41	1.42	1.24	1.20	1
1104	☐	741	2.00	10.76	0.23	19.44	ceeds Capac	0 - 09:56 hrs	6.19	6.24	1.81	1.00	-8.69	0.99	2.00	0.56	0.59	0.59	0.47	0.41	0
1105	☐	742	1.75	7.45	0.29	14.21	ceeds Capac	0 - 11:08 hrs	5.91	5.91	1.91	1.00	-6.76	2.47	1.75	2.09	2.99	2.09	3.56	2.09	2
1106	☐	743	1.75	9.28	0.46	14.21	ceeds Capac	0 - 11:07 hrs	5.91	5.91	1.53	1.00	-4.93	2.47	1.75	1.52	2.09	1.52	2.63	1.52	7
1107	☐	744	2.00	12.45	0.30	18.03	ceeds Capac	0 - 10:07 hrs	5.74	5.74	1.45	1.00	-5.57	2.08	2.00	1.00	1.02	1.00	1.31	0.23	2
1108	☐	745	2.50	28.13	0.47	36.89	ceeds Capac	0 - 09:52 hrs	7.52	7.52	1.31	1.00	-8.76	4.06	2.50	0.91	0.92	0.95	0.08	0.03	2
1109	☐	746	2.50	26.79	0.43	37.05	ceeds Capac	0 - 09:52 hrs	7.57	7.75	1.38	1.00	-10.25	4.07	2.50	0.92	0.95	0.92	0.15	0.09	2
1110	☐	747	3.00	36.75	0.30	35.91	Backwater	0 - 09:52 hrs	5.73	5.81	0.98	1.00	0.84	4.07	3.00	0.95	0.95	1.02	0.00	0.00	3
1111	☐	748	1.50	7.56	0.69	14.80	ceeds Capac	0 - 09:53 hrs	8.37	8.37	1.96	1.00	-7.24	0.76	1.50	0.85	0.89	0.98	0.57	0.52	1
1112	☐	749	3.00	47.87	0.52	46.85	Backwater	0 - 09:52 hrs	7.01	7.53	0.98	1.00	1.03	4.83	3.00	1.01	1.01	1.04	0.00	0.01	5
1113	☐	75	1.75	7.08	0.27	8.68	ceeds Capac	0 - 10:00 hrs	3.87	3.90	1.23	1.00	-1.60	0.34	1.75	0.08	0.09	0.08	0.18	0.05	0
1114	☐	750	3.00	38.79	0.34	45.65	ceeds Capac	0 - 09:53 hrs	6.46	6.46	1.18	1.00	-6.85	4.82	3.00	1.08	1.08	1.13	0.02	0.01	4
1115	☐	751	3.00	41.80	0.39	45.65	ceeds Capac	0 - 09:53 hrs	6.46	6.46	1.09	1.00	-3.85	4.83	3.00	1.13	1.13	1.23	0.01	0.01	4
1116	☐	752	2.25	17.46	0.32	17.39	Backwater	0 - 09:53 hrs	4.39	4.47	1.00	1.00	0.07	0.01	2.25	0.68	0.68	0.90	0.00	0.00	4
1117	☐	753	3.00	44.96	0.45	53.44	ceeds Capac	0 - 09:55 hrs	7.56	7.56	1.19	1.00	-8.48	6.67	3.00	1.19	1.19	1.26	0.38	0.39	2
1118	☐	754	3.00	49.40	0.55	73.78	ceeds Capac	0 - 09:55 hrs	10.44	10.44	1.49	1.00	-24.38	7.66	3.00	1.27	1.27	1.39	0.93	0.95	3
1119	☐	755	3.00	45.05	0.46	68.27	ceeds Capac	0 - 09:55 hrs	9.66	9.66	1.52	1.00	-23.21	7.41	3.00	1.26	1.26	1.27	1.32	1.22	3
1120	☐	756	3.50	64.49	0.41	107.13	ceeds Capac	0 - 09:56 hrs	11.14	11.14	1.66	1.00	-42.64	11.62	3.50	0.66	1.20	0.66	1.38	0.66	1
1121	☐	757	1.50	6.91	0.58	8.24	Backwater	0 - 09:56 hrs	4.67	5.20	1.19	1.00	-1.33	0.00	1.50	0.58	0.58	0.68	0.00	0.00	3
1122	☐	758	2.25	40.80	1.74	26.77	Backwater	0 - 09:59 hrs	6.73	6.73	0.66	1.00	14.03	1.07	2.25	0.29	0.29	0.93	0.00	0.00	0
1123	☐	759	3.50	121.98	1.47	131.45	ceeds Capac	0 - 09:56 hrs	13.66	13.83	1.08	1.00	-9.48	13.12	3.50	0.64	0.64	0.83	0.07	0.07	2
1124	☐	76	1.75	8.43	0.38	8.88	Backwater	0 - 10:00 hrs	3.88	3.89	1.05	1.00	-0.45	0.34	1.75	0.06	0.06	0.09	0.03	0.01	0
1125	☐	760	5.00	113.45	0.54	185.64	Free Surface	0 - 10:02 hrs	10.54	10.57	1.64	0.84	-72.19	17.37	5.00	0.00	0.95	0.00	1.06	0.00	0
1126	☐	761	5.00	106.67	0.48	50.63	Backwater	0 - 10:03 hrs	2.58	2.58	0.47	1.00	56.04	2.46	5.00	0.56	0.56	0.97	0.00	0.00	1
1127	☐	763	5.00	101.80	0.44	50.64	Backwater	0 - 10:03 hrs	2.58	4.37	0.50	1.00	51.15	2.46	5.00	0.19	0.19	0.53	0.00	0.00	1

FUTURE CONDITIONS 20-YR 24-HR CONDUITS

		ID	Full Depth (ft)	Full Flow (cfs)	Percent Slope (%)	Maximum Flow (cfs)	Maximum Flow Class	Max.Flow Day-Time (day-time)	Velocity at Maximum Flow (ft/s)	Maximum Velocity (ft/s)	Max.Flow/Fu ll Flow	Max.Depth/F ull Depth	Reserve Capacity (cfs)	Total Flow Volume (MG)	Maximum Top Width (ft)	Both End Surcharge Time (hrs)	Upstream Surcharge Time (hrs)	Downstream Surcharge Time (hrs)	Above Full-Flow Time (hrs)	Capacity Limited Time (hrs)	Instability Index
1128	☐	764	5.00	147.01	0.91	7.83	Free Surface	0 - 10:00 hrs	0.79	0.79	0.05	0.51	139.18	0.00	5.00	0.00	0.00	0.17	0.00	0.00	0
1129	☐	767	5.00	488.15	3.51	0.00	Free Surface	0 - 00:00 hrs	0.00	0.00	0.00	0.00	488.15	0.00	0.80	0.00	0.00	0.00	0.00	0.00	0
1130	☐	768	4.50	142.84	0.53	155.65	ceeds Capac	0 - 09:53 hrs	10.53	10.63	1.09	1.00	-12.81	15.39	4.50	1.14	1.14	1.30	0.01	0.07	5
1131	☐	769	4.50	123.82	0.40	141.39	ceeds Capac	0 - 09:53 hrs	8.89	8.89	1.14	1.00	-17.56	13.17	4.50	1.18	1.19	1.19	0.68	0.49	3
1132	☐	77	1.75	9.39	0.47	9.18	Free Surface	0 - 09:59 hrs	4.26	4.27	0.98	0.88	0.21	0.34	1.75	0.00	0.00	0.06	0.00	0.00	0
1133	☐	770	4.50	124.55	0.40	175.81	ceeds Capac	0 - 09:53 hrs	11.08	11.10	1.41	1.00	-51.26	15.40	4.50	1.14	1.18	1.14	1.30	0.97	5
1134	☐	771	5.50	225.47	0.45	231.37	ceeds Capac	0 - 09:59 hrs	9.74	10.00	1.03	1.00	-5.90	39.15	5.50	1.17	1.17	1.29	0.18	0.16	4
1135	☐	772	2.50	36.97	0.81	42.84	ceeds Capac	0 - 10:00 hrs	8.73	8.73	1.16	1.00	-5.87	2.89	2.50	1.00	1.00	1.38	0.24	0.24	2
1136	☐	774	3.50	32.50	0.10	33.15	ceeds Capac	0 - 10:03 hrs	3.45	3.86	1.02	1.00	-0.65	1.74	3.50	0.51	0.51	0.55	0.11	0.10	1
1137	☐	775	3.50	47.83	0.23	42.12	Backwater	0 - 09:59 hrs	4.38	4.38	0.88	1.00	5.71	2.20	3.50	0.55	0.55	0.61	0.00	0.03	1
1138	☐	776	3.50	51.61	0.26	42.13	Backwater	0 - 09:59 hrs	4.38	4.57	0.82	1.00	9.48	2.20	3.50	0.44	0.44	0.55	0.00	0.01	0
1139	☐	777	1.75	5.06	0.14	9.82	ceeds Capac	0 - 09:56 hrs	4.08	4.08	1.94	1.00	-4.75	0.40	1.75	0.64	0.65	0.67	0.20	0.15	2
1140	☐	778	3.50	27.37	0.07	32.21	ceeds Capac	0 - 09:59 hrs	3.35	3.35	1.18	1.00	-4.84	1.34	3.50	0.47	0.47	0.49	0.13	0.10	1
1141	☐	779	3.50	51.12	0.26	34.95	Backwater	0 - 09:56 hrs	4.01	4.01	0.68	1.00	16.17	0.97	3.50	0.42	0.42	0.46	0.00	0.00	1
1142	☐	78	1.75	22.54	2.70	9.67	Free Surface	0 - 09:59 hrs	6.12	6.13	0.43	0.63	12.88	0.34	1.75	0.00	0.00	0.00	0.00	0.00	0
1143	☐	780	2.50	11.91	0.08	12.47	ceeds Capac	0 - 09:42 hrs	2.54	2.54	1.05	1.00	-0.56	1.89	2.50	17.65	17.65	18.04	0.18	0.21	58
1144	☐	781	2.00	10.69	0.22	12.48	ceeds Capac	0 - 09:42 hrs	3.97	3.97	1.17	1.00	-1.79	1.90	2.00	17.81	17.81	18.07	0.36	0.45	75
1145	☐	782	2.00	11.20	0.25	12.48	ceeds Capac	0 - 09:42 hrs	3.97	3.97	1.11	1.00	-1.28	1.91	2.00	17.56	17.56	17.81	0.28	0.29	71
1146	☐	783	2.00	12.29	0.29	12.47	ceeds Capac	0 - 09:42 hrs	3.97	3.97	1.02	1.00	-0.19	2.21	2.00	16.80	16.80	17.56	0.05	0.23	49
1147	☐	784	2.00	14.52	0.41	12.48	Backwater	0 - 09:42 hrs	3.97	3.97	0.86	1.00	2.04	2.22	2.00	16.48	16.48	16.82	0.00	0.03	62
1148	☐	785	2.00	12.74	0.32	13.89	ceeds Capac	0 - 10:08 hrs	4.42	4.42	1.09	1.00	-1.15	2.27	2.00	16.17	16.17	16.42	1.04	1.09	63
1149	☐	786	2.00	12.21	0.29	14.61	ceeds Capac	0 - 10:40 hrs	4.65	4.65	1.20	1.00	-2.40	2.30	2.00	15.79	15.79	16.08	1.09	1.10	55
1150	☐	787	2.00	4.64	0.04	27.24	ceeds Capac	0 - 09:56 hrs	8.67	8.67	5.87	1.00	-22.60	1.34	2.00	14.17	14.20	14.17	1.57	4.15	49
1151	☐	788	2.25	6.50	0.04	27.15	Backwater	0 - 09:56 hrs	6.83	6.83	4.17	1.00	-20.65	1.34	2.25	14.14	14.14	14.18	1.01	3.50	45
1152	☐	789	2.00	12.89	0.32	27.16	ceeds Capac	0 - 09:56 hrs	8.65	8.65	2.11	1.00	-14.28	1.35	2.00	14.22	14.22	14.26	0.48	1.78	51
1153	☐	79	3.00	41.33	0.38	41.53	ceeds Capac	0 - 09:59 hrs	5.88	5.88	1.00	1.00	-0.20	6.08	3.00	1.24	1.24	2.37	0.00	0.02	3
1154	☐	790	2.00	10.12	0.20	27.18	ceeds Capac	0 - 09:56 hrs	8.65	8.65	2.68	1.00	-17.05	1.35	2.00	14.16	14.16	14.16	0.62	0.59	51
1155	☐	792	2.00	15.66	0.48	8.08	Backwater	0 - 09:59 hrs	2.57	2.57	0.52	1.00	7.58	0.27	2.00	14.08	14.08	14.16	0.00	0.00	94
1156	☐	793	2.00	20.76	0.84	2.44	Backwater	0 - 09:59 hrs	0.78	1.49	0.12	1.00	18.32	0.08	2.00	14.03	14.03	14.16	0.00	0.00	58
1157	☐	794	2.00	19.50	0.74	2.65	Backwater	0 - 09:57 hrs	0.87	1.62	0.14	1.00	16.85	0.08	2.00	13.95	13.95	14.03	0.00	0.16	59
1158	☐	796	2.25	10.77	0.12	17.09	ceeds Capac	0 - 09:57 hrs	4.30	4.30	1.59	1.00	-6.31	0.70	2.25	14.06	14.08	14.06	0.29	0.56	56
1159	☐	797	2.00	8.51	0.14	17.06	ceeds Capac	0 - 09:57 hrs	5.43	5.43	2.00	1.00	-8.54	0.71	2.00	14.11	14.11	14.11	0.36	0.42	47
1160	☐	799	2.00	10.90	0.23	17.05	ceeds Capac	0 - 09:57 hrs	5.43	5.43	1.56	1.00	-6.15	0.71	2.00	14.11	14.11	14.11	0.28	0.28	48
1161	☐	8	4.50	136.95	0.49	66.22	Backwater	0 - 11:44 hrs	4.16	4.16	0.48	1.00	70.73	16.03	4.50	18.70	18.70	21.33	0.00	0.00	60
1162	☐	80	2.50	23.79	0.34	17.61	Backwater	0 - 09:56 hrs	3.59	5.00	0.74	1.00	6.18	4.93	2.50	1.11	1.11	1.41	0.00	0.00	4
1163	☐	800	2.00	7.79	0.12	17.04	ceeds Capac	0 - 09:57 hrs	5.42	5.42	2.19	1.00	-9.25	0.72	2.00	14.11	14.11	14.11	0.42	0.77	54
1164	☐	801	2.25	9.77	0.10	22.97	ceeds Capac	0 - 10:04 hrs	5.78	5.78	2.35	1.00	-13.20	1.62	2.25	14.15	14.16	14.15	0.79	2.23	56
1165	☐	802	2.50	12.93	0.10	20.97	ceeds Capac	0 - 09:53 hrs	4.27	4.27	1.62	1.00	-8.04	1.58	2.50	14.14	14.14	14.14	0.59	1.32	63
1166	☐	803	2.50	13.04	0.10	20.97	ceeds Capac	0 - 09:53 hrs	4.27	4.27	1.61	1.00	-7.93	1.58	2.50	14.13	14.14	14.13	0.57	1.33	55
1167	☐	804	2.50	15.22	0.14	20.97	ceeds Capac	0 - 09:53 hrs	4.27	4.27	1.38	1.00	-5.75	1.57	2.50	14.13	14.13	14.14	0.48	0.47	39
1168	☐	805	2.50	23.48	0.33	20.95	Backwater	0 - 09:53 hrs	4.27	4.27	0.89	1.00	2.53	1.56	2.50	14.14	14.14	14.30	0.00	0.02	47
1169	☐	806	2.50	13.53	0.09	20.95	Backwater	0 - 09:53 hrs	4.27	4.27	1.55	1.00	-7.42	1.55	2.50	14.18	14.18	14.30	0.53	0.01	49
1170	☐	807	2.00	15.95	0.50	11.29	Free Surface	0 - 09:59 hrs	5.36	5.37	0.71	0.64	4.66	0.41	2.00	0.00	0.00	0.00	0.00	0.00	0
1171	☐	808	2.00	11.29	0.25	10.74	Free Surface	0 - 10:00 hrs	5.01	5.01	0.95	0.64	0.55	0.41	2.00	0.00	0.00	0.00	0.00	0.00	0
1172	☐	809	2.00	34.93	2.38	10.73	Free Surface	0 - 10:00 hrs	6.28	6.29	0.31	0.54	24.20	0.41	2.00	0.00	0.00	0.00	0.00	0.00	0
1173	☐	81	2.00	32.34	2.04	5.58	Free Surface	0 - 09:56 hrs	2.28	2.49	0.17	0.89	26.75	0.00	2.00	0.00	0.00	1.15	0.00	0.00	0
1174	☐	810	2.00	31.70	1.96	27.43	Free Surface	0 - 09:59 hrs	9.55	9.72	0.87	0.86	4.27	1.07	2.00	0.00	0.00	0.09	0.00	0.00	0
1175	☐	811	2.00	25.50	1.27	27.43	Free Surface	0 - 09:59 hrs	9.62	9.62	1.08	0.86	-1.93	1.07	2.00	0.00	0.09	0.00	0.05	0.00	0
1176	☐	812	2.00	30.66	1.84	26.86	Free Surface	0 - 10:00 hrs	10.67	10.72	0.88	0.75	3.80	1.07	2.00	0.00	0.00	0.00	0.00	0.00	0

FUTURE CONDITIONS 20-YR 24-HR CONDUITS

		ID	Full Depth (ft)	Full Flow (cfs)	Percent Slope (%)	Maximum Flow (cfs)	Maximum Flow Class	Max.Flow Day-Time (day-time)	Velocity at Maximum Flow (ft/s)	Maximum Velocity (ft/s)	Max.Flow/Fu ll Flow	Max.Depth/F ull Depth	Reserve Capacity (cfs)	Total Flow Volume (MG)	Maximum Top Width (ft)	Both End Surcharge Time (hrs)	Upstream Surcharge Time (hrs)	Downstream Surcharge Time (hrs)	Above Full-Flow Time (hrs)	Capacity Limited Time (hrs)	Instability Index
1177	☐	813	2.00	28.14	1.55	26.70	Free Surface	0 - 10:00 hrs	9.52	10.09	0.95	0.87	1.44	1.07	2.00	0.00	0.00	0.00	0.00	0.00	0
1178	☐	814	2.00	22.76	1.01	26.71	Free Surface	0 - 10:00 hrs	8.67	8.67	1.17	0.95	-3.94	1.07	2.00	0.00	0.05	0.00	0.15	0.00	0
1179	☐	815	2.00	37.43	2.74	26.68	Free Surface	0 - 10:00 hrs	12.94	12.94	0.71	0.62	10.75	1.07	2.00	0.00	0.00	0.00	0.00	0.00	0
1180	☐	816	2.75	8.74	0.03	57.96	Free Surface	0 - 09:59 hrs	9.97	9.97	6.63	0.95	-49.21	4.01	2.75	0.00	0.00	0.65	3.61	0.00	1
1181	☐	817	2.75	47.71	0.81	52.14	ceeds Capac	0 - 10:14 hrs	8.78	8.78	1.09	1.00	-4.43	3.79	2.75	0.48	0.48	0.65	0.36	0.36	1
1182	☐	818	2.50	42.45	1.07	52.13	ceeds Capac	0 - 10:14 hrs	10.62	10.62	1.23	1.00	-9.68	3.79	2.50	0.45	0.45	0.50	0.42	0.41	1
1183	☐	819	2.50	69.89	2.90	73.63	ceeds Capac	0 - 10:00 hrs	15.00	15.00	1.05	1.00	-3.74	3.93	2.50	0.26	0.26	0.44	0.18	0.18	0
1184	☐	82	2.50	20.80	0.26	12.95	Backwater	0 - 09:56 hrs	2.72	4.76	0.62	1.00	7.84	4.92	2.50	0.80	0.80	1.03	0.00	0.01	6
1185	☐	820	2.50	68.99	2.83	44.26	Free Surface	0 - 09:59 hrs	10.63	10.63	0.64	0.79	24.73	1.94	2.50	0.00	0.00	0.26	0.00	0.00	0
1186	☐	821	2.50	33.24	0.66	44.79	Free Surface	0 - 09:59 hrs	9.33	9.33	1.35	0.94	-11.55	1.94	2.50	0.00	0.16	0.00	0.22	0.00	0
1187	☐	822	2.50	31.67	0.60	44.80	ceeds Capac	0 - 09:59 hrs	9.13	9.13	1.41	1.00	-13.13	1.94	2.50	0.14	0.18	0.14	0.23	0.14	0
1188	☐	823	2.50	29.61	0.52	44.83	ceeds Capac	0 - 09:59 hrs	9.13	9.13	1.51	1.00	-15.22	1.94	2.50	0.18	0.19	0.18	0.26	0.18	0
1189	☐	824	4.50	563.18	8.20	110.43	Free Surface	0 - 10:07 hrs	17.30	19.16	0.20	0.42	452.75	20.99	4.45	0.00	0.00	0.00	0.00	0.00	0
1190	☐	825	4.50	137.74	0.49	110.53	Free Surface	0 - 10:07 hrs	9.61	9.61	0.80	0.68	27.21	20.99	4.50	0.00	0.00	0.00	0.00	0.00	0
1191	☐	826	4.50	155.55	0.63	110.51	Free Surface	0 - 10:07 hrs	10.61	10.61	0.71	0.62	45.03	21.00	4.50	0.00	0.00	0.00	0.00	0.00	0
1192	☐	827	4.00	430.88	9.00	110.61	Free Surface	0 - 10:06 hrs	16.63	16.64	0.26	0.52	320.27	21.00	4.00	0.00	0.00	0.00	0.00	0.00	0
1193	☐	828	4.00	67.05	0.22	110.62	Free Surface	0 - 10:06 hrs	9.81	9.81	1.65	0.84	-43.56	21.00	4.00	0.00	0.00	0.00	3.34	0.00	0
1194	☐	829	4.00	125.82	0.77	110.56	Free Surface	0 - 10:06 hrs	10.17	10.17	0.88	0.81	15.26	21.01	4.00	0.00	0.00	0.00	0.00	0.00	0
1195	☐	83	1.50	5.69	0.39	12.28	ceeds Capac	0 - 12:11 hrs	7.12	7.12	2.16	1.00	-6.59	4.93	1.50	1.15	14.74	1.15	15.49	1.13	20
1196	☐	830	4.00	90.18	0.39	110.56	Free Surface	0 - 10:06 hrs	9.30	9.30	1.23	0.90	-20.38	21.01	4.00	0.00	0.12	0.00	1.97	0.00	0
1197	☐	831	2.25	29.96	0.94	24.11	Backwater	0 - 10:30 hrs	6.06	6.29	0.80	1.00	5.85	7.22	2.25	1.95	1.95	4.55	0.00	0.00	3
1198	☐	832	2.25	19.21	0.38	24.10	ceeds Capac	0 - 09:59 hrs	6.06	6.06	1.25	1.00	-4.89	7.22	2.25	1.82	2.78	1.82	5.14	1.82	7
1199	☐	833	2.25	19.56	0.40	24.10	ceeds Capac	0 - 09:59 hrs	6.06	6.06	1.23	1.00	-4.54	7.22	2.25	2.95	3.20	2.95	4.37	2.95	12
1200	☐	834	2.25	32.05	1.07	24.86	Backwater	0 - 10:03 hrs	6.25	6.70	0.78	1.00	7.19	7.24	2.25	2.81	2.81	3.20	0.00	0.01	14
1201	☐	835	2.25	21.68	0.49	24.83	ceeds Capac	0 - 10:03 hrs	6.25	6.41	1.15	1.00	-3.15	7.24	2.25	2.45	2.45	2.81	2.53	2.18	5
1202	☐	837	3.50	51.11	0.26	86.09	ceeds Capac	0 - 09:59 hrs	8.95	8.95	1.68	1.00	-34.98	12.46	3.50	1.48	1.58	1.48	1.82	1.48	5
1203	☐	838	3.50	55.38	0.30	78.16	ceeds Capac	0 - 10:18 hrs	8.12	8.12	1.41	1.00	-22.79	11.81	3.50	1.55	1.55	1.68	1.48	1.48	2
1204	☐	839	3.00	34.02	0.26	35.49	ceeds Capac	0 - 10:33 hrs	5.02	5.02	1.04	1.00	-1.47	4.92	3.00	1.51	1.51	1.66	0.22	0.24	5
1205	☐	84	2.50	51.72	1.59	39.29	Backwater	0 - 09:59 hrs	8.00	8.00	0.76	1.00	12.43	2.46	2.50	4.19	4.19	12.34	0.00	0.00	21
1206	☐	840	2.00	16.40	0.53	21.60	ceeds Capac	0 - 09:49 hrs	6.87	6.87	1.32	1.00	-5.20	2.32	2.00	0.98	0.98	1.12	0.61	0.60	1
1207	☐	841	2.00	17.27	0.58	25.23	ceeds Capac	0 - 09:59 hrs	8.03	8.03	1.46	1.00	-7.96	1.93	2.00	0.90	0.90	0.98	0.65	0.64	1
1208	☐	842	2.00	6.49	0.08	21.59	ceeds Capac	0 - 09:49 hrs	6.87	6.87	3.33	1.00	-15.10	2.31	2.00	0.87	1.29	0.87	3.02	0.87	3
1209	☐	843	2.00	19.63	0.75	21.60	ceeds Capac	0 - 09:49 hrs	6.88	6.88	1.10	1.00	-1.97	2.24	2.00	0.99	0.99	1.05	0.24	0.27	2
1210	☐	844	2.00	20.30	0.81	21.60	ceeds Capac	0 - 09:49 hrs	6.87	7.12	1.06	1.00	-1.29	2.31	2.00	0.95	0.95	0.97	0.17	0.15	3
1211	☐	845	2.00	17.26	0.58	28.93	ceeds Capac	0 - 09:49 hrs	9.21	9.21	1.68	1.00	-11.67	3.01	2.00	0.91	1.10	0.91	1.23	0.90	2
1212	☐	846	1.25	9.56	2.91	9.72	ceeds Capac	0 - 09:59 hrs	7.92	8.74	1.02	1.00	-0.17	0.32	1.25	0.06	0.06	0.12	0.01	0.01	0
1213	☐	847	2.50	30.25	0.54	58.49	ceeds Capac	0 - 09:59 hrs	11.92	11.92	1.93	1.00	-28.24	4.32	2.50	0.37	0.72	0.37	0.90	0.37	0
1214	☐	848	1.25	9.98	3.18	9.72	Backwater	0 - 09:59 hrs	7.92	7.92	0.97	1.00	0.25	0.32	1.25	0.16	0.16	1.09	0.00	0.00	0
1215	☐	849	2.25	23.60	0.58	43.46	ceeds Capac	0 - 09:57 hrs	10.93	10.93	1.84	1.00	-19.86	3.83	2.25	0.46	0.77	0.46	1.06	0.46	2
1216	☐	85	3.50	27.09	0.07	56.46	Backwater	0 - 09:59 hrs	5.87	5.87	2.08	1.00	-29.38	0.17	3.50	10.60	10.60	11.68	0.82	0.80	32
1217	☐	850	2.25	31.57	1.04	43.44	ceeds Capac	0 - 09:57 hrs	10.92	10.92	1.38	1.00	-11.87	3.83	2.25	0.72	0.72	0.77	0.72	0.71	2
1218	☐	851	2.25	35.65	1.32	43.45	ceeds Capac	0 - 09:57 hrs	10.93	10.93	1.22	1.00	-7.81	3.83	2.25	0.68	0.68	0.72	0.48	0.48	2
1219	☐	852	2.25	32.15	1.08	37.27	ceeds Capac	0 - 09:57 hrs	9.37	9.52	1.16	1.00	-5.11	3.63	2.25	0.66	0.66	0.68	0.67	0.63	3
1220	☐	853	2.25	36.89	1.42	37.27	ceeds Capac	0 - 09:57 hrs	9.37	10.70	1.01	1.00	-0.39	3.62	2.25	0.54	0.54	0.63	0.03	0.10	3
1221	☐	854	2.25	26.62	0.74	33.92	ceeds Capac	0 - 09:52 hrs	8.56	8.65	1.27	1.00	-7.30	3.37	2.25	0.54	0.70	0.54	0.77	0.53	2
1222	☐	855	2.25	19.68	0.40	28.93	ceeds Capac	0 - 09:49 hrs	7.30	7.43	1.47	1.00	-9.25	3.01	2.25	0.70	0.85	0.70	1.01	0.65	1
1223	☐	856	2.50	13.58	0.11	58.52	ceeds Capac	0 - 09:59 hrs	11.92	11.92	4.31	1.00	-44.93	4.32	2.50	0.10	0.77	0.10	2.42	0.10	1
1224	☐	857	1.25	8.07	2.08	7.22	Free Surface	0 - 09:59 hrs	7.44	7.44	0.89	0.83	0.85	0.21	1.25	0.00	0.00	0.07	0.00	0.00	0
1225	☐	858	1.25	7.04	1.58	6.96	Backwater	0 - 09:59 hrs	5.95	6.55	0.99	1.00	0.08	0.21	1.25	0.09	0.09	0.11	0.00	0.00	0

FUTURE CONDITIONS 20-YR 24-HR CONDUITS

		ID	Full Depth (ft)	Full Flow (cfs)	Percent Slope (%)	Maximum Flow (cfs)	Maximum Flow Class	Max.Flow Day-Time (day-time)	Velocity at Maximum Flow (ft/s)	Maximum Velocity (ft/s)	Max.Flow/Fu ll Flow	Max.Depth/F ull Depth	Reserve Capacity (cfs)	Total Flow Volume (MG)	Maximum Top Width (ft)	Both End Surcharge Time (hrs)	Upstream Surcharge Time (hrs)	Downstream Surcharge Time (hrs)	Above Full-Flow Time (hrs)	Capacity Limited Time (hrs)	Instability Index
1226	☐	859	2.50	50.38	1.51	58.50	ceeds Capac	0 - 09:59 hrs	12.00	12.00	1.16	1.00	-8.12	4.32	2.50	0.07	0.15	0.07	0.24	0.07	0
1227	☐	86	3.00	82.34	1.52	42.93	Backwater	0 - 10:55 hrs	6.07	9.57	0.52	1.00	39.41	4.91	3.00	1.66	1.66	2.41	0.00	0.00	6
1228	☐	860	1.25	7.00	1.56	2.03	Backwater	0 - 09:59 hrs	1.75	1.80	0.29	1.00	4.97	0.00	1.25	0.05	0.05	0.11	0.00	0.00	0
1229	☐	862	1.75	41.79	9.26	30.38	Free Surface	0 - 09:59 hrs	14.45	14.45	0.73	0.82	11.41	1.56	0.69	0.00	0.00	23.81	0.00	0.00	0
1230	☐	863	2.00	14.57	0.41	27.38	Free Surface	0 - 09:59 hrs	8.87	8.87	1.88	0.95	-12.81	1.46	2.00	0.00	0.43	0.00	0.53	0.00	0
1231	☐	864	2.00	18.73	0.69	16.87	Backwater	0 - 10:11 hrs	5.37	5.45	0.90	1.00	1.87	1.06	2.00	0.29	0.29	0.38	0.00	0.00	1
1232	☐	865	2.00	22.19	0.96	38.59	ceeds Capac	0 - 10:06 hrs	12.28	12.28	1.74	1.00	-16.40	1.98	2.00	0.22	0.39	0.22	0.44	0.22	1
1233	☐	866	3.00	54.58	0.67	38.75	Free Surface	0 - 09:56 hrs	8.16	8.27	0.71	0.64	15.82	1.97	3.00	0.00	0.00	0.00	0.00	0.00	0
1234	☐	867	2.00	26.37	1.36	15.16	Backwater	0 - 10:00 hrs	4.83	5.05	0.57	1.00	11.21	0.66	2.00	0.23	0.23	0.58	0.00	0.00	0
1235	☐	868	2.00	39.17	3.00	15.16	Backwater	0 - 10:00 hrs	4.82	9.58	0.39	1.00	24.01	0.66	2.00	0.18	0.18	0.23	0.00	0.00	0
1236	☐	869	1.50	6.41	0.50	12.66	Free Surface	0 - 10:06 hrs	7.32	7.32	1.98	0.95	-6.25	0.66	1.50	0.00	0.47	0.00	0.55	0.00	0
1237	☐	87	5.00	153.19	0.35	181.11	ceeds Capac	0 - 11:10 hrs	9.22	9.22	1.18	1.00	-27.92	33.15	5.00	2.31	2.39	2.32	2.05	1.81	8
1238	☐	870	2.00	18.90	0.70	24.04	ceeds Capac	0 - 10:00 hrs	7.79	7.79	1.27	1.00	-5.14	0.96	2.00	0.09	0.15	0.10	0.19	0.09	0
1239	☐	871	2.00	22.96	1.03	23.72	Backwater	0 - 09:59 hrs	7.70	7.72	1.03	1.00	-0.76	0.96	2.00	0.04	0.04	0.15	0.04	0.00	0
1240	☐	872	2.00	16.23	0.51	25.14	ceeds Capac	0 - 09:59 hrs	8.20	8.20	1.55	1.00	-8.91	0.96	2.00	0.04	0.19	0.04	0.24	0.04	0
1241	☐	873	2.75	27.27	0.27	41.87	ceeds Capac	0 - 10:41 hrs	7.05	7.05	1.54	1.00	-14.59	6.08	2.75	1.67	1.67	2.51	1.47	1.47	2
1242	☐	875	1.75	48.34	12.39	0.90	Free Surface	0 - 09:56 hrs	0.43	0.47	0.02	0.95	47.44	0.00	1.75	0.00	0.00	14.16	0.00	0.00	0
1243	☐	876	2.75	33.75	0.41	41.87	ceeds Capac	0 - 10:41 hrs	7.05	7.05	1.24	1.00	-8.12	6.07	2.61	3.35	3.35	23.96	1.19	1.17	52
1244	☐	877	2.00	21.57	0.91	22.35	ceeds Capac	0 - 09:59 hrs	7.12	7.12	1.04	1.00	-0.78	0.90	2.00	0.27	0.27	0.86	0.01	0.02	0
1245	☐	878	1.50	7.58	0.69	3.66	Backwater	0 - 09:56 hrs	2.21	2.21	0.48	1.00	3.91	0.00	1.50	0.21	0.21	0.23	0.00	0.00	0
1246	☐	879	1.50	9.69	1.13	16.53	ceeds Capac	0 - 10:22 hrs	9.36	9.36	1.71	1.00	-6.84	1.66	1.50	0.80	0.92	0.80	1.02	0.80	0
1247	☐	88	5.00	169.92	0.43	148.86	Backwater	0 - 12:00 hrs	7.58	8.44	0.88	1.00	21.06	28.44	5.00	2.19	2.19	2.39	0.00	0.00	9
1248	☐	880	2.00	40.67	3.23	21.11	Free Surface	0 - 09:59 hrs	7.47	7.47	0.52	0.84	19.57	0.92	2.00	0.00	0.00	1.06	0.00	0.00	0
1249	☐	881	2.00	15.98	0.50	27.18	ceeds Capac	0 - 10:12 hrs	8.65	8.65	1.70	1.00	-11.20	2.51	1.95	2.03	2.03	23.94	0.89	0.91	50
1250	☐	882	2.00	15.03	1.26	16.54	ceeds Capac	0 - 10:22 hrs	5.26	5.26	1.10	1.00	-1.51	1.63	2.00	1.30	1.30	1.92	0.26	0.25	3
1251	☐	884	2.00	21.37	0.89	15.20	Backwater	0 - 09:49 hrs	4.84	6.70	0.71	1.00	6.17	1.38	2.00	1.23	1.23	1.27	0.00	0.01	4
1252	☐	885	2.50	18.34	0.20	23.85	ceeds Capac	0 - 09:48 hrs	4.86	4.86	1.30	1.00	-5.51	3.32	2.50	1.26	1.30	1.26	0.89	0.66	3
1253	☐	886	2.50	20.40	0.25	31.38	ceeds Capac	0 - 09:48 hrs	6.39	6.39	1.54	1.00	-10.98	4.22	2.50	1.21	1.26	1.21	1.62	1.18	6
1254	☐	887	2.50	19.23	0.22	31.39	ceeds Capac	0 - 09:48 hrs	6.39	6.39	1.63	1.00	-12.16	4.21	2.50	1.19	1.21	1.19	1.74	1.18	6
1255	☐	888	2.50	21.68	0.28	31.38	ceeds Capac	0 - 09:48 hrs	6.39	6.39	1.45	1.00	-9.71	4.21	2.50	1.18	1.19	1.18	1.52	1.02	7
1256	☐	889	2.50	18.97	0.21	31.37	ceeds Capac	0 - 09:48 hrs	6.39	6.39	1.65	1.00	-12.40	4.21	2.50	1.17	1.19	1.17	1.77	0.99	7
1257	☐	89	5.00	142.01	0.30	148.95	ceeds Capac	0 - 11:53 hrs	7.59	8.88	1.05	1.00	-6.94	28.45	5.00	2.18	2.20	2.19	1.18	1.08	9
1258	☐	890	2.50	22.04	0.29	31.40	ceeds Capac	0 - 09:48 hrs	6.40	6.40	1.42	1.00	-9.36	4.21	2.50	1.16	1.17	1.16	1.49	1.08	6
1259	☐	891	2.50	20.83	0.26	31.40	ceeds Capac	0 - 09:48 hrs	6.49	6.71	1.51	1.00	-10.57	4.21	2.50	1.11	1.17	1.11	1.59	1.11	5
1260	☐	892	2.50	47.16	1.32	69.91	ceeds Capac	0 - 10:00 hrs	14.26	14.26	1.48	1.00	-22.74	7.31	2.50	0.16	1.14	0.16	0.89	0.16	1
1261	☐	893	2.50	31.25	0.58	37.56	ceeds Capac	0 - 10:11 hrs	7.65	7.65	1.20	1.00	-6.31	5.33	2.50	1.12	1.15	1.14	1.21	1.10	4
1262	☐	894	2.50	14.51	0.13	13.58	Backwater	0 - 10:18 hrs	2.77	2.77	0.94	1.00	0.92	1.13	2.50	1.05	1.05	1.14	0.00	0.03	3
1263	☐	895	2.75	35.15	0.44	13.58	Backwater	0 - 10:18 hrs	2.29	3.37	0.39	1.00	21.57	1.13	2.75	0.86	0.86	0.89	0.00	0.18	6
1264	☐	896	3.50	68.19	0.46	69.84	ceeds Capac	0 - 09:59 hrs	7.26	7.26	1.02	1.00	-1.64	8.01	3.50	0.43	0.43	0.70	0.13	0.11	1
1265	☐	897	3.50	85.65	0.72	72.05	Backwater	0 - 09:55 hrs	7.52	8.80	0.84	1.00	13.60	8.01	3.50	0.36	0.36	0.43	0.00	0.05	1
1266	☐	898	3.50	42.25	0.18	72.10	ceeds Capac	0 - 09:55 hrs	7.57	8.17	1.71	1.00	-29.85	8.01	3.50	0.36	0.60	0.36	1.38	0.36	2
1267	☐	899	3.50	126.05	1.57	72.05	Backwater	0 - 09:55 hrs	7.49	8.25	0.57	1.00	54.00	8.02	3.50	0.49	0.49	0.60	0.00	0.00	2
1268	☐	9	4.00	62.38	0.54	51.00	Free Surface	0 - 10:04 hrs	6.16	6.16	0.82	0.63	11.39	3.04	4.00	0.00	0.00	0.00	0.00	0.00	0
1269	☐	90	5.00	143.61	0.30	144.59	ceeds Capac	0 - 12:03 hrs	7.36	8.09	1.01	1.00	-0.98	27.10	5.00	2.20	2.20	2.20	0.17	0.31	9
1270	☐	900	2.75	12.44	0.16	31.70	Backwater	0 - 09:52 hrs	5.35	6.09	2.55	1.00	-19.26	4.01	2.75	0.56	0.56	0.59	2.98	0.08	3
1271	☐	901	2.75	19.13	0.37	28.28	ceeds Capac	0 - 09:52 hrs	4.85	4.92	1.48	1.00	-9.15	4.01	2.75	0.59	1.46	0.59	1.70	0.59	4
1272	☐	902	3.75	31.13	0.07	69.88	ceeds Capac	0 - 09:59 hrs	6.33	6.33	2.24	1.00	-38.75	8.01	3.75	0.37	0.42	0.37	2.01	0.29	2
1273	☐	903	3.50	45.38	0.20	69.97	ceeds Capac	0 - 09:56 hrs	7.28	7.28	1.54	1.00	-24.58	8.01	3.50	0.28	0.67	0.28	1.27	0.28	1
1274	☐	904	3.50	48.13	0.23	69.81	Free Surface	0 - 09:59 hrs	8.25	8.39	1.45	0.83	-21.68	8.00	3.50	0.00	0.22	0.00	1.15	0.00	0

FUTURE CONDITIONS 20-YR 24-HR CONDUITS

		ID	Full Depth (ft)	Full Flow (cfs)	Percent Slope (%)	Maximum Flow (cfs)	Maximum Flow Class	Max.Flow Day-Time (day-time)	Velocity at Maximum Flow (ft/s)	Maximum Velocity (ft/s)	Max.Flow/Fu ll Flow	Max.Depth/F ull Depth	Reserve Capacity (cfs)	Total Flow Volume (MG)	Maximum Top Width (ft)	Both End Surcharge Time (hrs)	Upstream Surcharge Time (hrs)	Downstream Surcharge Time (hrs)	Above Full-Flow Time (hrs)	Capacity Limited Time (hrs)	Instability Index
1275	☐	905	3.50	58.96	0.34	73.16	ceeds Capac	0 - 09:56 hrs	7.64	7.65	1.24	1.00	-14.20	8.01	3.50	0.22	0.28	0.22	0.75	0.22	1
1276	☐	906	3.00	105.81	2.52	93.77	Free Surface	0 - 09:59 hrs	14.25	14.25	0.89	0.88	12.05	9.04	3.00	0.00	0.00	0.91	0.00	0.00	0
1277	☐	907	2.25	31.09	1.01	50.07	ceeds Capac	0 - 10:06 hrs	12.59	12.59	1.61	1.00	-18.98	4.56	2.25	0.92	0.94	0.97	0.97	0.90	1
1278	☐	908	2.50	35.72	0.76	26.46	Backwater	0 - 10:41 hrs	5.50	7.10	0.74	1.00	9.26	2.91	2.50	0.76	0.76	0.87	0.00	0.00	2
1279	☐	909	2.25	27.23	0.77	27.71	Backwater	0 - 09:52 hrs	7.21	7.82	1.02	1.00	-0.48	2.91	2.25	0.76	0.76	0.79	0.00	0.04	3
1280	☐	91	5.00	169.83	0.43	141.90	Backwater	0 - 11:55 hrs	7.29	8.64	0.84	1.00	27.93	26.13	5.00	1.58	1.58	2.20	0.00	0.00	9
1281	☐	910	2.25	25.74	0.69	29.67	ceeds Capac	0 - 09:52 hrs	7.78	7.78	1.15	1.00	-3.93	2.91	2.25	0.71	0.71	0.71	0.29	0.27	3
1282	☐	911	2.25	25.50	0.68	35.64	ceeds Capac	0 - 09:52 hrs	8.98	8.98	1.40	1.00	-10.14	2.92	2.25	0.68	0.71	0.71	0.34	0.24	2
1283	☐	912	2.25	18.80	0.37	14.77	Backwater	0 - 10:03 hrs	3.71	3.73	0.79	1.00	4.02	0.78	2.25	0.64	0.64	0.71	0.00	0.00	0
1284	☐	913	1.75	6.51	0.22	6.68	Backwater	0 - 09:52 hrs	2.78	2.78	1.03	1.00	-0.17	0.02	1.75	0.68	0.68	0.72	0.00	0.00	2
1285	☐	914	1.75	6.85	0.25	6.71	Backwater	0 - 09:52 hrs	2.79	2.79	0.98	1.00	0.15	0.00	1.75	0.67	0.67	0.68	0.00	0.08	3
1286	☐	916	1.75	6.91	0.25	7.08	Backwater	0 - 09:52 hrs	3.07	3.07	1.03	1.00	-0.17	0.00	1.75	0.63	0.63	0.67	0.00	0.01	3
1287	☐	918	1.50	7.10	0.61	1.65	Backwater	0 - 09:45 hrs	1.08	1.08	0.23	1.00	5.44	0.00	1.50	1.24	1.24	1.63	0.00	0.00	6
1288	☐	919	2.50	15.09	0.14	28.24	ceeds Capac	0 - 09:52 hrs	5.75	5.75	1.87	1.00	-13.15	4.02	2.50	1.59	1.73	1.59	2.36	1.59	5
1289	☐	92	5.00	140.45	0.29	153.90	Backwater	0 - 09:55 hrs	8.82	8.86	1.10	1.00	-13.45	26.15	5.00	1.42	1.42	1.58	0.20	0.00	6
1290	☐	922	2.50	23.40	0.33	39.48	ceeds Capac	0 - 09:59 hrs	8.04	8.04	1.69	1.00	-16.09	4.23	2.50	1.67	1.67	1.73	1.35	1.31	6
1291	☐	923	2.50	25.34	0.38	19.24	Backwater	0 - 10:18 hrs	3.92	5.50	0.76	1.00	6.09	2.82	2.50	1.34	1.34	1.41	0.00	0.00	6
1292	☐	924	2.50	13.00	0.10	19.24	ceeds Capac	0 - 10:18 hrs	3.92	5.21	1.48	1.00	-6.24	2.82	2.50	1.28	1.31	1.28	1.54	0.94	7
1293	☐	925	2.25	17.46	0.32	12.41	Backwater	0 - 10:57 hrs	3.12	3.73	0.71	1.00	5.05	1.85	2.25	1.29	1.29	1.36	0.00	0.00	7
1294	☐	926	1.75	5.85	0.18	14.86	ceeds Capac	0 - 09:47 hrs	6.20	6.39	2.54	1.00	-9.01	1.85	1.75	1.24	2.17	1.24	3.24	1.24	7
1295	☐	927	2.25	16.48	0.28	14.02	Backwater	0 - 09:47 hrs	3.92	4.48	0.85	1.00	2.46	1.85	2.25	1.19	1.19	1.29	0.00	0.00	7
1296	☐	929	2.00	14.81	0.43	9.67	Backwater	0 - 09:49 hrs	3.08	3.57	0.65	1.00	5.14	0.76	2.00	1.42	1.42	1.54	0.00	0.00	5
1297	☐	93	5.00	152.21	0.34	189.44	ceeds Capac	0 - 11:10 hrs	9.65	9.65	1.24	1.00	-37.23	35.57	5.00	1.49	2.32	1.49	2.63	1.49	9
1298	☐	930	2.00	23.39	1.07	24.02	Backwater	0 - 09:59 hrs	8.29	8.57	1.03	1.00	-0.63	0.96	2.00	0.10	0.10	0.12	0.04	0.02	0
1299	☐	931	3.50	62.28	0.38	50.35	Backwater	0 - 10:00 hrs	5.83	6.84	0.81	1.00	11.93	6.60	3.50	0.18	0.18	0.24	0.00	0.00	0
1300	☐	932	3.00	23.09	0.12	28.65	ceeds Capac	0 - 10:15 hrs	4.84	5.45	1.24	1.00	-5.56	5.64	3.00	0.19	0.20	0.19	2.04	0.03	0
1301	☐	933	3.00	16.13	0.06	27.86	ceeds Capac	0 - 10:15 hrs	4.23	4.32	1.73	1.00	-11.73	5.64	3.00	0.19	0.25	0.19	3.84	0.14	0
1302	☐	934	3.00	16.58	0.06	28.48	ceeds Capac	0 - 09:41 hrs	4.06	4.06	1.72	1.00	-11.90	5.65	3.00	0.25	1.79	0.25	3.72	0.17	2
1303	☐	935	2.50	20.73	0.26	28.02	ceeds Capac	0 - 09:42 hrs	5.71	5.71	1.35	1.00	-7.28	5.65	2.50	2.67	2.67	2.72	2.61	2.51	10
1304	☐	936	2.50	17.31	0.18	28.01	ceeds Capac	0 - 09:42 hrs	5.71	5.71	1.62	1.00	-10.70	5.70	2.50	2.67	2.69	2.67	3.31	2.55	13
1305	☐	937	2.50	12.31	0.09	20.31	ceeds Capac	0 - 10:33 hrs	4.14	4.14	1.65	1.00	-8.00	2.33	2.50	2.77	2.77	2.97	1.39	1.44	8
1306	☐	938	2.50	11.35	0.08	30.39	ceeds Capac	0 - 09:59 hrs	6.19	6.19	2.68	1.00	-19.04	5.72	2.50	2.69	2.91	2.69	5.51	2.69	13
1307	☐	939	2.50	23.33	0.32	25.62	Backwater	0 - 09:59 hrs	5.22	5.22	1.10	1.00	-2.30	1.65	2.50	2.66	2.66	2.73	0.12	0.02	10
1308	☐	94	1.50	10.30	0.82	13.49	ceeds Capac	0 - 11:41 hrs	7.63	7.63	1.31	1.00	-3.19	3.09	1.50	3.54	3.54	3.62	3.63	3.46	11
1309	☐	940	2.25	18.85	0.37	30.42	ceeds Capac	0 - 10:11 hrs	7.65	7.65	1.61	1.00	-11.57	2.77	2.25	2.13	2.13	2.74	0.87	0.86	4
1310	☐	941	2.25	18.54	0.36	32.18	ceeds Capac	0 - 10:11 hrs	8.09	8.09	1.74	1.00	-13.64	2.42	2.25	1.68	1.68	2.13	0.71	0.72	3
1311	☐	942	2.00	27.56	1.48	38.61	ceeds Capac	0 - 10:03 hrs	12.29	12.29	1.40	1.00	-11.05	1.98	2.00	0.34	0.34	0.37	0.34	0.32	0
1312	☐	943	2.00	29.52	1.70	38.59	ceeds Capac	0 - 10:06 hrs	12.28	12.28	1.31	1.00	-9.07	1.98	2.00	0.31	0.31	0.34	0.29	0.28	0
1313	☐	945	2.00	23.72	1.10	24.63	ceeds Capac	0 - 10:06 hrs	7.84	7.84	1.04	1.00	-0.90	1.23	2.00	0.27	0.27	0.31	0.18	0.18	0
1314	☐	946	2.00	12.30	0.39	9.66	Backwater	0 - 09:49 hrs	3.08	4.13	0.79	1.00	2.63	0.76	2.00	1.22	1.22	1.42	0.00	0.00	3
1315	☐	948	2.00	11.52	0.26	13.65	ceeds Capac	0 - 10:55 hrs	4.49	4.97	1.18	1.00	-2.13	3.01	2.00	1.10	1.13	1.10	2.22	0.35	2
1316	☐	949	2.00	3.10	0.02	13.55	ceeds Capac	0 - 09:37 hrs	4.38	4.38	4.38	1.00	-10.45	3.04	2.00	1.13	2.42	1.13	13.30	1.10	5
1317	☐	95	1.50	10.70	0.88	13.49	ceeds Capac	0 - 11:45 hrs	7.63	7.63	1.26	1.00	-2.79	3.09	1.50	3.46	3.46	3.54	2.66	2.70	11
1318	☐	950	2.00	10.70	0.22	25.79	ceeds Capac	0 - 09:49 hrs	8.21	8.21	2.41	1.00	-15.10	3.13	2.00	1.26	1.68	1.26	2.56	1.08	4
1319	☐	951	2.00	24.42	1.16	25.79	ceeds Capac	0 - 09:49 hrs	8.21	8.21	1.06	1.00	-1.38	3.31	2.00	1.21	1.21	1.68	0.03	0.03	2
1320	☐	952	2.00	21.69	0.92	21.13	Backwater	0 - 09:59 hrs	6.73	7.54	0.97	1.00	0.56	2.60	2.00	1.11	1.11	1.18	0.00	0.00	5
1321	☐	953	2.00	21.86	0.93	21.14	Backwater	0 - 09:59 hrs	6.73	7.80	0.97	1.00	0.72	2.60	2.00	1.01	1.01	1.07	0.00	0.00	3
1322	☐	955	2.00	21.66	0.92	21.14	Backwater	0 - 09:59 hrs	6.73	7.83	0.98	1.00	0.52	2.60	2.00	0.94	0.94	0.98	0.00	0.00	3
1323	☐	956	1.50	11.13	0.96	13.90	ceeds Capac	0 - 09:59 hrs	7.87	7.87	1.25	1.00	-2.77	0.48	1.50	0.57	0.57	0.96	0.14	0.14	1

FUTURE CONDITIONS 20-YR 24-HR CONDUITS

		ID	Full Depth (ft)	Full Flow (cfs)	Percent Slope (%)	Maximum Flow (cfs)	Maximum Flow Class	Max.Flow Day-Time (day-time)	Velocity at Maximum Flow (ft/s)	Maximum Velocity (ft/s)	Max.Flow/Fu ll Flow	Max.Depth/F ull Depth	Reserve Capacity (cfs)	Total Flow Volume (MG)	Maximum Top Width (ft)	Both End Surcharge Time (hrs)	Upstream Surcharge Time (hrs)	Downstream Surcharge Time (hrs)	Above Full-Flow Time (hrs)	Capacity Limited Time (hrs)	Instability Index
1324	☐	957	1.75	5.29	0.15	16.22	ceeds Capac	0 - 09:51 hrs	6.78	6.82	3.07	1.00	-10.93	2.12	1.75	0.87	2.83	0.87	4.15	0.87	6
1325	☐	958	2.50	60.69	2.19	36.27	Backwater	0 - 10:37 hrs	7.39	7.39	0.60	1.00	24.42	6.20	2.50	2.61	2.61	4.44	0.00	0.00	9
1326	☐	959	2.50	23.76	0.34	39.87	ceeds Capac	0 - 09:59 hrs	8.12	8.12	1.68	1.00	-16.11	6.48	2.50	2.61	2.81	2.61	3.04	2.61	12
1327	☐	96	1.50	10.67	0.88	13.49	ceeds Capac	0 - 11:59 hrs	7.64	7.64	1.26	1.00	-2.82	3.08	1.50	3.37	3.37	3.46	2.69	2.77	12
1328	☐	960	2.50	23.28	0.32	39.87	ceeds Capac	0 - 09:59 hrs	8.12	8.12	1.71	1.00	-16.59	6.48	2.50	2.81	2.90	2.81	3.10	2.81	12
1329	☐	961	2.50	23.50	0.33	39.86	ceeds Capac	0 - 09:59 hrs	8.12	8.12	1.70	1.00	-16.37	6.48	2.50	2.90	2.92	2.90	3.06	2.75	15
1330	☐	962	2.50	23.29	0.32	31.42	ceeds Capac	0 - 11:21 hrs	6.40	6.40	1.35	1.00	-8.13	5.13	2.50	2.89	2.89	2.92	2.04	2.02	12
1331	☐	963	2.50	23.21	0.32	31.42	ceeds Capac	0 - 11:21 hrs	6.40	6.40	1.35	1.00	-8.21	5.13	2.50	2.87	2.87	2.89	2.05	2.02	11
1332	☐	964	2.50	27.64	0.45	37.43	ceeds Capac	0 - 09:55 hrs	7.63	7.63	1.35	1.00	-9.79	5.61	2.50	2.66	2.66	2.86	2.02	2.00	13
1333	☐	965	2.50	21.21	0.27	37.41	ceeds Capac	0 - 10:30 hrs	7.62	7.62	1.76	1.00	-16.21	5.61	2.50	2.61	2.63	2.61	2.88	2.58	12
1334	☐	966	2.50	22.21	0.29	37.44	ceeds Capac	0 - 10:03 hrs	7.63	7.63	1.69	1.00	-15.23	5.61	2.50	2.61	2.62	2.62	2.79	2.34	13
1335	☐	967	3.00	79.91	1.44	56.66	Backwater	0 - 09:56 hrs	9.40	11.99	0.71	1.00	23.25	4.16	3.00	0.19	0.19	0.25	0.00	0.00	0
1336	☐	968	2.50	23.39	0.33	37.47	ceeds Capac	0 - 09:55 hrs	7.63	7.63	1.60	1.00	-14.08	5.61	2.50	2.60	2.60	2.60	2.57	2.16	13
1337	☐	969	3.00	64.95	0.95	63.17	Backwater	0 - 09:59 hrs	8.94	8.94	0.97	1.00	1.77	4.57	3.00	1.55	1.55	2.42	0.00	0.00	5
1338	☐	97	1.50	11.10	0.95	13.50	ceeds Capac	0 - 11:25 hrs	7.64	7.64	1.22	1.00	-2.39	3.09	1.50	3.15	3.15	3.25	2.46	2.38	11
1339	☐	970	3.00	64.44	0.93	63.17	Backwater	0 - 09:59 hrs	8.94	8.94	0.98	1.00	1.27	4.56	3.00	0.83	0.83	1.55	0.00	0.00	3
1340	☐	971	3.00	64.42	0.93	63.16	Backwater	0 - 09:59 hrs	8.94	8.94	0.98	1.00	1.25	4.56	3.00	0.34	0.34	0.83	0.00	0.01	1
1341	☐	972	3.00	64.46	0.93	55.05	Backwater	0 - 10:07 hrs	7.79	9.09	0.85	1.00	9.42	4.16	3.00	0.28	0.28	0.34	0.00	0.00	0
1342	☐	973	4.00	56.80	0.16	41.83	Backwater	0 - 00:03 hrs	3.33	6.00	0.74	1.00	14.98	1.17	3.98	23.94	23.94	23.94	0.00	2.36	87
1343	☐	974	5.00	95.60	0.13	111.15	ceeds Capac	0 - 10:26 hrs	5.66	5.66	1.16	1.00	-15.54	14.88	4.97	2.23	2.23	2.48	0.91	0.86	10
1344	☐	975	5.00	176.59	0.46	177.09	ceeds Capac	0 - 10:03 hrs	9.02	9.02	1.00	1.00	-0.50	15.53	5.00	1.67	1.67	2.10	0.01	0.05	8
1345	☐	976	3.50	55.62	0.31	42.98	Free Surface	0 - 09:59 hrs	4.88	5.21	0.77	0.99	12.64	1.81	3.50	0.00	0.00	0.08	0.00	0.00	0
1346	☐	977	3.50	33.76	0.11	46.49	Backwater	0 - 09:59 hrs	4.83	4.83	1.38	1.00	-12.73	2.07	3.50	0.16	0.16	0.34	0.24	0.00	0
1347	☐	978	2.00	20.03	0.78	23.51	ceeds Capac	0 - 09:56 hrs	7.48	7.48	1.17	1.00	-3.48	1.33	2.00	0.34	0.34	0.35	0.13	0.13	0
1348	☐	979	3.75	101.61	0.71	94.68	Backwater	0 - 09:59 hrs	8.57	8.57	0.93	1.00	6.93	5.30	3.75	0.72	0.72	20.33	0.00	0.02	10
1349	☐	980	2.50	50.40	1.51	22.81	Backwater	0 - 09:59 hrs	4.65	8.89	0.45	1.00	27.60	1.03	2.50	0.77	0.77	0.83	0.00	0.01	2
1350	☐	981	2.50	28.35	0.48	22.81	Backwater	0 - 09:59 hrs	4.65	6.20	0.80	1.00	5.54	1.02	2.50	0.87	0.87	0.91	0.00	0.04	3
1351	☐	982	4.50	194.49	0.98	260.35	ceeds Capac	0 - 09:56 hrs	16.43	16.43	1.34	1.00	-65.85	36.25	4.50	1.32	1.37	1.32	1.39	1.31	7
1352	☐	983	2.50	14.73	0.13	17.97	Free Surface	0 - 10:04 hrs	4.59	4.59	1.22	0.74	-3.23	0.81	2.50	0.00	0.00	0.00	0.18	0.00	0
1353	☐	985	2.50	28.85	0.49	17.91	Free Surface	0 - 10:04 hrs	5.61	5.68	0.62	0.62	10.93	0.82	2.50	0.00	0.00	0.00	0.00	0.00	0
1354	☐	989	2.75	50.67	0.92	45.01	Backwater	0 - 10:03 hrs	7.58	7.58	0.89	1.00	5.66	0.42	2.73	1.15	1.15	1.90	0.00	0.00	7
1355	☐	99	4.50	204.78	1.08	230.59	ceeds Capac	0 - 09:57 hrs	14.50	14.50	1.13	1.00	-25.81	36.34	4.48	1.34	1.34	23.79	1.35	1.31	4
1356	☐	990	2.75	29.92	0.32	44.98	Backwater	0 - 10:03 hrs	7.57	7.57	1.50	1.00	-15.06	0.42	2.72	1.90	1.90	2.31	0.22	0.24	7
1357	☐	991	2.25	18.28	0.46	2.83	Backwater	0 - 09:47 hrs	0.78	0.97	0.15	1.00	15.45	0.00	2.25	0.12	0.12	1.00	0.00	0.00	0
1358	☐	992	2.75	30.92	0.46	45.00	Backwater	0 - 10:03 hrs	7.58	7.58	1.46	1.00	-14.08	0.41	2.75	0.80	0.80	1.15	0.22	0.00	3
1359	☐	993	3.50	28.05	0.08	46.01	ceeds Capac	0 - 09:51 hrs	4.78	5.26	1.64	1.00	-17.96	8.24	3.50	4.23	4.24	4.43	3.07	2.49	14
1360	☐	994	3.50	53.46	0.28	74.81	ceeds Capac	0 - 09:59 hrs	7.78	7.78	1.40	1.00	-21.35	9.31	3.50	3.56	3.56	4.24	0.66	0.65	14
1361	☐	995	2.75	22.88	0.19	26.22	ceeds Capac	0 - 09:59 hrs	4.41	4.41	1.15	1.00	-3.34	3.08	2.75	5.62	5.62	11.20	0.69	0.69	32
1362	☐	996	2.75	42.09	0.63	30.20	Backwater	0 - 09:59 hrs	5.09	5.09	0.72	1.00	11.89	3.10	2.75	2.33	2.33	5.62	0.00	0.00	17
1363	☐	997	3.50	68.80	0.47	38.27	Backwater	0 - 09:49 hrs	3.98	3.98	0.56	1.00	30.53	6.64	3.50	12.95	12.95	15.22	0.00	0.00	50
1364	☐	998	2.00	19.92	0.78	14.73	Backwater	0 - 09:42 hrs	4.69	5.33	0.74	1.00	5.19	2.99	2.00	3.80	3.80	4.03	0.00	0.05	18
1365	☐	999	3.50	48.01	0.23	34.05	Backwater	0 - 10:03 hrs	3.54	3.54	0.71	1.00	13.96	5.94	3.50	5.05	5.05	7.66	0.00	0.01	32
1366	☐	CDT_13	4.00	254.25	3.13	213.72	Backwater	0 - 00:01 hrs	17.91	17.91	0.84	1.00	40.53	3.07	1.57	23.98	23.98	23.99	0.00	0.01	67
1367	☐	CDT_15	2.50	11.95	0.08	12.47	ceeds Capac	0 - 09:42 hrs	2.54	2.54	1.04	1.00	-0.52	1.86	2.50	18.04	18.04	19.22	0.17	0.15	50
1368	☐	CDT_17	4.50	88.03	0.20	198.88	ceeds Capac	0 - 00:00 hrs	12.56	14.73	2.26	1.00	-110.86	7.95	1.76	23.98	23.98	23.99	0.21	0.13	86
1369	☐	CDT_19	4.50	74.23	0.14	263.36	ceeds Capac	0 - 00:00 hrs	16.98	16.98	3.55	1.00	-189.13	7.95	1.76	23.99	23.99	24.00	0.43	0.35	89
1370	☐	CDT_21	1.75	15.61	1.29	5.76	Free Surface	0 - 11:33 hrs	3.15	3.15	0.37	0.71	9.85	2.67	1.70	0.00	0.00	24.00	0.00	0.00	0
1371	☐	CDT_23	4.50	19.66	0.01	89.17	Free Surface	0 - 10:03 hrs	9.58	10.15	4.53	0.63	-69.50	2.09	4.50	0.00	0.00	0.00	1.34	0.00	5
1372	☐	CDT_25	6.50	386.70	0.54	428.99	Free Surface	0 - 10:03 hrs	13.41	13.43	1.11	0.92	-42.28	62.91	6.50	0.00	0.18	0.00	0.67	0.00	0

FUTURE CONDITIONS 20-YR 24-HR CONDUITS

		ID	Full Depth (ft)	Full Flow (cfs)	Percent Slope (%)	Maximum Flow (cfs)	Maximum Flow Class	Max.Flow Day-Time (day-time)	Velocity at Maximum Flow (ft/s)	Maximum Velocity (ft/s)	Max.Flow/Fu ll Flow	Max.Depth/F ull Depth	Reserve Capacity (cfs)	Total Flow Volume (MG)	Maximum Top Width (ft)	Both End Surcharge Time (hrs)	Upstream Surcharge Time (hrs)	Downstream Surcharge Time (hrs)	Above Full-Flow Time (hrs)	Capacity Limited Time (hrs)	Instability Index
1373	☐	CDT_27	6.50	528.52	1.02	285.38	Free Surface	0 - 10:03 hrs	10.52	10.60	0.54	0.76	243.13	24.27	6.50	0.00	0.00	0.56	0.00	0.00	0
1374	☐	CDT_29	6.00	362.31	0.73	260.50	Free Surface	0 - 10:04 hrs	6.09	6.09	0.36	0.71	101.82	21.60	6.00	0.00	0.00	14.09	0.00	0.00	0
1375	☐	CDT_31	3.00	29.64	0.20	57.95	ceeds Capac	0 - 10:07 hrs	8.20	8.20	1.96	1.00	-28.31	3.92	3.00	1.19	1.21	1.20	1.24	1.13	4
1376	☐	CDT_33	3.00	42.15	0.40	57.94	ceeds Capac	0 - 10:07 hrs	8.20	8.20	1.37	1.00	-15.79	3.91	3.00	1.18	1.18	1.21	0.34	0.37	4
1377	☐	CDT_35	8.00	9,581.12	110.35	14.08	Free Surface	0 - 09:41 hrs	0.51	0.51	0.00	0.69	9,567.04	1.43	8.00	0.00	0.00	14.29	0.00	0.00	47
1378	☐	CDT_37	1.25	3.72	0.44	6.37	ceeds Capac	0 - 09:42 hrs	5.19	5.19	1.71	1.00	-2.65	1.06	1.25	2.89	2.89	3.30	2.79	2.73	9
1379	☐	WG_DI_COND_01	5.00	2,736.86	65.34	27.72	Backwater	0 - 09:52 hrs	2.13	2.77	0.01	1.00	2,709.14	2.99	5.00	0.51	0.51	2.74	0.00	0.00	3
1380	☐	WG_DI_COND_02	5.00	2,015.45	35.43	17.97	Backwater	0 - 08:59 hrs	4.63	4.63	0.01	1.00	1,997.48	6.41	5.00	0.90	4.92	0.90	0.00	0.00	0
1381	☐	WG_DI_COND_03	5.00	2,373.32	49.14	63.58	Free Surface	0 - 09:48 hrs	9.94	9.95	0.03	0.91	2,309.74	11.39	5.00	0.00	1.22	0.00	0.00	0.00	0
1382	☐	WG_DI_COND_04	5.00	2,673.17	62.34	12.00	Free Surface	0 - 09:53 hrs	3.42	3.50	0.00	0.87	2,661.17	0.94	5.00	0.00	0.00	0.82	0.00	0.00	0
1383	☐	WG_DI_COND_05	5.00	2,726.16	64.83	108.00	Backwater	0 - 09:53 hrs	12.69	12.96	0.04	1.00	2,618.16	10.02	5.00	0.31	0.31	0.80	0.00	0.00	0
1384	☐	WG_DI_COND_06	3.50	429.07	10.76	26.35	Backwater	0 - 09:52 hrs	9.05	9.10	0.06	1.00	402.72	2.19	3.50	0.55	0.55	0.83	0.00	0.18	0

FUTURE CONDITIONS 5-YR 24-HR CLIMATE CHANGE SUBCATCHMENTS

		ID	Peak Runoff (cfs)	Peak Runoff Day Count (Elapsed Days)	Peak Runoff Time (hrs)	Total Precipitation (in)	Total Runon (in)	Total Evaporation (in)	Total Infiltration (in)	Impervious Runoff (in)	Pervious Runoff (in)	Total Runoff Depth (in)	Total Runoff Volume (MG)	Runoff Coefficient
1	☐	0	36.20	0	09:53 hrs	2.49	0.00	0.00	0.85	1.60	0.01	1.61	1.64	0.65
2	☐	1	18.38	0	09:53 hrs	2.49	0.00	0.00	0.81	1.38	0.28	1.66	0.75	0.67
3	☐	10	57.74	0	09:53 hrs	2.49	0.00	0.00	1.83	0.29	0.37	0.66	4.69	0.27
4	☐	100	23.58	0	10:00 hrs	2.26	0.00	0.00	0.74	1.29	0.21	1.49	1.12	0.66
5	☐	101	6.73	0	09:53 hrs	2.26	0.00	0.00	0.80	1.21	0.24	1.44	0.26	0.64
6	☐	102	16.27	0	09:53 hrs	2.26	0.00	0.00	0.79	1.22	0.22	1.45	0.74	0.64
7	☐	103	34.67	0	10:00 hrs	2.26	0.00	0.00	0.88	1.13	0.23	1.35	1.78	0.60
8	☐	104	17.60	0	09:53 hrs	2.26	0.00	0.00	0.79	1.23	0.22	1.45	0.82	0.64
9	☐	105	22.28	0	10:00 hrs	2.26	0.00	0.00	0.69	1.35	0.19	1.54	1.07	0.68
10	☐	106	25.81	0	10:00 hrs	2.26	0.00	0.00	0.69	1.34	0.19	1.54	1.22	0.68
11	☐	107	4.55	0	09:53 hrs	2.26	0.00	0.00	0.14	2.01	0.08	2.09	0.17	0.92
12	☐	108	4.37	0	10:00 hrs	2.26	0.00	0.00	1.68	0.11	0.47	0.58	0.19	0.26
13	☐	109	17.07	0	09:53 hrs	2.26	0.00	0.00	0.81	1.18	0.24	1.42	0.79	0.63
14	☐	11	28.64	0	09:53 hrs	2.49	0.00	0.00	0.88	1.31	0.27	1.58	1.34	0.64
15	☐	110	3.18	0	09:53 hrs	2.26	0.00	0.00	0.17	2.01	0.06	2.06	0.12	0.91
16	☐	111	9.71	0	09:53 hrs	2.26	0.00	0.00	0.63	1.42	0.19	1.61	0.40	0.71
17	☐	112	7.53	0	09:53 hrs	2.26	0.00	0.00	0.86	1.14	0.25	1.39	0.31	0.61
18	☐	113	3.80	0	09:53 hrs	2.26	0.00	0.00	0.19	1.99	0.06	2.05	0.14	0.91
19	☐	114	18.91	0	09:53 hrs	2.26	0.00	0.00	0.74	1.29	0.21	1.49	0.88	0.66
20	☐	115	7.77	0	09:53 hrs	2.26	0.00	0.00	0.80	1.21	0.23	1.44	0.31	0.64
21	☐	116	1.86	0	09:53 hrs	2.26	0.00	0.00	0.17	2.01	0.06	2.07	0.06	0.91
22	☐	117	12.70	0	09:53 hrs	2.26	0.00	0.00	0.50	1.58	0.15	1.73	0.53	0.77
23	☐	118	17.25	0	10:00 hrs	2.26	0.00	0.00	0.37	1.73	0.11	1.84	0.81	0.82
24	☐	119	21.98	0	10:00 hrs	2.26	0.00	0.00	0.50	1.58	0.14	1.72	1.08	0.76
25	☐	12	12.54	0	09:53 hrs	2.49	0.00	0.00	0.71	1.51	0.25	1.76	0.49	0.70
26	☐	120	12.26	0	09:53 hrs	2.26	0.00	0.00	0.78	1.24	0.22	1.46	0.54	0.65
27	☐	121	5.49	0	09:53 hrs	2.26	0.00	0.00	0.20	1.96	0.06	2.02	0.24	0.89
28	☐	122	10.72	0	09:53 hrs	2.26	0.00	0.00	0.18	1.98	0.06	2.04	0.47	0.90
29	☐	123	27.61	0	10:00 hrs	2.26	0.00	0.00	0.85	1.16	0.23	1.38	1.37	0.61
30	☐	124	11.13	0	09:53 hrs	2.26	0.00	0.00	0.80	1.20	0.23	1.44	0.47	0.64
31	☐	125	3.05	0	09:53 hrs	2.26	0.00	0.00	0.18	2.00	0.06	2.06	0.11	0.91
32	☐	126	25.59	0	10:00 hrs	2.26	0.00	0.00	0.65	1.40	0.18	1.58	1.24	0.70
33	☐	127	0.25	0	09:53 hrs	2.26	0.00	0.00	0.18	2.03	0.06	2.08	0.01	0.92
34	☐	128	24.78	0	10:00 hrs	2.26	0.00	0.00	0.47	1.62	0.14	1.75	1.17	0.78

FUTURE CONDITIONS 5-YR 24-HR CLIMATE CHANGE SUBCATCHMENTS

		ID	Peak Runoff (cfs)	Peak Runoff Day Count (Elapsed Days)	Peak Runoff Time (hrs)	Total Precipitation (in)	Total Runon (in)	Total Evaporation (in)	Total Infiltration (in)	Impervious Runoff (in)	Pervious Runoff (in)	Total Runoff Depth (in)	Total Runoff Volume (MG)	Runoff Coefficient
35	☐	129	15.09	0	09:53 hrs	2.26	0.00	0.00	0.62	1.43	0.18	1.61	0.70	0.71
36	☐	13	1.13	0	09:53 hrs	2.49	0.00	0.00	0.18	2.23	0.07	2.30	0.04	0.92
37	☐	130	3.25	0	09:53 hrs	2.26	0.00	0.00	0.53	1.55	0.16	1.71	0.12	0.76
38	☐	131	4.11	0	09:53 hrs	2.26	0.00	0.00	0.63	1.41	0.19	1.61	0.15	0.71
39	☐	132	3.94	0	09:53 hrs	2.26	0.00	0.00	0.48	1.61	0.15	1.76	0.14	0.78
40	☐	133	14.24	0	09:53 hrs	2.26	0.00	0.00	0.75	1.27	0.21	1.48	0.63	0.66
41	☐	134	39.29	0	10:00 hrs	2.26	0.00	0.00	0.68	1.36	0.19	1.55	1.96	0.68
42	☐	135	9.97	0	09:53 hrs	2.26	0.00	0.00	0.81	1.20	0.23	1.43	0.42	0.63
43	☐	136	10.06	0	09:53 hrs	2.26	0.00	0.00	0.82	1.19	0.24	1.42	0.42	0.63
44	☐	137	11.52	0	09:53 hrs	2.26	0.00	0.00	0.57	1.49	0.17	1.66	0.47	0.74
45	☐	138	27.93	0	10:00 hrs	2.26	0.00	0.00	0.78	1.24	0.21	1.45	1.36	0.64
46	☐	139	5.58	0	09:53 hrs	2.26	0.00	0.00	0.82	1.18	0.24	1.43	0.21	0.63
47	☐	14	13.60	0	09:53 hrs	2.49	0.00	0.00	1.05	1.29	0.12	1.42	0.56	0.57
48	☐	140	33.88	0	10:00 hrs	2.26	0.00	0.00	0.33	1.78	0.10	1.88	1.69	0.83
49	☐	141	15.99	0	10:00 hrs	2.26	0.00	0.00	0.50	1.58	0.15	1.72	0.74	0.76
50	☐	142	24.28	0	10:00 hrs	2.26	0.00	0.00	0.80	1.21	0.22	1.43	1.18	0.63
51	☐	143	13.64	0	09:53 hrs	2.26	0.00	0.00	0.63	1.42	0.19	1.60	0.57	0.71
52	☐	144	18.84	0	10:00 hrs	2.26	0.00	0.00	0.83	1.18	0.22	1.40	0.92	0.62
53	☐	145	26.05	0	10:00 hrs	2.26	0.00	0.00	0.63	1.42	0.18	1.60	1.21	0.71
54	☐	146	10.34	0	09:53 hrs	2.26	0.00	0.00	0.65	1.40	0.19	1.59	0.44	0.70
55	☐	147	13.09	0	09:53 hrs	2.26	0.00	0.00	0.82	1.19	0.23	1.42	0.58	0.63
56	☐	148	12.86	0	09:53 hrs	2.26	0.00	0.00	0.52	1.55	0.16	1.71	0.55	0.75
57	☐	149	19.31	0	10:00 hrs	2.26	0.00	0.00	0.79	1.23	0.22	1.44	0.93	0.64
58	☐	15	9.17	0	09:53 hrs	2.49	0.00	0.00	0.38	1.95	0.14	2.09	0.33	0.84
59	☐	150	13.49	0	09:53 hrs	2.26	0.00	0.00	0.66	1.38	0.19	1.57	0.57	0.70
60	☐	151	14.22	0	09:53 hrs	2.26	0.00	0.00	0.72	1.30	0.21	1.51	0.61	0.67
61	☐	152	15.93	0	09:53 hrs	2.26	0.00	0.00	0.82	1.19	0.23	1.42	0.73	0.63
62	☐	153	13.37	0	09:53 hrs	2.26	0.00	0.00	0.80	1.20	0.23	1.43	0.59	0.63
63	☐	154	14.58	0	09:53 hrs	2.26	0.00	0.00	0.76	1.26	0.22	1.47	0.66	0.65
64	☐	155	23.41	0	10:00 hrs	2.26	0.00	0.00	0.53	1.54	0.15	1.70	1.12	0.75
65	☐	156	13.36	0	09:53 hrs	2.26	0.00	0.00	0.79	1.23	0.22	1.45	0.60	0.64
66	☐	157	23.44	0	10:00 hrs	2.26	0.00	0.00	0.81	1.20	0.22	1.42	1.15	0.63
67	☐	158	14.30	0	09:53 hrs	2.26	0.00	0.00	0.84	1.16	0.24	1.39	0.65	0.62
68	☐	159	21.63	0	10:00 hrs	2.26	0.00	0.00	0.83	1.19	0.22	1.41	1.08	0.62

FUTURE CONDITIONS 5-YR 24-HR CLIMATE CHANGE SUBCATCHMENTS

		ID	Peak Runoff (cfs)	Peak Runoff Day Count (Elapsed Days)	Peak Runoff Time (hrs)	Total Precipitation (in)	Total Runon (in)	Total Evaporation (in)	Total Infiltration (in)	Impervious Runoff (in)	Pervious Runoff (in)	Total Runoff Depth (in)	Total Runoff Volume (MG)	Runoff Coefficient
69	☐	16	15.21	0	09:53 hrs	2.49	0.00	0.00	0.91	1.25	0.31	1.56	0.62	0.63
70	☐	160	26.94	0	10:00 hrs	2.26	0.00	0.00	0.19	1.96	0.06	2.02	1.35	0.89
71	☐	161	19.94	0	10:00 hrs	2.26	0.00	0.00	0.73	1.30	0.20	1.50	0.95	0.67
72	☐	162	27.05	0	10:00 hrs	2.26	0.00	0.00	0.79	1.22	0.21	1.44	1.35	0.64
73	☐	163	41.93	0	10:00 hrs	2.26	0.00	0.00	0.70	1.33	0.19	1.52	2.18	0.67
74	☐	164	17.93	0	09:53 hrs	2.26	0.00	0.00	0.67	1.36	0.19	1.56	0.82	0.69
75	☐	165	14.68	0	09:53 hrs	2.26	0.00	0.00	0.61	1.44	0.18	1.62	0.65	0.71
76	☐	166	40.14	0	10:00 hrs	2.26	0.00	0.00	0.44	1.65	0.13	1.78	2.00	0.79
77	☐	167	21.15	0	09:53 hrs	2.26	0.00	0.00	0.52	1.51	0.19	1.70	0.96	0.75
78	☐	168	10.72	0	09:53 hrs	2.26	0.00	0.00	0.28	1.84	0.10	1.94	0.43	0.86
79	☐	169	36.44	0	10:00 hrs	2.26	0.00	0.00	0.70	1.23	0.30	1.53	1.76	0.68
80	☐	17	30.03	0	09:53 hrs	2.49	0.00	0.00	0.91	1.27	0.29	1.56	1.39	0.63
81	☐	170	10.10	0	09:53 hrs	2.26	0.00	0.00	0.62	1.42	0.19	1.62	0.40	0.71
82	☐	171	25.11	0	09:53 hrs	2.26	0.00	0.00	0.69	1.18	0.34	1.53	1.12	0.68
83	☐	172	25.38	0	09:53 hrs	2.26	0.00	0.00	0.66	1.18	0.36	1.54	1.19	0.68
84	☐	173	17.69	0	09:53 hrs	2.26	0.00	0.00	0.73	1.21	0.30	1.51	0.78	0.67
85	☐	174	20.11	0	09:53 hrs	2.26	0.00	0.00	0.61	1.27	0.33	1.60	0.91	0.71
86	☐	175	18.42	0	09:53 hrs	2.26	0.00	0.00	0.48	1.43	0.29	1.72	0.78	0.76
87	☐	176	5.29	0	09:53 hrs	2.26	0.00	0.00	0.51	1.52	0.21	1.73	0.18	0.77
88	☐	177	19.19	0	09:53 hrs	2.26	0.00	0.00	0.58	1.38	0.27	1.65	0.82	0.73
89	☐	178	32.18	0	10:00 hrs	2.26	0.00	0.00	0.48	1.42	0.29	1.71	1.55	0.76
90	☐	179	11.33	0	09:53 hrs	2.26	0.00	0.00	0.09	2.07	0.06	2.12	0.46	0.94
91	☐	18	20.16	0	09:53 hrs	2.49	0.00	0.00	0.89	1.29	0.30	1.58	0.86	0.64
92	☐	180	24.05	0	09:53 hrs	2.49	0.00	0.00	0.67	1.56	0.23	1.79	1.03	0.72
93	☐	181	42.70	0	09:53 hrs	2.49	0.00	0.00	0.33	1.99	0.12	2.11	2.08	0.85
94	☐	182	18.69	0	09:53 hrs	2.49	0.00	0.00	0.74	1.48	0.25	1.73	0.77	0.69
95	☐	183	11.97	0	09:53 hrs	2.49	0.00	0.00	0.79	1.41	0.27	1.69	0.45	0.68
96	☐	184	16.86	0	09:53 hrs	2.49	0.00	0.00	0.73	1.48	0.25	1.73	0.69	0.70
97	☐	185	12.62	0	09:53 hrs	2.49	0.00	0.00	0.67	1.57	0.24	1.80	0.47	0.72
98	☐	186	20.57	0	09:53 hrs	2.49	0.00	0.00	0.82	1.38	0.28	1.65	0.86	0.66
99	☐	187	16.28	0	09:53 hrs	2.49	0.00	0.00	0.45	1.84	0.16	2.00	0.64	0.80
100	☐	188	27.69	0	09:53 hrs	2.49	0.00	0.00	0.71	1.51	0.24	1.75	1.22	0.70
101	☐	189	6.70	0	09:53 hrs	2.49	0.00	0.00	0.23	2.15	0.08	2.24	0.24	0.90
102	☐	19	23.02	0	09:53 hrs	2.49	0.00	0.00	1.13	1.34	0.00	1.34	1.04	0.54

FUTURE CONDITIONS 5-YR 24-HR CLIMATE CHANGE SUBCATCHMENTS

		ID	Peak Runoff (cfs)	Peak Runoff Day Count (Elapsed Days)	Peak Runoff Time (hrs)	Total Precipitation (in)	Total Runoff (in)	Total Evaporation (in)	Total Infiltration (in)	Impervious Runoff (in)	Pervious Runoff (in)	Total Runoff Depth (in)	Total Runoff Volume (MG)	Runoff Coefficient
103	☐	190	6.77	0	10:00 hrs	2.49	0.00	0.00	1.89	0.12	0.47	0.60	0.65	0.24
104	☐	191	21.33	0	09:53 hrs	2.49	0.00	0.00	0.78	1.42	0.27	1.68	0.89	0.68
105	☐	192	25.05	0	09:53 hrs	2.49	0.00	0.00	0.80	1.39	0.27	1.66	1.08	0.67
106	☐	193	18.46	0	09:53 hrs	2.49	0.00	0.00	0.68	1.55	0.23	1.78	0.76	0.72
107	☐	194	67.11	0	10:00 hrs	2.49	0.00	0.00	0.24	2.10	0.08	2.18	3.81	0.88
108	☐	195	31.31	0	09:53 hrs	2.49	0.00	0.00	0.58	1.49	0.35	1.84	1.45	0.74
109	☐	196	39.47	0	09:53 hrs	2.49	0.00	0.00	0.88	1.26	0.32	1.58	1.91	0.64
110	☐	197	13.86	0	09:53 hrs	2.49	0.00	0.00	0.67	1.57	0.23	1.80	0.54	0.72
111	☐	198	34.77	0	09:53 hrs	2.49	0.00	0.00	0.58	1.68	0.20	1.88	1.61	0.75
112	☐	199	11.01	0	09:53 hrs	2.49	0.00	0.00	0.46	1.84	0.16	2.00	0.43	0.80
113	☐	2	32.74	0	09:53 hrs	2.49	0.00	0.00	0.63	1.61	0.21	1.82	1.54	0.73
114	☐	20	12.63	0	09:53 hrs	2.49	0.00	0.00	1.17	1.30	0.00	1.30	0.50	0.52
115	☐	200	35.62	0	09:53 hrs	2.49	0.00	0.00	0.80	1.40	0.26	1.66	1.76	0.66
116	☐	201	14.41	0	09:53 hrs	2.49	0.00	0.00	0.66	1.58	0.23	1.81	0.58	0.73
117	☐	202	32.48	0	09:53 hrs	2.49	0.00	0.00	0.86	1.33	0.28	1.61	1.49	0.65
118	☐	203	44.78	0	09:53 hrs	2.49	0.00	0.00	0.73	1.49	0.23	1.72	2.35	0.69
119	☐	204	9.28	0	09:53 hrs	2.49	0.00	0.00	0.77	1.30	0.39	1.70	0.34	0.68
120	☐	205	5.70	0	09:53 hrs	2.49	0.00	0.00	0.87	1.31	0.31	1.61	0.20	0.65
121	☐	206	15.99	0	09:53 hrs	2.49	0.00	0.00	0.89	1.28	0.30	1.58	0.68	0.63
122	☐	207	33.16	0	09:53 hrs	2.49	0.00	0.00	0.52	1.75	0.18	1.93	1.54	0.77
123	☐	208	18.03	0	09:53 hrs	2.49	0.00	0.00	0.83	1.35	0.29	1.64	0.66	0.66
124	☐	209	28.50	0	09:53 hrs	2.26	0.00	0.00	0.25	1.79	0.15	1.95	1.30	0.86
125	☐	21	20.23	0	09:53 hrs	2.49	0.00	0.00	0.70	1.52	0.24	1.76	0.86	0.71
126	☐	210	22.37	0	10:00 hrs	2.26	0.00	0.00	0.42	1.52	0.25	1.77	1.07	0.78
127	☐	211	27.07	0	10:00 hrs	2.26	0.00	0.00	0.43	1.61	0.18	1.79	1.29	0.79
128	☐	212	19.03	0	09:53 hrs	2.26	0.00	0.00	0.11	2.07	0.03	2.10	0.90	0.93
129	☐	213	16.06	0	09:53 hrs	2.26	0.00	0.00	0.62	1.43	0.18	1.61	0.71	0.71
130	☐	214	44.81	0	10:00 hrs	2.26	0.00	0.00	1.01	0.89	0.33	1.22	2.69	0.54
131	☐	215	35.75	0	10:00 hrs	2.26	0.00	0.00	0.71	1.32	0.19	1.51	1.81	0.67
132	☐	216	39.11	0	10:00 hrs	2.26	0.00	0.00	1.21	0.74	0.29	1.04	2.26	0.46
133	☐	217	61.62	0	10:00 hrs	2.26	0.00	0.00	1.19	0.80	0.25	1.05	3.72	0.46
134	☐	218	19.84	0	10:00 hrs	2.26	0.00	0.00	0.66	1.15	0.37	1.52	1.00	0.67
135	☐	219	70.54	0	10:00 hrs	2.26	0.00	0.00	1.09	0.80	0.33	1.13	4.46	0.50
136	☐	22	20.50	0	09:53 hrs	2.49	0.00	0.00	0.98	1.29	0.20	1.49	0.90	0.60

FUTURE CONDITIONS 5-YR 24-HR CLIMATE CHANGE SUBCATCHMENTS

		ID	Peak Runoff (cfs)	Peak Runoff Day Count (Elapsed Days)	Peak Runoff Time (hrs)	Total Precipitation (in)	Total Runon (in)	Total Evaporation (in)	Total Infiltration (in)	Impervious Runoff (in)	Pervious Runoff (in)	Total Runoff Depth (in)	Total Runoff Volume (MG)	Runoff Coefficient
137	☐	220	13.11	0	09:53 hrs	2.49	0.00	0.00	0.60	1.54	0.31	1.86	0.52	0.75
138	☐	221	24.93	0	09:53 hrs	2.49	0.00	0.00	0.87	1.29	0.30	1.59	1.19	0.64
139	☐	222	16.56	0	09:53 hrs	2.49	0.00	0.00	0.59	1.67	0.20	1.87	0.68	0.75
140	☐	223	8.15	0	09:53 hrs	2.26	0.00	0.00	0.75	1.27	0.22	1.49	0.32	0.66
141	☐	224	17.91	0	09:53 hrs	2.49	0.00	0.00	0.49	1.59	0.34	1.94	0.74	0.78
142	☐	225	23.79	0	09:53 hrs	2.49	0.00	0.00	0.49	1.57	0.35	1.93	1.07	0.77
143	☐	226	30.33	0	09:53 hrs	2.49	0.00	0.00	0.51	1.69	0.25	1.94	1.39	0.78
144	☐	227	31.64	0	09:53 hrs	2.49	0.00	0.00	0.70	1.28	0.44	1.71	1.59	0.69
145	☐	228	11.30	0	09:53 hrs	2.26	0.00	0.00	1.15	0.96	0.13	1.10	0.49	0.48
146	☐	229	28.64	0	09:53 hrs	2.26	0.00	0.00	0.62	1.34	0.27	1.61	1.24	0.71
147	☐	23	25.87	0	09:53 hrs	2.49	0.00	0.00	0.82	1.37	0.27	1.64	1.17	0.66
148	☐	230	14.89	0	09:53 hrs	2.49	0.00	0.00	0.70	1.49	0.29	1.78	0.51	0.71
149	☐	231	59.11	0	09:53 hrs	2.49	0.00	0.00	0.56	1.48	0.37	1.85	3.06	0.74
150	☐	232	29.44	0	09:53 hrs	2.49	0.00	0.00	0.50	1.55	0.36	1.91	1.33	0.77
151	☐	233	34.15	0	09:53 hrs	2.49	0.00	0.00	0.55	1.50	0.36	1.86	1.69	0.75
152	☐	234	20.43	0	09:53 hrs	2.49	0.00	0.00	0.59	1.52	0.33	1.85	0.89	0.74
153	☐	235	18.61	0	09:53 hrs	2.49	0.00	0.00	0.65	1.34	0.43	1.77	0.81	0.71
154	☐	236	21.08	0	09:53 hrs	2.49	0.00	0.00	0.62	1.35	0.44	1.79	0.95	0.72
155	☐	237	23.60	0	09:53 hrs	2.49	0.00	0.00	0.64	1.31	0.46	1.77	1.09	0.71
156	☐	238	19.71	0	09:53 hrs	2.49	0.00	0.00	0.73	1.32	0.39	1.71	0.88	0.69
157	☐	239	21.30	0	09:53 hrs	2.49	0.00	0.00	0.64	1.32	0.45	1.77	0.98	0.71
158	☐	24	6.76	0	09:53 hrs	2.49	0.00	0.00	0.72	1.50	0.26	1.75	0.24	0.70
159	☐	240	30.82	0	09:53 hrs	2.49	0.00	0.00	0.53	1.49	0.38	1.87	1.48	0.75
160	☐	241	16.63	0	09:53 hrs	2.49	0.00	0.00	1.02	1.45	0.00	1.45	0.63	0.58
161	☐	242	11.10	0	09:53 hrs	2.49	0.00	0.00	1.16	1.30	0.02	1.32	0.42	0.53
162	☐	243	11.78	0	09:53 hrs	2.49	0.00	0.00	0.87	1.28	0.33	1.61	0.45	0.65
163	☐	244	22.69	0	09:53 hrs	2.49	0.00	0.00	0.66	1.27	0.47	1.75	1.00	0.70
164	☐	245	13.09	0	09:53 hrs	2.49	0.00	0.00	0.81	1.30	0.36	1.66	0.52	0.67
165	☐	246	19.70	0	09:53 hrs	2.49	0.00	0.00	0.86	1.33	0.29	1.61	0.85	0.65
166	☐	247	27.38	0	09:53 hrs	2.49	0.00	0.00	0.89	1.28	0.28	1.57	1.36	0.63
167	☐	248	39.75	0	09:53 hrs	2.49	0.00	0.00	0.93	1.24	0.29	1.53	2.03	0.61
168	☐	249	18.49	0	09:53 hrs	2.49	0.00	0.00	0.57	1.70	0.20	1.89	0.76	0.76
169	☐	25	14.74	0	09:53 hrs	2.49	0.00	0.00	0.88	1.29	0.30	1.59	0.59	0.64
170	☐	250	10.64	0	09:53 hrs	2.49	0.00	0.00	0.57	1.69	0.21	1.89	0.38	0.76

FUTURE CONDITIONS 5-YR 24-HR CLIMATE CHANGE SUBCATCHMENTS

		ID	Peak Runoff (cfs)	Peak Runoff Day Count (Elapsed Days)	Peak Runoff Time (hrs)	Total Precipitation (in)	Total Runon (in)	Total Evaporation (in)	Total Infiltration (in)	Impervious Runoff (in)	Pervious Runoff (in)	Total Runoff Depth (in)	Total Runoff Volume (MG)	Runoff Coefficient
171	☐	251	35.76	0	09:53 hrs	2.49	0.00	0.00	0.65	1.59	0.22	1.81	1.67	0.72
172	☐	252	2.46	0	09:53 hrs	2.49	0.00	0.00	1.00	1.48	0.00	1.48	0.09	0.60
173	☐	253	8.44	0	09:53 hrs	2.49	0.00	0.00	1.13	1.27	0.08	1.35	0.32	0.54
174	☐	254	20.42	0	09:53 hrs	2.49	0.00	0.00	0.73	1.49	0.25	1.73	0.87	0.70
175	☐	255	4.91	0	09:53 hrs	2.49	0.00	0.00	0.66	1.58	0.24	1.82	0.16	0.73
176	☐	256	5.03	0	09:53 hrs	2.49	0.00	0.00	0.24	2.14	0.09	2.23	0.17	0.90
177	☐	257	14.18	0	09:53 hrs	2.49	0.00	0.00	0.63	1.62	0.22	1.84	0.55	0.74
178	☐	258	13.77	0	09:53 hrs	2.49	0.00	0.00	0.56	1.71	0.20	1.90	0.53	0.76
179	☐	259	8.70	0	09:53 hrs	2.49	0.00	0.00	0.19	2.20	0.07	2.27	0.32	0.91
180	☐	26	32.86	0	09:53 hrs	2.49	0.00	0.00	0.81	1.38	0.27	1.65	1.53	0.66
181	☐	260	13.61	0	09:53 hrs	2.49	0.00	0.00	0.67	1.56	0.24	1.80	0.52	0.72
182	☐	261	16.37	0	09:53 hrs	2.49	0.00	0.00	0.76	1.45	0.26	1.71	0.67	0.69
183	☐	262	22.83	0	09:53 hrs	2.49	0.00	0.00	0.38	1.93	0.14	2.07	0.98	0.83
184	☐	263	15.06	0	09:53 hrs	2.49	0.00	0.00	1.00	1.39	0.08	1.46	0.61	0.59
185	☐	264	22.66	0	09:53 hrs	2.49	0.00	0.00	0.74	1.48	0.25	1.73	0.98	0.69
186	☐	265	20.73	0	09:53 hrs	2.49	0.00	0.00	0.92	1.43	0.12	1.55	0.88	0.62
187	☐	266	4.35	0	09:53 hrs	2.49	0.00	0.00	0.86	1.31	0.31	1.62	0.14	0.65
188	☐	267	4.79	0	09:53 hrs	2.49	0.00	0.00	0.83	1.28	0.37	1.66	0.16	0.66
189	☐	268	5.99	0	09:53 hrs	2.49	0.00	0.00	0.80	1.39	0.29	1.68	0.20	0.67
190	☐	269	8.03	0	09:53 hrs	2.49	0.00	0.00	0.65	1.54	0.28	1.83	0.29	0.73
191	☐	27	25.58	0	09:53 hrs	2.49	0.00	0.00	0.63	1.70	0.13	1.82	1.14	0.73
192	☐	270	14.71	0	09:53 hrs	2.49	0.00	0.00	0.78	1.33	0.36	1.69	0.60	0.68
193	☐	271	13.53	0	09:53 hrs	2.49	0.00	0.00	0.79	1.35	0.34	1.68	0.53	0.68
194	☐	272	34.61	0	09:53 hrs	2.49	0.00	0.00	0.77	1.43	0.26	1.69	1.60	0.68
195	☐	273	20.01	0	09:53 hrs	2.49	0.00	0.00	1.10	1.36	0.01	1.37	0.76	0.55
196	☐	274	9.18	0	09:53 hrs	2.49	0.00	0.00	1.33	1.15	0.01	1.15	0.34	0.46
197	☐	275	7.92	0	09:53 hrs	2.49	0.00	0.00	1.50	0.99	0.00	0.99	0.28	0.40
198	☐	276	27.15	0	09:53 hrs	2.49	0.00	0.00	1.03	1.44	0.00	1.44	1.14	0.58
199	☐	277	9.53	0	09:53 hrs	2.49	0.00	0.00	1.48	1.00	0.00	1.00	0.34	0.40
200	☐	278	17.15	0	09:53 hrs	2.49	0.00	0.00	0.61	1.67	0.18	1.85	0.70	0.74
201	☐	279	20.49	0	09:53 hrs	2.49	0.00	0.00	0.86	1.33	0.29	1.61	0.88	0.65
202	☐	28	24.44	0	09:53 hrs	2.49	0.00	0.00	0.88	1.29	0.29	1.58	1.11	0.64
203	☐	280	34.23	0	09:53 hrs	2.49	0.00	0.00	0.90	1.35	0.22	1.57	1.52	0.63
204	☐	281	5.25	0	09:53 hrs	2.49	0.00	0.00	0.90	1.26	0.32	1.58	0.18	0.63

FUTURE CONDITIONS 5-YR 24-HR CLIMATE CHANGE SUBCATCHMENTS

		ID	Peak Runoff (cfs)	Peak Runoff Day Count (Elapsed Days)	Peak Runoff Time (hrs)	Total Precipitation (in)	Total Runoff (in)	Total Evaporation (in)	Total Infiltration (in)	Impervious Runoff (in)	Pervious Runoff (in)	Total Runoff Depth (in)	Total Runoff Volume (MG)	Runoff Coefficient
205	☐	282	4.07	0	09:53 hrs	2.49	0.00	0.00	0.56	1.72	0.20	1.92	0.13	0.77
206	☐	283	9.52	0	09:53 hrs	2.49	0.00	0.00	0.87	1.31	0.30	1.61	0.35	0.65
207	☐	284	27.82	0	09:53 hrs	2.49	0.00	0.00	0.74	1.47	0.25	1.72	1.20	0.69
208	☐	285	19.66	0	09:53 hrs	2.49	0.00	0.00	0.71	1.40	0.35	1.75	0.83	0.70
209	☐	286	4.76	0	09:53 hrs	2.49	0.00	0.00	0.27	1.99	0.20	2.19	0.15	0.88
210	☐	287	30.11	0	09:53 hrs	2.49	0.00	0.00	0.37	1.81	0.25	2.06	1.33	0.83
211	☐	288	31.40	0	09:53 hrs	2.49	0.00	0.00	1.10	0.99	0.40	1.38	1.25	0.55
212	☐	289	18.08	0	09:53 hrs	2.49	0.00	0.00	0.08	2.29	0.06	2.35	0.79	0.94
213	☐	29	27.31	0	09:53 hrs	2.49	0.00	0.00	0.85	1.34	0.28	1.62	1.28	0.65
214	☐	290	17.53	0	09:53 hrs	2.49	0.00	0.00	0.08	2.29	0.06	2.35	0.80	0.94
215	☐	291	34.37	0	09:53 hrs	2.49	0.00	0.00	1.11	0.98	0.39	1.37	1.57	0.55
216	☐	292	35.61	0	09:53 hrs	2.49	0.00	0.00	0.55	1.67	0.23	1.90	1.71	0.76
217	☐	293	3.97	0	09:53 hrs	2.26	0.00	0.00	0.56	1.51	0.17	1.68	0.14	0.74
218	☐	294	1.35	0	09:53 hrs	2.49	0.00	0.00	0.19	2.24	0.07	2.31	0.04	0.93
219	☐	295	12.90	0	09:53 hrs	2.49	0.00	0.00	0.51	1.91	0.03	1.95	0.52	0.78
220	☐	296	40.50	0	10:00 hrs	2.26	0.00	0.00	0.37	1.61	0.21	1.83	1.97	0.81
221	☐	297	5.85	0	09:53 hrs	2.49	0.00	0.00	0.26	2.08	0.14	2.22	0.19	0.89
222	☐	298	62.90	0	10:00 hrs	2.26	0.00	0.00	0.21	1.88	0.11	1.99	3.29	0.88
223	☐	299	42.80	0	10:00 hrs	2.49	0.00	0.00	0.92	1.25	0.28	1.53	2.38	0.62
224	☐	3	13.41	0	09:53 hrs	2.49	0.00	0.00	0.37	2.05	0.04	2.09	0.53	0.84
225	☐	30	24.06	0	10:00 hrs	2.26	0.00	0.00	1.23	0.49	0.48	0.97	1.55	0.43
226	☐	300	36.83	0	09:53 hrs	2.49	0.00	0.00	0.87	1.32	0.28	1.59	1.84	0.64
227	☐	301	10.72	0	09:53 hrs	2.26	0.00	0.00	0.80	1.17	0.27	1.44	0.46	0.64
228	☐	302	27.83	0	10:00 hrs	2.26	0.00	0.00	0.87	1.14	0.23	1.37	1.40	0.60
229	☐	303	21.83	0	10:00 hrs	2.26	0.00	0.00	0.66	1.39	0.18	1.57	1.06	0.69
230	☐	304	7.27	0	09:53 hrs	2.26	0.00	0.00	0.29	1.85	0.09	1.94	0.29	0.86
231	☐	305	17.29	0	09:53 hrs	2.26	0.00	0.00	0.80	1.21	0.22	1.43	0.79	0.63
232	☐	306	15.46	0	09:53 hrs	2.26	0.00	0.00	0.68	1.35	0.20	1.55	0.65	0.69
233	☐	307	24.80	0	09:53 hrs	2.49	0.00	0.00	0.66	1.54	0.26	1.80	1.09	0.72
234	☐	308	37.46	0	09:53 hrs	2.49	0.00	0.00	0.27	2.07	0.10	2.17	1.87	0.87
235	☐	309	10.33	0	09:53 hrs	2.49	0.00	0.00	0.98	1.24	0.26	1.50	0.39	0.60
236	☐	31	35.53	0	10:00 hrs	2.26	0.00	0.00	0.70	1.29	0.25	1.53	1.70	0.68
237	☐	310	23.54	0	09:53 hrs	2.49	0.00	0.00	0.53	1.74	0.19	1.92	1.01	0.77
238	☐	311	16.00	0	09:53 hrs	2.26	0.00	0.00	0.69	1.35	0.20	1.55	0.71	0.68

FUTURE CONDITIONS 5-YR 24-HR CLIMATE CHANGE SUBCATCHMENTS

		ID	Peak Runoff (cfs)	Peak Runoff Day Count (Elapsed Days)	Peak Runoff Time (hrs)	Total Precipitation (in)	Total Runon (in)	Total Evaporation (in)	Total Infiltration (in)	Impervious Runoff (in)	Pervious Runoff (in)	Total Runoff Depth (in)	Total Runoff Volume (MG)	Runoff Coefficient
239	☐	312	26.16	0	09:53 hrs	2.26	0.00	0.00	0.28	1.76	0.17	1.93	1.09	0.85
240	☐	313	7.50	0	09:53 hrs	2.49	0.00	0.00	0.24	2.09	0.13	2.22	0.28	0.89
241	☐	314	7.66	0	09:53 hrs	2.26	0.00	0.00	0.22	1.92	0.09	2.01	0.30	0.89
242	☐	315	17.71	0	09:53 hrs	2.26	0.00	0.00	0.64	1.18	0.38	1.56	0.75	0.69
243	☐	316	44.54	0	10:00 hrs	2.26	0.00	0.00	0.48	1.42	0.28	1.70	2.38	0.75
244	☐	317	16.91	0	09:53 hrs	2.26	0.00	0.00	0.44	1.50	0.26	1.77	0.71	0.78
245	☐	318	7.91	0	09:53 hrs	2.26	0.00	0.00	0.61	1.44	0.18	1.62	0.32	0.72
246	☐	319	22.61	0	10:00 hrs	2.26	0.00	0.00	0.56	1.50	0.16	1.66	1.05	0.74
247	☐	32	12.58	0	09:53 hrs	2.26	0.00	0.00	0.75	1.19	0.31	1.50	0.53	0.66
248	☐	320	26.58	0	09:53 hrs	2.26	0.00	0.00	0.41	1.65	0.16	1.81	1.21	0.80
249	☐	321	8.84	0	09:53 hrs	2.26	0.00	0.00	0.34	1.79	0.10	1.89	0.37	0.84
250	☐	322	13.97	0	09:53 hrs	2.26	0.00	0.00	0.25	1.88	0.08	1.96	0.65	0.87
251	☐	323	21.56	0	09:53 hrs	2.49	0.00	0.00	0.55	1.47	0.39	1.86	0.96	0.75
252	☐	324	15.27	0	09:53 hrs	2.26	0.00	0.00	0.73	1.30	0.20	1.51	0.71	0.67
253	☐	325	16.91	0	10:00 hrs	2.26	0.00	0.00	0.82	1.19	0.22	1.42	0.81	0.63
254	☐	326	35.38	0	10:00 hrs	2.26	0.00	0.00	0.55	1.52	0.15	1.67	1.74	0.74
255	☐	327	9.33	0	09:53 hrs	2.26	0.00	0.00	0.77	1.25	0.23	1.48	0.37	0.65
256	☐	328	11.51	0	09:53 hrs	2.26	0.00	0.00	0.64	1.40	0.19	1.59	0.50	0.70
257	☐	329	18.33	0	09:53 hrs	2.26	0.00	0.00	0.68	1.36	0.20	1.56	0.81	0.69
258	☐	33	25.05	0	10:00 hrs	2.26	0.00	0.00	0.65	1.26	0.31	1.57	1.20	0.69
259	☐	330	9.15	0	09:53 hrs	2.26	0.00	0.00	0.30	1.84	0.09	1.93	0.37	0.85
260	☐	331	33.96	0	09:53 hrs	2.49	0.00	0.00	0.74	1.47	0.24	1.72	1.62	0.69
261	☐	332	17.41	0	09:53 hrs	2.26	0.00	0.00	0.60	1.24	0.36	1.59	0.81	0.71
262	☐	333	36.69	0	09:53 hrs	2.49	0.00	0.00	0.66	1.30	0.44	1.74	1.88	0.70
263	☐	334	29.43	0	09:53 hrs	2.49	0.00	0.00	0.35	1.82	0.25	2.07	1.40	0.83
264	☐	335	40.61	0	10:00 hrs	2.26	0.00	0.00	0.27	1.85	0.08	1.93	2.09	0.85
265	☐	336	27.01	0	10:00 hrs	2.26	0.00	0.00	0.45	1.64	0.13	1.77	1.27	0.78
266	☐	337	16.08	0	09:53 hrs	2.26	0.00	0.00	0.59	1.47	0.17	1.64	0.70	0.73
267	☐	338	15.76	0	09:53 hrs	2.26	0.00	0.00	0.37	1.74	0.11	1.85	0.69	0.82
268	☐	339	10.81	0	09:53 hrs	2.26	0.00	0.00	0.50	1.58	0.15	1.73	0.46	0.76
269	☐	34	12.07	0	09:53 hrs	2.49	0.00	0.00	0.94	1.22	0.32	1.53	0.51	0.61
270	☐	340	24.67	0	09:53 hrs	2.49	0.00	0.00	0.22	2.14	0.08	2.22	1.11	0.89
271	☐	341	5.85	0	09:53 hrs	2.49	0.00	0.00	0.81	1.38	0.28	1.66	0.22	0.67
272	☐	342	41.14	0	09:53 hrs	2.49	0.00	0.00	0.10	2.28	0.04	2.32	2.17	0.93

FUTURE CONDITIONS 5-YR 24-HR CLIMATE CHANGE SUBCATCHMENTS

		ID	Peak Runoff (cfs)	Peak Runoff Day Count (Elapsed Days)	Peak Runoff Time (hrs)	Total Precipitation (in)	Total Runoff (in)	Total Evaporation (in)	Total Infiltration (in)	Impervious Runoff (in)	Pervious Runoff (in)	Total Runoff Depth (in)	Total Runoff Volume (MG)	Runoff Coefficient
273	☐	343	28.36	0	09:53 hrs	2.49	0.00	0.00	0.15	2.23	0.05	2.29	1.37	0.92
274	☐	344	1.94	0	09:53 hrs	2.49	0.00	0.00	0.15	2.26	0.06	2.32	0.07	0.93
275	☐	345	3.78	0	09:53 hrs	2.49	0.00	0.00	0.46	1.86	0.17	2.04	0.11	0.82
276	☐	346	30.29	0	09:53 hrs	2.49	0.00	0.00	0.61	1.64	0.21	1.85	1.35	0.74
277	☐	347	14.50	0	09:53 hrs	2.49	0.00	0.00	0.54	1.73	0.19	1.92	0.56	0.77
278	☐	348	23.78	0	09:53 hrs	2.49	0.00	0.00	0.87	1.31	0.28	1.59	1.12	0.64
279	☐	349	18.28	0	09:53 hrs	2.49	0.00	0.00	1.03	1.33	0.10	1.44	0.78	0.58
280	☐	35	26.52	0	09:53 hrs	2.49	0.00	0.00	0.92	1.25	0.29	1.55	1.29	0.62
281	☐	350	33.63	0	09:53 hrs	2.49	0.00	0.00	0.70	1.52	0.23	1.76	1.56	0.71
282	☐	351	30.83	0	09:53 hrs	2.49	0.00	0.00	1.10	1.36	0.00	1.36	1.31	0.55
283	☐	352	2.03	0	09:53 hrs	2.26	0.00	0.00	0.59	1.68	0.00	1.68	0.07	0.74
284	☐	353	10.22	0	09:53 hrs	2.49	0.00	0.00	0.40	2.07	0.00	2.07	0.39	0.83
285	☐	354	136.29	0	09:53 hrs	2.49	0.00	0.00	2.09	0.39	0.00	0.39	6.82	0.16
286	☐	355	5.45	0	09:53 hrs	2.26	0.00	0.00	0.70	1.35	0.19	1.54	0.21	0.68
287	☐	356	5.36	0	09:53 hrs	2.49	0.00	0.00	0.21	2.18	0.08	2.26	0.19	0.91
288	☐	357	46.78	0	09:53 hrs	2.49	0.00	0.00	1.55	0.53	0.40	0.93	2.95	0.37
289	☐	358	8.86	0	09:53 hrs	2.49	0.00	0.00	0.23	2.15	0.08	2.23	0.33	0.89
290	☐	359	14.50	0	09:53 hrs	2.49	0.00	0.00	0.78	1.42	0.27	1.69	0.57	0.68
291	☐	36	23.62	0	09:53 hrs	2.26	0.00	0.00	0.52	1.53	0.18	1.71	1.05	0.76
292	☐	360	7.09	0	09:53 hrs	2.26	0.00	0.00	0.67	1.36	0.20	1.56	0.28	0.69
293	☐	361	7.81	0	09:53 hrs	2.26	0.00	0.00	0.86	1.13	0.25	1.38	0.31	0.61
294	☐	362	16.15	0	09:53 hrs	2.26	0.00	0.00	0.71	1.33	0.20	1.53	0.75	0.67
295	☐	363	9.28	0	09:53 hrs	2.26	0.00	0.00	0.57	1.49	0.17	1.66	0.37	0.73
296	☐	364	14.35	0	09:53 hrs	2.26	0.00	0.00	0.85	1.15	0.24	1.39	0.63	0.61
297	☐	365	21.98	0	10:00 hrs	2.26	0.00	0.00	0.80	1.22	0.22	1.44	1.06	0.64
298	☐	366	16.59	0	09:53 hrs	2.26	0.00	0.00	0.42	1.68	0.13	1.81	0.70	0.80
299	☐	367	35.79	0	09:53 hrs	2.49	0.00	0.00	0.69	1.32	0.41	1.72	1.83	0.69
300	☐	368	18.99	0	09:53 hrs	2.49	0.00	0.00	0.84	1.35	0.28	1.63	0.80	0.65
301	☐	369	39.30	0	09:53 hrs	2.49	0.00	0.00	0.43	1.87	0.15	2.02	1.80	0.81
302	☐	37	18.45	0	09:53 hrs	2.26	0.00	0.00	0.74	1.24	0.26	1.50	0.81	0.66
303	☐	370	7.90	0	09:53 hrs	2.49	0.00	0.00	0.35	1.99	0.13	2.11	0.30	0.85
304	☐	371	47.90	0	10:00 hrs	2.49	0.00	0.00	0.28	2.05	0.10	2.15	2.56	0.86
305	☐	372	8.71	0	09:53 hrs	2.49	0.00	0.00	0.10	2.32	0.04	2.35	0.35	0.94
306	☐	373	19.29	0	09:53 hrs	2.49	0.00	0.00	0.87	1.29	0.31	1.60	0.83	0.64

FUTURE CONDITIONS 5-YR 24-HR CLIMATE CHANGE SUBCATCHMENTS

		ID	Peak Runoff (cfs)	Peak Runoff Day Count (Elapsed Days)	Peak Runoff Time (hrs)	Total Precipitation (in)	Total Runon (in)	Total Evaporation (in)	Total Infiltration (in)	Impervious Runoff (in)	Pervious Runoff (in)	Total Runoff Depth (in)	Total Runoff Volume (MG)	Runoff Coefficient
307	☐	374	10.19	0	09:53 hrs	2.49	0.00	0.00	0.28	2.06	0.12	2.18	0.38	0.88
308	☐	375	13.61	0	09:53 hrs	2.26	0.00	0.00	0.59	1.39	0.26	1.65	0.54	0.73
309	☐	376	13.73	0	09:53 hrs	2.49	0.00	0.00	0.69	1.54	0.24	1.78	0.54	0.71
310	☐	377	3.98	0	09:53 hrs	2.49	0.00	0.00	0.24	2.14	0.09	2.23	0.13	0.90
311	☐	378	5.86	0	09:53 hrs	2.49	0.00	0.00	0.19	2.21	0.07	2.28	0.21	0.91
312	☐	379	20.69	0	09:53 hrs	2.49	0.00	0.00	0.69	1.53	0.24	1.77	0.85	0.71
313	☐	38	41.73	0	09:53 hrs	2.49	0.00	0.00	0.84	1.31	0.31	1.62	2.09	0.65
314	☐	380	16.26	0	09:53 hrs	2.49	0.00	0.00	0.55	1.72	0.19	1.92	0.64	0.77
315	☐	381	9.69	0	09:53 hrs	2.49	0.00	0.00	0.54	1.74	0.19	1.93	0.37	0.77
316	☐	382	4.61	0	09:53 hrs	2.49	0.00	0.00	0.87	1.46	0.16	1.62	0.15	0.65
317	☐	383	18.64	0	09:53 hrs	2.49	0.00	0.00	0.83	1.36	0.28	1.64	0.78	0.66
318	☐	384	21.22	0	09:53 hrs	2.49	0.00	0.00	0.72	1.50	0.24	1.75	0.89	0.70
319	☐	385	17.33	0	09:53 hrs	2.49	0.00	0.00	0.17	2.21	0.06	2.27	0.74	0.91
320	☐	386	20.46	0	09:53 hrs	2.49	0.00	0.00	0.87	1.31	0.29	1.61	0.82	0.64
321	☐	387	5.45	0	09:53 hrs	2.49	0.00	0.00	0.91	1.25	0.33	1.58	0.17	0.63
322	☐	388	7.23	0	09:53 hrs	2.49	0.00	0.00	0.70	1.37	0.39	1.76	0.25	0.71
323	☐	389	3.66	0	09:53 hrs	2.49	0.00	0.00	0.76	1.72	0.00	1.72	0.13	0.69
324	☐	39	14.90	0	09:53 hrs	2.49	0.00	0.00	0.85	1.33	0.29	1.62	0.60	0.65
325	☐	390	4.25	0	09:53 hrs	2.49	0.00	0.00	1.19	1.29	0.00	1.29	0.15	0.52
326	☐	391	9.39	0	09:53 hrs	2.49	0.00	0.00	0.78	1.42	0.27	1.69	0.35	0.68
327	☐	392	9.47	0	09:53 hrs	2.49	0.00	0.00	0.85	1.34	0.29	1.63	0.35	0.65
328	☐	393	10.63	0	09:53 hrs	2.49	0.00	0.00	0.82	1.38	0.28	1.66	0.40	0.67
329	☐	394	10.38	0	09:53 hrs	2.49	0.00	0.00	0.62	1.63	0.22	1.85	0.38	0.74
330	☐	395	11.85	0	09:53 hrs	2.49	0.00	0.00	0.93	1.23	0.31	1.54	0.48	0.62
331	☐	396	11.54	0	09:53 hrs	2.49	0.00	0.00	0.58	1.69	0.20	1.89	0.44	0.76
332	☐	397	25.42	0	09:53 hrs	2.49	0.00	0.00	0.87	1.30	0.29	1.59	1.13	0.64
333	☐	398	12.08	0	09:53 hrs	2.49	0.00	0.00	0.72	1.50	0.25	1.75	0.47	0.70
334	☐	399	23.10	0	09:53 hrs	2.49	0.00	0.00	0.37	1.95	0.13	2.08	0.99	0.84
335	☐	4	9.09	0	09:53 hrs	2.49	0.00	0.00	0.27	2.10	0.10	2.19	0.34	0.88
336	☐	40	14.98	0	09:53 hrs	2.49	0.00	0.00	0.90	1.27	0.30	1.57	0.65	0.63
337	☐	400	40.56	0	09:53 hrs	2.49	0.00	0.00	0.85	1.33	0.27	1.61	2.03	0.64
338	☐	401	10.20	0	09:53 hrs	2.49	0.00	0.00	0.67	1.57	0.23	1.80	0.38	0.72
339	☐	402	14.91	0	09:53 hrs	2.26	0.00	0.00	0.74	1.23	0.27	1.50	0.58	0.66
340	☐	403	8.81	0	09:53 hrs	2.26	0.00	0.00	0.55	1.32	0.33	1.65	0.36	0.73

FUTURE CONDITIONS 5-YR 24-HR CLIMATE CHANGE SUBCATCHMENTS

		ID	Peak Runoff (cfs)	Peak Runoff Day Count (Elapsed Days)	Peak Runoff Time (hrs)	Total Precipitation (in)	Total Runoff (in)	Total Evaporation (in)	Total Infiltration (in)	Impervious Runoff (in)	Pervious Runoff (in)	Total Runoff Depth (in)	Total Runoff Volume (MG)	Runoff Coefficient
341	☐	404	23.50	0	10:00 hrs	2.26	0.00	0.00	0.66	1.13	0.39	1.52	1.19	0.67
342	☐	405	15.60	0	09:53 hrs	2.26	0.00	0.00	0.58	1.26	0.35	1.61	0.70	0.71
343	☐	406	45.84	0	10:00 hrs	2.26	0.00	0.00	0.30	1.82	0.09	1.91	2.28	0.84
344	☐	407	21.93	0	09:53 hrs	2.49	0.00	0.00	0.90	1.27	0.30	1.58	0.92	0.63
345	☐	408	4.04	0	09:53 hrs	2.49	0.00	0.00	0.18	2.22	0.07	2.29	0.14	0.92
346	☐	409	3.28	0	09:53 hrs	2.49	0.00	0.00	0.24	2.15	0.09	2.24	0.11	0.90
347	☐	41	30.30	0	09:53 hrs	2.49	0.00	0.00	0.88	1.30	0.28	1.59	1.44	0.64
348	☐	410	19.87	0	09:53 hrs	2.49	0.00	0.00	0.82	1.63	0.00	1.64	0.83	0.66
349	☐	411	10.05	0	09:53 hrs	2.49	0.00	0.00	0.73	1.72	0.02	1.73	0.40	0.70
350	☐	412	9.27	0	09:53 hrs	2.49	0.00	0.00	0.92	1.55	0.00	1.55	0.36	0.62
351	☐	413	6.89	0	09:53 hrs	2.49	0.00	0.00	0.54	1.93	0.00	1.93	0.26	0.78
352	☐	414	19.83	0	09:53 hrs	2.49	0.00	0.00	0.77	1.43	0.26	1.70	0.82	0.68
353	☐	415	11.60	0	09:53 hrs	2.49	0.00	0.00	0.85	1.33	0.29	1.62	0.44	0.65
354	☐	416	19.74	0	09:53 hrs	2.49	0.00	0.00	0.71	1.51	0.24	1.75	0.81	0.70
355	☐	417	6.83	0	09:53 hrs	2.49	0.00	0.00	0.91	1.25	0.32	1.57	0.24	0.63
356	☐	418	14.11	0	09:53 hrs	2.49	0.00	0.00	0.52	1.76	0.18	1.94	0.58	0.78
357	☐	419	8.44	0	09:53 hrs	2.49	0.00	0.00	0.19	2.19	0.07	2.26	0.33	0.91
358	☐	42	20.10	0	09:53 hrs	2.49	0.00	0.00	0.50	1.94	0.01	1.96	0.81	0.79
359	☐	420	3.80	0	09:53 hrs	2.49	0.00	0.00	0.26	2.22	0.00	2.22	0.14	0.89
360	☐	421	33.24	0	09:53 hrs	2.49	0.00	0.00	1.09	1.06	0.32	1.38	1.89	0.55
361	☐	422	30.00	0	09:53 hrs	2.49	0.00	0.00	0.73	1.49	0.24	1.73	1.39	0.69
362	☐	423	2.73	0	09:53 hrs	2.26	0.00	0.00	0.49	1.42	0.30	1.72	0.10	0.76
363	☐	424	10.71	0	09:53 hrs	2.26	0.00	0.00	0.41	1.55	0.25	1.80	0.44	0.79
364	☐	425	26.00	0	10:00 hrs	2.26	0.00	0.00	0.53	1.34	0.32	1.66	1.26	0.73
365	☐	426	35.69	0	10:00 hrs	2.26	0.00	0.00	0.80	0.96	0.42	1.38	2.02	0.61
366	☐	427	9.15	0	09:53 hrs	2.26	0.00	0.00	0.79	0.93	0.48	1.40	0.35	0.62
367	☐	428	17.35	0	09:53 hrs	2.26	0.00	0.00	0.41	1.56	0.24	1.80	0.72	0.80
368	☐	429	29.75	0	10:00 hrs	2.26	0.00	0.00	0.58	1.48	0.17	1.64	1.38	0.73
369	☐	43	25.97	0	09:53 hrs	2.49	0.00	0.00	0.83	1.36	0.28	1.64	1.16	0.66
370	☐	430	7.25	0	09:53 hrs	2.26	0.00	0.00	0.84	1.16	0.24	1.40	0.29	0.62
371	☐	431	26.50	0	10:00 hrs	2.26	0.00	0.00	0.73	1.30	0.20	1.50	1.28	0.66
372	☐	432	23.51	0	09:53 hrs	2.26	0.00	0.00	0.82	1.19	0.23	1.42	1.10	0.63
373	☐	433	26.65	0	10:00 hrs	2.26	0.00	0.00	0.76	1.26	0.21	1.47	1.30	0.65
374	☐	434	30.09	0	10:00 hrs	2.26	0.00	0.00	0.54	1.53	0.16	1.68	1.40	0.74

FUTURE CONDITIONS 5-YR 24-HR CLIMATE CHANGE SUBCATCHMENTS

		ID	Peak Runoff (cfs)	Peak Runoff Day Count (Elapsed Days)	Peak Runoff Time (hrs)	Total Precipitation (in)	Total Runon (in)	Total Evaporation (in)	Total Infiltration (in)	Impervious Runoff (in)	Pervious Runoff (in)	Total Runoff Depth (in)	Total Runoff Volume (MG)	Runoff Coefficient
375	☐	435	13.77	0	09:53 hrs	2.26	0.00	0.00	0.71	1.32	0.21	1.52	0.60	0.67
376	☐	436	10.57	0	09:53 hrs	2.26	0.00	0.00	0.41	1.55	0.25	1.80	0.39	0.80
377	☐	437	16.40	0	09:53 hrs	2.26	0.00	0.00	0.47	1.44	0.28	1.73	0.73	0.76
378	☐	438	31.51	0	10:00 hrs	2.26	0.00	0.00	0.32	1.68	0.20	1.87	1.49	0.83
379	☐	439	24.85	0	10:00 hrs	2.26	0.00	0.00	0.65	1.20	0.35	1.55	1.20	0.69
380	☐	44	33.09	0	09:53 hrs	2.49	0.00	0.00	0.88	1.30	0.28	1.59	1.61	0.64
381	☐	440	23.31	0	10:00 hrs	2.26	0.00	0.00	0.57	1.49	0.16	1.66	1.09	0.73
382	☐	441	5.01	0	09:53 hrs	2.26	0.00	0.00	0.73	1.42	0.10	1.52	0.18	0.67
383	☐	442	55.65	0	10:00 hrs	2.26	0.00	0.00	0.71	1.32	0.18	1.51	3.07	0.67
384	☐	443	2.25	0	09:53 hrs	2.26	0.00	0.00	0.59	1.48	0.18	1.66	0.08	0.74
385	☐	444	14.18	0	09:53 hrs	2.26	0.00	0.00	0.32	1.80	0.10	1.90	0.65	0.84
386	☐	445	19.46	0	10:00 hrs	2.26	0.00	0.00	0.82	1.19	0.22	1.41	0.95	0.63
387	☐	446	9.39	0	09:53 hrs	2.26	0.00	0.00	0.80	1.18	0.26	1.44	0.40	0.64
388	☐	447	13.35	0	09:53 hrs	2.49	0.00	0.00	0.84	1.34	0.29	1.63	0.52	0.65
389	☐	448	13.06	0	09:53 hrs	2.49	0.00	0.00	0.95	1.21	0.32	1.53	0.50	0.62
390	☐	449	13.45	0	09:53 hrs	2.49	0.00	0.00	0.18	2.19	0.07	2.26	0.57	0.91
391	☐	45	47.82	0	10:00 hrs	2.26	0.00	0.00	0.58	1.29	0.32	1.61	2.43	0.71
392	☐	450	7.73	0	09:53 hrs	2.49	0.00	0.00	0.63	1.62	0.22	1.85	0.27	0.74
393	☐	451	6.69	0	09:53 hrs	2.49	0.00	0.00	0.91	1.25	0.32	1.57	0.22	0.63
394	☐	452	13.63	0	09:53 hrs	2.26	0.00	0.00	0.42	1.57	0.23	1.80	0.56	0.79
395	☐	453	48.25	0	10:00 hrs	2.49	0.00	0.00	0.60	1.52	0.30	1.82	2.65	0.73
396	☐	454	51.99	0	10:00 hrs	2.26	0.00	0.00	0.75	1.11	0.35	1.45	2.75	0.64
397	☐	455	5.44	0	09:53 hrs	2.26	0.00	0.00	0.37	1.72	0.15	1.87	0.20	0.83
398	☐	456	34.25	0	09:53 hrs	2.49	0.00	0.00	0.91	1.27	0.29	1.55	1.74	0.62
399	☐	457	14.36	0	09:53 hrs	2.26	0.00	0.00	0.35	1.70	0.17	1.87	0.57	0.83
400	☐	458	17.60	0	09:53 hrs	2.26	0.00	0.00	0.57	1.45	0.21	1.66	0.78	0.73
401	☐	459	24.73	0	09:53 hrs	2.49	0.00	0.00	0.63	1.61	0.22	1.83	1.12	0.73
402	☐	46	17.40	0	09:53 hrs	2.26	0.00	0.00	0.36	1.62	0.22	1.85	0.67	0.82
403	☐	460	8.27	0	09:53 hrs	2.26	0.00	0.00	0.21	1.94	0.07	2.01	0.32	0.89
404	☐	461	33.10	0	10:00 hrs	2.26	0.00	0.00	0.25	1.88	0.08	1.95	1.70	0.86
405	☐	462	46.29	0	10:00 hrs	2.26	0.00	0.00	0.21	1.93	0.06	1.99	2.44	0.88
406	☐	463	19.81	0	09:53 hrs	2.49	0.00	0.00	0.30	2.04	0.11	2.15	0.85	0.86
407	☐	464	4.15	0	09:53 hrs	2.26	0.00	0.00	0.60	1.46	0.19	1.64	0.14	0.73
408	☐	465	7.30	0	09:53 hrs	2.26	0.00	0.00	0.92	1.06	0.26	1.33	0.30	0.59

FUTURE CONDITIONS 5-YR 24-HR CLIMATE CHANGE SUBCATCHMENTS

		ID	Peak Runoff (cfs)	Peak Runoff Day Count (Elapsed Days)	Peak Runoff Time (hrs)	Total Precipitation (in)	Total Runon (in)	Total Evaporation (in)	Total Infiltration (in)	Impervious Runoff (in)	Pervious Runoff (in)	Total Runoff Depth (in)	Total Runoff Volume (MG)	Runoff Coefficient
409	☐	466	2.05	0	09:53 hrs	2.26	0.00	0.00	1.18	0.73	0.35	1.08	0.08	0.48
410	☐	467	18.13	0	09:53 hrs	2.26	0.00	0.00	0.53	1.53	0.17	1.70	0.81	0.75
411	☐	468	4.84	0	09:53 hrs	2.49	0.00	0.00	0.72	1.74	0.01	1.75	0.18	0.70
412	☐	469	18.42	0	09:53 hrs	2.49	0.00	0.00	0.77	1.69	0.00	1.69	0.76	0.68
413	☐	47	17.88	0	09:53 hrs	2.26	0.00	0.00	0.28	1.75	0.17	1.92	0.78	0.85
414	☐	470	6.04	0	09:53 hrs	2.26	0.00	0.00	0.68	1.36	0.20	1.56	0.23	0.69
415	☐	471	2.03	0	09:53 hrs	2.49	0.00	0.00	0.47	1.86	0.18	2.04	0.06	0.82
416	☐	472	1.91	0	09:53 hrs	2.49	0.00	0.00	0.46	1.87	0.17	2.05	0.06	0.82
417	☐	473	1.96	0	09:53 hrs	2.49	0.00	0.00	0.18	2.22	0.07	2.29	0.07	0.92
418	☐	474	9.02	0	09:53 hrs	2.49	0.00	0.00	0.73	1.73	0.00	1.73	0.35	0.70
419	☐	475	143.23	0	10:00 hrs	2.49	0.00	0.00	1.10	1.05	0.30	1.36	9.79	0.54
420	☐	476	125.83	0	10:00 hrs	2.49	0.00	0.00	1.15	0.97	0.35	1.32	7.92	0.53
421	☐	477	38.76	0	10:00 hrs	2.26	0.00	0.00	1.03	0.97	0.22	1.19	2.40	0.53
422	☐	478	33.93	0	09:53 hrs	2.49	0.00	0.00	0.38	1.76	0.28	2.04	1.45	0.82
423	☐	479	6.41	0	10:00 hrs	2.49	0.00	0.00	1.87	0.13	0.50	0.63	0.55	0.25
424	☐	48	34.61	0	10:00 hrs	2.26	0.00	0.00	0.47	1.48	0.25	1.73	1.61	0.77
425	☐	480	11.37	0	09:53 hrs	2.49	0.00	0.00	1.00	1.14	0.33	1.47	0.50	0.59
426	☐	481	30.86	0	09:53 hrs	2.49	0.00	0.00	0.84	1.36	0.27	1.62	1.52	0.65
427	☐	489	20.30	0	09:53 hrs	2.49	0.00	0.00	1.90	0.16	0.43	0.59	1.90	0.24
428	☐	49	15.44	0	09:53 hrs	2.26	0.00	0.00	0.15	2.02	0.05	2.07	0.65	0.91
429	☐	490	14.88	0	09:53 hrs	2.49	0.00	0.00	1.08	1.06	0.34	1.40	0.71	0.56
430	☐	491	4.56	0	10:00 hrs	2.49	0.00	0.00	1.84	0.13	0.52	0.65	0.35	0.26
431	☐	492	1.93	0	09:53 hrs	2.49	0.00	0.00	1.05	1.08	0.36	1.44	0.07	0.58
432	☐	493	17.89	0	09:53 hrs	2.49	0.00	0.00	1.07	1.07	0.33	1.40	0.88	0.56
433	☐	494	98.71	0	10:00 hrs	2.49	0.00	0.00	1.11	1.05	0.29	1.35	6.34	0.54
434	☐	496	7.23	0	10:00 hrs	2.26	0.00	0.00	1.74	0.17	0.35	0.52	0.58	0.23
435	☐	5	13.42	0	09:53 hrs	2.49	0.00	0.00	0.73	1.49	0.25	1.74	0.55	0.70
436	☐	50	17.63	0	09:53 hrs	2.26	0.00	0.00	0.54	1.53	0.16	1.69	0.73	0.75
437	☐	51	18.99	0	09:53 hrs	2.26	0.00	0.00	0.47	1.62	0.14	1.76	0.77	0.78
438	☐	52	34.62	0	10:00 hrs	2.26	0.00	0.00	0.61	1.42	0.20	1.62	1.66	0.72
439	☐	53	30.97	0	10:00 hrs	2.26	0.00	0.00	0.46	1.55	0.20	1.75	1.50	0.78
440	☐	54	29.51	0	10:00 hrs	2.26	0.00	0.00	0.29	1.84	0.09	1.93	1.40	0.85
441	☐	55	35.04	0	10:00 hrs	2.26	0.00	0.00	0.35	1.76	0.10	1.86	1.71	0.82
442	☐	56	30.55	0	10:00 hrs	2.26	0.00	0.00	0.36	1.74	0.11	1.85	1.48	0.82

FUTURE CONDITIONS 5-YR 24-HR CLIMATE CHANGE SUBCATCHMENTS

		ID	Peak Runoff (cfs)	Peak Runoff Day Count (Elapsed Days)	Peak Runoff Time (hrs)	Total Precipitation (in)	Total Runon (in)	Total Evaporation (in)	Total Infiltration (in)	Impervious Runoff (in)	Pervious Runoff (in)	Total Runoff Depth (in)	Total Runoff Volume (MG)	Runoff Coefficient
443		57	20.50	0	09:53 hrs	2.26	0.00	0.00	0.47	1.61	0.14	1.75	0.92	0.77
444		58	20.53	0	09:53 hrs	2.26	0.00	0.00	0.70	1.27	0.26	1.54	0.93	0.68
445		59	21.87	0	09:53 hrs	2.26	0.00	0.00	0.50	1.42	0.28	1.70	0.99	0.75
446		6	5.81	0	09:53 hrs	2.49	0.00	0.00	0.55	1.91	0.01	1.92	0.21	0.77
447		60	4.91	0	09:53 hrs	2.26	0.00	0.00	0.56	1.50	0.18	1.68	0.17	0.74
448		61	25.71	0	10:00 hrs	2.26	0.00	0.00	0.43	1.52	0.25	1.77	1.21	0.78
449		62	14.48	0	09:53 hrs	2.26	0.00	0.00	0.48	1.43	0.29	1.72	0.65	0.76
450		63	27.70	0	10:00 hrs	2.26	0.00	0.00	0.69	1.18	0.34	1.52	1.37	0.67
451		64	30.66	0	09:53 hrs	2.26	0.00	0.00	0.79	1.20	0.25	1.45	1.26	0.64
452		65	22.96	0	09:53 hrs	2.26	0.00	0.00	1.10	0.78	0.37	1.15	0.96	0.51
453		66	12.56	0	09:53 hrs	2.26	0.00	0.00	0.66	1.27	0.31	1.58	0.47	0.70
454		67	24.33	0	09:53 hrs	2.26	0.00	0.00	0.79	1.12	0.33	1.45	0.97	0.64
455		68	26.05	0	09:53 hrs	2.26	0.00	0.00	1.03	0.90	0.32	1.22	1.05	0.54
456		69	34.23	0	10:00 hrs	2.26	0.00	0.00	0.54	1.39	0.28	1.67	1.61	0.74
457		7	3.93	0	09:53 hrs	2.49	0.00	0.00	0.18	2.22	0.07	2.29	0.14	0.92
458		70	16.07	0	09:53 hrs	2.26	0.00	0.00	0.40	1.55	0.24	1.79	0.72	0.79
459		71	29.69	0	09:53 hrs	2.49	0.00	0.00	0.58	1.42	0.41	1.83	1.52	0.73
460		72	33.31	0	09:53 hrs	2.49	0.00	0.00	0.63	1.33	0.44	1.77	1.74	0.71
461		73	3.98	0	09:53 hrs	2.26	0.00	0.00	0.57	1.30	0.35	1.64	0.14	0.73
462		74	9.32	0	09:53 hrs	2.26	0.00	0.00	0.67	1.12	0.40	1.52	0.41	0.67
463		75	31.09	0	09:53 hrs	2.49	0.00	0.00	0.62	1.34	0.44	1.78	1.57	0.71
464		76	8.51	0	09:53 hrs	2.26	0.00	0.00	0.60	1.24	0.36	1.60	0.34	0.71
465		77	43.09	0	10:00 hrs	2.26	0.00	0.00	0.27	1.86	0.08	1.94	2.16	0.86
466		78	18.52	0	09:53 hrs	2.26	0.00	0.00	0.09	2.09	0.03	2.12	0.90	0.94
467		79	19.30	0	09:53 hrs	2.26	0.00	0.00	0.54	1.52	0.16	1.68	0.83	0.74
468		8	140.30	0	10:00 hrs	2.49	0.00	0.00	1.59	0.56	0.29	0.85	11.05	0.34
469		80	30.19	0	10:00 hrs	2.26	0.00	0.00	0.28	1.84	0.09	1.93	1.44	0.85
470		81	30.89	0	10:00 hrs	2.26	0.00	0.00	0.30	1.82	0.09	1.91	1.45	0.85
471		82	51.58	0	10:00 hrs	2.26	0.00	0.00	0.28	1.82	0.10	1.93	2.68	0.85
472		83	63.55	0	10:00 hrs	2.26	0.00	0.00	0.63	1.42	0.17	1.59	3.55	0.70
473		84	45.16	0	10:00 hrs	2.26	0.00	0.00	0.51	1.56	0.15	1.70	2.27	0.75
474		85	42.04	0	10:00 hrs	2.26	0.00	0.00	0.40	1.69	0.11	1.80	2.24	0.80
475		86	43.75	0	10:00 hrs	2.26	0.00	0.00	0.15	1.97	0.07	2.04	2.33	0.90
476		87	59.59	0	10:00 hrs	2.26	0.00	0.00	0.15	1.99	0.05	2.03	3.41	0.90

FUTURE CONDITIONS 5-YR 24-HR CLIMATE CHANGE SUBCATCHMENTS

		ID	Peak Runoff (cfs)	Peak Runoff Day Count (Elapsed Days)	Peak Runoff Time (hrs)	Total Precipitation (in)	Total Runon (in)	Total Evaporation (in)	Total Infiltration (in)	Impervious Runoff (in)	Pervious Runoff (in)	Total Runoff Depth (in)	Total Runoff Volume (MG)	Runoff Coefficient
477	☐	88	30.25	0	10:00 hrs	2.26	0.00	0.00	0.23	1.83	0.14	1.97	1.49	0.87
478	☐	89	57.59	0	10:00 hrs	2.26	0.00	0.00	0.25	1.79	0.15	1.94	3.08	0.86
479	☐	9	7.59	0	09:53 hrs	2.49	0.00	0.00	0.20	2.19	0.07	2.27	0.28	0.91
480	☐	90	75.95	0	10:00 hrs	2.26	0.00	0.00	0.10	2.01	0.06	2.08	4.22	0.92
481	☐	91	48.26	0	10:00 hrs	2.26	0.00	0.00	0.24	1.81	0.14	1.95	2.39	0.86
482	☐	92	18.44	0	09:53 hrs	2.26	0.00	0.00	0.11	2.02	0.07	2.09	0.87	0.92
483	☐	93	42.23	0	10:00 hrs	2.26	0.00	0.00	0.24	1.88	0.08	1.96	2.10	0.87
484	☐	94	1.64	0	09:53 hrs	2.26	0.00	0.00	0.14	2.02	0.09	2.11	0.06	0.93
485	☐	95	2.27	0	09:53 hrs	2.26	0.00	0.00	0.16	2.01	0.08	2.08	0.08	0.92
486	☐	96	38.22	0	10:00 hrs	2.26	0.00	0.00	0.77	1.26	0.20	1.46	1.99	0.64
487	☐	97	17.18	0	09:53 hrs	2.26	0.00	0.00	0.84	1.16	0.23	1.39	0.79	0.62
488	☐	98	2.52	0	09:53 hrs	2.26	0.00	0.00	0.17	2.01	0.06	2.07	0.09	0.91
489	☐	99	16.33	0	09:53 hrs	2.26	0.00	0.00	0.75	1.28	0.21	1.49	0.74	0.66

FUTURE CONDITIONS 5-YR 24-HR CLIMATE CHANGE JUNCTIONS

		ID	Maximum Depth (ft)	Maximum HGL (ft)	Maximum HGL Head Class	Freeboard (ft)	Max.Depth Day-Time (day-time)	Maximum Lateral Inflow (cfs)	Maximum Total Inflow (cfs)	Lateral Inflow Volume (MG)	Total Inflow Volume (MG)	Flow Volume Difference (MG)	Total Surcharge Time (hrs)	Max.Surchar ge Height Above Crown	Min.Surchar ge Depth Below Rim (ft)	Total Flood Volume (MG)	Total Flood Time (hrs)	Maximum Flood Rate (cfs)	Max.Flood Day-Time (day-time)
1	☐	AC3_OTL	0.74	82.13	Flow Link Crov	1.01	0 - 17:32 hrs	0.00	5.76	0.00	2.57	88.77	0.00	0.00	0.00	0.00	0.00	0.00	0 - 00:00 hrs
2	☐	CP_OV_OTL_1	7.38	42.56	Flow Link Crov	-5.38	0 - 11:41 hrs	0.00	58.24	0.00	19.62	1,041.97	0.00	0.00	0.00	0.00	0.00	0.00	0 - 00:00 hrs
3	☐	ELD_OTL	12.40	109.82	Surcharged	-8.90	0 - 10:48 hrs	0.00	59.13	0.00	2.98	34,080.82	16.19	8.90	0.00	0.00	0.00	0.00	0 - 00:00 hrs
4	☐	ID_1	6.71	42.28	w Maximum D	1.69	0 - 09:55 hrs	18.91	39.80	0.88	3.05	775.16	11.94	3.80	1.69	0.00	0.00	0.00	0 - 00:00 hrs
5	☐	ID_10	7.15	35.45	Surcharged	-2.95	0 - 12:18 hrs	0.00	8.80	0.00	4.64	543.30	44.96	5.15	0.00	0.00	0.00	0.00	0 - 00:00 hrs
6	☐	ID_11	11.07	51.00	w Maximum D	0.00	0 - 00:00 hrs	0.00	145.39	0.00	3.70	2,660.38	0.01	6.07	0.00	0.00	0.00	124.92	0 - 00:00 hrs
7	☐	ID_12	12.63	98.50	w Maximum D	0.00	0 - 09:57 hrs	0.00	64.84	0.00	3.85	-3.43	0.48	8.95	0.00	0.00	0.00	18.42	0 - 09:57 hrs
8	☐	ID_13	4.10	36.86	Flow Link Crov	4.14	0 - 10:02 hrs	0.00	236.51	0.00	30.00	4,284.94	0.00	0.00	0.00	0.00	0.00	0.00	0 - 00:00 hrs
9	☐	ID_14	4.34	51.98	Flow Link Crov	5.86	0 - 10:10 hrs	0.00	417.65	0.00	51.05	908.81	0.00	0.00	0.00	0.00	0.00	0.00	0 - 00:00 hrs
10	☐	ID_2	15.01	82.68	Surcharged	0.00	0 - 09:56 hrs	0.00	167.17	0.00	12.51	100.56	3.03	10.51	0.00	0.00	0.00	25.44	0 - 09:56 hrs
11	☐	ID_3	5.37	84.29	Surcharged	0.00	0 - 09:52 hrs	0.00	23.34	0.00	2.04	137.45	1.51	3.12	0.00	0.04	0.37	8.01	0 - 09:52 hrs
12	☐	ID_4	11.92	41.78	Surcharged	-9.28	0 - 12:11 hrs	0.00	9.81	0.00	4.68	322.33	33.59	5.42	0.00	0.00	0.00	0.00	0 - 00:00 hrs
13	☐	ID_5	11.41	41.06	Surcharged	-8.56	0 - 12:18 hrs	0.00	8.82	0.00	4.67	634.63	45.28	9.41	0.00	0.00	0.00	0.00	0 - 00:00 hrs
14	☐	ID_6	10.90	40.33	Surcharged	-7.83	0 - 12:18 hrs	0.00	8.80	0.00	4.67	655.46	45.25	8.90	0.00	0.00	0.00	0.00	0 - 00:00 hrs
15	☐	ID_7	10.31	39.49	Surcharged	-6.99	0 - 12:18 hrs	0.00	8.78	0.00	4.67	1,366.83	45.19	8.31	0.00	0.00	0.00	0.00	0 - 00:00 hrs
16	☐	ID_8	8.66	37.24	Surcharged	-4.74	0 - 11:40 hrs	0.00	8.77	0.00	4.65	783.74	45.00	6.66	0.00	0.00	0.00	0.00	0 - 00:00 hrs
17	☐	ID_9	8.09	36.44	Surcharged	-3.94	0 - 12:42 hrs	0.00	8.79	0.00	4.65	619.02	44.96	6.09	0.00	0.00	0.00	0.00	0 - 00:00 hrs
18	☐	JCT_12	3.74	99.74	Flow Link Crov	0.76	0 - 10:00 hrs	0.00	86.14	0.00	1.75	-25.80	0.00	0.00	0.00	0.00	0.00	0.00	0 - 00:00 hrs
19	☐	JCT_14	10.62	86.48	Surcharged	-2.62	0 - 17:00 hrs	0.00	12.95	0.00	1.74	54,170.18	28.01	2.62	0.00	0.00	0.00	0.00	0 - 00:00 hrs
20	☐	JCT_CL512	2.34	53.88	Flow Link Crov	54.20	0 - 10:04 hrs	47.29	237.70	1.92	17.43	3,407.13	0.00	0.00	0.00	0.00	0.00	0.00	0 - 00:00 hrs
21	☐	MB_OTL	6.15	98.01	Surcharged	-4.15	0 - 10:03 hrs	0.00	37.58	0.00	6.98	-1,942.53	0.04	0.29	0.00	0.00	0.00	0.00	0 - 00:00 hrs
22	☐	MKP_OTL	5.96	98.35	Surcharged	-4.46	0 - 10:18 hrs	0.00	17.94	0.00	1.15	-3.26	5.57	3.09	0.00	0.00	0.00	0.00	0 - 00:00 hrs
23	☐	MONTEBELLA_DITCH_OVF	10.30	100.13	w Maximum D	0.00	0 - 10:00 hrs	136.29	136.29	6.79	6.79	0.00	0.58	5.80	0.00	0.00	0.00	1.64	0 - 10:00 hrs
24	☐	MONTEBELLA_DITCH_OVF2	9.20	98.18	w Maximum D	0.00	0 - 10:00 hrs	0.00	2.23	0.00	0.01	0.00	0.97	6.05	0.00	0.00	0.01	0.93	0 - 10:00 hrs
25	☐	MS_200_221	3.09	50.25	Flow Link Crov	7.29	0 - 10:04 hrs	65.77	242.39	2.79	19.58	1,542.58	0.00	0.00	0.00	0.00	0.00	0.00	0 - 00:00 hrs
26	☐	SWCB-D3-010	4.44	86.46	w Maximum D	3.98	0 - 17:22 hrs	0.00	24.71	0.00	1.09	0.00	28.09	2.19	3.98	0.00	0.00	0.00	0 - 00:00 hrs
27	☐	SWCB-E3-003	4.24	86.49	w Maximum D	2.66	0 - 17:05 hrs	5.85	5.85	0.21	0.21	0.00	27.77	2.24	2.66	0.00	0.00	0.00	0 - 00:00 hrs
28	☐	SWCB-E3-005	4.11	86.49	w Maximum D	1.11	0 - 16:40 hrs	0.00	2.28	0.00	0.06	535.16	27.66	2.11	1.11	0.00	0.00	0.00	0 - 00:00 hrs
29	☐	SWCB-E3-007	4.44	86.50	w Maximum D	1.16	0 - 16:15 hrs	0.00	8.35	0.00	0.33	276.27	27.91	2.44	1.16	0.00	0.00	0.00	0 - 00:00 hrs
30	☐	SWCB-E3-008	4.10	86.45	w Maximum D	0.70	0 - 18:24 hrs	8.44	8.44	0.33	0.33	0.00	27.75	2.10	0.70	0.00	0.00	0.00	0 - 00:00 hrs
31	☐	SWCB-E4-009	8.40	102.62	Surcharged	0.00	0 - 09:57 hrs	0.00	42.90	0.00	2.86	-29.38	1.53	5.40	0.00	0.00	0.00	19.09	0 - 09:57 hrs
32	☐	SWCB-E4-010	6.45	99.52	w Maximum D	0.00	0 - 09:56 hrs	0.00	53.83	0.00	3.49	185.63	1.68	3.45	0.00	0.08	0.30	19.11	0 - 10:02 hrs
33	☐	SWCB-E4-025	7.08	98.46	Surcharged	0.00	0 - 09:56 hrs	0.00	55.23	0.00	4.26	108.46	1.84	4.08	0.00	0.00	0.03	1.85	0 - 09:56 hrs
34	☐	SWCB-F4-009	7.00	94.48	Surcharged	0.00	0 - 09:56 hrs	0.00	48.17	0.00	4.17	-72.87	2.18	3.95	0.00	0.12	0.55	17.68	0 - 09:56 hrs
35	☐	SWCB-F4-034	7.05	94.40	Surcharged	0.00	0 - 09:56 hrs	0.00	50.03	0.00	4.05	145.57	2.27	4.05	0.00	0.10	0.42	14.79	0 - 09:56 hrs
36	☐	SWCB-G6-027	9.06	101.12	w Maximum D	0.44	0 - 09:59 hrs	0.00	27.85	0.00	1.89	338.01	1.46	6.55	0.44	0.00	0.00	0.00	0 - 00:00 hrs
37	☐	SWCB-G6-037	1.65	101.90	Flow Link Crov	2.45	0 - 09:59 hrs	20.16	20.16	0.86	0.86	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0 - 00:00 hrs
38	☐	SWCB-G6-056	8.45	95.46	Surcharged	0.00	0 - 09:55 hrs	0.00	30.79	0.00	2.24	158.48	1.10	5.95	0.00	0.00	0.00	0.93	0 - 09:55 hrs
39	☐	SWCB-G6-065	8.13	100.53	w Maximum D	1.67	0 - 09:59 hrs	0.00	27.87	0.00	1.89	0.00	1.06	5.63	1.67	0.00	0.00	0.00	0 - 00:00 hrs
40	☐	SWCB-H4-019	0.69	73.09	Flow Link Crov	3.36	0 - 09:59 hrs	7.50	7.50	0.27	0.27	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0 - 00:00 hrs
41	☐	SWCB-H4-021	1.14	70.78	Flow Link Crov	4.71	0 - 09:59 hrs	0.00	7.45	0.00	0.27	20.47	0.00	0.00	0.00	0.00	0.00	0.00	0 - 00:00 hrs
42	☐	SWCB-H5-002	5.80	87.33	Surcharged	0.00	0 - 09:52 hrs	30.30	30.30	1.43	1.43	0.00	1.82	3.80	0.00	0.18	0.54	23.59	0 - 09:59 hrs
43	☐	SWCB-H5-003	6.10	87.50	Surcharged	0.00	0 - 09:55 hrs	0.00	16.58	0.00	1.25	59.11	1.84	4.10	0.00	0.00	0.00	0.01	0 - 09:55 hrs
44	☐	SWCB-H5-007	5.80	86.54	Surcharged	0.00	0 - 09:53 hrs	0.00	23.17	0.00	1.56	-54.74	1.18	3.55	0.00	0.00	0.00	0.11	0 - 09:53 hrs
45	☐	SWCB-H5-009	6.77	88.27	w Maximum D	0.13	0 - 09:57 hrs	0.00	23.19	0.00	1.56	59.18	1.24	4.77	0.13	0.00	0.00	0.00	0 - 00:00 hrs
46	☐	SWCB-H5-010	6.50	88.48	Surcharged	0.00	0 - 09:53 hrs	33.09	33.09	1.60	1.60	0.00	1.16	4.50	0.00	0.04	0.27	9.95	0 - 09:59 hrs
47	☐	SWCB-H6-011	11.70	96.85	w Maximum D	0.00	0 - 09:55 hrs	25.58	49.72	1.13	3.37	282.37	1.00	9.20	0.00	0.00	0.00	0.11	0 - 09:55 hrs
48	☐	SWCB-H6-013	1.40	80.51	Flow Link Crov	12.55	0 - 09:59 hrs	0.00	49.73	0.00	3.37	138.90	0.00	0.00	0.00	0.00	0.00	0.00	0 - 00:00 hrs
49	☐	SWCB-H7-067	2.26	63.59	Flow Link Crov	5.39	0 - 10:02 hrs	0.00	61.27	0.00	2.76	684.67	0.00	0.00	0.00	0.00	0.00	0.00	0 - 00:00 hrs

FUTURE CONDITIONS 5-YR 24-HR CLIMATE CHANGE JUNCTIONS

		ID	Maximum Depth (ft)	Maximum HGL (ft)	Maximum HGL Head Class	Freeboard (ft)	Max.Depth Day-Time (day-time)	Maximum Lateral Inflow (cfs)	Maximum Total Inflow (cfs)	Lateral Inflow Volume (MG)	Total Inflow Volume (MG)	Flow Volume Difference (MG)	Total Surcharge Time (hrs)	Max.Surchar ge Height Above Crest	Min.Surchar ge Depth Below Rim (ft)	Total Flood Volume (MG)	Total Flood Time (hrs)	Maximum Flood Rate (cfs)	Max.Flood Day-Time (day-time)
50	☐	SWCB-H7-099	2.43	67.21	Flow Link Croy	6.67	0 - 10:00 hrs	0.00	34.31	0.00	1.94	531.52	0.00	0.00	0.00	0.00	0.00	0.00	0 - 00:00 hrs
51	☐	SWCB-H7-115	0.76	58.95	Flow Link Croy	6.34	0 - 09:59 hrs	0.00	13.93	0.00	0.55	18.58	0.00	0.00	0.00	0.00	0.00	0.00	0 - 00:00 hrs
52	☐	SWCB-I8-070	0.98	96.45	Flow Link Croy	9.32	0 - 09:59 hrs	0.00	12.66	0.00	0.54	23.67	0.00	0.00	0.00	0.00	0.00	0.00	0 - 00:00 hrs
53	☐	SWCB-J2-017	5.38	40.72	w Maximum D	0.02	0 - 09:51 hrs	0.00	16.49	0.00	0.93	0.00	40.34	3.37	0.02	0.00	0.00	0.00	0 - 00:00 hrs
54	☐	SWCB-J4-002	6.34	39.29	w Maximum D	2.39	0 - 10:00 hrs	0.00	236.43	0.00	12.16	5,023.03	0.30	0.84	2.39	0.00	0.00	0.00	0 - 00:00 hrs
55	☐	SWCB-J4-003	1.17	52.48	Flow Link Croy	10.15	0 - 10:03 hrs	34.61	34.61	1.61	1.61	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0 - 00:00 hrs
56	☐	SWCB-J8-026	1.47	99.96	Flow Link Croy	5.83	0 - 10:00 hrs	0.00	17.51	0.00	0.76	27.12	0.00	0.00	0.00	0.00	0.00	0.00	0 - 00:00 hrs
57	☐	SWCB-J8-027	1.54	100.77	Flow Link Croy	5.36	0 - 10:00 hrs	0.00	17.71	0.00	0.76	37.60	0.00	0.00	0.00	0.00	0.00	0.00	0 - 00:00 hrs
58	☐	SWCB-J8-043	4.40	102.58	Surcharged	0.00	0 - 09:45 hrs	0.00	28.85	0.00	4.76	190.57	3.94	1.90	0.00	0.00	0.48	1.04	0 - 09:59 hrs
59	☐	SWCB-K6-019	2.43	65.65	Flow Link Croy	5.99	0 - 10:07 hrs	0.00	24.77	0.00	1.20	-12.54	0.00	0.00	0.00	0.00	0.00	0.00	0 - 00:00 hrs
60	☐	SWCB-K7-003	5.55	90.92	w Maximum D	0.00	0 - 09:56 hrs	0.00	28.43	0.00	3.30	184.54	0.75	2.80	0.00	0.00	0.00	8.92	0 - 09:56 hrs
61	☐	SWCB-K7-004	6.22	90.74	w Maximum D	0.00	0 - 09:56 hrs	0.00	71.70	0.00	6.52	328.04	0.77	2.72	0.00	0.00	0.00	3.21	0 - 09:56 hrs
62	☐	SWCB-K7-005	5.40	89.18	Surcharged	0.00	0 - 09:59 hrs	0.00	72.16	0.00	6.51	128.78	0.50	1.90	0.00	0.00	0.00	0.51	0 - 09:59 hrs
63	☐	SWCB-K7-031	5.22	89.24	w Maximum D	0.00	0 - 09:59 hrs	0.00	71.83	0.00	6.51	159.84	0.41	1.72	0.00	0.00	0.00	0.10	0 - 09:59 hrs
64	☐	SWCB-K7-032	5.80	88.07	Surcharged	0.00	0 - 09:59 hrs	0.00	69.35	0.00	6.51	203.19	0.41	2.05	0.00	0.00	0.00	4.70	0 - 09:59 hrs
65	☐	SWCB-K7-033	5.90	88.19	w Maximum D	0.00	0 - 09:59 hrs	0.00	69.15	0.00	6.51	287.97	0.48	2.15	0.00	0.00	0.00	0.38	0 - 09:59 hrs
66	☐	SWCB-K7-036	8.48	70.38	w Maximum D	0.00	0 - 09:57 hrs	0.00	68.50	0.00	5.96	104.45	0.69	5.48	0.00	0.04	0.20	12.83	0 - 09:57 hrs
67	☐	SWCB-K7-037	8.84	67.87	Surcharged	0.00	0 - 09:57 hrs	0.00	63.27	0.00	5.92	266.93	0.79	5.84	0.00	0.01	0.15	4.51	0 - 10:03 hrs
68	☐	SWCB-L2-009	7.86	43.88	w Maximum D	2.99	0 - 09:51 hrs	0.00	28.20	0.00	2.30	4,463.32	2.20	4.36	2.99	0.00	0.00	0.00	0 - 00:00 hrs
69	☐	SWCB-L2-010	8.32	43.57	w Maximum D	2.18	0 - 10:00 hrs	0.00	28.22	0.00	2.34	3,024.95	5.72	4.82	2.18	0.00	0.00	0.00	0 - 00:00 hrs
70	☐	SWCB-L4-089	6.70	48.09	w Maximum D	0.00	0 - 09:47 hrs	15.44	52.91	0.65	4.89	646.19	2.59	3.20	0.00	0.01	0.17	3.05	0 - 09:59 hrs
71	☐	SWCB-L5-015	5.92	47.45	w Maximum D	0.43	0 - 09:57 hrs	0.00	61.39	0.00	4.84	1,188.95	1.46	2.42	0.43	0.00	0.00	0.00	0 - 00:00 hrs
72	☐	SWCB-L5-021	6.75	53.41	Surcharged	0.00	0 - 09:55 hrs	0.00	46.09	0.00	3.06	112.64	0.85	3.75	0.00	0.00	0.00	10.31	0 - 09:55 hrs
73	☐	SWCB-L6-018	4.52	74.70	w Maximum D	0.00	0 - 09:59 hrs	27.70	74.46	1.36	5.57	332.88	0.43	1.52	0.00	0.00	0.03	7.28	0 - 09:59 hrs
74	☐	SWCB-L8-032	8.61	95.89	Surcharged	0.00	0 - 10:02 hrs	0.00	43.94	0.00	1.91	-252.52	0.77	4.61	0.00	0.00	0.00	30.82	0 - 10:02 hrs
75	☐	SWCB-M2-018	6.15	41.63	Surcharged	0.00	0 - 09:52 hrs	0.00	34.00	0.00	4.99	1,376.72	7.97	2.65	0.00	0.00	0.00	12.06	0 - 09:52 hrs
76	☐	SWCB-M2-019	6.30	41.29	Surcharged	0.00	0 - 09:52 hrs	0.00	34.00	0.00	4.98	1,248.33	11.79	2.80	0.00	0.00	0.02	1.09	0 - 09:52 hrs
77	☐	SWCB-M2-023	6.09	41.04	w Maximum D	0.06	0 - 09:53 hrs	0.00	33.99	0.00	4.97	786.47	12.04	2.59	0.06	0.00	0.00	0.00	0 - 00:00 hrs
78	☐	SWCB-M2-025	6.00	40.78	Surcharged	0.00	0 - 09:52 hrs	23.41	57.34	1.11	6.07	1,996.51	13.65	2.50	0.00	0.15	0.56	18.87	0 - 10:03 hrs
79	☐	SWCB-M2-027	6.35	40.23	w Maximum D	0.20	0 - 10:00 hrs	0.00	40.75	0.00	5.91	4,100.65	22.38	2.85	0.20	0.00	0.00	0.00	0 - 00:00 hrs
80	☐	SWCB-M2-046	6.72	42.87	w Maximum D	0.00	0 - 09:52 hrs	0.00	27.56	0.00	2.54	530.50	8.90	3.97	0.00	0.00	0.21	3.17	0 - 09:52 hrs
81	☐	SWCB-M2-050	5.10	44.01	w Maximum D	0.00	0 - 09:47 hrs	14.30	24.66	0.65	2.72	-348.51	5.78	3.10	0.00	0.19	1.54	13.91	0 - 09:59 hrs
82	☐	SWCB-M3-038	6.25	52.12	w Maximum D	0.00	0 - 09:45 hrs	23.51	23.51	1.09	1.09	0.00	4.45	5.00	0.00	0.20	1.11	18.72	0 - 09:59 hrs
83	☐	SWCB-M6-014	4.35	67.70	w Maximum D	0.00	0 - 09:57 hrs	26.00	26.00	1.25	1.25	0.00	0.43	2.35	0.00	0.01	0.15	3.53	0 - 10:03 hrs
84	☐	SWCB-M6-015	4.20	66.53	w Maximum D	0.00	0 - 09:57 hrs	0.00	24.08	0.00	1.24	8.81	0.36	2.20	0.00	0.00	0.00	3.37	0 - 09:57 hrs
85	☐	SWCB-M6-016	6.54	66.53	w Maximum D	0.00	0 - 09:57 hrs	0.00	22.64	0.00	1.25	52.52	0.48	4.54	0.00	0.00	0.00	1.76	0 - 09:57 hrs
86	☐	SWCB-M6-033	4.75	65.40	Surcharged	0.00	0 - 09:57 hrs	0.00	22.61	0.00	1.25	24.40	0.50	2.75	0.00	0.00	0.00	0.41	0 - 09:57 hrs
87	☐	SWCB-N2-003	5.65	39.62	Surcharged	0.00	0 - 09:52 hrs	0.00	40.76	0.00	5.88	0.00	21.38	2.15	0.00	0.06	1.00	6.14	0 - 10:03 hrs
88	☐	SWCB-N3-015	4.95	45.84	Surcharged	0.00	0 - 09:47 hrs	0.00	13.96	0.00	2.08	716.43	4.85	2.95	0.00	0.00	0.47	1.03	0 - 09:47 hrs
89	☐	SWCB-N3-016	4.32	46.33	Surcharged	0.00	0 - 09:48 hrs	0.00	22.21	0.00	2.32	55.98	4.42	2.32	0.00	0.24	1.54	11.85	0 - 10:07 hrs
90	☐	SWCB-N3-089	6.75	42.85	Surcharged	0.00	0 - 09:53 hrs	0.00	69.84	0.00	7.70	1,797.08	6.63	3.25	0.00	0.54	0.70	62.17	0 - 10:03 hrs
91	☐	SWCB-N5-016	6.10	55.26	Surcharged	0.00	0 - 09:52 hrs	0.00	7.65	0.00	0.01	0.00	0.13	3.85	0.00	0.00	0.00	4.83	0 - 09:52 hrs
92	☐	SWCB-N6-002	8.20	53.97	w Maximum D	3.03	0 - 00:03 hrs	0.00	74.06	0.00	6.75	1,525.58	6.04	4.70	3.03	0.00	0.00	0.00	0 - 00:00 hrs
93	☐	SWCB-N6-003	9.26	55.09	w Maximum D	3.91	0 - 00:03 hrs	0.00	69.12	0.00	6.74	1,094.58	4.91	5.76	3.91	0.00	0.00	0.00	0 - 00:00 hrs
94	☐	SWCB-N6-039	8.63	54.28	w Maximum D	1.72	0 - 00:00 hrs	0.00	106.16	0.00	6.76	1,415.43	47.94	5.13	1.72	0.00	0.00	0.00	0 - 00:00 hrs
95	☐	SWCB-N6-040	9.51	55.42	w Maximum D	1.57	0 - 00:03 hrs	0.00	69.08	0.00	6.72	1,536.06	4.16	6.01	1.57	0.00	0.00	0.00	0 - 00:00 hrs
96	☐	SWCB-N7-011	1.58	58.16	Flow Link Croy	5.27	0 - 09:59 hrs	0.00	9.02	0.00	0.35	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0 - 00:00 hrs
97	☐	SWCB-O2-011	6.80	42.51	Surcharged	0.00	0 - 09:52 hrs	13.77	35.01	0.60	2.91	3,092.67	7.94	3.30	0.00	0.01	0.18	8.52	0 - 09:55 hrs
98	☐	SWCB-O2-020	6.20	38.92	w Maximum D	0.00	0 - 09:52 hrs	0.00	22.66	0.00	2.49	513.90	29.76	4.20	0.00	1.79	4.42	22.65	0 - 11:14 hrs

FUTURE CONDITIONS 5-YR 24-HR CLIMATE CHANGE JUNCTIONS

		ID	Maximum Depth (ft)	Maximum HGL (ft)	Maximum HGL Head Class	Freeboard (ft)	Max.Depth Day-Time (day-time)	Maximum Lateral Inflow (cfs)	Maximum Total Inflow (cfs)	Lateral Inflow Volume (MG)	Total Inflow Volume (MG)	Flow Volume Difference (MG)	Total Surcharge Time (hrs)	Max.Surchar ge Height Above Crown (ft)	Min.Surchar ge Depth Below Rim (ft)	Total Flood Volume (MG)	Total Flood Time (hrs)	Maximum Flood Rate (cfs)	Max.Flood Day-Time (day-time)
99	☐	SWCB-O2-021	6.10	38.96	Surcharged	0.00	0 - 09:52 hrs	0.00	12.31	0.00	1.25	642.61	29.20	3.40	0.00	0.03	1.97	1.42	0 - 10:15 hrs
100	☐	SWCB-O2-031	7.10	42.50	w Maximum	0.00	0 - 10:02 hrs	0.00	30.02	0.00	2.59	909.19	9.91	3.60	0.00	0.00	0.00	0.00	0 - 00:00 hrs
101	☐	SWCB-O3-001	6.80	46.20	Surcharged	0.00	0 - 09:56 hrs	0.00	25.14	0.00	1.75	0.00	2.97	4.05	0.00	0.00	0.01	17.60	0 - 09:56 hrs
102	☐	SWCB-O3-032	7.00	45.12	Surcharged	0.00	0 - 09:56 hrs	0.00	30.15	0.00	1.76	92.27	3.44	4.25	0.00	0.00	0.01	26.23	0 - 09:56 hrs
103	☐	SWCB-O3-035	6.70	45.64	Surcharged	0.00	0 - 09:56 hrs	0.00	30.25	0.00	1.74	-208.35	3.10	3.95	0.00	0.00	0.00	25.65	0 - 09:56 hrs
104	☐	SWCB-O3-040	6.75	46.12	Surcharged	0.00	0 - 09:56 hrs	0.00	35.06	0.00	1.78	142.69	3.00	4.00	0.00	0.04	0.30	28.92	0 - 09:56 hrs
105	☐	SWCB-O4-026	6.10	54.71	Surcharged	0.00	0 - 09:53 hrs	0.00	12.90	0.00	0.89	37.08	2.78	4.10	0.00	0.00	0.06	6.58	0 - 09:53 hrs
106	☐	SWCB-O4-027	5.90	54.76	Surcharged	0.00	0 - 09:55 hrs	13.37	16.21	0.58	0.91	16.89	2.58	3.90	0.00	0.02	0.27	9.05	0 - 09:55 hrs
107	☐	SWCB-O4-029	6.60	55.91	w Maximum	0.00	0 - 09:55 hrs	0.00	9.48	0.00	0.33	-37.26	2.33	4.60	0.00	0.00	0.00	8.93	0 - 09:55 hrs
108	☐	SWCB-O4-032	4.90	55.92	w Maximum	0.00	0 - 09:55 hrs	0.00	6.14	0.00	0.33	0.00	2.00	3.65	0.00	0.00	0.01	0.70	0 - 09:55 hrs
109	☐	SWCB-O4-033	5.40	55.81	w Maximum	0.00	0 - 09:55 hrs	0.00	6.15	0.00	0.33	90.05	2.85	4.15	0.00	0.00	0.23	0.27	0 - 09:55 hrs
110	☐	SWMH-B4-001	2.81	112.20	low Link Cro	5.43	0 - 10:06 hrs	0.00	105.91	0.00	17.06	193.04	0.00	0.00	0.00	0.00	0.00	0.00	0 - 00:00 hrs
111	☐	SWMH-B4-002	3.85	114.43	low Link Cro	2.45	0 - 10:06 hrs	20.30	106.95	1.90	17.08	1,876.53	0.00	0.00	0.00	0.00	0.00	0.00	0 - 00:00 hrs
112	☐	SWMH-C4-001	3.17	115.93	w Maximum	4.13	0 - 10:08 hrs	0.00	24.30	0.00	6.12	101.21	2.36	0.61	4.13	0.00	0.00	0.00	0 - 00:00 hrs
113	☐	SWMH-C4-002	4.22	119.24	w Maximum	2.38	0 - 10:04 hrs	0.00	24.30	0.00	6.12	757.87	4.41	1.87	2.38	0.00	0.00	0.00	0 - 00:00 hrs
114	☐	SWMH-C4-003	4.93	121.71	w Maximum	0.00	0 - 10:02 hrs	0.00	24.85	0.00	6.13	279.86	5.13	2.68	0.00	0.01	0.43	0.79	0 - 10:07 hrs
115	☐	SWMH-C4-004	5.08	122.53	Surcharged	0.00	0 - 09:51 hrs	0.00	24.83	0.00	6.13	-165.99	4.46	2.83	0.00	0.00	0.00	1.11	0 - 09:51 hrs
116	☐	SWMH-C4-005	1.41	101.56	low Link Cro	6.74	0 - 10:04 hrs	0.00	31.17	0.00	1.53	46.54	0.00	0.00	0.00	0.00	0.00	0.00	0 - 00:00 hrs
117	☐	SWMH-C4-006	1.93	105.38	low Link Cro	6.21	0 - 10:04 hrs	0.00	31.78	0.00	1.53	106.00	0.00	0.00	0.00	0.00	0.00	0.00	0 - 00:00 hrs
118	☐	SWMH-C4-007	2.22	107.32	low Link Cro	5.43	0 - 09:59 hrs	32.74	32.74	1.53	1.53	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0 - 00:00 hrs
119	☐	SWMH-C4-017	3.47	110.82	low Link Cro	3.23	0 - 10:06 hrs	0.00	105.91	0.00	17.06	610.96	0.00	0.00	0.00	0.00	0.00	0.00	0 - 00:00 hrs
120	☐	SWMH-D4-001	4.18	78.01	w Maximum	2.42	0 - 09:56 hrs	5.01	56.67	0.18	3.29	324.15	0.93	1.43	2.42	0.00	0.00	0.00	0 - 00:00 hrs
121	☐	SWMH-D4-002	5.26	80.80	w Maximum	0.00	0 - 09:56 hrs	0.00	52.13	0.00	3.11	104.63	0.65	2.38	0.00	0.00	0.00	2.68	0 - 09:56 hrs
122	☐	SWMH-D4-003	5.65	83.93	w Maximum	0.00	0 - 09:56 hrs	0.00	64.01	0.00	3.16	54.79	0.58	3.10	0.00	0.05	0.22	12.27	0 - 10:03 hrs
123	☐	SWMH-D4-004	6.65	93.98	Surcharged	0.00	0 - 10:00 hrs	36.20	64.38	1.63	3.16	-53.22	0.21	4.10	0.00	0.00	0.00	2.81	0 - 10:00 hrs
124	☐	SWMH-D4-005	1.46	77.37	low Link Cro	2.99	0 - 10:00 hrs	0.00	20.14	0.00	0.86	6.68	0.00	0.00	0.00	0.00	0.00	0.00	0 - 00:00 hrs
125	☐	SWMH-D4-006	1.25	78.92	low Link Cro	3.20	0 - 10:00 hrs	0.00	20.21	0.00	0.86	60.10	0.00	0.00	0.00	0.00	0.00	0.00	0 - 00:00 hrs
126	☐	SWMH-D4-007	1.19	81.50	low Link Cro	4.46	0 - 10:00 hrs	0.00	20.26	0.00	0.86	23.46	0.00	0.00	0.00	0.00	0.00	0.00	0 - 00:00 hrs
127	☐	SWMH-D4-021	1.04	76.18	low Link Cro	4.61	0 - 10:00 hrs	0.00	20.09	0.00	0.86	11.00	0.00	0.00	0.00	0.00	0.00	0.00	0 - 00:00 hrs
128	☐	SWMH-E3-001	4.53	86.50	w Maximum	3.47	0 - 16:53 hrs	0.00	24.68	0.00	1.10	431.93	28.19	2.28	3.47	0.00	0.00	0.00	0 - 00:00 hrs
129	☐	SWMH-E3-002	4.44	86.52	w Maximum	3.26	0 - 16:08 hrs	0.00	24.67	0.00	1.10	357.03	28.18	2.04	3.26	0.00	0.00	0.00	0 - 00:00 hrs
130	☐	SWMH-E3-003	6.74	89.85	w Maximum	1.21	0 - 09:59 hrs	24.67	24.67	1.10	1.10	0.00	28.22	4.74	1.21	0.00	0.00	0.00	0 - 00:00 hrs
131	☐	SWMH-E3-016	8.35	89.47	w Maximum	0.00	0 - 09:48 hrs	41.14	41.14	2.16	2.16	0.00	30.07	6.35	0.00	0.23	0.71	26.52	0 - 09:59 hrs
132	☐	SWMH-E3-017	8.18	88.31	w Maximum	0.00	0 - 09:47 hrs	0.00	14.61	0.00	1.93	620.29	30.45	6.00	0.00	0.01	0.78	0.72	0 - 10:02 hrs
133	☐	SWMH-E3-018	8.40	86.49	Surcharged	0.00	0 - 09:51 hrs	0.00	12.95	0.00	1.86	789.64	33.24	6.40	0.00	0.05	1.25	3.19	0 - 10:40 hrs
134	☐	SWMH-E3-019	8.86	86.64	w Maximum	0.39	0 - 16:52 hrs	0.00	12.96	0.00	1.81	436.75	33.75	6.86	0.39	0.00	0.00	0.00	0 - 00:00 hrs
135	☐	SWMH-E3-020	9.50	86.51	w Maximum	0.10	0 - 16:04 hrs	0.00	12.95	0.00	1.79	4,221.75	34.24	7.00	0.10	0.00	0.00	0.00	0 - 00:00 hrs
136	☐	SWMH-E3-021	4.60	87.73	w Maximum	0.00	0 - 09:56 hrs	28.36	28.36	1.36	1.36	0.00	28.21	2.35	0.00	0.01	0.19	5.39	0 - 09:59 hrs
137	☐	SWMH-E3-023	4.10	87.12	Surcharged	0.00	0 - 09:56 hrs	0.00	22.97	0.00	1.34	485.30	28.13	1.60	0.00	0.01	0.24	2.63	0 - 10:07 hrs
138	☐	SWMH-E3-026	5.04	86.46	w Maximum	0.84	0 - 17:00 hrs	0.00	22.63	0.00	1.31	1,076.88	28.19	2.54	0.84	0.00	0.00	0.00	0 - 00:00 hrs
139	☐	SWMH-E3-027	6.30	88.45	w Maximum	0.00	0 - 09:56 hrs	0.00	22.58	0.00	1.32	1,505.96	28.13	3.80	0.00	0.00	0.00	2.31	0 - 09:56 hrs
140	☐	SWMH-E3-028	4.60	87.38	Surcharged	0.00	0 - 09:55 hrs	0.00	22.59	0.00	1.33	1,461.29	28.13	2.10	0.00	0.00	0.00	3.14	0 - 09:55 hrs
141	☐	SWMH-E3-029	4.45	87.35	w Maximum	0.45	0 - 09:56 hrs	0.00	22.58	0.00	1.33	214.53	28.14	1.95	0.45	0.00	0.00	0.00	0 - 00:00 hrs
142	☐	SWMH-E3-031	3.57	86.48	w Maximum	2.28	0 - 16:16 hrs	0.00	14.12	0.00	0.57	535.28	27.98	1.57	2.28	0.00	0.00	0.00	0 - 00:00 hrs
143	☐	SWMH-E3-032	4.02	86.50	w Maximum	0.83	0 - 16:40 hrs	0.00	14.13	0.00	0.57	600.51	28.06	2.02	0.83	0.00	0.00	0.00	0 - 00:00 hrs
144	☐	SWMH-E3-033	4.37	86.47	w Maximum	1.73	0 - 17:00 hrs	0.00	14.18	0.00	0.56	487.22	27.76	2.11	1.73	0.00	0.00	0.00	0 - 00:00 hrs
145	☐	SWMH-E3-034	3.85	86.49	w Maximum	1.35	0 - 18:24 hrs	1.94	1.94	0.07	0.07	0.00	27.40	1.85	1.35	0.00	0.00	0.00	0 - 00:00 hrs
146	☐	SWMH-E3-037	3.86	86.96	w Maximum	0.74	0 - 09:57 hrs	14.11	14.11	0.57	0.57	0.00	27.62	1.86	0.74	0.00	0.00	0.00	0 - 00:00 hrs
147	☐	SWMH-E3-038	10.56	86.52	w Maximum	1.48	0 - 16:37 hrs	0.00	12.94	0.00	1.76	3,436.37	36.93	8.05	1.48	0.00	0.00	0.00	0 - 00:00 hrs

FUTURE CONDITIONS 5-YR 24-HR CLIMATE CHANGE JUNCTIONS

		ID	Maximum Depth (ft)	Maximum HGL (ft)	Maximum HGL Head Class	Freeboard (ft)	Max.Depth Day-Time (day-time)	Maximum Lateral Inflow (cfs)	Maximum Total Inflow (cfs)	Lateral Inflow Volume (MG)	Total Inflow Volume (MG)	Flow Volume Difference (MG)	Total Surcharge Time (hrs)	Max.Surchar ge Height Above Crown	Min.Surchar ge Depth Below Rim (ft)	Total Flood Volume (MG)	Total Flood Time (hrs)	Maximum Flood Rate (cfs)	Max.Flood Day-Time (day-time)
148	☐	SWMH-E4-001	1.18	91.53	elow Link Cro	9.34	0 - 09:59 hrs	13.41	20.94	0.53	0.86	29.00	0.00	0.00	0.00	0.00	0.00	0.00	0 - 00:00 hrs
149	☐	SWMH-E4-002	0.66	93.31	elow Link Cro	6.89	0 - 10:00 hrs	0.00	8.16	0.00	0.33	6.35	0.00	0.00	0.00	0.00	0.00	0.00	0 - 00:00 hrs
150	☐	SWMH-E4-003	1.20	94.07	elow Link Cro	7.08	0 - 10:00 hrs	0.00	8.62	0.00	0.33	-113.11	0.00	0.00	0.00	0.00	0.00	0.00	0 - 00:00 hrs
151	☐	SWMH-E4-005	1.05	97.36	elow Link Cro	5.95	0 - 09:59 hrs	9.09	9.09	0.33	0.33	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0 - 00:00 hrs
152	☐	SWMH-E4-006	7.78	99.25	Surcharged	0.00	0 - 09:56 hrs	20.57	56.39	0.85	4.26	170.13	1.80	4.50	0.00	0.00	0.00	1.20	0 - 09:56 hrs
153	☐	SWMH-E4-007	8.25	100.43	w Maximum C	1.95	0 - 09:57 hrs	0.00	42.51	0.00	3.41	-20.65	1.75	5.13	1.95	0.00	0.00	0.00	0 - 00:00 hrs
154	☐	SWMH-E4-008	7.10	100.25	w Maximum C	0.00	0 - 09:57 hrs	16.28	53.83	0.63	3.50	-0.03	1.55	3.60	0.00	0.00	0.01	19.02	0 - 09:57 hrs
155	☐	SWMH-E4-009	8.29	103.00	w Maximum C	0.00	0 - 10:02 hrs	37.62	49.62	2.16	2.87	259.49	0.84	3.29	0.00	0.00	0.01	30.81	0 - 10:02 hrs
156	☐	SWMH-E4-010	11.10	95.52	w Maximum C	0.00	0 - 10:00 hrs	47.90	48.54	2.55	2.55	0.00	0.47	7.40	0.00	0.00	0.01	37.18	0 - 10:00 hrs
157	☐	SWMH-E5-001	9.50	107.06	w Maximum C	0.00	0 - 09:59 hrs	74.88	182.88	5.80	13.55	1,804.95	0.63	4.50	0.00	0.01	0.01	55.15	0 - 09:59 hrs
158	☐	SWMH-E5-002	5.10	101.42	w Maximum C	0.00	0 - 09:56 hrs	0.00	0.72	0.00	0.00	0.00	1.09	3.55	0.00	0.00	0.00	0.69	0 - 09:56 hrs
159	☐	SWMH-F3-001	10.25	83.20	Surcharged	0.00	0 - 09:57 hrs	24.05	186.15	1.03	12.51	-429.74	1.98	5.62	0.00	0.00	0.00	41.31	0 - 09:57 hrs
160	☐	SWMH-F3-002	3.41	76.75	elow Link Cro	3.99	0 - 10:11 hrs	0.00	101.07	0.00	7.59	541.47	0.00	0.00	0.00	0.00	0.00	0.00	0 - 00:00 hrs
161	☐	SWMH-F3-003	6.10	82.31	w Maximum C	0.00	0 - 10:00 hrs	0.00	101.01	0.00	7.59	517.47	0.53	2.60	0.00	0.00	0.00	2.84	0 - 10:00 hrs
162	☐	SWMH-F3-005	6.40	86.46	w Maximum C	0.00	0 - 09:59 hrs	18.46	113.42	0.76	7.64	487.56	0.69	2.90	0.00	0.05	0.21	12.51	0 - 10:03 hrs
163	☐	SWMH-F3-006	8.85	89.83	Surcharged	0.00	0 - 10:00 hrs	67.11	100.51	3.80	6.89	327.62	1.20	5.35	0.00	0.00	0.10	3.79	0 - 10:03 hrs
164	☐	SWMH-F3-007	8.20	87.80	w Maximum C	0.00	0 - 09:45 hrs	0.00	13.89	0.00	1.91	354.25	30.97	6.10	0.00	0.04	0.91	1.99	0 - 10:18 hrs
165	☐	SWMH-F3-008	8.55	87.67	w Maximum C	0.25	0 - 10:37 hrs	0.00	12.95	0.00	1.87	764.89	31.63	6.53	0.25	0.00	0.00	0.00	0 - 00:00 hrs
166	☐	SWMH-F3-009	9.09	86.52	w Maximum C	0.31	0 - 16:27 hrs	0.00	12.95	0.00	1.80	1,433.40	33.40	6.59	0.31	0.00	0.00	0.00	0 - 00:00 hrs
167	☐	SWMH-F3-010	10.62	93.00	w Maximum C	0.00	0 - 10:00 hrs	0.00	61.86	0.00	3.18	294.31	0.89	7.12	0.00	0.00	0.00	3.09	0 - 10:00 hrs
168	☐	SWMH-F3-011	11.50	94.42	w Maximum C	0.00	0 - 09:59 hrs	0.00	33.19	0.00	1.80	152.15	0.74	8.00	0.00	0.00	0.00	12.22	0 - 09:59 hrs
169	☐	SWMH-F3-012	11.10	93.96	w Maximum C	0.00	0 - 09:59 hrs	0.00	28.65	0.00	1.38	122.04	0.75	7.60	0.00	0.00	0.00	19.53	0 - 09:59 hrs
170	☐	SWMH-F4-001	9.40	84.43	Surcharged	0.00	0 - 09:57 hrs	0.00	178.59	0.00	11.49	317.36	1.71	4.90	0.00	0.00	0.01	14.10	0 - 09:57 hrs
171	☐	SWMH-F4-002	8.90	86.48	w Maximum C	0.00	0 - 09:56 hrs	0.00	145.62	0.00	9.71	-95.42	1.76	4.30	0.00	0.00	0.00	10.36	0 - 09:56 hrs
172	☐	SWMH-F4-005	10.26	92.07	Surcharged	-0.44	0 - 09:56 hrs	0.00	189.32	0.00	28.35	-445.75	2.11	5.26	0.00	0.00	0.00	0.00	0 - 00:00 hrs
173	☐	SWMH-F4-006	9.85	93.34	w Maximum C	0.00	0 - 09:56 hrs	42.70	188.81	2.07	28.41	1,342.30	3.01	4.85	0.00	0.05	0.22	12.71	0 - 10:03 hrs
174	☐	SWMH-F4-007	9.73	94.36	w Maximum C	0.00	0 - 09:56 hrs	0.00	177.20	0.00	26.44	617.25	3.09	4.73	0.00	0.10	0.29	22.95	0 - 10:00 hrs
175	☐	SWMH-F4-008	9.52	96.30	Surcharged	0.00	0 - 09:56 hrs	0.00	159.04	0.00	22.49	765.88	2.84	4.52	0.00	0.00	0.00	32.77	0 - 09:56 hrs
176	☐	SWMH-F4-009	9.49	97.00	w Maximum C	0.00	0 - 09:56 hrs	18.69	153.11	0.76	21.36	533.50	2.82	4.49	0.00	0.00	0.01	60.77	0 - 09:56 hrs
177	☐	SWMH-F4-010	6.90	95.57	w Maximum C	0.00	0 - 09:56 hrs	0.00	52.02	0.00	4.17	108.83	1.96	3.90	0.00	0.00	0.01	17.88	0 - 09:56 hrs
178	☐	SWMH-F4-011	6.80	96.34	Surcharged	0.00	0 - 09:56 hrs	0.00	51.91	0.00	4.25	190.07	1.95	3.80	0.00	0.08	0.49	10.30	0 - 10:03 hrs
179	☐	SWMH-F4-012	6.30	96.83	Surcharged	0.00	0 - 09:56 hrs	0.00	22.21	0.00	1.14	110.97	2.12	4.30	0.00	0.01	0.32	9.86	0 - 09:56 hrs
180	☐	SWMH-F4-014	10.33	86.75	w Maximum C	0.37	0 - 09:59 hrs	25.42	133.00	1.01	25.86	1,779.60	3.06	5.47	0.37	0.00	0.00	0.00	0 - 00:00 hrs
181	☐	SWMH-F4-017	10.25	90.64	w Maximum C	0.00	0 - 09:56 hrs	0.00	41.18	0.00	4.11	99.82	2.16	7.25	0.00	0.00	0.00	10.31	0 - 09:56 hrs
182	☐	SWMH-F4-018	9.59	90.93	Surcharged	0.00	0 - 09:56 hrs	0.00	48.07	0.00	4.12	723.45	1.93	6.59	0.00	0.00	0.00	14.43	0 - 09:56 hrs
183	☐	SWMH-F4-019	8.15	91.83	Surcharged	0.00	0 - 09:56 hrs	0.00	25.81	0.00	2.10	22.53	2.32	6.00	0.00	0.05	0.63	4.66	0 - 10:00 hrs
184	☐	SWMH-F4-020	8.52	92.45	w Maximum C	0.00	0 - 09:52 hrs	44.78	44.78	2.34	2.34	0.00	2.48	6.52	0.00	0.24	0.73	28.21	0 - 09:59 hrs
185	☐	SWMH-F4-021	8.38	93.31	Surcharged	0.00	0 - 09:57 hrs	13.42	38.94	0.55	2.37	436.76	1.19	4.88	0.00	0.00	0.00	27.60	0 - 09:57 hrs
186	☐	SWMH-F4-027	9.20	85.37	Surcharged	0.00	0 - 09:56 hrs	39.30	178.68	1.79	11.50	549.96	1.78	4.65	0.00	0.00	0.01	16.08	0 - 09:56 hrs
187	☐	SWMH-F4-030	11.30	95.16	Surcharged	0.00	0 - 10:00 hrs	7.90	35.83	0.29	1.04	64.05	0.58	7.70	0.00	0.00	0.01	28.55	0 - 10:00 hrs
188	☐	SWMH-F4-031	10.86	94.25	Surcharged	0.00	0 - 10:00 hrs	0.00	30.39	0.00	1.38	-535.06	0.63	7.22	0.00	0.00	0.00	16.01	0 - 10:00 hrs
189	☐	SWMH-F4-032	8.93	93.20	w Maximum C	0.00	0 - 10:00 hrs	8.71	8.71	0.35	0.35	0.00	0.99	7.18	0.00	0.00	0.02	7.47	0 - 10:00 hrs
190	☐	SWMH-F4-034	9.60	95.44	w Maximum C	0.00	0 - 09:57 hrs	0.00	148.24	0.00	22.49	416.71	2.82	4.60	0.00	0.00	0.00	0.00	0 - 00:00 hrs
191	☐	SWMH-F4-035	10.35	90.08	Surcharged	0.00	0 - 09:56 hrs	13.45	232.55	0.56	31.28	1,652.85	1.75	4.60	0.00	0.00	0.00	41.43	0 - 09:56 hrs
192	☐	SWMH-F4-036	9.52	86.80	w Maximum C	0.43	0 - 09:56 hrs	0.00	95.09	0.00	20.73	513.58	2.75	5.02	0.43	0.00	0.00	0.00	0 - 00:00 hrs
193	☐	SWMH-F5-001	9.27	98.07	w Maximum C	0.00	0 - 09:57 hrs	0.00	155.94	0.00	20.62	-204.63	2.16	4.27	0.00	0.00	0.00	78.00	0 - 09:57 hrs
194	☐	SWMH-F5-002	9.38	99.93	Surcharged	0.00	0 - 09:57 hrs	0.00	157.03	0.00	20.62	1,376.56	1.97	4.38	0.00	0.00	0.00	56.06	0 - 09:57 hrs
195	☐	SWMH-F5-003	8.10	101.41	Surcharged	0.00	0 - 09:59 hrs	24.59	34.38	0.92	5.05	618.41	1.77	5.10	0.00	0.00	0.00	29.73	0 - 09:59 hrs
196	☐	SWMH-F5-004	8.26	103.86	Surcharged	0.00	0 - 10:00 hrs	0.00	23.77	0.00	4.12	209.90	0.95	5.76	0.00	0.00	0.00	22.50	0 - 10:00 hrs

FUTURE CONDITIONS 5-YR 24-HR CLIMATE CHANGE JUNCTIONS

		ID	Maximum Depth (ft)	Maximum HGL (ft)	Maximum HGL Head Class	Freeboard (ft)	Max.Depth Day-Time (day-time)	Maximum Lateral Inflow (cfs)	Maximum Total Inflow (cfs)	Lateral Inflow Volume (MG)	Total Inflow Volume (MG)	Flow Volume Difference (MG)	Total Surcharge Time (hrs)	Max.Surchar ge Height Above Crown	Min.Surchar ge Depth Below Rim (ft)	Total Flood Volume (MG)	Total Flood Time (hrs)	Maximum Flood Rate (cfs)	Max.Flood Day-Time (day-time)
197	☐	SWMH-F5-005	1.71	103.35	Flow Link Crow	5.73	0 - 10:00 hrs	0.00	24.54	0.00	2.17	726.51	0.00	0.00	0.00	0.00	0.00	0.00	0 - 00:00 hrs
198	☐	SWMH-F5-006	5.90	98.55	Surcharged	0.00	0 - 09:56 hrs	0.00	22.21	0.00	1.16	147.20	1.65	3.90	0.00	0.02	0.32	2.64	0 - 09:56 hrs
199	☐	SWMH-F5-007	4.95	101.00	w Maximum C	0.00	0 - 09:56 hrs	27.69	27.69	1.21	1.21	73.32	1.01	2.95	0.00	0.05	0.27	11.58	0 - 09:59 hrs
200	☐	SWMH-F5-008	8.60	103.33	w Maximum C	0.00	0 - 09:59 hrs	0.00	187.39	0.00	15.26	560.55	1.40	3.60	0.00	0.01	0.09	11.53	0 - 10:00 hrs
201	☐	SWMH-F5-009	9.40	104.94	Surcharged	0.00	0 - 09:57 hrs	0.00	179.35	0.00	13.54	-400.16	1.07	4.00	0.00	0.00	0.02	24.52	0 - 09:57 hrs
202	☐	SWMH-F5-010	7.05	103.27	Surcharged	0.00	0 - 09:59 hrs	0.00	24.65	0.00	1.75	-70.25	2.46	4.95	0.00	0.02	0.15	11.61	0 - 10:04 hrs
203	☐	SWMH-F5-011	6.43	103.56	w Maximum C	0.00	0 - 09:57 hrs	0.00	24.57	0.00	1.77	166.27	2.03	4.43	0.00	0.02	0.21	4.03	0 - 10:03 hrs
204	☐	SWMH-F5-012	5.30	104.95	w Maximum C	0.00	0 - 09:57 hrs	0.00	24.61	0.00	1.77	-45.79	1.51	3.30	0.00	0.00	0.01	0.13	0 - 09:57 hrs
205	☐	SWMH-F5-013	5.06	105.70	w Maximum C	0.00	0 - 09:52 hrs	21.33	39.37	0.88	1.94	265.70	1.35	2.90	0.00	0.17	0.49	22.86	0 - 10:03 hrs
206	☐	SWMH-F5-014	6.95	108.18	Surcharged	0.00	0 - 09:55 hrs	25.05	25.05	1.08	1.08	0.00	1.39	4.95	0.00	0.02	0.22	7.01	0 - 09:59 hrs
207	☐	SWMH-F5-016	2.40	105.64	w Maximum C	3.88	0 - 09:59 hrs	0.00	24.48	0.00	2.17	89.89	0.70	0.40	3.88	0.00	0.00	0.00	0 - 00:00 hrs
208	☐	SWMH-F5-023	6.15	112.04	Surcharged	0.00	0 - 09:53 hrs	19.83	19.83	0.82	0.82	0.00	0.72	4.00	0.00	0.01	0.16	3.86	0 - 09:53 hrs
209	☐	SWMH-F5-025	6.15	110.92	Surcharged	0.00	0 - 09:53 hrs	11.60	28.03	0.44	1.25	56.50	0.93	4.15	0.00	0.06	0.29	12.32	0 - 09:59 hrs
210	☐	SWMH-F5-026	5.95	109.92	w Maximum C	0.57	0 - 10:00 hrs	0.00	18.07	0.00	1.19	-303.78	0.91	3.94	0.57	0.00	0.00	0.00	0 - 00:00 hrs
211	☐	SWMH-F5-027	5.58	107.29	w Maximum C	1.58	0 - 10:00 hrs	19.74	35.46	0.81	2.00	122.59	0.68	3.08	1.58	0.00	0.00	0.00	0 - 00:00 hrs
212	☐	SWMH-F5-028	4.48	105.62	w Maximum C	2.67	0 - 10:00 hrs	0.00	35.45	0.00	2.00	75.88	0.63	1.98	2.67	0.00	0.00	0.00	0 - 00:00 hrs
213	☐	SWMH-F5-029	3.76	104.81	w Maximum C	2.14	0 - 10:00 hrs	0.00	35.46	0.00	2.00	325.30	0.36	1.16	2.14	0.00	0.00	0.00	0 - 00:00 hrs
214	☐	SWMH-F5-030	8.32	105.36	Surcharged	0.00	0 - 10:45 hrs	0.00	59.53	0.00	5.25	449.30	12.53	4.00	0.00	0.00	0.00	1.65	0 - 11:38 hrs
215	☐	SWMH-F5-031	4.12	104.01	w Maximum C	2.98	0 - 10:36 hrs	0.00	35.44	0.00	1.99	-278.73	0.76	1.52	2.98	0.00	0.00	0.00	0 - 00:00 hrs
216	☐	SWMH-F5-032	8.25	102.91	w Maximum C	0.00	0 - 09:59 hrs	0.00	26.23	0.00	4.12	-5.92	1.29	5.52	0.00	0.00	0.00	24.16	0 - 09:59 hrs
217	☐	SWMH-F5-033	0.66	100.63	Flow Link Crow	4.94	0 - 10:00 hrs	0.00	3.90	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0 - 00:00 hrs
218	☐	SWMH-F5-041	7.90	101.14	Surcharged	0.00	0 - 10:00 hrs	7.73	183.49	0.27	15.93	699.95	0.95	1.90	0.00	0.00	0.01	0.21	0 - 10:00 hrs
219	☐	SWMH-F5-042	7.60	99.28	w Maximum C	0.00	0 - 09:57 hrs	0.00	140.34	0.00	15.66	484.78	2.15	3.50	0.00	0.00	0.00	59.85	0 - 09:57 hrs
220	☐	SWMH-F6-001	12.10	120.91	Surcharged	0.00	0 - 09:56 hrs	3.93	110.94	0.14	11.19	540.91	0.84	8.10	0.00	0.00	0.00	11.21	0 - 09:56 hrs
221	☐	SWMH-F6-002	11.54	121.14	w Maximum C	1.28	0 - 09:56 hrs	0.00	107.75	0.00	11.06	558.43	1.06	7.54	1.28	0.00	0.00	0.00	0 - 00:00 hrs
222	☐	SWMH-F6-003	10.95	121.32	w Maximum C	0.00	0 - 09:55 hrs	0.00	107.80	0.00	11.07	579.18	1.17	6.95	0.00	0.00	0.00	16.09	0 - 09:55 hrs
223	☐	SWMH-F6-004	10.98	122.73	Surcharged	0.00	0 - 09:55 hrs	0.00	107.81	0.00	11.07	573.09	1.20	6.98	0.00	0.00	0.00	7.56	0 - 09:55 hrs
224	☐	SWMH-F6-005	9.91	122.73	Surcharged	0.00	0 - 09:55 hrs	146.26	146.26	11.29	11.29	0.00	1.27	5.91	0.00	0.22	0.33	43.74	0 - 10:03 hrs
225	☐	SWMH-F6-006	3.60	100.28	w Maximum C	11.50	0 - 10:03 hrs	1.13	56.48	0.04	2.32	205.89	0.07	0.10	11.50	0.00	0.00	0.00	0 - 00:00 hrs
226	☐	SWMH-F6-007	10.11	116.72	w Maximum C	1.04	0 - 09:59 hrs	17.33	24.65	0.74	1.11	27.52	0.40	7.76	1.04	0.00	0.00	0.00	0 - 00:00 hrs
227	☐	SWMH-F6-008	9.06	116.82	w Maximum C	0.04	0 - 09:59 hrs	0.00	9.18	0.00	0.38	-22.02	0.33	6.96	0.04	0.00	0.00	0.00	0 - 00:00 hrs
228	☐	SWMH-F6-009	9.62	114.91	w Maximum C	1.88	0 - 09:59 hrs	9.39	33.37	0.34	1.45	463.63	0.49	7.61	1.88	0.00	0.00	0.00	0 - 00:00 hrs
229	☐	SWMH-F6-010	7.66	110.84	w Maximum C	4.31	0 - 09:57 hrs	0.00	33.36	0.00	1.45	-278.17	0.42	5.66	4.31	0.00	0.00	0.00	0 - 00:00 hrs
230	☐	SWMH-F6-011	5.46	105.18	w Maximum C	7.74	0 - 09:57 hrs	0.00	33.37	0.00	1.45	57.89	0.31	3.36	7.74	0.00	0.00	0.00	0 - 00:00 hrs
231	☐	SWMH-F6-012	4.50	101.18	w Maximum C	10.65	0 - 09:59 hrs	21.32	54.68	0.83	2.28	-3.01	0.25	1.24	10.65	0.00	0.00	0.00	0 - 00:00 hrs
232	☐	SWMH-F6-020	6.10	114.04	Surcharged	0.00	0 - 09:51 hrs	10.63	28.03	0.39	1.49	-20.22	1.79	4.00	0.00	0.21	0.62	27.17	0 - 09:59 hrs
233	☐	SWMH-F6-022	8.65	116.76	Surcharged	0.00	0 - 09:57 hrs	10.38	10.38	0.38	0.38	0.00	0.31	6.65	0.00	0.00	0.07	5.99	0 - 09:57 hrs
234	☐	SWMH-F6-025	8.19	115.01	w Maximum C	2.01	0 - 09:49 hrs	11.54	15.89	0.43	1.71	173.52	1.89	5.99	2.01	0.00	0.00	0.00	0 - 00:00 hrs
235	☐	SWMH-F6-026	6.40	115.51	Surcharged	0.00	0 - 09:51 hrs	25.42	25.42	1.12	1.12	0.00	1.52	4.40	0.00	0.03	0.25	8.01	0 - 09:59 hrs
236	☐	SWMH-F6-029	7.58	113.13	w Maximum C	1.87	0 - 09:59 hrs	0.00	15.89	0.00	1.71	182.19	2.06	5.48	1.87	0.00	0.00	0.00	0 - 00:00 hrs
237	☐	SWMH-F6-030	7.80	113.95	w Maximum C	2.38	0 - 09:59 hrs	0.00	15.89	0.00	1.71	125.24	2.07	5.58	2.38	0.00	0.00	0.00	0 - 00:00 hrs
238	☐	SWMH-F6-031	7.45	112.36	w Maximum C	0.65	0 - 09:59 hrs	12.08	24.46	0.46	2.17	175.92	1.97	5.35	0.65	0.00	0.00	0.00	0 - 00:00 hrs
239	☐	SWMH-F6-032	4.94	108.74	w Maximum C	2.36	0 - 09:59 hrs	0.00	24.47	0.00	2.17	28.68	1.80	2.82	2.36	0.00	0.00	0.00	0 - 00:00 hrs
240	☐	SWMH-F6-037	6.40	107.78	w Maximum C	0.00	0 - 09:56 hrs	0.00	12.57	0.00	0.50	-35.76	0.52	4.10	0.00	0.00	0.00	11.52	0 - 09:56 hrs
241	☐	SWMH-F6-038	4.78	107.81	w Maximum C	0.00	0 - 09:56 hrs	13.35	13.35	0.52	0.52	0.00	0.47	3.28	0.00	0.01	0.16	8.22	0 - 09:56 hrs
242	☐	SWMH-F7-001	3.87	110.16	Flow Link Crow	13.38	0 - 09:59 hrs	0.00	110.97	0.00	11.40	279.61	0.00	0.00	0.00	0.00	0.00	0.00	0 - 00:00 hrs
243	☐	SWMH-F7-002	3.75	110.99	Flow Link Crow	13.05	0 - 10:00 hrs	5.81	112.19	0.21	11.40	380.09	0.00	0.00	0.00	0.00	0.00	0.00	0 - 00:00 hrs
244	☐	SWMH-F7-003	3.04	95.37	Flow Link Crow	19.11	0 - 10:04 hrs	28.64	89.84	1.33	4.12	259.44	0.00	0.00	0.00	0.00	0.00	0.00	0 - 00:00 hrs
245	☐	SWMH-F7-004	3.55	97.89	Flow Link Crow	13.60	0 - 10:03 hrs	0.00	63.00	0.00	2.80	-141.07	0.00	0.00	0.00	0.00	0.00	0.00	0 - 00:00 hrs

FUTURE CONDITIONS 5-YR 24-HR CLIMATE CHANGE JUNCTIONS

		ID	Maximum Depth (ft)	Maximum HGL (ft)	Maximum HGL Head Class	Freeboard (ft)	Max.Depth Day-Time (day-time)	Maximum Lateral Inflow (cfs)	Maximum Total Inflow (cfs)	Lateral Inflow Volume (MG)	Total Inflow Volume (MG)	Flow Volume Difference (MG)	Total Surcharge Time (hrs)	Max.Surchar ge Height Above Crown	Min.Surchar ge Depth Below Rim (ft)	Total Flood Volume (MG)	Total Flood Time (hrs)	Maximum Flood Rate (cfs)	Max.Flood Day-Time (day-time)
246	☐	SWMH-F7-005	3.29	98.68	Flow Link Crow	13.76	0 - 10:03 hrs	0.00	63.90	0.00	2.80	273.43	0.00	0.00	0.00	0.00	0.00	0.00	0 - 00:00 hrs
247	☐	SWMH-F7-006	3.14	99.01	Flow Link Crow	15.76	0 - 10:03 hrs	12.54	65.04	0.48	2.80	154.16	0.00	0.00	0.00	0.00	0.00	0.00	0 - 00:00 hrs
248	☐	SWMH-F7-019	4.49	92.81	w Maximum D	8.21	0 - 10:04 hrs	0.00	90.99	0.00	4.28	403.14	0.45	0.94	8.21	0.00	0.00	0.00	0 - 00:00 hrs
249	☐	SWMH-F7-020	3.86	92.10	w Maximum D	5.29	0 - 10:04 hrs	0.00	90.99	0.00	4.30	454.79	0.22	0.16	5.29	0.00	0.00	0.00	0 - 00:00 hrs
250	☐	SWMH-F7-021	3.94	94.12	w Maximum D	15.46	0 - 10:04 hrs	4.25	92.60	0.15	4.27	-47.85	0.01	0.37	15.46	0.00	0.00	0.00	0 - 00:00 hrs
251	☐	SWMH-F7-023	3.07	108.16	Flow Link Crow	14.41	0 - 10:00 hrs	0.00	110.60	0.00	11.40	393.33	0.00	0.00	0.00	0.00	0.00	0.00	0 - 00:00 hrs
252	☐	SWMH-F7-024	3.61	105.33	Flow Link Crow	14.64	0 - 10:02 hrs	0.00	110.46	0.00	11.39	542.02	0.00	0.00	0.00	0.00	0.00	0.00	0 - 00:00 hrs
253	☐	SWMH-F7-025	2.55	101.33	Flow Link Crow	7.07	0 - 10:03 hrs	0.00	110.37	0.00	11.39	549.42	0.00	0.00	0.00	0.00	0.00	0.00	0 - 00:00 hrs
254	☐	SWMH-F7-026	8.19	101.80	w Maximum D	2.61	0 - 00:01 hrs	0.00	110.35	0.00	11.45	1,804.62	0.01	4.19	2.61	0.00	0.00	0.00	0 - 00:00 hrs
255	☐	SWMH-F7-027	10.76	103.93	Surcharged	0.00	0 - 00:00 hrs	0.00	29.41	0.00	0.28	614.67	47.98	8.76	0.00	0.00	0.00	18.86	0 - 00:00 hrs
256	☐	SWMH-F7-028	9.03	102.96	w Maximum D	0.00	0 - 00:02 hrs	0.00	11.28	0.00	0.28	1,126.87	47.89	7.03	0.00	0.00	0.00	4.86	0 - 00:02 hrs
257	☐	SWMH-F7-029	1.17	96.54	Flow Link Crow	5.05	0 - 10:00 hrs	0.00	6.59	0.00	0.26	394.76	0.00	0.00	0.00	0.00	0.00	0.00	0 - 00:00 hrs
258	☐	SWMH-F8-011	1.05	97.73	Flow Link Crow	12.31	0 - 09:59 hrs	6.89	6.89	0.25	0.25	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0 - 00:00 hrs
259	☐	SWMH-G3-001	6.65	66.03	w Maximum D	8.23	0 - 10:07 hrs	0.00	432.28	0.00	51.12	16,472.38	0.25	0.15	8.23	0.00	0.00	0.00	0 - 00:00 hrs
260	☐	SWMH-G3-002	6.35	68.55	Flow Link Crow	10.43	0 - 10:10 hrs	0.00	433.02	0.00	51.15	3,454.70	0.00	0.00	0.00	0.00	0.00	0.00	0 - 00:00 hrs
261	☐	SWMH-G3-003	8.09	71.02	w Maximum D	9.81	0 - 09:57 hrs	0.00	432.88	0.00	51.18	3,962.24	1.07	1.59	9.81	0.00	0.00	0.00	0 - 00:00 hrs
262	☐	SWMH-G3-004	11.17	77.08	Surcharged	0.00	0 - 09:57 hrs	0.00	167.13	0.00	12.51	0.00	3.54	6.67	0.00	0.00	0.00	4.32	0 - 09:59 hrs
263	☐	SWMH-G3-005	12.31	78.17	w Maximum D	1.31	0 - 09:59 hrs	0.00	167.16	0.00	12.51	360.02	3.69	7.81	1.31	0.00	0.00	0.00	0 - 00:00 hrs
264	☐	SWMH-G3-007	11.20	65.01	Surcharged	0.00	0 - 10:00 hrs	0.00	55.17	0.00	1.90	-512.92	0.63	6.00	0.00	0.00	0.00	28.68	0 - 10:00 hrs
265	☐	SWMH-G3-008	4.07	61.15	Flow Link Crow	7.03	0 - 10:07 hrs	39.47	39.47	1.90	1.90	1,127.55	0.00	0.00	0.00	0.00	0.00	0.00	0 - 00:00 hrs
266	☐	SWMH-G3-009	0.00	65.13	Flow Link Inve	10.75	0 - 00:00 hrs	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0 - 00:00 hrs
267	☐	SWMH-G3-010	0.00	65.40	Flow Link Inve	10.54	0 - 00:00 hrs	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0 - 00:00 hrs
268	☐	SWMH-G3-011	10.04	77.60	w Maximum D	0.00	0 - 09:59 hrs	0.00	168.95	0.00	30.09	133.51	1.51	5.54	0.00	0.00	0.00	40.24	0 - 09:59 hrs
269	☐	SWMH-G3-012	13.20	81.63	w Maximum D	1.05	0 - 09:59 hrs	0.00	168.90	0.00	30.11	1,431.51	5.09	8.35	1.05	0.00	0.00	0.00	0 - 00:00 hrs
270	☐	SWMH-G3-013	12.40	81.53	Surcharged	0.00	0 - 09:59 hrs	0.00	168.88	0.00	30.12	1,305.18	5.04	7.90	0.00	0.00	0.00	0.82	0 - 09:59 hrs
271	☐	SWMH-G3-014	12.50	76.18	Surcharged	0.00	0 - 09:57 hrs	5.70	73.26	0.20	6.35	183.44	1.99	9.50	0.00	0.00	0.00	0.39	0 - 09:57 hrs
272	☐	SWMH-G3-015	11.95	76.94	Surcharged	0.00	0 - 09:57 hrs	15.99	67.97	0.68	6.20	609.92	2.00	8.95	0.00	0.04	0.20	10.63	0 - 10:03 hrs
273	☐	SWMH-G3-016	13.20	68.87	w Maximum D	0.00	0 - 09:59 hrs	17.53	42.93	0.79	2.44	10.68	0.44	8.85	0.00	0.00	0.00	0.69	0 - 09:59 hrs
274	☐	SWMH-G3-017	11.30	70.39	w Maximum D	0.00	0 - 09:57 hrs	0.00	26.86	0.00	1.65	174.64	0.35	8.80	0.00	0.00	0.00	7.96	0 - 09:57 hrs
275	☐	SWMH-G3-018	11.30	72.93	w Maximum D	0.00	0 - 09:55 hrs	0.00	26.84	0.00	1.65	75.34	0.81	9.26	0.00	0.00	0.00	2.95	0 - 09:55 hrs
276	☐	SWMH-G3-019	11.26	73.70	w Maximum D	0.00	0 - 09:59 hrs	0.00	26.84	0.00	1.65	-17.52	0.88	9.26	0.00	0.00	0.00	0.24	0 - 09:59 hrs
277	☐	SWMH-G3-020	11.29	75.75	w Maximum D	0.09	0 - 09:59 hrs	0.00	26.85	0.00	1.65	108.29	0.83	9.10	0.09	0.00	0.00	0.00	0 - 00:00 hrs
278	☐	SWMH-G3-021	11.10	77.05	Surcharged	0.00	0 - 09:55 hrs	35.61	35.61	1.70	1.70	0.00	0.89	9.10	0.00	0.05	0.24	14.02	0 - 09:59 hrs
279	☐	SWMH-G3-023	7.20	76.71	w Maximum D	0.00	0 - 09:56 hrs	18.99	18.99	0.80	0.80	0.00	0.74	5.20	0.00	0.00	0.01	2.75	0 - 09:56 hrs
280	☐	SWMH-G3-027	1.64	72.41	Flow Link Crow	8.41	0 - 10:03 hrs	13.06	112.07	0.49	8.08	111.75	0.00	0.00	0.00	0.00	0.00	0.00	0 - 00:00 hrs
281	☐	SWMH-G3-028	10.80	75.81	w Maximum D	0.00	0 - 09:57 hrs	13.86	337.68	0.54	43.13	3,268.70	1.46	4.00	0.00	0.00	0.00	51.55	0 - 09:57 hrs
282	☐	SWMH-G4-002	12.00	83.70	w Maximum D	0.00	0 - 09:51 hrs	34.77	168.87	1.60	30.12	1,497.16	4.48	7.50	0.00	0.00	0.01	10.82	0 - 09:51 hrs
283	☐	SWMH-G4-004	12.03	86.46	w Maximum D	0.77	0 - 09:55 hrs	0.00	137.45	0.00	28.53	563.90	3.80	7.32	0.77	0.00	0.00	0.00	0 - 00:00 hrs
284	☐	SWMH-G4-005	7.78	86.10	w Maximum D	0.00	0 - 09:57 hrs	0.00	45.92	0.00	2.71	-1,096.08	1.37	2.67	0.00	0.03	0.18	35.31	0 - 09:57 hrs
285	☐	SWMH-G4-009	12.85	81.77	Surcharged	0.00	0 - 09:56 hrs	33.16	71.80	1.53	5.55	597.23	1.33	7.95	0.00	0.02	0.17	30.21	0 - 09:56 hrs
286	☐	SWMH-G4-010	10.91	82.92	w Maximum D	1.95	0 - 09:56 hrs	0.00	49.11	0.00	4.01	198.71	1.47	7.64	1.95	0.00	0.00	0.00	0 - 00:00 hrs
287	☐	SWMH-G4-011	11.30	84.14	Surcharged	0.00	0 - 09:56 hrs	0.00	37.00	0.00	3.39	-47.79	1.36	8.20	0.00	0.00	0.00	11.37	0 - 09:56 hrs
288	☐	SWMH-G4-012	9.84	84.72	Surcharged	0.00	0 - 09:56 hrs	0.00	37.10	0.00	3.38	-234.92	1.43	7.34	0.00	0.00	0.00	0.38	0 - 09:56 hrs
289	☐	SWMH-G4-013	10.10	86.08	Surcharged	0.00	0 - 09:56 hrs	18.03	18.03	0.65	0.65	0.00	1.29	8.60	0.00	0.03	0.23	8.45	0 - 09:59 hrs
290	☐	SWMH-G4-014	5.90	88.76	Surcharged	0.00	0 - 10:00 hrs	23.54	56.38	1.00	2.75	75.79	0.71	2.40	0.00	0.03	0.13	30.83	0 - 10:00 hrs
291	☐	SWMH-G4-015	6.15	83.29	Surcharged	0.00	0 - 09:56 hrs	33.96	37.11	1.61	3.51	211.70	1.35	3.65	0.00	0.01	0.14	3.36	0 - 09:59 hrs
292	☐	SWMH-G4-016	9.00	82.99	w Maximum D	0.00	0 - 09:56 hrs	0.00	17.56	0.00	0.00	0.00	1.00	6.75	0.00	0.00	0.01	16.53	0 - 09:56 hrs
293	☐	SWMH-G4-018	13.60	85.06	w Maximum D	0.00	0 - 09:55 hrs	0.00	46.80	0.00	4.01	509.00	1.59	10.38	0.00	0.00	0.00	5.62	0 - 09:55 hrs
294	☐	SWMH-G4-019	7.10	93.00	w Maximum D	0.00	0 - 09:57 hrs	0.00	35.39	0.00	2.07	-217.54	1.24	4.00	0.00	0.00	0.00	18.16	0 - 09:57 hrs

FUTURE CONDITIONS 5-YR 24-HR CLIMATE CHANGE JUNCTIONS

		ID	Maximum Depth (ft)	Maximum HGL (ft)	Maximum HGL Head Class	Freeboard (ft)	Max.Depth Day-Time (day-time)	Maximum Lateral Inflow (cfs)	Maximum Total Inflow (cfs)	Lateral Inflow Volume (MG)	Total Inflow Volume (MG)	Flow Volume Difference (MG)	Total Surcharge Time (hrs)	Max.Surchar ge Height Above Crown	Min.Surchar ge Depth Below Rim (ft)	Total Flood Volume (MG)	Total Flood Time (hrs)	Maximum Flood Rate (cfs)	Max.Flood Day-Time (day-time)
295	☐	SWMH-G4-020	9.34	93.01	w Maximum	0.00	0 - 09:57 hrs	0.00	34.45	0.00	2.08	-431.82	1.57	6.34	0.00	0.00	0.00	22.14	0 - 09:57 hrs
296	☐	SWMH-G5-001	6.95	94.84	Surcharged	0.00	0 - 09:53 hrs	27.31	27.66	1.27	1.27	0.00	0.89	4.25	0.00	0.13	0.31	27.64	0 - 09:59 hrs
297	☐	SWMH-G5-002	5.65	91.57	Surcharged	0.00	0 - 10:00 hrs	0.00	34.64	0.00	1.75	163.90	0.40	2.65	0.00	0.00	0.02	12.19	0 - 10:00 hrs
298	☐	SWMH-G5-003	6.20	93.11	w Maximum	0.00	0 - 10:02 hrs	35.62	35.62	1.76	1.75	0.00	0.31	3.10	0.00	0.00	0.02	10.84	0 - 10:02 hrs
299	☐	SWMH-G5-005	5.10	93.34	Surcharged	0.00	0 - 09:59 hrs	0.00	35.48	0.00	2.08	53.64	0.60	2.00	0.00	0.00	0.00	11.87	0 - 09:59 hrs
300	☐	SWMH-G5-006	5.95	95.83	Surcharged	0.00	0 - 09:52 hrs	49.34	49.34	2.17	2.17	0.00	1.04	3.45	0.00	0.09	0.31	18.33	0 - 10:00 hrs
301	☐	SWMH-G5-009	4.76	92.63	Surcharged	0.00	0 - 09:59 hrs	0.00	36.80	0.00	2.08	635.60	0.72	1.76	0.00	0.00	0.02	10.97	0 - 09:59 hrs
302	☐	SWMH-G6-001	6.53	96.78	w Maximum	7.12	0 - 10:00 hrs	13.60	59.83	0.56	3.62	693.31	0.97	3.39	7.12	0.00	0.00	0.00	0 - 00:00 hrs
303	☐	SWMH-G6-002	7.77	98.50	low Link Cro	5.33	0 - 10:00 hrs	0.00	49.01	0.00	3.06	225.20	0.00	0.00	0.00	0.00	0.00	0.00	0 - 00:00 hrs
304	☐	SWMH-G6-003	9.01	100.31	w Maximum	4.49	0 - 09:59 hrs	9.17	35.06	0.32	2.21	217.49	0.08	0.56	4.49	0.00	0.00	0.00	0 - 00:00 hrs
305	☐	SWMH-G6-004	8.10	101.49	Surcharged	0.00	0 - 09:53 hrs	15.21	30.91	0.62	1.93	-60.93	1.08	5.50	0.00	0.04	0.24	9.95	0 - 09:59 hrs
306	☐	SWMH-G6-005	6.10	104.45	w Maximum	0.00	0 - 09:55 hrs	0.00	20.29	0.00	1.31	205.62	0.82	4.10	0.00	0.00	0.00	5.70	0 - 09:55 hrs
307	☐	SWMH-G6-006	5.02	104.32	w Maximum	0.00	0 - 09:55 hrs	30.03	30.03	1.38	1.38	0.00	0.70	3.02	0.00	0.07	0.30	14.32	0 - 09:59 hrs
308	☐	SWMH-G6-007	1.37	99.71	low Link Cro	3.93	0 - 09:59 hrs	0.00	19.88	0.00	0.86	31.27	0.00	0.00	0.00	0.00	0.00	0.00	0 - 00:00 hrs
309	☐	SWMH-G6-009	13.75	97.23	Surcharged	0.00	0 - 09:57 hrs	40.73	97.49	1.74	5.59	149.66	0.74	10.00	0.00	0.00	0.00	0.84	0 - 09:57 hrs
310	☐	SWMH-G6-010	14.20	98.63	w Maximum	0.00	0 - 09:56 hrs	0.00	59.53	0.00	3.85	120.59	0.68	10.70	0.00	0.00	0.00	11.72	0 - 09:56 hrs
311	☐	SWMH-G6-011	9.70	97.80	w Maximum	5.77	0 - 09:57 hrs	0.00	66.55	0.00	3.85	274.76	0.53	6.70	5.77	0.00	0.00	0.00	0 - 00:00 hrs
312	☐	SWMH-G6-012	8.40	96.94	Surcharged	0.00	0 - 09:57 hrs	0.00	66.47	0.00	3.85	29.62	0.62	5.20	0.00	0.00	0.01	4.57	0 - 09:57 hrs
313	☐	SWMH-G6-013	7.62	97.34	Surcharged	0.00	0 - 09:56 hrs	0.00	66.45	0.00	3.86	211.64	0.58	4.60	0.00	0.01	0.11	9.66	0 - 09:56 hrs
314	☐	SWMH-G6-014	10.05	101.35	w Maximum	0.00	0 - 09:53 hrs	25.87	66.45	1.16	3.86	433.13	0.99	6.95	0.00	0.00	0.00	7.43	0 - 09:53 hrs
315	☐	SWMH-G6-015	8.42	102.18	w Maximum	0.00	0 - 09:56 hrs	32.86	54.89	1.52	2.81	11.11	0.76	5.35	0.00	0.11	0.24	25.69	0 - 09:59 hrs
316	☐	SWMH-G6-016	7.52	104.84	w Maximum	0.00	0 - 09:56 hrs	6.76	28.03	0.23	1.32	140.77	0.69	5.23	0.00	0.02	0.20	6.16	0 - 09:56 hrs
317	☐	SWMH-G6-017	8.25	108.12	Surcharged	0.00	0 - 09:56 hrs	14.74	23.03	0.59	1.09	156.39	0.58	5.95	0.00	0.00	0.00	9.90	0 - 09:56 hrs
318	☐	SWMH-G6-022	7.78	95.29	Surcharged	0.00	0 - 09:55 hrs	24.44	30.79	1.10	2.24	-63.78	1.00	5.28	0.00	0.00	0.00	0.16	0 - 09:55 hrs
319	☐	SWMH-G6-023	8.11	99.80	w Maximum	5.14	0 - 09:59 hrs	0.00	32.64	0.00	2.21	0.00	1.19	5.61	5.14	0.00	0.00	0.00	0 - 00:00 hrs
320	☐	SWMH-G6-024	1.41	100.02	low Link Cro	4.74	0 - 09:59 hrs	0.00	1.84	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0 - 00:00 hrs
321	☐	SWMH-G7-001	3.06	96.15	low Link Cro	17.14	0 - 10:06 hrs	0.00	62.90	0.00	2.80	117.73	0.00	0.00	0.00	0.00	0.00	0.00	0 - 00:00 hrs
322	☐	SWMH-G7-004	5.39	94.83	w Maximum	11.09	0 - 09:56 hrs	0.00	59.83	0.00	3.61	23.70	0.51	2.11	11.09	0.00	0.00	0.00	0 - 00:00 hrs
323	☐	SWMH-G7-005	2.89	68.99	low Link Cro	4.96	0 - 10:00 hrs	25.08	55.65	0.97	2.44	146.23	0.00	0.00	0.00	0.00	0.00	0.00	0 - 00:00 hrs
324	☐	SWMH-G7-006	2.24	69.33	low Link Cro	4.74	0 - 10:00 hrs	0.00	34.32	0.00	1.47	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0 - 00:00 hrs
325	☐	SWMH-G7-007	2.55	69.51	low Link Cro	4.75	0 - 10:00 hrs	0.00	34.97	0.00	1.47	118.95	0.00	0.00	0.00	0.00	0.00	0.00	0 - 00:00 hrs
326	☐	SWMH-G7-008	2.20	69.69	low Link Cro	5.10	0 - 10:00 hrs	0.00	35.65	0.00	1.47	65.33	0.00	0.00	0.00	0.00	0.00	0.00	0 - 00:00 hrs
327	☐	SWMH-G7-009	2.23	72.09	low Link Cro	5.47	0 - 09:59 hrs	36.68	36.68	1.47	1.47	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0 - 00:00 hrs
328	☐	SWMH-G7-034	8.69	76.22	w Maximum	0.00	0 - 09:56 hrs	0.00	34.23	0.00	1.89	-218.55	0.54	6.19	0.00	0.00	0.00	3.09	0 - 09:56 hrs
329	☐	SWMH-G7-035	2.56	77.08	low Link Cro	8.92	0 - 10:00 hrs	3.66	62.46	0.13	3.74	88.81	0.00	0.00	0.00	0.00	0.00	0.00	0 - 00:00 hrs
330	☐	SWMH-G7-036	3.67	76.13	w Maximum	6.33	0 - 09:59 hrs	0.00	62.35	0.00	3.74	119.40	0.28	0.42	6.33	0.00	0.00	0.00	0 - 00:00 hrs
331	☐	SWMH-G7-037	3.87	76.00	w Maximum	6.33	0 - 09:59 hrs	0.00	62.55	0.00	3.74	68.63	0.28	0.67	6.33	0.00	0.00	0.00	0 - 00:00 hrs
332	☐	SWMH-G7-038	1.73	82.78	low Link Cro	8.01	0 - 10:00 hrs	0.00	59.70	0.00	3.61	76.11	0.00	0.00	0.00	0.00	0.00	0.00	0 - 00:00 hrs
333	☐	SWMH-G7-039	2.36	89.74	low Link Cro	10.19	0 - 10:00 hrs	0.00	59.87	0.00	3.61	75.26	0.00	0.00	0.00	0.00	0.00	0.00	0 - 00:00 hrs
334	☐	SWMH-G7-040	2.27	73.33	low Link Cro	6.98	0 - 10:00 hrs	0.00	62.38	0.00	3.74	43.00	0.00	0.00	0.00	0.00	0.00	0.00	0 - 00:00 hrs
335	☐	SWMH-G7-046	2.10	84.39	low Link Cro	7.65	0 - 10:04 hrs	0.00	20.22	0.00	1.19	346.26	0.00	0.00	0.00	0.00	0.00	0.00	0 - 00:00 hrs
336	☐	SWMH-G7-047	8.43	84.88	w Maximum	0.00	0 - 09:59 hrs	0.00	21.73	0.00	1.19	-144.57	0.33	5.87	0.00	0.00	0.00	5.32	0 - 09:59 hrs
337	☐	SWMH-G7-048	9.45	81.42	Surcharged	0.00	0 - 09:56 hrs	9.02	26.97	0.35	1.54	-28.11	0.55	6.95	0.00	0.00	0.00	5.12	0 - 09:56 hrs
338	☐	SWMH-G7-049	2.87	85.73	w Maximum	4.88	0 - 09:53 hrs	0.00	20.12	0.00	1.19	45.31	0.47	0.72	4.88	0.00	0.00	0.00	0 - 00:00 hrs
339	☐	SWMH-G7-050	4.08	87.76	w Maximum	3.05	0 - 09:53 hrs	0.00	20.12	0.00	1.19	117.71	0.54	1.87	3.05	0.00	0.00	0.00	0 - 00:00 hrs
340	☐	SWMH-G7-051	5.53	90.33	w Maximum	0.77	0 - 09:52 hrs	0.00	20.11	0.00	1.19	172.58	0.61	3.48	0.77	0.00	0.00	0.00	0 - 00:00 hrs
341	☐	SWMH-G7-052	6.80	92.06	Surcharged	0.00	0 - 09:52 hrs	0.00	20.11	0.00	1.19	-61.44	0.66	4.58	0.00	0.00	0.00	1.27	0 - 09:52 hrs
342	☐	SWMH-G7-053	7.22	93.72	Surcharged	0.00	0 - 09:52 hrs	29.92	29.92	1.22	1.22	0.00	0.67	5.22	0.00	0.03	0.22	9.83	0 - 09:59 hrs
343	☐	SWMH-G7-054	9.20	80.08	Surcharged	0.00	0 - 09:56 hrs	9.27	34.23	0.36	1.90	478.57	0.63	6.95	0.00	0.00	0.00	2.60	0 - 09:56 hrs

FUTURE CONDITIONS 5-YR 24-HR CLIMATE CHANGE JUNCTIONS

		ID	Maximum Depth (ft)	Maximum HGL (ft)	Maximum HGL Head Class	Freeboard (ft)	Max.Depth Day-Time (day-time)	Maximum Lateral Inflow (cfs)	Maximum Total Inflow (cfs)	Lateral Inflow Volume (MG)	Total Inflow Volume (MG)	Flow Volume Difference (MG)	Total Surcharge Time (hrs)	Max.Surchar ge Height Above Crown	Min.Surchar ge Depth Below Rim (ft)	Total Flood Volume (MG)	Total Flood Time (hrs)	Maximum Flood Rate (cfs)	Max.Flood Day-Time (day-time)
344	☐	SWMH-G7-055	1.81	70.27	Flow Link Croy	5.79	0 - 09:59 hrs	0.00	35.83	0.00	1.47	21.87	0.00	0.00	0.00	0.00	0.00	0.00	0 - 00:00 hrs
345	☐	SWMH-G7-056	6.29	73.02	w Maximum C	3.21	0 - 09:57 hrs	0.00	34.24	0.00	1.89	127.27	0.50	3.79	3.21	0.00	0.00	0.00	0 - 00:00 hrs
346	☐	SWMH-G8-001	8.52	108.14	w Maximum C	0.00	0 - 09:52 hrs	0.00	22.47	0.00	1.91	-45.75	1.64	6.30	0.00	0.01	0.22	1.49	0 - 10:00 hrs
347	☐	SWMH-G8-002	8.25	109.63	w Maximum C	0.00	0 - 09:51 hrs	13.53	38.76	0.53	2.09	234.80	1.42	6.20	0.00	0.17	0.49	22.91	0 - 09:59 hrs
348	☐	SWMH-G8-003	9.82	112.68	w Maximum C	0.00	0 - 09:51 hrs	34.61	34.61	1.59	1.59	0.00	1.26	7.82	0.00	0.03	0.23	9.37	0 - 09:59 hrs
349	☐	SWMH-G8-007	9.20	114.76	Surcharged	0.00	0 - 09:53 hrs	9.32	29.91	0.30	1.72	128.99	0.73	6.70	0.00	0.00	0.01	11.64	0 - 09:53 hrs
350	☐	SWMH-G8-008	7.97	116.55	Surcharged	0.00	0 - 09:53 hrs	9.52	23.82	0.35	1.46	212.19	0.80	5.85	0.00	0.04	0.29	8.90	0 - 09:59 hrs
351	☐	SWMH-G8-009	8.12	117.47	Surcharged	0.00	0 - 09:53 hrs	27.82	27.82	1.19	1.19	0.00	0.88	6.12	0.00	0.08	0.33	14.93	0 - 09:59 hrs
352	☐	SWMH-G8-033	8.25	119.48	Surcharged	0.00	0 - 09:59 hrs	3.98	3.98	0.13	0.13	0.00	0.19	6.75	0.00	0.00	0.00	1.83	0 - 09:59 hrs
353	☐	SWMH-G8-034	8.30	117.53	w Maximum C	0.00	0 - 09:57 hrs	5.86	8.84	0.21	0.34	57.41	0.37	6.55	0.00	0.00	0.00	3.19	0 - 09:57 hrs
354	☐	SWMH-G8-035	1.04	108.27	Flow Link Croy	7.26	0 - 10:02 hrs	0.00	8.84	0.00	0.34	48.18	0.00	0.00	0.00	0.00	0.00	0.00	0 - 00:00 hrs
355	☐	SWMH-G8-036	0.83	101.29	Flow Link Croy	7.57	0 - 10:03 hrs	0.00	7.79	0.00	0.33	50.67	0.00	0.00	0.00	0.00	0.00	0.00	0 - 00:00 hrs
356	☐	SWMH-G8-062	7.95	109.58	w Maximum C	0.00	0 - 09:53 hrs	3.28	26.10	0.11	1.83	2.54	0.78	5.70	0.00	0.01	0.19	5.72	0 - 09:53 hrs
357	☐	SWMH-H2-001	11.68	46.12	w Maximum C	2.40	0 - 10:03 hrs	0.00	249.55	0.00	25.36	0.00	0.72	5.68	2.40	0.00	0.00	0.00	0 - 00:00 hrs
358	☐	SWMH-H2-002	5.59	42.05	Flow Link Croy	11.95	0 - 10:08 hrs	33.93	441.57	1.44	52.72	4,962.39	0.00	0.00	0.00	0.00	0.00	0.00	0 - 00:00 hrs
359	☐	SWMH-H2-003	2.51	44.19	Flow Link Croy	16.31	0 - 10:10 hrs	0.00	417.55	0.00	51.04	611.52	0.00	0.00	0.00	0.00	0.00	0.00	0 - 00:00 hrs
360	☐	SWMH-H2-004	13.09	47.37	w Maximum C	0.71	0 - 10:03 hrs	0.00	249.63	0.00	25.36	3,022.67	0.61	6.16	0.71	0.00	0.00	0.00	0 - 00:00 hrs
361	☐	SWMH-H3-001	6.28	60.07	Flow Link Croy	6.34	0 - 10:12 hrs	0.00	426.95	0.00	51.00	-6,632.77	0.00	0.00	0.00	0.00	0.00	0.00	0 - 00:00 hrs
362	☐	SWMH-H3-002	11.50	62.36	Surcharged	0.00	0 - 09:59 hrs	31.31	167.56	1.45	14.14	1,474.17	1.19	5.75	0.00	0.00	0.00	13.30	0 - 09:59 hrs
363	☐	SWMH-H3-003	9.49	66.90	w Maximum C	2.81	0 - 09:59 hrs	9.28	136.18	0.34	10.79	636.27	0.88	5.89	2.81	0.00	0.00	0.00	0 - 00:00 hrs
364	☐	SWMH-H3-004	13.30	73.96	Surcharged	0.00	0 - 09:57 hrs	0.00	117.24	0.00	9.62	878.19	0.98	7.25	0.00	0.00	0.00	21.29	0 - 09:57 hrs
365	☐	SWMH-H3-005	12.90	74.59	w Maximum C	0.00	0 - 09:59 hrs	0.00	52.82	0.00	3.28	-7.51	0.76	4.35	0.00	0.00	0.00	14.74	0 - 09:59 hrs
366	☐	SWMH-H3-007	13.27	49.53	w Maximum C	3.73	0 - 10:03 hrs	0.00	242.86	0.00	19.65	1,201.14	0.29	6.77	3.73	0.00	0.00	0.00	0 - 00:00 hrs
367	☐	SWMH-H3-008	13.27	49.76	w Maximum C	3.76	0 - 10:03 hrs	0.00	241.61	0.00	19.61	2,026.44	0.25	6.77	3.76	0.00	0.00	0.00	0 - 00:00 hrs
368	☐	SWMH-H3-009	5.21	48.27	w Maximum C	6.29	0 - 00:00 hrs	0.00	87.39	0.00	4.59	-886.63	14.81	1.45	6.29	0.00	0.00	0.00	0 - 00:00 hrs
369	☐	SWMH-H3-010	10.70	53.96	w Maximum C	0.00	0 - 09:56 hrs	0.00	87.37	0.00	4.58	-968.83	15.05	7.15	0.00	0.00	0.00	6.62	0 - 09:56 hrs
370	☐	SWMH-H3-011	7.60	51.19	w Maximum C	3.20	0 - 09:56 hrs	0.00	87.41	0.00	4.57	-1,367.27	7.36	3.81	3.20	0.00	0.00	0.00	0 - 00:00 hrs
371	☐	SWMH-H3-012	7.15	51.60	w Maximum C	4.35	0 - 09:56 hrs	0.00	87.39	0.00	4.55	-2,825.40	3.09	3.65	4.35	0.00	0.00	0.00	0 - 00:00 hrs
372	☐	SWMH-H3-013	9.78	55.36	w Maximum C	3.74	0 - 09:59 hrs	0.00	87.40	0.00	4.54	-1,337.17	1.05	6.28	3.74	0.00	0.00	0.00	0 - 00:00 hrs
373	☐	SWMH-H3-014	10.92	56.94	w Maximum C	3.50	0 - 09:59 hrs	0.00	87.37	0.00	4.54	-406.68	0.77	7.42	3.50	0.00	0.00	0.00	0 - 00:00 hrs
374	☐	SWMH-H3-015	13.63	60.35	w Maximum C	3.15	0 - 09:59 hrs	30.11	87.34	1.32	4.54	111.62	0.80	10.13	3.15	0.00	0.00	0.00	0 - 00:00 hrs
375	☐	SWMH-H3-016	13.10	62.83	w Maximum C	1.60	0 - 09:59 hrs	0.00	57.22	0.00	3.23	-19.35	0.70	10.60	1.60	0.00	0.00	0.00	0 - 00:00 hrs
376	☐	SWMH-H3-017	14.25	65.02	Surcharged	0.00	0 - 09:56 hrs	18.08	57.20	0.79	3.23	278.32	0.60	11.75	0.00	0.00	0.00	6.30	0 - 09:56 hrs
377	☐	SWMH-H3-018	11.10	74.34	Surcharged	0.00	0 - 09:59 hrs	0.00	35.94	0.00	2.50	198.46	1.86	8.60	0.00	0.01	0.21	4.25	0 - 10:03 hrs
378	☐	SWMH-H3-020	9.05	75.16	w Maximum C	0.00	0 - 09:56 hrs	36.83	50.82	1.83	2.66	67.37	1.39	6.55	0.00	0.16	0.35	27.38	0 - 10:03 hrs
379	☐	SWMH-H3-025	7.64	70.32	w Maximum C	0.00	0 - 10:03 hrs	19.29	19.29	0.83	0.83	0.00	0.13	5.39	0.00	0.00	0.00	0.63	0 - 10:03 hrs
380	☐	SWMH-H3-026	0.96	59.07	Flow Link Croy	8.14	0 - 10:08 hrs	0.00	17.79	0.00	2.68	58.31	0.00	0.00	0.00	0.00	0.00	0.00	0 - 00:00 hrs
381	☐	SWMH-H3-028	4.62	64.89	w Maximum C	0.80	0 - 09:42 hrs	0.00	11.91	0.00	2.17	231.37	3.54	2.87	0.80	0.00	0.00	0.00	0 - 00:00 hrs
382	☐	SWMH-H3-029	4.60	66.31	w Maximum C	0.50	0 - 09:42 hrs	0.00	11.91	0.00	2.17	71.49	3.47	2.64	0.50	0.00	0.00	0.00	0 - 00:00 hrs
383	☐	SWMH-H3-030	5.52	66.94	Surcharged	0.00	0 - 09:49 hrs	13.63	13.63	0.56	0.56	0.00	1.99	4.19	0.00	0.05	0.45	7.75	0 - 09:59 hrs
384	☐	SWMH-H3-031?	4.33	65.66	w Maximum C	0.27	0 - 09:49 hrs	0.00	5.89	0.00	0.51	-16.58	1.50	2.99	0.27	0.00	0.00	0.00	0 - 00:00 hrs
385	☐	SWMH-H3-032	2.65	63.48	w Maximum C	1.45	0 - 09:49 hrs	0.00	5.89	0.00	0.51	64.12	1.16	1.31	1.45	0.00	0.00	0.00	0 - 00:00 hrs
386	☐	SWMH-H3-033	4.80	67.67	w Maximum C	0.00	0 - 09:41 hrs	48.25	48.25	2.64	2.64	0.00	3.93	3.05	0.00	0.47	1.46	36.34	0 - 10:03 hrs
387	☐	SWMH-H4-001	5.00	77.95	Surcharged	0.00	0 - 09:53 hrs	0.00	20.72	0.00	0.56	10.65	1.45	2.75	0.00	0.16	0.50	20.66	0 - 09:59 hrs
388	☐	SWMH-H4-002	5.16	78.99	Surcharged	0.00	0 - 09:53 hrs	0.00	14.68	0.00	0.50	-67.93	1.05	1.55	0.00	0.00	0.00	13.65	0 - 09:53 hrs
389	☐	SWMH-H4-003	1.08	79.04	Flow Link Croy	2.48	0 - 09:59 hrs	12.07	12.07	0.50	0.50	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0 - 00:00 hrs
390	☐	SWMH-H4-004	5.04	78.12	Surcharged	0.00	0 - 09:52 hrs	26.52	26.52	1.29	1.28	0.00	1.64	3.04	0.00	0.15	0.49	26.27	0 - 09:59 hrs
391	☐	SWMH-H4-005	1.33	68.69	Flow Link Croy	2.82	0 - 10:03 hrs	0.00	50.11	0.00	2.46	75.43	0.00	0.00	0.00	0.00	0.00	0.00	0 - 00:00 hrs
392	☐	SWMH-H4-006	1.85	73.18	Flow Link Croy	3.69	0 - 10:06 hrs	7.66	21.64	0.30	1.07	97.04	0.00	0.00	0.00	0.00	0.00	0.00	0 - 00:00 hrs

FUTURE CONDITIONS 5-YR 24-HR CLIMATE CHANGE JUNCTIONS

		ID	Maximum Depth (ft)	Maximum HGL (ft)	Maximum HGL Head Class	Freeboard (ft)	Max.Depth Day-Time (day-time)	Maximum Lateral Inflow (cfs)	Maximum Total Inflow (cfs)	Lateral Inflow Volume (MG)	Total Inflow Volume (MG)	Flow Volume Difference (MG)	Total Surcharge Time (hrs)	Max.Surchar ge Height Above Crown (ft)	Min.Surchar ge Depth Below Rim (ft)	Total Flood Volume (MG)	Total Flood Time (hrs)	Maximum Flood Rate (cfs)	Max.Flood Day-Time (day-time)
393	☐	SWMH-H4-007	1.71	73.19	Flow Link Crow	3.93	0 - 10:04 hrs	0.00	14.29	0.00	0.77	-6.64	0.00	0.00	0.00	0.00	0.00	0.00	0 - 00:00 hrs
394	☐	SWMH-H4-010	8.90	79.62	Surcharged	0.00	0 - 09:56 hrs	0.00	15.31	0.00	0.82	54.56	1.01	6.65	0.00	0.00	0.00	11.72	0 - 09:56 hrs
395	☐	SWMH-H4-012	5.25	78.18	w Maximum D	0.00	0 - 09:52 hrs	34.25	37.95	1.73	3.27	432.73	1.43	3.00	0.00	0.00	0.04	14.98	0 - 09:52 hrs
396	☐	SWMH-H4-013	5.40	76.79	w Maximum D	0.00	0 - 09:59 hrs	0.00	24.78	0.00	1.11	0.00	0.27	3.40	0.00	0.00	0.00	2.79	0 - 09:59 hrs
397	☐	SWMH-H4-014	5.73	77.10	w Maximum D	0.00	0 - 09:59 hrs	24.73	24.73	1.11	1.11	15.54	0.39	3.73	0.00	0.00	0.00	0.20	0 - 09:59 hrs
398	☐	SWMH-H4-015	1.23	69.21	Flow Link Crow	2.62	0 - 10:00 hrs	0.00	7.12	0.00	0.27	11.49	0.00	0.00	0.00	0.00	0.00	0.00	0 - 00:00 hrs
399	☐	SWMH-H4-016	1.34	68.89	Flow Link Crow	2.34	0 - 10:00 hrs	0.00	6.86	0.00	0.27	12.19	0.00	0.00	0.00	0.00	0.00	0.00	0 - 00:00 hrs
400	☐	SWMH-H4-017	6.00	79.43	w Maximum D	0.00	0 - 09:56 hrs	19.81	19.81	0.85	0.84	0.00	0.72	4.00	0.00	0.02	0.18	8.30	0 - 09:56 hrs
401	☐	SWMH-H4-018	8.30	80.25	w Maximum D	0.00	0 - 09:56 hrs	0.00	15.85	0.00	0.83	279.56	0.88	6.00	0.00	0.00	0.00	10.01	0 - 09:56 hrs
402	☐	SWMH-H5-002	5.10	78.52	Surcharged	0.00	0 - 09:52 hrs	0.00	37.09	0.00	4.35	188.58	2.53	2.60	0.00	0.12	0.69	8.61	0 - 10:03 hrs
403	☐	SWMH-H5-003	5.55	80.20	w Maximum D	0.00	0 - 09:49 hrs	41.73	69.62	2.08	4.66	176.80	2.24	3.05	0.00	0.31	0.63	33.61	0 - 09:59 hrs
404	☐	SWMH-H5-004	5.90	82.34	w Maximum D	0.00	0 - 09:52 hrs	14.90	33.48	0.60	2.60	53.36	1.94	3.22	0.00	0.02	0.27	7.79	0 - 09:52 hrs
405	☐	SWMH-H5-005	6.30	87.07	Surcharged	0.00	0 - 09:53 hrs	14.98	24.74	0.64	1.90	218.19	2.09	4.20	0.00	0.02	0.28	5.73	0 - 09:59 hrs
406	☐	SWMH-H5-007	12.30	84.37	Surcharged	0.00	0 - 09:55 hrs	0.00	32.67	0.00	2.44	217.87	1.51	9.68	0.00	0.00	0.00	7.06	0 - 09:55 hrs
407	☐	SWMH-H5-008	8.48	82.36	w Maximum D	0.00	0 - 09:55 hrs	25.97	40.00	1.15	2.53	116.50	1.21	4.20	0.00	0.08	0.31	17.75	0 - 09:59 hrs
408	☐	SWMH-H5-009	5.55	84.52	w Maximum D	0.00	0 - 09:53 hrs	0.00	26.74	0.00	1.39	356.59	1.29	3.55	0.00	0.01	0.32	7.72	0 - 09:53 hrs
409	☐	SWMH-H5-010	6.18	86.46	w Maximum D	0.12	0 - 09:53 hrs	0.00	59.55	0.00	1.57	-13.97	1.20	3.54	0.12	0.00	0.00	0.00	0 - 00:00 hrs
410	☐	SWMH-H5-012	9.96	91.10	Surcharged	-5.00	0 - 09:48 hrs	42.80	42.80	2.37	2.37	0.00	4.15	8.21	0.00	0.33	1.02	30.46	0 - 10:03 hrs
411	☐	SWMH-H6-001	12.35	88.13	w Maximum D	0.00	0 - 09:56 hrs	23.02	124.37	1.03	7.18	1,063.65	0.72	8.72	0.00	0.00	0.00	3.73	0 - 09:56 hrs
412	☐	SWMH-H6-002	10.90	89.56	Surcharged	0.00	0 - 09:57 hrs	0.00	105.71	0.00	6.09	253.09	0.61	7.33	0.00	0.00	0.00	21.24	0 - 09:57 hrs
413	☐	SWMH-H6-003	11.44	92.65	w Maximum D	0.00	0 - 09:57 hrs	0.00	109.63	0.00	6.09	299.78	0.49	7.75	0.00	0.00	0.00	0.93	0 - 09:57 hrs
414	☐	SWMH-H6-004	13.27	95.32	w Maximum D	0.03	0 - 09:57 hrs	12.63	109.57	0.50	6.09	424.47	0.70	9.47	0.03	0.00	0.00	0.00	0 - 00:00 hrs
415	☐	SWMH-H6-006	3.22	85.46	w Maximum D	7.48	0 - 09:59 hrs	0.00	49.70	0.00	3.37	14.48	0.51	0.72	7.48	0.00	0.00	0.00	0 - 00:00 hrs
416	☐	SWMH-H6-009	8.15	89.27	w Maximum D	1.16	0 - 10:00 hrs	10.19	10.19	0.37	0.37	0.00	0.14	6.40	1.16	0.00	0.00	0.00	0 - 00:00 hrs
417	☐	SWMH-H6-010	7.47	86.77	w Maximum D	2.01	0 - 10:00 hrs	0.00	10.04	0.00	0.37	233.58	0.24	5.48	2.01	0.00	0.00	0.00	0 - 00:00 hrs
418	☐	SWMH-H7-001	3.84	63.55	Flow Link Crow	4.39	0 - 10:03 hrs	20.01	80.46	0.75	3.51	291.72	0.00	0.00	0.00	0.00	0.00	0.00	0 - 00:00 hrs
419	☐	SWMH-H7-002	4.32	63.80	Flow Link Crow	4.48	0 - 10:06 hrs	0.00	76.63	0.00	2.76	297.72	0.00	0.00	0.00	0.00	0.00	0.00	0 - 00:00 hrs
420	☐	SWMH-H7-003	2.79	65.01	Flow Link Crow	6.01	0 - 10:03 hrs	9.18	61.53	0.33	2.76	144.34	0.00	0.00	0.00	0.00	0.00	0.00	0 - 00:00 hrs
421	☐	SWMH-H7-004	2.10	64.88	Flow Link Crow	5.54	0 - 10:03 hrs	0.00	54.46	0.00	2.43	95.71	0.00	0.00	0.00	0.00	0.00	0.00	0 - 00:00 hrs
422	☐	SWMH-H7-005	2.46	65.84	Flow Link Crow	5.24	0 - 10:02 hrs	0.00	54.45	0.00	2.43	96.98	0.00	0.00	0.00	0.00	0.00	0.00	0 - 00:00 hrs
423	☐	SWMH-H7-006	2.50	66.27	Flow Link Crow	5.30	0 - 10:02 hrs	0.00	54.45	0.00	2.44	159.91	0.00	0.00	0.00	0.00	0.00	0.00	0 - 00:00 hrs
424	☐	SWMH-H7-007	2.66	66.71	Flow Link Crow	5.24	0 - 10:02 hrs	0.00	54.50	0.00	2.44	89.22	0.00	0.00	0.00	0.00	0.00	0.00	0 - 00:00 hrs
425	☐	SWMH-H7-008	2.01	67.04	Flow Link Crow	5.99	0 - 10:02 hrs	0.00	54.52	0.00	2.44	43.74	0.00	0.00	0.00	0.00	0.00	0.00	0 - 00:00 hrs
426	☐	SWMH-H7-009	3.19	68.54	Flow Link Crow	5.14	0 - 10:00 hrs	0.00	54.95	0.00	2.44	228.21	0.00	0.00	0.00	0.00	0.00	0.00	0 - 00:00 hrs
427	☐	SWMH-H7-011	2.34	67.41	Flow Link Crow	6.31	0 - 10:00 hrs	0.00	34.52	0.00	1.93	368.77	0.00	0.00	0.00	0.00	0.00	0.00	0 - 00:00 hrs
428	☐	SWMH-H7-012	2.25	67.81	Flow Link Crow	6.25	0 - 10:02 hrs	0.00	34.23	0.00	1.91	267.60	0.00	0.00	0.00	0.00	0.00	0.00	0 - 00:00 hrs
429	☐	SWMH-H7-013	10.55	72.59	Surcharged	0.00	0 - 09:56 hrs	20.49	20.49	0.87	0.87	0.00	0.96	8.45	0.00	0.01	0.17	3.75	0 - 09:59 hrs
430	☐	SWMH-H7-014	8.24	69.70	w Maximum D	0.16	0 - 10:07 hrs	0.00	24.18	0.00	1.24	19.19	0.79	6.10	0.16	0.00	0.00	0.00	0 - 00:00 hrs
431	☐	SWMH-H7-015	6.71	65.90	w Maximum D	1.50	0 - 10:04 hrs	0.00	24.18	0.00	1.25	263.69	1.19	4.71	1.50	0.00	0.00	0.00	0 - 00:00 hrs
432	☐	SWMH-H7-016	0.54	59.40	Flow Link Crow	5.66	0 - 09:59 hrs	1.35	1.35	0.04	0.04	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0 - 00:00 hrs
433	☐	SWMH-H7-017	1.33	60.05	Flow Link Crow	6.37	0 - 09:59 hrs	12.90	12.90	0.51	0.51	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0 - 00:00 hrs
434	☐	SWMH-H7-020	3.97	62.29	Flow Link Crow	4.03	0 - 10:04 hrs	0.00	96.82	0.00	4.82	865.72	0.00	0.00	0.00	0.00	0.00	0.00	0 - 00:00 hrs
435	☐	SWMH-H7-021	10.20	72.29	w Maximum D	0.00	0 - 09:56 hrs	10.33	27.07	0.39	1.25	115.10	0.93	8.20	0.00	0.01	0.19	3.24	0 - 09:59 hrs
436	☐	SWMH-H7-069	3.01	58.97	Flow Link Crow	6.69	0 - 00:01 hrs	0.00	30.50	0.00	0.99	957.58	0.00	0.00	0.00	0.00	0.00	0.00	0 - 00:00 hrs
437	☐	SWMH-H7-070	4.69	63.67	w Maximum D	3.56	0 - 10:03 hrs	0.00	75.70	0.00	3.52	422.03	0.01	0.69	3.56	0.00	0.00	0.00	0 - 00:00 hrs
438	☐	SWMH-H7-071	4.53	63.03	w Maximum D	3.93	0 - 10:03 hrs	0.00	73.71	0.00	3.54	1,116.20	0.17	0.53	3.93	0.00	0.00	0.00	0 - 00:00 hrs
439	☐	SWMH-H7-072	3.79	61.65	Flow Link Crow	3.91	0 - 10:04 hrs	0.00	95.96	0.00	4.84	1,353.44	0.00	0.00	0.00	0.00	0.00	0.00	0 - 00:00 hrs
440	☐	SWMH-H7-073	2.36	62.13	w Maximum D	7.79	0 - 09:59 hrs	0.00	17.36	0.00	0.76	68.21	0.03	0.11	7.79	0.00	0.00	0.00	0 - 00:00 hrs
441	☐	SWMH-H7-074	1.46	60.09	Flow Link Crow	5.84	0 - 10:00 hrs	0.00	17.18	0.00	0.76	17.12	0.00	0.00	0.00	0.00	0.00	0.00	0 - 00:00 hrs

FUTURE CONDITIONS 5-YR 24-HR CLIMATE CHANGE JUNCTIONS

		ID	Maximum Depth (ft)	Maximum HGL (ft)	Maximum HGL Head Class	Freeboard (ft)	Max.Depth Day-Time (day-time)	Maximum Lateral Inflow (cfs)	Maximum Total Inflow (cfs)	Lateral Inflow Volume (MG)	Total Inflow Volume (MG)	Flow Volume Difference (MG)	Total Surcharge Time (hrs)	Max.Surchar ge Height Above Crown	Min.Surchar ge Depth Below Rim (ft)	Total Flood Volume (MG)	Total Flood Time (hrs)	Maximum Flood Rate (cfs)	Max.Flood Day-Time (day-time)
442	☐	SWMH-H7-075	1.74	58.71	Flow Link Cro	5.76	0 - 00:03 hrs	0.00	21.24	0.00	0.97	844.86	0.00	0.00	0.00	0.00	0.00	0.00	0 - 00:00 hrs
443	☐	SWMH-H7-076	1.54	59.10	Flow Link Cro	4.03	0 - 10:00 hrs	0.00	17.16	0.00	0.76	108.13	0.00	0.00	0.00	0.00	0.00	0.00	0 - 00:00 hrs
444	☐	SWMH-H7-077	0.71	59.00	Flow Link Cro	4.74	0 - 09:59 hrs	4.84	4.84	0.18	0.18	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0 - 00:00 hrs
445	☐	SWMH-H7-083	2.11	62.71	Flow Link Cro	7.79	0 - 09:59 hrs	0.00	18.42	0.00	0.76	4.16	0.00	0.00	0.00	0.00	0.00	0.00	0 - 00:00 hrs
446	☐	SWMH-H7-084	2.78	63.74	w Maximum D	7.67	0 - 09:57 hrs	18.42	18.42	0.76	0.76	0.00	0.36	0.78	7.67	0.00	0.00	0.00	0 - 00:00 hrs
447	☐	SWMH-H8-001	2.26	66.00	Flow Link Cro	16.00	0 - 10:00 hrs	20.73	97.86	0.87	5.36	76.48	0.00	0.00	0.00	0.00	0.00	0.00	0 - 00:00 hrs
448	☐	SWMH-H8-002	2.04	81.65	Flow Link Cro	10.38	0 - 10:02 hrs	0.00	52.73	0.00	3.51	97.81	0.00	0.00	0.00	0.00	0.00	0.00	0 - 00:00 hrs
449	☐	SWMH-H8-003	4.19	84.11	w Maximum D	7.61	0 - 09:53 hrs	0.00	52.67	0.00	3.51	9.97	0.49	1.34	7.61	0.00	0.00	0.00	0 - 00:00 hrs
450	☐	SWMH-H8-004	6.07	87.46	w Maximum D	6.35	0 - 09:53 hrs	4.35	52.68	0.14	3.51	134.49	0.62	2.85	6.35	0.00	0.00	0.00	0 - 00:00 hrs
451	☐	SWMH-H8-005	9.45	97.06	w Maximum D	2.95	0 - 09:53 hrs	4.79	41.46	0.16	3.13	-11.50	0.99	7.16	2.95	0.00	0.00	0.00	0 - 00:00 hrs
452	☐	SWMH-H8-006	10.70	102.01	Surcharged	0.00	0 - 09:53 hrs	5.99	37.74	0.20	2.97	78.68	0.70	8.45	0.00	0.00	0.00	4.68	0 - 09:53 hrs
453	☐	SWMH-H8-007	10.25	103.82	w Maximum D	0.00	0 - 09:53 hrs	8.03	33.90	0.28	2.77	130.66	1.03	8.00	0.00	0.00	0.00	0.02	0 - 09:53 hrs
454	☐	SWMH-H8-008	9.92	104.47	w Maximum D	0.53	0 - 09:53 hrs	0.00	29.20	0.00	2.49	58.75	1.19	7.67	0.53	0.00	0.00	0.00	0 - 00:00 hrs
455	☐	SWMH-H8-009	10.30	107.04	w Maximum D	0.00	0 - 09:53 hrs	14.71	29.20	0.60	2.49	164.42	1.55	8.15	0.00	0.00	0.00	0.87	0 - 09:53 hrs
456	☐	SWMH-H8-010	9.00	107.56	w Maximum D	0.00	0 - 09:52 hrs	0.00	22.48	0.00	1.91	24.50	1.23	6.10	0.00	0.00	0.00	4.94	0 - 09:52 hrs
457	☐	SWMH-H8-011	10.00	96.91	w Maximum D	0.00	0 - 09:56 hrs	34.23	67.01	1.51	4.59	150.68	0.64	7.40	0.00	0.00	0.00	6.51	0 - 09:56 hrs
458	☐	SWMH-H8-013	9.66	99.70	w Maximum D	0.64	0 - 09:56 hrs	4.04	36.76	0.14	2.75	199.46	1.47	7.40	0.64	0.00	0.00	0.00	0 - 00:00 hrs
459	☐	SWMH-H8-014	8.25	99.93	Surcharged	0.00	0 - 09:52 hrs	0.00	41.65	0.00	2.73	63.44	1.30	6.10	0.00	0.11	0.33	20.30	0 - 09:59 hrs
460	☐	SWMH-H8-015	9.65	105.73	Surcharged	0.00	0 - 09:52 hrs	21.93	44.88	0.91	2.73	44.70	1.04	7.38	0.00	0.00	0.14	4.64	0 - 09:52 hrs
461	☐	SWMH-H8-023	1.66	77.09	Flow Link Cro	8.39	0 - 09:59 hrs	20.46	78.99	0.82	4.49	37.81	0.00	0.00	0.00	0.00	0.00	0.00	0 - 00:00 hrs
462	☐	SWMH-H8-024	0.73	85.74	Flow Link Cro	8.17	0 - 09:59 hrs	5.45	5.45	0.16	0.16	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0 - 00:00 hrs
463	☐	SWMH-H8-026	0.80	96.52	Flow Link Cro	8.50	0 - 09:59 hrs	7.23	7.23	0.25	0.25	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0 - 00:00 hrs
464	☐	SWMH-H8-027	0.89	90.12	Flow Link Cro	8.51	0 - 09:59 hrs	0.00	7.08	0.00	0.25	10.85	0.00	0.00	0.00	0.00	0.00	0.00	0 - 00:00 hrs
465	☐	SWMH-H8-028	8.09	92.62	w Maximum D	5.11	0 - 09:53 hrs	0.00	41.47	0.00	3.13	50.87	1.10	5.84	5.11	0.00	0.00	0.00	0 - 00:00 hrs
466	☐	SWMH-H8-035	0.00	77.18	Flow Link Inve	7.90	0 - 00:00 hrs	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0 - 00:00 hrs
467	☐	SWMH-H8-062	3.51	61.31	Flow Link Cro	8.09	0 - 10:03 hrs	0.00	130.86	0.00	12.31	151.94	0.00	0.00	0.00	0.00	0.00	0.00	0 - 00:00 hrs
468	☐	SWMH-H8-063	4.65	64.92	Flow Link Cro	6.55	0 - 10:02 hrs	0.00	132.74	0.00	12.32	197.00	0.00	0.00	0.00	0.00	0.00	0.00	0 - 00:00 hrs
469	☐	SWMH-H8-064	3.97	62.79	Flow Link Cro	4.33	0 - 10:03 hrs	0.00	131.19	0.00	12.32	469.91	0.00	0.00	0.00	0.00	0.00	0.00	0 - 00:00 hrs
470	☐	SWMH-H8-065	0.80	78.20	Flow Link Cro	7.10	0 - 09:59 hrs	0.00	5.19	0.00	0.16	3.13	0.00	0.00	0.00	0.00	0.00	0.00	0 - 00:00 hrs
471	☐	SWMH-H8-067	9.30	96.92	w Maximum D	0.00	0 - 09:56 hrs	0.00	36.75	0.00	2.75	48.92	0.70	6.63	0.00	0.00	0.00	0.00	0 - 00:00 hrs
472	☐	SWMH-H9-001	1.92	93.91	Flow Link Cro	14.28	0 - 09:59 hrs	0.00	37.77	0.00	1.57	765.07	0.00	0.00	0.00	0.00	0.00	0.00	0 - 00:00 hrs
473	☐	SWMH-H9-002	1.80	93.55	Flow Link Cro	15.06	0 - 09:59 hrs	0.00	37.21	0.00	1.57	-549.70	0.00	0.00	0.00	0.00	0.00	0.00	0 - 00:00 hrs
474	☐	SWMH-H9-003	8.25	86.49	w Maximum D	0.00	0 - 09:56 hrs	0.00	65.32	0.00	4.59	38.28	0.53	5.35	0.00	0.00	0.00	3.83	0 - 09:56 hrs
475	☐	SWMH-H9-005	6.64	112.00	w Maximum D	1.38	0 - 09:56 hrs	0.00	37.73	0.00	1.57	65.03	0.43	4.64	1.38	0.00	0.00	0.00	0 - 00:00 hrs
476	☐	SWMH-H9-006	4.98	109.12	w Maximum D	2.92	0 - 09:59 hrs	0.00	37.75	0.00	1.57	4.49	0.48	2.78	2.92	0.00	0.00	0.00	0 - 00:00 hrs
477	☐	SWMH-H9-007	4.85	77.32	w Maximum D	4.45	0 - 09:56 hrs	0.00	65.33	0.00	4.59	79.66	0.62	2.35	4.45	0.00	0.00	0.00	0 - 00:00 hrs
478	☐	SWMH-I2-001	11.00	42.94	Surcharged	0.00	0 - 00:00 hrs	32.18	317.96	1.54	28.96	7,953.22	1.91	5.00	0.00	0.01	0.00	192.83	0 - 00:00 hrs
479	☐	SWMH-I2-002	10.01	43.65	w Maximum D	3.49	0 - 10:03 hrs	40.50	287.68	1.96	27.39	7,447.02	0.68	4.01	3.49	0.00	0.00	0.00	0 - 00:00 hrs
480	☐	SWMH-I2-003	10.85	42.24	Surcharged	0.00	0 - 00:01 hrs	11.33	453.45	0.46	53.60	19,291.96	3.31	3.85	0.00	0.02	0.00	387.16	0 - 00:01 hrs
481	☐	SWMH-I3-002	6.07	42.44	w Maximum D	1.29	0 - 10:02 hrs	0.00	9.59	0.00	0.03	-63.91	0.44	3.56	1.29	0.00	0.00	0.00	0 - 00:00 hrs
482	☐	SWMH-I3-003	6.92	44.86	w Maximum D	0.58	0 - 10:02 hrs	0.00	9.53	0.00	0.01	-1.73	0.02	4.42	0.58	0.00	0.00	0.00	0 - 00:00 hrs
483	☐	SWMH-I3-004	0.00	48.44	Flow Link Inve	11.56	0 - 00:00 hrs	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0 - 00:00 hrs
484	☐	SWMH-I3-010	10.83	44.42	w Maximum D	5.85	0 - 10:00 hrs	26.16	106.06	1.08	4.99	474.84	0.65	5.22	5.85	0.00	0.00	0.00	0 - 00:00 hrs
485	☐	SWMH-I4-001	1.34	69.98	Flow Link Cro	4.86	0 - 09:59 hrs	0.00	35.31	0.00	3.62	133.65	0.00	0.00	0.00	0.00	0.00	0.00	0 - 00:00 hrs
486	☐	SWMH-I4-002	6.24	76.27	w Maximum D	0.78	0 - 09:51 hrs	0.00	35.30	0.00	3.62	491.41	2.16	3.74	0.78	0.00	0.00	0.00	0 - 00:00 hrs
487	☐	SWMH-I4-003	7.02	77.92	w Maximum D	0.03	0 - 09:59 hrs	25.05	36.50	1.19	3.64	314.08	2.26	4.52	0.03	0.00	0.00	0.00	0 - 00:00 hrs
488	☐	SWMH-I4-004	6.35	77.71	w Maximum D	0.00	0 - 09:52 hrs	0.00	1.25	0.00	0.01	0.00	2.31	4.35	0.00	0.00	0.14	1.24	0 - 10:03 hrs
489	☐	SWMH-I4-005	8.20	41.75	w Maximum D	2.06	0 - 10:00 hrs	47.82	202.72	2.42	10.53	2,271.68	0.35	2.53	2.06	0.00	0.00	0.00	0 - 00:00 hrs
490	☐	SWMH-I4-007	12.38	51.58	w Maximum D	3.34	0 - 09:59 hrs	0.00	82.18	0.00	3.90	74.22	0.49	8.56	3.34	0.00	0.00	0.00	0 - 00:00 hrs

FUTURE CONDITIONS 5-YR 24-HR CLIMATE CHANGE JUNCTIONS

		ID	Maximum Depth (ft)	Maximum HGL (ft)	Maximum HGL Head Class	Freeboard (ft)	Max.Depth Day-Time (day-time)	Maximum Lateral Inflow (cfs)	Maximum Total Inflow (cfs)	Lateral Inflow Volume (MG)	Total Inflow Volume (MG)	Flow Volume Difference (MG)	Total Surcharge Time (hrs)	Max.Surchar ge Height Above Crown	Min.Surchar ge Depth Below Rim (ft)	Total Flood Volume (MG)	Total Flood Time (hrs)	Maximum Flood Rate (cfs)	Max.Flood Day-Time (day-time)
491	☐	SWMH-I4-008	11.32	53.49	Surcharged	0.00	0 - 10:00 hrs	0.00	82.17	0.00	3.89	-292.53	0.26	7.50	0.00	0.00	0.00	10.21	0 - 10:00 hrs
492	☐	SWMH-I4-010	3.17	53.93	Flow Link Croy	12.23	0 - 10:04 hrs	17.40	83.20	0.67	3.90	872.77	0.00	0.00	0.00	0.00	0.00	0.00	0 - 00:00 hrs
493	☐	SWMH-I4-011	1.56	60.89	Flow Link Croy	6.11	0 - 10:03 hrs	17.88	42.40	0.78	2.01	-29.91	0.00	0.00	0.00	0.00	0.00	0.00	0 - 00:00 hrs
494	☐	SWMH-I4-012	10.12	44.36	w Maximum D	5.08	0 - 09:57 hrs	0.00	154.92	0.00	8.07	1,499.65	0.60	5.12	5.08	0.00	0.00	0.00	0 - 00:00 hrs
495	☐	SWMH-I4-013	9.74	44.07	w Maximum D	6.61	0 - 09:57 hrs	0.00	106.10	0.00	5.00	692.48	0.61	4.74	6.61	0.00	0.00	0.00	0 - 00:00 hrs
496	☐	SWMH-I4-014	13.60	50.07	Surcharged	0.00	0 - 09:56 hrs	17.71	51.03	0.74	3.06	92.62	0.94	11.40	0.00	0.00	0.00	12.24	0 - 09:56 hrs
497	☐	SWMH-I4-015	12.95	63.49	w Maximum D	0.00	0 - 09:56 hrs	44.54	44.54	2.37	2.37	0.00	0.76	10.95	0.00	0.04	0.23	12.58	0 - 10:03 hrs
498	☐	SWMH-I4-019	14.45	61.80	w Maximum D	0.10	0 - 09:56 hrs	0.00	35.65	0.00	2.32	189.10	0.83	12.44	0.10	0.00	0.00	0.00	0 - 00:00 hrs
499	☐	SWMH-I4-023	1.11	60.75	Flow Link Croy	7.25	0 - 10:04 hrs	0.00	25.00	0.00	1.23	38.94	0.00	0.00	0.00	0.00	0.00	0.00	0 - 00:00 hrs
500	☐	SWMH-I5-001	6.45	58.56	w Maximum D	0.00	0 - 09:55 hrs	0.00	81.32	0.00	9.07	131.65	1.33	3.30	0.00	0.00	0.00	10.49	0 - 09:55 hrs
501	☐	SWMH-I5-002	6.06	62.77	w Maximum D	0.00	0 - 09:55 hrs	12.58	84.89	0.53	9.12	544.22	1.18	3.06	0.00	0.05	0.34	13.90	0 - 09:55 hrs
502	☐	SWMH-I5-003	10.60	71.44	Surcharged	0.00	0 - 09:56 hrs	0.00	35.28	0.00	3.62	31.32	0.77	7.80	0.00	0.00	0.00	4.26	0 - 09:56 hrs
503	☐	SWMH-I5-005	5.83	71.95	w Maximum D	0.00	0 - 09:56 hrs	0.00	45.03	0.00	4.98	233.89	1.52	3.33	0.00	0.00	0.00	0.01	0 - 09:56 hrs
504	☐	SWMH-I5-006	5.40	74.12	Surcharged	0.00	0 - 09:55 hrs	18.45	45.85	0.80	5.03	583.91	1.50	2.90	0.00	0.05	0.33	8.82	0 - 09:59 hrs
505	☐	SWMH-I5-007	5.72	77.63	Surcharged	0.00	0 - 09:55 hrs	0.00	37.08	0.00	4.23	45.77	1.46	2.88	0.00	0.00	0.00	1.78	0 - 09:55 hrs
506	☐	SWMH-I5-008	5.30	78.08	Surcharged	0.00	0 - 09:55 hrs	0.00	37.08	0.00	4.23	236.72	2.08	2.80	0.00	0.00	0.00	0.07	0 - 09:55 hrs
507	☐	SWMH-I5-009	9.10	50.43	w Maximum D	0.00	0 - 00:03 hrs	0.00	48.42	0.00	3.64	1,943.00	2.57	6.55	0.00	0.00	0.00	10.46	0 - 00:03 hrs
508	☐	SWMH-I5-010	1.47	68.65	Flow Link Croy	11.43	0 - 10:00 hrs	0.00	48.72	0.00	3.61	170.18	0.00	0.00	0.00	0.00	0.00	0.00	0 - 00:00 hrs
509	☐	SWMH-I5-011	7.98	76.17	w Maximum D	5.77	0 - 09:56 hrs	0.00	48.69	0.00	3.61	85.78	1.70	5.33	5.77	0.00	0.00	0.00	0 - 00:00 hrs
510	☐	SWMH-I5-012	13.40	83.66	w Maximum D	0.00	0 - 09:56 hrs	20.10	54.15	0.81	3.61	233.58	0.60	7.45	0.00	0.00	0.00	10.76	0 - 09:56 hrs
511	☐	SWMH-I5-013	5.65	76.72	Surcharged	0.00	0 - 09:55 hrs	0.00	36.96	0.00	4.22	-164.76	1.41	3.15	0.00	0.00	0.00	0.71	0 - 09:55 hrs
512	☐	SWMH-I8-001	8.66	91.76	w Maximum D	1.14	0 - 10:03 hrs	11.78	109.56	0.45	8.82	-76.74	0.52	4.61	1.14	0.00	0.00	0.00	0 - 00:00 hrs
513	☐	SWMH-I8-002	8.94	97.19	w Maximum D	1.41	0 - 10:04 hrs	13.09	86.71	0.52	7.38	539.87	0.21	4.19	1.41	0.00	0.00	0.00	0 - 00:00 hrs
514	☐	SWMH-I8-003	8.16	98.94	w Maximum D	5.89	0 - 10:06 hrs	19.70	74.88	0.85	6.87	548.79	0.04	4.16	5.89	0.00	0.00	0.00	0 - 00:00 hrs
515	☐	SWMH-I8-004	2.65	96.26	Flow Link Croy	11.12	0 - 10:07 hrs	0.00	57.05	0.00	6.03	416.16	0.00	0.00	0.00	0.00	0.00	0.00	0 - 00:00 hrs
516	☐	SWMH-I8-005	0.78	97.63	Flow Link Croy	8.34	0 - 09:59 hrs	0.00	12.66	0.00	0.54	5.81	0.00	0.00	0.00	0.00	0.00	0.00	0 - 00:00 hrs
517	☐	SWMH-I8-006	8.85	58.19	Surcharged	0.00	0 - 00:00 hrs	0.00	50.70	0.00	1.25	1,401.00	47.98	5.85	0.00	0.00	0.00	36.23	0 - 00:00 hrs
518	☐	SWMH-I8-007	1.03	93.47	Flow Link Croy	6.67	0 - 09:59 hrs	2.46	27.31	0.08	1.25	36.32	0.00	0.00	0.00	0.00	0.00	0.00	0 - 00:00 hrs
519	☐	SWMH-I8-008	7.50	102.14	w Maximum D	0.00	0 - 09:56 hrs	8.44	24.86	0.31	1.17	45.64	0.50	5.40	0.00	0.00	0.00	2.53	0 - 09:56 hrs
520	☐	SWMH-I8-009	5.90	103.36	w Maximum D	2.50	0 - 09:56 hrs	0.00	17.52	0.00	0.86	99.50	0.33	3.90	2.50	0.00	0.00	0.00	0 - 00:00 hrs
521	☐	SWMH-I8-010	8.15	107.23	Surcharged	0.00	0 - 09:56 hrs	0.00	17.52	0.00	0.86	11.90	0.81	6.15	0.00	0.00	0.00	0.13	0 - 09:56 hrs
522	☐	SWMH-I8-011	6.81	107.12	Surcharged	0.00	0 - 09:56 hrs	20.42	20.42	0.87	0.87	0.00	0.70	5.31	0.00	0.01	0.15	3.99	0 - 09:59 hrs
523	☐	SWMH-I8-013	2.05	87.08	Flow Link Croy	11.15	0 - 09:59 hrs	5.03	129.58	0.17	12.18	216.08	0.00	0.00	0.00	0.00	0.00	0.00	0 - 00:00 hrs
524	☐	SWMH-I8-014	2.46	98.86	Flow Link Croy	13.14	0 - 10:04 hrs	0.00	117.31	0.00	11.71	677.18	0.00	0.00	0.00	0.00	0.00	0.00	0 - 00:00 hrs
525	☐	SWMH-I8-015	2.50	108.68	Flow Link Croy	6.95	0 - 09:59 hrs	0.00	117.52	0.00	11.71	221.09	0.00	0.00	0.00	0.00	0.00	0.00	0 - 00:00 hrs
526	☐	SWMH-I8-016	6.73	114.03	w Maximum D	3.62	0 - 09:59 hrs	14.18	99.92	0.54	10.88	1,199.76	2.22	3.13	3.62	0.00	0.00	0.00	0 - 00:00 hrs
527	☐	SWMH-I8-017	8.77	117.06	w Maximum D	2.48	0 - 09:59 hrs	13.77	85.73	0.53	10.34	1,076.86	2.47	5.17	2.48	0.00	0.00	0.00	0 - 00:00 hrs
528	☐	SWMH-I8-018	0.59	90.62	Flow Link Croy	7.61	0 - 09:59 hrs	0.00	4.47	0.00	0.15	4.61	0.00	0.00	0.00	0.00	0.00	0.00	0 - 00:00 hrs
529	☐	SWMH-I8-019	2.76	113.20	w Maximum D	5.24	0 - 10:03 hrs	0.00	20.76	0.00	0.85	62.47	0.05	0.46	5.24	0.00	0.00	0.00	0 - 00:00 hrs
530	☐	SWMH-I8-020	10.01	99.71	w Maximum D	0.99	0 - 10:04 hrs	0.00	75.97	0.00	6.87	249.11	0.12	5.91	0.99	0.00	0.00	0.00	0 - 00:00 hrs
531	☐	SWMH-I8-024	7.15	109.16	Surcharged	0.00	0 - 09:53 hrs	13.73	13.73	0.54	0.54	0.00	0.64	5.65	0.00	0.00	0.03	1.06	0 - 09:59 hrs
532	☐	SWMH-I8-036	0.52	91.20	Flow Link Croy	7.78	0 - 09:59 hrs	4.61	4.61	0.15	0.15	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0 - 00:00 hrs
533	☐	SWMH-I8-041	1.92	74.32	Flow Link Croy	10.13	0 - 09:59 hrs	3.80	132.77	0.14	12.32	252.61	0.00	0.00	0.00	0.00	0.00	0.00	0 - 00:00 hrs
534	☐	SWMH-I9-001	17.28	134.78	Surcharged	-5.00	0 - 09:52 hrs	22.83	34.29	0.97	4.38	186.49	1.62	14.78	0.00	0.00	0.00	4.69	0 - 09:52 hrs
535	☐	SWMH-I9-002	7.68	115.67	Surcharged	0.00	0 - 09:56 hrs	15.06	37.71	0.60	1.57	-21.59	0.37	5.68	0.00	0.00	0.00	2.13	0 - 09:56 hrs
536	☐	SWMH-I9-003	7.88	118.49	w Maximum D	0.00	0 - 09:57 hrs	22.66	22.66	0.97	0.97	0.00	0.29	5.88	0.00	0.00	0.00	2.68	0 - 09:57 hrs
537	☐	SWMH-I9-008	2.91	114.34	w Maximum D	5.54	0 - 10:03 hrs	20.69	20.69	0.85	0.85	0.00	0.27	0.91	5.54	0.00	0.00	0.00	0 - 00:00 hrs
538	☐	SWMH-J2-001	6.51	39.55	w Maximum D	4.45	0 - 09:59 hrs	0.00	130.34	0.00	7.29	8,032.85	0.22	0.51	4.45	0.00	0.00	0.00	0 - 00:00 hrs
539	☐	SWMH-J2-002	6.36	40.26	w Maximum D	0.76	0 - 10:00 hrs	0.00	46.87	0.00	3.06	2,199.30	40.31	2.86	0.76	0.00	0.00	0.00	0 - 00:00 hrs

FUTURE CONDITIONS 5-YR 24-HR CLIMATE CHANGE JUNCTIONS

		ID	Maximum Depth (ft)	Maximum HGL (ft)	Maximum HGL Head Class	Freeboard (ft)	Max.Depth Day-Time (day-time)	Maximum Lateral Inflow (cfs)	Maximum Total Inflow (cfs)	Lateral Inflow Volume (MG)	Total Inflow Volume (MG)	Flow Volume Difference (MG)	Total Surcharge Time (hrs)	Max.Surchar ge Height Above Crown	Min.Surchar ge Depth Below Rim (ft)	Total Flood Volume (MG)	Total Flood Time (hrs)	Maximum Flood Rate (cfs)	Max.Flood Day-Time (day-time)
540	☐	SWMH-J2-003	6.44	40.36	w Maximum	1.74	0 - 09:51 hrs	0.00	46.88	0.00	3.09	2,967.73	40.27	2.94	1.74	0.00	0.00	0.00	0 - 00:00 hrs
541	☐	SWMH-J2-004	6.07	41.06	w Maximum	2.43	0 - 09:51 hrs	10.72	32.05	0.42	2.18	2,972.70	39.57	2.82	2.43	0.00	0.00	0.00	0 - 00:00 hrs
542	☐	SWMH-J2-005	5.66	41.99	w Maximum	2.64	0 - 09:51 hrs	0.00	22.01	0.00	1.77	2,062.80	2.28	3.04	2.64	0.00	0.00	0.00	0 - 00:00 hrs
543	☐	SWMH-J2-007	6.65	45.45	Surcharged	0.00	0 - 09:51 hrs	36.44	36.44	1.75	1.75	0.00	1.60	4.55	0.00	0.10	0.39	18.60	0 - 09:59 hrs
544	☐	SWMH-J2-008	6.07	40.64	w Maximum	2.83	0 - 09:55 hrs	0.00	83.83	0.00	4.28	2,871.02	1.07	1.92	2.83	0.00	0.00	0.00	0 - 00:00 hrs
545	☐	SWMH-J2-009	6.47	42.01	w Maximum	1.88	0 - 09:55 hrs	0.00	83.74	0.00	4.27	2,911.98	0.54	2.72	1.88	0.00	0.00	0.00	0 - 00:00 hrs
546	☐	SWMH-J2-010	6.19	40.53	w Maximum	0.26	0 - 09:51 hrs	0.00	16.51	0.00	0.93	920.73	40.36	3.18	0.26	0.00	0.00	0.00	0 - 00:00 hrs
547	☐	SWMH-J2-011	6.05	40.95	w Maximum	0.00	0 - 09:51 hrs	21.15	21.15	0.95	0.95	348.76	40.75	4.02	0.00	0.02	0.21	6.71	0 - 09:59 hrs
548	☐	SWMH-J2-012	5.80	43.38	w Maximum	0.00	0 - 09:51 hrs	3.97	22.01	0.14	1.78	815.30	1.43	3.30	0.00	0.00	0.02	2.46	0 - 09:51 hrs
549	☐	SWMH-J2-016	7.48	39.15	w Maximum	2.63	0 - 09:56 hrs	5.44	136.26	0.19	7.39	9,465.81	40.06	1.48	2.63	0.00	0.00	0.00	0 - 00:00 hrs
550	☐	SWMH-J2-066	6.50	44.39	w Maximum	0.00	0 - 09:51 hrs	0.00	20.66	0.00	1.64	189.52	1.28	4.00	0.00	0.00	0.00	3.64	0 - 09:51 hrs
551	☐	SWMH-J3-001	6.37	42.96	w Maximum	0.38	0 - 09:57 hrs	10.10	46.22	0.39	2.59	2,200.33	0.92	3.36	0.38	0.00	0.00	0.00	0 - 00:00 hrs
552	☐	SWMH-J3-002	6.98	44.20	w Maximum	0.00	0 - 09:55 hrs	0.00	36.26	0.00	2.20	1,064.08	0.88	3.98	0.00	0.00	0.00	1.47	0 - 09:55 hrs
553	☐	SWMH-J3-003	7.40	44.95	w Maximum	0.00	0 - 09:55 hrs	25.11	36.50	1.11	2.21	892.80	0.90	4.40	0.00	0.00	0.01	8.88	0 - 09:55 hrs
554	☐	SWMH-J3-004	7.55	47.21	Surcharged	0.00	0 - 09:57 hrs	0.00	13.50	0.00	1.10	78.30	0.37	4.55	0.00	0.00	0.00	8.15	0 - 09:57 hrs
555	☐	SWMH-J3-005	6.58	48.72	Surcharged	0.00	0 - 09:57 hrs	0.00	12.21	0.00	1.10	52.62	0.28	4.58	0.00	0.00	0.00	4.29	0 - 09:57 hrs
556	☐	SWMH-J3-006	6.33	59.68	Surcharged	0.00	0 - 09:52 hrs	25.38	25.38	1.18	1.18	0.00	1.20	5.08	0.00	0.09	0.49	13.98	0 - 09:59 hrs
557	☐	SWMH-J3-007	6.26	42.87	w Maximum	1.82	0 - 09:55 hrs	0.00	37.82	0.00	1.68	1,041.07	0.57	3.26	1.82	0.00	0.00	0.00	0 - 00:00 hrs
558	☐	SWMH-J3-008	7.20	45.23	Surcharged	0.00	0 - 09:55 hrs	17.69	37.80	0.78	1.68	177.27	0.50	4.60	0.00	0.00	0.00	3.88	0 - 09:55 hrs
559	☐	SWMH-J3-009	6.70	46.06	w Maximum	0.00	0 - 09:56 hrs	20.11	20.11	0.90	0.90	0.00	0.34	4.20	0.00	0.00	0.00	2.32	0 - 09:56 hrs
560	☐	SWMH-J3-010	7.13	47.89	w Maximum	2.42	0 - 09:57 hrs	0.00	37.92	0.00	1.76	66.65	0.78	4.43	2.42	0.00	0.00	0.00	0 - 00:00 hrs
561	☐	SWMH-J3-011	7.91	48.67	w Maximum	1.79	0 - 09:59 hrs	18.42	37.95	0.77	1.76	66.05	0.77	4.99	1.79	0.00	0.00	0.00	0 - 00:00 hrs
562	☐	SWMH-J3-012	7.70	48.93	w Maximum	2.15	0 - 09:59 hrs	5.29	20.31	0.18	0.99	53.63	0.80	5.20	2.15	0.00	0.00	0.00	0 - 00:00 hrs
563	☐	SWMH-J3-013	7.98	49.82	w Maximum	2.17	0 - 09:59 hrs	0.00	16.31	0.00	0.80	-67.40	0.83	5.74	2.17	0.00	0.00	0.00	0 - 00:00 hrs
564	☐	SWMH-J3-014	7.90	51.12	w Maximum	0.00	0 - 09:53 hrs	19.19	19.19	0.81	0.81	0.00	0.66	5.90	0.00	0.01	0.17	4.95	0 - 09:59 hrs
565	☐	SWMH-J4-001	10.60	47.08	w Maximum	0.00	0 - 00:02 hrs	0.00	169.93	0.00	13.60	20,526.13	47.91	5.60	0.00	0.01	0.00	119.20	0 - 00:02 hrs
566	☐	SWMH-J4-002	3.61	42.95	Flow Link Cro	3.46	0 - 00:11 hrs	0.00	25.69	0.00	2.33	9,219.00	0.00	0.00	0.00	0.00	0.00	0.00	0 - 00:00 hrs
567	☐	SWMH-J4-004	5.04	44.96	w Maximum	1.04	0 - 00:09 hrs	0.00	11.84	0.00	2.24	1,640.52	47.43	2.54	1.04	0.00	0.00	0.00	0 - 00:00 hrs
568	☐	SWMH-J4-005	4.26	44.74	Surcharged	0.00	0 - 00:09 hrs	0.00	16.35	0.00	2.38	715.87	46.08	2.26	0.00	0.16	1.64	4.53	0 - 09:53 hrs
569	☐	SWMH-J4-007	6.15	48.30	w Maximum	6.70	0 - 10:00 hrs	0.00	34.57	0.00	1.61	49.90	0.20	4.15	6.70	0.00	0.00	0.00	0 - 00:00 hrs
570	☐	SWMH-J4-013	6.16	49.36	w Maximum	0.74	0 - 10:02 hrs	0.00	16.35	0.00	2.37	12.02	5.19	4.66	0.74	0.00	0.00	0.00	0 - 00:00 hrs
571	☐	SWMH-J4-014	4.55	50.26	w Maximum	0.00	0 - 09:45 hrs	51.99	51.99	2.73	2.73	0.00	3.31	3.05	0.00	0.36	1.04	35.63	0 - 10:03 hrs
572	☐	SWMH-J5-001	9.50	47.69	Surcharged	0.00	0 - 00:05 hrs	24.06	122.77	1.54	13.37	8,703.17	4.55	4.50	0.00	0.00	0.00	19.54	0 - 00:05 hrs
573	☐	SWMH-J5-002	7.35	50.31	Surcharged	0.00	0 - 09:52 hrs	35.53	110.39	1.69	10.76	562.80	1.52	3.35	0.00	0.00	0.00	9.14	0 - 09:52 hrs
574	☐	SWMH-J5-003	8.55	47.76	w Maximum	0.00	0 - 09:52 hrs	0.00	110.37	0.00	10.81	1,488.98	2.04	2.38	0.00	0.16	0.41	26.02	0 - 10:03 hrs
575	☐	SWMH-J5-004	6.55	49.77	Surcharged	0.00	0 - 09:51 hrs	23.62	23.62	1.04	1.05	0.00	2.03	4.55	0.00	0.00	0.18	2.30	0 - 09:59 hrs
576	☐	SWMH-J5-005	6.65	49.58	w Maximum	0.00	0 - 09:51 hrs	0.00	21.92	0.00	1.04	-122.81	2.20	4.65	0.00	0.04	0.31	7.58	0 - 10:03 hrs
577	☐	SWMH-J7-001	8.05	67.40	w Maximum	0.00	0 - 09:57 hrs	14.89	168.49	0.50	14.30	1,564.16	0.67	3.55	0.00	0.00	0.00	20.58	0 - 09:57 hrs
578	☐	SWMH-J7-002	10.40	78.17	Surcharged	0.00	0 - 09:56 hrs	59.11	93.62	3.04	6.63	33.84	0.90	3.29	0.00	0.00	0.04	12.89	0 - 09:56 hrs
579	☐	SWMH-J7-003	6.98	83.45	w Maximum	0.00	0 - 09:55 hrs	0.00	50.09	0.00	3.71	191.54	1.45	4.65	0.00	0.12	0.42	15.56	0 - 09:59 hrs
580	☐	SWMH-J7-005	6.75	44.32	Surcharged	0.00	0 - 00:00 hrs	0.00	124.87	0.00	9.88	2,709.97	47.97	2.70	0.00	0.25	0.42	89.33	0 - 00:00 hrs
581	☐	SWMH-J7-006	2.24	57.85	Flow Link Cro	13.91	0 - 10:03 hrs	0.00	125.85	0.00	9.86	258.24	0.00	0.00	0.00	0.00	0.00	0.00	0 - 00:00 hrs
582	☐	SWMH-J7-007	2.22	64.40	Flow Link Cro	15.83	0 - 10:03 hrs	16.63	126.02	0.62	9.86	85.60	0.00	0.00	0.00	0.00	0.00	0.00	0 - 00:00 hrs
583	☐	SWMH-J7-008	9.40	75.95	w Maximum	9.56	0 - 10:03 hrs	0.00	113.70	0.00	9.23	474.59	0.43	5.90	9.56	0.00	0.00	0.00	0 - 00:00 hrs
584	☐	SWMH-J7-009	9.70	87.18	w Maximum	0.00	0 - 09:59 hrs	11.10	114.20	0.42	9.23	218.20	0.60	6.70	0.00	0.00	0.00	5.09	0 - 09:59 hrs
585	☐	SWMH-J7-014	10.35	77.82	w Maximum	0.00	0 - 09:56 hrs	0.00	93.60	0.00	6.62	430.11	1.20	6.70	0.00	0.13	0.30	27.17	0 - 09:59 hrs
586	☐	SWMH-J7-015	5.45	83.96	w Maximum	0.00	0 - 09:55 hrs	0.00	8.14	0.00	0.00	0.00	1.28	3.95	0.00	0.00	0.00	7.61	0 - 09:55 hrs
587	☐	SWMH-J8-001	9.68	94.88	w Maximum	0.00	0 - 09:56 hrs	0.00	34.00	0.00	2.39	41.96	1.06	7.30	0.00	0.00	0.00	12.98	0 - 09:56 hrs
588	☐	SWMH-J8-002	9.05	95.18	w Maximum	0.00	0 - 09:56 hrs	0.00	34.59	0.00	2.39	154.09	1.07	6.80	0.00	0.00	0.00	1.43	0 - 09:56 hrs

FUTURE CONDITIONS 5-YR 24-HR CLIMATE CHANGE JUNCTIONS

		ID	Maximum Depth (ft)	Maximum HGL (ft)	Maximum HGL Head Class	Freeboard (ft)	Max.Depth Day-Time (day-time)	Maximum Lateral Inflow (cfs)	Maximum Total Inflow (cfs)	Lateral Inflow Volume (MG)	Total Inflow Volume (MG)	Flow Volume Difference (MG)	Total Surcharge Time (hrs)	Max.Surchar ge Height Above Crown	Min.Surchar ge Depth Below Rim (ft)	Total Flood Volume (MG)	Total Flood Time (hrs)	Maximum Flood Rate (cfs)	Max.Flood Day-Time (day-time)
589	☐	SWMH-J8-003	6.80	97.23	w Maximum	0.00	0 - 09:56 hrs	34.15	40.42	1.68	2.44	175.15	1.06	4.55	0.00	0.00	0.01	3.47	0 - 09:56 hrs
590	☐	SWMH-J8-004	5.15	96.60	w Maximum	0.00	0 - 09:55 hrs	20.43	30.64	0.89	0.93	0.00	0.92	2.90	0.00	0.18	0.41	30.62	0 - 09:59 hrs
591	☐	SWMH-J8-005	7.59	97.31	w Maximum	0.26	0 - 09:59 hrs	23.60	37.37	1.09	3.43	40.35	2.13	3.89	0.26	0.00	0.00	0.00	0 - 00:00 hrs
592	☐	SWMH-J8-006	8.20	93.26	Surcharged	0.00	0 - 10:03 hrs	22.69	106.00	1.00	8.38	259.10	0.31	3.62	0.00	0.00	0.00	6.70	0 - 10:03 hrs
593	☐	SWMH-J8-007	2.20	98.14	low Link Cro	7.65	0 - 10:00 hrs	0.00	44.99	0.00	5.49	361.50	0.00	0.00	0.00	0.00	0.00	0.00	0 - 00:00 hrs
594	☐	SWMH-J8-008	2.43	98.65	low Link Cro	8.32	0 - 10:02 hrs	0.00	27.83	0.00	4.74	409.34	0.00	0.00	0.00	0.00	0.00	0.00	0 - 00:00 hrs
595	☐	SWMH-J8-011	1.98	106.27	low Link Cro	5.72	0 - 09:59 hrs	18.49	18.49	0.76	0.76	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0 - 00:00 hrs
596	☐	SWMH-J8-012	7.65	108.00	Surcharged	0.00	0 - 09:45 hrs	10.64	42.82	0.38	2.36	150.10	2.99	5.15	0.00	0.08	0.35	12.39	0 - 09:59 hrs
597	☐	SWMH-J8-013	10.70	112.94	Surcharged	0.00	0 - 09:45 hrs	45.45	45.45	2.02	2.02	0.00	2.48	8.45	0.00	0.05	0.23	13.26	0 - 09:59 hrs
598	☐	SWMH-J8-014	6.20	98.12	Surcharged	0.00	0 - 09:56 hrs	0.00	7.86	0.00	0.00	0.00	0.89	4.45	0.00	0.00	0.01	7.42	0 - 09:56 hrs
599	☐	SWMH-J8-015	5.90	97.07	w Maximum	0.00	0 - 09:56 hrs	0.00	7.82	0.00	0.02	-1.20	1.01	4.15	0.00	0.00	0.03	4.33	0 - 09:56 hrs
600	☐	SWMH-J8-020	1.32	104.57	low Link Cro	5.48	0 - 09:59 hrs	0.00	18.01	0.00	0.76	33.81	0.00	0.00	0.00	0.00	0.00	0.00	0 - 00:00 hrs
601	☐	SWMH-J9-001	10.35	121.21	w Maximum	0.00	0 - 09:52 hrs	0.00	102.34	0.00	9.96	1,151.76	2.43	6.85	0.00	0.14	0.33	30.36	0 - 09:59 hrs
602	☐	SWMH-J9-002	10.40	122.73	Surcharged	0.00	0 - 09:52 hrs	0.00	35.15	0.00	4.07	-71.28	2.13	6.40	0.00	0.00	0.01	20.02	0 - 09:52 hrs
603	☐	SWMH-J9-003	10.72	125.71	Surcharged	-5.00	0 - 09:52 hrs	8.70	32.82	0.31	3.43	601.82	1.87	7.72	0.00	0.00	0.00	28.74	0 - 09:52 hrs
604	☐	SWMH-J9-004	12.14	129.32	Surcharged	-5.00	0 - 09:53 hrs	13.61	34.81	0.52	3.13	152.48	1.51	9.14	0.00	0.00	0.00	22.45	0 - 09:53 hrs
605	☐	SWMH-J9-005	8.00	125.18	Surcharged	0.00	0 - 09:53 hrs	0.00	26.94	0.00	2.73	130.39	2.55	5.60	0.00	0.12	0.55	18.06	0 - 09:53 hrs
606	☐	SWMH-J9-006	7.50	128.36	w Maximum	0.00	0 - 09:51 hrs	16.37	36.06	0.66	2.79	24.70	1.75	5.20	0.00	0.06	0.38	12.01	0 - 09:59 hrs
607	☐	SWMH-J9-007	7.15	129.81	w Maximum	0.00	0 - 09:52 hrs	0.00	19.76	0.00	2.13	-20.62	1.57	4.90	0.00	0.00	0.00	2.53	0 - 09:52 hrs
608	☐	SWMH-J9-008	7.06	135.77	w Maximum	0.59	0 - 09:53 hrs	0.00	22.14	0.00	2.13	49.99	1.23	4.85	0.59	0.00	0.00	0.00	0 - 00:00 hrs
609	☐	SWMH-J9-009	11.23	131.44	Surcharged	0.00	0 - 09:52 hrs	0.00	23.26	0.00	3.40	161.94	1.83	9.23	0.00	0.00	0.00	0.39	0 - 09:52 hrs
610	☐	SWMH-J9-010	8.82	122.84	w Maximum	0.00	0 - 09:52 hrs	0.00	11.63	0.00	0.65	53.92	2.22	6.82	0.00	0.00	0.00	7.15	0 - 09:52 hrs
611	☐	SWMH-J9-011	7.65	130.59	Surcharged	0.00	0 - 09:52 hrs	0.00	13.50	0.00	2.56	9.61	3.40	5.65	0.00	0.04	0.49	3.20	0 - 10:02 hrs
612	☐	SWMH-J9-013	12.53	124.03	Surcharged	-2.78	0 - 09:59 hrs	37.48	70.27	1.52	5.90	168.41	2.76	10.03	0.00	0.00	0.00	0.00	0 - 00:00 hrs
613	☐	SWMH-J9-014	6.80	122.45	Surcharged	0.00	0 - 09:52 hrs	18.64	18.81	0.77	0.77	0.00	1.88	4.80	0.00	0.13	0.51	18.80	0 - 09:59 hrs
614	☐	SWMH-J9-028	7.50	137.15	w Maximum	0.00	0 - 09:52 hrs	0.00	13.50	0.00	2.57	606.94	4.56	5.80	0.00	0.00	0.07	0.06	0 - 09:52 hrs
615	☐	SWMH-J9-029	7.72	135.55	w Maximum	0.33	0 - 09:52 hrs	0.00	13.50	0.00	2.56	-499.73	4.98	6.22	0.33	0.00	0.00	0.00	0 - 00:00 hrs
616	☐	SWMH-J9-030	7.80	133.13	w Maximum	0.27	0 - 09:52 hrs	0.00	13.50	0.00	2.57	103.20	5.06	6.30	0.27	0.00	0.00	0.00	0 - 00:00 hrs
617	☐	SWMH-J9-032	7.60	130.53	w Maximum	0.00	0 - 09:52 hrs	0.00	13.58	0.00	2.53	-2.45	1.79	5.60	0.00	0.01	0.42	1.50	0 - 09:56 hrs
618	☐	SWMH-J9-033	8.05	130.38	Surcharged	0.00	0 - 09:52 hrs	23.10	28.90	0.98	3.50	68.74	1.74	6.05	0.00	0.09	0.36	18.92	0 - 09:59 hrs
619	☐	SWMH-J9-035	6.35	136.15	w Maximum	0.00	0 - 09:49 hrs	40.56	40.56	2.02	2.02	0.00	4.15	4.60	0.00	0.26	0.70	31.07	0 - 09:59 hrs
620	☐	SWMH-J9-036	7.50	138.69	Surcharged	0.00	0 - 09:53 hrs	10.20	10.20	0.38	0.38	0.00	0.77	6.00	0.00	0.00	0.00	2.23	0 - 09:53 hrs
621	☐	SWMH-J9-039	6.96	139.23	Surcharged	0.00	0 - 09:40 hrs	63.24	63.24	3.26	3.26	0.00	4.30	5.46	0.00	0.69	1.72	52.74	0 - 09:59 hrs
622	☐	SWMH-K2-001	14.60	45.00	w Maximum	0.00	0 - 00:00 hrs	0.00	264.14	0.00	7.44	3,419.33	47.98	10.10	0.00	0.00	0.00	132.76	0 - 00:00 hrs
623	☐	SWMH-K2-002	16.20	47.00	w Maximum	0.00	0 - 00:01 hrs	0.00	193.01	0.00	7.44	4,332.09	47.97	11.70	0.00	0.00	0.00	106.17	0 - 00:01 hrs
624	☐	SWMH-K2-004	10.24	41.81	w Maximum	6.06	0 - 00:05 hrs	26.94	108.97	1.34	7.32	0.00	47.84	5.74	6.06	0.00	0.00	0.00	0 - 00:00 hrs
625	☐	SWMH-K2-005	11.31	42.85	w Maximum	6.06	0 - 00:05 hrs	0.00	90.35	0.00	5.95	5,680.13	47.83	6.48	6.06	0.00	0.00	0.00	0 - 00:00 hrs
626	☐	SWMH-K2-006	10.63	42.16	w Maximum	6.79	0 - 10:00 hrs	0.00	87.87	0.00	5.90	5,434.15	47.83	6.13	6.79	0.00	0.00	0.00	0 - 00:00 hrs
627	☐	SWMH-K2-009	5.55	42.29	w Maximum	4.60	0 - 10:00 hrs	0.00	16.88	0.00	2.73	2,065.79	2.04	2.80	4.60	0.00	0.00	0.00	0 - 00:00 hrs
628	☐	SWMH-K2-011	7.33	45.17	w Maximum	3.42	0 - 09:59 hrs	0.00	16.88	0.00	2.71	469.00	5.35	5.30	3.42	0.00	0.00	0.00	0 - 00:00 hrs
629	☐	SWMH-K2-012	10.21	43.86	w Maximum	3.59	0 - 00:07 hrs	16.00	65.97	0.70	3.11	4,356.66	47.70	6.31	3.59	0.00	0.00	0.00	0 - 00:00 hrs
630	☐	SWMH-K2-013	15.95	47.12	w Maximum	0.00	0 - 00:02 hrs	0.00	137.07	0.00	7.41	11,883.06	47.91	11.45	0.00	0.00	0.00	61.36	0 - 00:02 hrs
631	☐	SWMH-K2-016	9.30	42.58	w Maximum	5.50	0 - 10:00 hrs	0.00	67.25	0.00	3.13	3,551.08	47.77	5.55	5.50	0.00	0.00	0.00	0 - 00:00 hrs
632	☐	SWMH-K3-002	2.97	42.47	low Link Cro	7.45	0 - 00:03 hrs	0.00	73.27	0.00	2.71	3,655.85	0.00	0.00	0.00	0.00	0.00	0.00	0 - 00:00 hrs
633	☐	SWMH-K3-003	9.36	47.58	Surcharged	0.00	0 - 09:44 hrs	41.93	53.04	2.17	3.17	381.89	5.52	6.79	0.00	0.47	1.12	38.93	0 - 10:03 hrs
634	☐	SWMH-K3-004	4.29	43.12	w Maximum	4.01	0 - 09:56 hrs	0.00	35.85	0.00	6.46	0.00	3.83	1.79	4.01	0.00	0.00	0.00	0 - 00:00 hrs
635	☐	SWMH-K3-005	6.06	46.41	w Maximum	0.32	0 - 09:56 hrs	17.93	17.93	0.81	1.37	36.35	4.32	3.81	0.32	0.00	0.00	0.00	0 - 00:00 hrs
636	☐	SWMH-K3-006	7.30	47.27	w Maximum	0.45	0 - 10:07 hrs	0.00	21.29	0.00	5.08	218.79	6.42	4.75	0.45	0.00	0.00	0.00	0 - 00:00 hrs
637	☐	SWMH-K3-007	6.87	47.56	w Maximum	0.63	0 - 10:07 hrs	0.00	21.02	0.00	5.08	223.78	5.70	4.36	0.63	0.00	0.00	0.00	0 - 00:00 hrs

FUTURE CONDITIONS 5-YR 24-HR CLIMATE CHANGE JUNCTIONS

		ID	Maximum Depth (ft)	Maximum HGL (ft)	Maximum HGL Head Class	Freeboard (ft)	Max.Depth Day-Time (day-time)	Maximum Lateral Inflow (cfs)	Maximum Total Inflow (cfs)	Lateral Inflow Volume (MG)	Total Inflow Volume (MG)	Flow Volume Difference (MG)	Total Surcharge Time (hrs)	Max.Surchar ge Height Above Crown	Min.Surchar ge Depth Below Rim (ft)	Total Flood Volume (MG)	Total Flood Time (hrs)	Maximum Flood Rate (cfs)	Max.Flood Day-Time (day-time)
638	☐	SWMH-K3-008	1.66	40.96	Flow Link Croy	6.34	0 - 00:02 hrs	0.00	37.92	0.00	1.77	385.01	0.00	0.00	0.00	0.00	0.00	0.00	0 - 00:00 hrs
639	☐	SWMH-K3-009	2.67	41.54	Flow Link Croy	5.78	0 - 09:59 hrs	0.00	37.90	0.00	1.78	734.27	0.00	0.00	0.00	0.00	0.00	0.00	0 - 00:00 hrs
640	☐	SWMH-K3-010	2.74	42.61	Flow Link Croy	4.58	0 - 09:59 hrs	0.00	37.97	0.00	1.76	91.33	0.00	0.00	0.00	0.00	0.00	0.00	0 - 00:00 hrs
641	☐	SWMH-K3-011	6.71	47.16	w Maximum D	3.41	0 - 09:59 hrs	0.00	37.93	0.00	1.76	371.12	0.90	4.03	3.41	0.00	0.00	0.00	0 - 00:00 hrs
642	☐	SWMH-K3-012	5.10	42.03	w Maximum D	3.10	0 - 00:00 hrs	0.00	36.16	0.00	6.46	756.69	2.91	1.60	3.10	0.00	0.00	0.00	0 - 00:00 hrs
643	☐	SWMH-K3-018	6.85	47.44	Surcharged	0.00	0 - 00:01 hrs	13.61	13.61	0.54	0.54	0.00	0.49	4.80	0.00	0.00	0.00	6.90	0 - 00:01 hrs
644	☐	SWMH-K3-019	9.89	46.91	w Maximum D	2.41	0 - 00:00 hrs	0.00	39.63	0.00	0.56	733.34	47.99	7.59	2.41	0.00	0.00	0.00	0 - 00:00 hrs
645	☐	SWMH-K3-020	6.42	46.18	w Maximum D	1.78	0 - 00:01 hrs	0.00	22.63	0.00	0.55	454.57	1.15	4.22	1.78	0.00	0.00	0.00	0 - 00:00 hrs
646	☐	SWMH-K3-022	8.38	47.92	w Maximum D	0.00	0 - 09:48 hrs	23.31	23.31	1.08	1.08	0.00	4.92	6.63	0.00	0.08	0.51	12.19	0 - 10:03 hrs
647	☐	SWMH-K3-024	3.48	43.59	w Maximum D	4.82	0 - 10:03 hrs	0.00	37.94	0.00	1.76	67.84	0.43	0.67	4.82	0.00	0.00	0.00	0 - 00:00 hrs
648	☐	SWMH-K3-025	6.80	47.67	w Maximum D	0.60	0 - 10:07 hrs	0.00	20.92	0.00	5.08	222.79	5.56	4.30	0.60	0.00	0.00	0.00	0 - 00:00 hrs
649	☐	SWMH-K3-091	9.47	45.16	w Maximum D	0.00	0 - 00:01 hrs	0.00	184.08	0.00	2.74	3,308.68	47.96	5.47	0.00	0.02	0.01	167.13	0 - 00:01 hrs
650	☐	SWMH-K4-001	2.99	42.85	Flow Link Croy	14.65	0 - 10:06 hrs	0.00	54.65	0.00	2.68	1,289.36	0.00	0.00	0.00	0.00	0.00	0.00	0 - 00:00 hrs
651	☐	SWMH-K4-002	3.27	43.48	Flow Link Croy	7.93	0 - 10:07 hrs	0.00	54.74	0.00	2.65	594.41	0.00	0.00	0.00	0.00	0.00	0.00	0 - 00:00 hrs
652	☐	SWMH-K4-006	9.46	45.22	w Maximum D	1.24	0 - 10:00 hrs	16.91	75.61	0.70	6.53	803.25	47.93	5.77	1.24	0.00	0.00	0.00	0 - 00:00 hrs
653	☐	SWMH-K4-007	11.20	46.42	Surcharged	0.00	0 - 00:01 hrs	0.00	94.11	0.00	6.56	5,719.90	47.94	7.65	0.00	0.00	0.00	34.17	0 - 00:01 hrs
654	☐	SWMH-K4-008	9.24	45.58	w Maximum D	1.99	0 - 00:02 hrs	0.00	68.57	0.00	5.82	2,922.13	47.90	5.74	1.99	0.00	0.00	0.00	0 - 00:00 hrs
655	☐	SWMH-K4-009	9.08	46.76	w Maximum D	1.37	0 - 00:06 hrs	0.00	44.82	0.00	5.77	2,329.13	47.79	5.58	1.37	0.00	0.00	0.00	0 - 00:00 hrs
656	☐	SWMH-K6-001	14.57	63.75	w Maximum D	6.97	0 - 09:56 hrs	0.00	79.21	0.00	7.10	381.32	1.01	11.57	6.97	0.00	0.00	0.00	0 - 00:00 hrs
657	☐	SWMH-K6-002	18.15	72.32	Surcharged	0.00	0 - 09:56 hrs	0.00	83.48	0.00	7.10	129.08	0.85	15.15	0.00	0.00	0.00	10.08	0 - 09:56 hrs
658	☐	SWMH-K6-011	11.43	58.31	w Maximum D	1.87	0 - 09:56 hrs	14.91	92.02	0.57	7.67	434.52	0.97	8.07	1.87	0.00	0.00	0.00	0 - 00:00 hrs
659	☐	SWMH-K6-013	10.77	53.52	w Maximum D	1.33	0 - 09:57 hrs	0.00	92.01	0.00	7.67	390.77	1.22	7.67	1.33	0.00	0.00	0.00	0 - 00:00 hrs
660	☐	SWMH-K7-001	6.80	84.45	w Maximum D	0.00	0 - 09:52 hrs	0.00	40.63	0.00	4.37	157.31	1.65	4.10	0.00	0.00	0.00	8.38	0 - 09:52 hrs
661	☐	SWMH-K7-003	8.45	71.64	w Maximum D	0.00	0 - 09:59 hrs	0.00	68.52	0.00	5.96	12.40	0.56	5.30	0.00	0.00	0.00	13.21	0 - 09:59 hrs
662	☐	SWMH-K7-004	2.53	76.17	Flow Link Croy	1.83	0 - 10:03 hrs	0.00	69.78	0.00	5.96	259.56	0.00	0.00	0.00	0.00	0.00	0.00	0 - 00:00 hrs
663	☐	SWMH-K7-005	4.50	79.92	w Maximum D	0.00	0 - 09:52 hrs	34.23	70.63	1.60	5.97	169.48	1.69	2.00	0.00	0.01	0.16	6.81	0 - 09:59 hrs
664	☐	SWMH-K7-006	6.50	85.71	w Maximum D	0.00	0 - 09:52 hrs	0.00	31.69	0.00	3.46	181.38	1.74	4.00	0.00	0.00	0.00	0.32	0 - 09:52 hrs
665	☐	SWMH-K7-007	5.23	87.51	Surcharged	0.00	0 - 09:52 hrs	0.00	16.16	0.00	1.52	57.84	1.79	2.98	0.00	0.00	0.01	10.01	0 - 09:52 hrs
666	☐	SWMH-K7-008	5.12	87.96	w Maximum D	0.00	0 - 09:51 hrs	0.00	16.16	0.00	1.58	101.57	1.94	3.12	0.00	0.06	0.75	3.88	0 - 09:52 hrs
667	☐	SWMH-K7-009	5.72	89.21	w Maximum D	0.00	0 - 09:51 hrs	0.00	16.32	0.00	1.61	100.85	1.96	3.72	0.00	0.03	0.63	2.06	0 - 10:12 hrs
668	☐	SWMH-K7-012	8.41	62.00	w Maximum D	0.00	0 - 09:56 hrs	28.64	190.47	1.23	15.52	1,070.13	0.63	3.41	0.00	0.00	0.00	7.24	0 - 09:56 hrs
669	☐	SWMH-K7-013	10.60	89.34	Surcharged	0.00	0 - 09:55 hrs	29.44	53.40	1.32	3.71	123.12	1.33	7.80	0.00	0.00	0.13	6.55	0 - 09:55 hrs
670	☐	SWMH-K7-015	2.00	82.62	Flow Link Croy	3.80	0 - 10:00 hrs	18.61	84.00	0.80	7.31	303.32	0.00	0.00	0.00	0.00	0.00	0.00	0 - 00:00 hrs
671	☐	SWMH-K7-018	4.40	86.15	w Maximum D	0.35	0 - 09:59 hrs	0.00	69.66	0.00	6.51	216.08	0.27	0.90	0.35	0.00	0.00	0.00	0 - 00:00 hrs
672	☐	SWMH-K7-019	3.71	84.88	w Maximum D	1.09	0 - 09:59 hrs	0.00	68.70	0.00	6.51	232.46	0.14	0.21	1.09	0.00	0.00	0.00	0 - 00:00 hrs
673	☐	SWMH-K7-022	5.59	90.48	w Maximum D	0.41	0 - 09:59 hrs	21.08	71.92	0.95	6.51	-70.47	0.58	2.09	0.41	0.00	0.00	0.00	0 - 00:00 hrs
674	☐	SWMH-K7-023	4.75	83.29	Surcharged	0.00	0 - 09:53 hrs	21.56	21.56	0.96	0.96	80.72	1.28	2.00	0.00	0.04	0.30	9.61	0 - 09:59 hrs
675	☐	SWMH-K8-001	6.67	90.76	Surcharged	0.00	0 - 09:51 hrs	33.31	33.31	1.73	1.73	0.00	1.99	4.67	0.00	0.12	0.55	16.99	0 - 09:59 hrs
676	☐	SWMH-K8-002	9.36	103.58	Surcharged	-3.46	0 - 09:52 hrs	23.79	38.70	1.06	5.11	120.60	3.82	6.86	0.00	0.00	0.00	0.00	0 - 00:00 hrs
677	☐	SWMH-K8-003	9.05	103.88	Surcharged	-1.75	0 - 09:52 hrs	0.00	30.01	0.00	4.05	-175.19	3.75	6.54	0.00	0.00	0.00	0.00	0 - 00:00 hrs
678	☐	SWMH-K8-004	8.23	103.73	Surcharged	0.00	0 - 09:52 hrs	0.00	37.41	0.00	4.33	68.75	3.68	5.70	0.00	0.27	0.87	22.50	0 - 09:59 hrs
679	☐	SWMH-K8-005	9.45	106.20	w Maximum D	0.10	0 - 09:52 hrs	0.00	37.41	0.00	4.33	88.81	3.25	6.85	0.10	0.00	0.00	0.00	0 - 00:00 hrs
680	☐	SWMH-K8-006	6.33	94.49	w Maximum D	1.67	0 - 09:56 hrs	0.00	28.42	0.00	3.30	622.98	2.21	3.58	1.67	0.00	0.00	0.00	0 - 00:00 hrs
681	☐	SWMH-K8-008	5.80	97.39	w Maximum D	0.00	0 - 09:52 hrs	0.00	19.59	0.00	2.35	62.23	1.88	3.10	0.00	0.00	0.01	0.32	0 - 09:52 hrs
682	☐	SWMH-K8-009	5.50	97.38	w Maximum D	0.00	0 - 09:52 hrs	19.71	26.66	0.87	2.40	136.32	1.93	3.00	0.00	0.05	0.30	12.92	0 - 09:59 hrs
683	☐	SWMH-K8-010	5.20	97.64	Surcharged	0.00	0 - 09:51 hrs	0.00	14.75	0.00	1.53	87.36	1.88	2.95	0.00	0.00	0.01	8.47	0 - 09:51 hrs
684	☐	SWMH-K8-011	5.00	98.25	w Maximum D	0.00	0 - 09:52 hrs	0.00	15.52	0.00	1.53	11.20	1.75	2.75	0.00	0.00	0.00	8.31	0 - 09:52 hrs
685	☐	SWMH-K8-012	5.25	91.59	w Maximum D	0.00	0 - 09:53 hrs	0.00	29.07	0.00	2.28	432.14	1.12	2.75	0.00	0.00	0.00	4.61	0 - 09:53 hrs
686	☐	SWMH-K8-013	4.93	91.99	w Maximum D	0.00	0 - 09:53 hrs	21.30	31.55	0.97	2.31	122.86	1.20	2.43	0.00	0.03	0.22	7.20	0 - 09:59 hrs

FUTURE CONDITIONS 5-YR 24-HR CLIMATE CHANGE JUNCTIONS

		ID	Maximum Depth (ft)	Maximum HGL (ft)	Maximum HGL Head Class	Freeboard (ft)	Max.Depth Day-Time (day-time)	Maximum Lateral Inflow (cfs)	Maximum Total Inflow (cfs)	Lateral Inflow Volume (MG)	Total Inflow Volume (MG)	Flow Volume Difference (MG)	Total Surcharge Time (hrs)	Max.Surchar ge Height Above Crown	Min.Surchar ge Depth Below Rim	Total Flood Volume (MG)	Total Flood Time (hrs)	Maximum Flood Rate (cfs)	Max.Flood Day-Time (day-time)
687	☐	SWMH-K8-014	4.74	92.29	Surcharged	0.00	0 - 09:53 hrs	0.00	17.65	0.00	1.33	79.15	1.10	2.24	0.00	0.00	0.00	2.71	0 - 09:53 hrs
688	☐	SWMH-K8-015	5.93	104.12	Maximum	1.07	0 - 09:45 hrs	27.38	46.64	1.35	4.93	625.19	4.00	2.88	1.07	0.00	0.00	0.00	0 - 00:00 hrs
689	☐	SWMH-K8-017	6.40	105.21	Surcharged	0.00	0 - 09:49 hrs	39.75	39.75	2.02	2.02	0.00	4.06	3.90	0.00	0.13	0.50	20.48	0 - 09:59 hrs
690	☐	SWMH-K8-018	10.45	107.89	Maximum	0.00	0 - 09:56 hrs	0.00	37.43	0.00	4.33	90.33	3.27	7.90	0.00	0.00	0.04	0.03	0 - 10:03 hrs
691	☐	SWMH-K8-019	4.32	98.35	Maximum	0.00	0 - 09:51 hrs	35.79	35.79	1.82	1.82	0.00	3.09	2.57	0.00	0.29	0.85	28.83	0 - 09:59 hrs
692	☐	SWMH-K8-021	5.75	95.82	Surcharged	0.00	0 - 09:52 hrs	0.00	2.66	0.00	0.00	0.00	1.81	4.25	0.00	0.00	0.00	1.70	0 - 09:52 hrs
693	☐	SWMH-K8-024	4.80	103.78	Maximum	0.00	0 - 09:45 hrs	0.00	48.22	0.00	2.45	-307.04	3.87	2.30	0.00	0.77	1.24	48.21	0 - 09:59 hrs
694	☐	SWMH-K9-001	10.65	108.29	Surcharged	0.00	0 - 09:55 hrs	0.00	37.42	0.00	4.33	-87.60	3.24	8.10	0.00	0.00	0.07	0.06	0 - 10:18 hrs
695	☐	SWMH-K9-002	10.70	108.50	Surcharged	0.00	0 - 09:52 hrs	30.33	79.70	1.39	4.65	197.28	2.70	7.35	0.00	0.32	0.59	42.33	0 - 10:03 hrs
696	☐	SWMH-K9-006	8.94	115.30	Surcharged	0.00	0 - 09:53 hrs	30.29	30.29	1.34	1.34	0.00	1.07	6.94	0.00	0.04	0.26	9.97	0 - 09:59 hrs
697	☐	SWMH-K9-011	8.87	114.00	Maximum	0.00	0 - 09:55 hrs	0.00	20.34	0.00	1.30	-375.97	1.17	6.87	0.00	0.01	0.29	1.33	0 - 10:10 hrs
698	☐	SWMH-K9-012	8.91	113.50	Maximum	0.00	0 - 09:55 hrs	14.50	33.48	0.56	1.85	66.78	1.22	6.91	0.00	0.09	0.35	13.98	0 - 09:59 hrs
699	☐	SWMH-K9-016	9.11	110.99	Maximum	0.19	0 - 10:00 hrs	0.00	30.03	0.00	1.76	120.43	1.27	6.61	0.19	0.00	0.00	0.00	0 - 00:00 hrs
700	☐	SWMH-K9-018	2.33	118.71	Flow Link Cro	7.97	0 - 10:04 hrs	0.00	46.17	0.00	2.93	42.97	0.00	0.00	0.00	0.00	0.00	0.00	0 - 00:00 hrs
701	☐	SWMH-K9-019	15.81	128.06	Surcharged	-5.00	0 - 10:00 hrs	8.86	54.01	0.33	3.26	1,572.68	0.26	12.81	0.00	0.00	0.00	4.99	0 - 10:00 hrs
702	☐	SWMH-K9-020	16.24	124.27	Surcharged	-5.00	0 - 09:56 hrs	0.00	50.84	0.00	3.25	-497.63	0.58	13.24	0.00	0.00	0.00	6.82	0 - 09:56 hrs
703	☐	SWMH-K9-021	15.91	119.64	Surcharged	-5.00	0 - 09:53 hrs	0.00	50.83	0.00	3.25	-705.72	1.74	12.91	0.00	0.00	0.00	16.48	0 - 09:53 hrs
704	☐	SWMH-L1-001	8.61	40.23	Maximum	0.00	0 - 09:51 hrs	16.33	33.77	0.74	5.03	6,195.07	30.55	5.11	0.00	0.05	0.29	11.84	0 - 09:59 hrs
705	☐	SWMH-L1-002	8.47	40.79	Maximum	0.53	0 - 09:59 hrs	0.00	23.62	0.00	4.38	4,802.74	30.28	4.97	0.53	0.00	0.00	0.00	0 - 00:00 hrs
706	☐	SWMH-L1-003	8.18	41.07	Maximum	0.25	0 - 09:59 hrs	23.58	23.58	1.12	1.12	0.00	16.63	4.68	0.25	0.00	0.00	0.00	0 - 00:00 hrs
707	☐	SWMH-L2-001	6.63	45.00	Maximum	0.00	0 - 09:18 hrs	52.19	73.68	2.59	4.65	469.98	9.19	4.13	0.00	1.01	2.22	58.27	0 - 10:03 hrs
708	☐	SWMH-L2-002	6.65	45.71	Surcharged	0.00	0 - 09:51 hrs	22.28	29.03	1.06	2.10	1.00	8.57	4.15	0.00	0.03	0.31	7.53	0 - 10:03 hrs
709	☐	SWMH-L2-003	5.88	46.13	Maximum	0.00	0 - 09:18 hrs	0.00	9.05	0.00	1.07	302.96	7.14	3.82	0.00	0.03	0.76	2.30	0 - 10:03 hrs
710	☐	SWMH-L2-004	5.64	46.68	Maximum	0.00	0 - 09:48 hrs	0.00	9.05	0.00	1.07	19.00	6.62	3.54	0.00	0.00	0.29	0.06	0 - 09:48 hrs
711	☐	SWMH-L2-005	5.20	47.14	Maximum	0.00	0 - 09:48 hrs	0.00	12.26	0.00	1.13	196.39	5.53	3.10	0.00	0.05	0.72	3.21	0 - 10:03 hrs
712	☐	SWMH-L2-006	8.82	43.42	Maximum	7.47	0 - 10:00 hrs	0.00	38.97	0.00	2.37	3,907.14	47.59	5.32	7.47	0.00	0.00	0.00	0 - 00:00 hrs
713	☐	SWMH-L2-007	7.75	44.98	Maximum	0.00	0 - 09:51 hrs	19.94	28.19	0.95	2.20	891.59	1.24	4.25	0.00	0.00	0.00	4.93	0 - 09:51 hrs
714	☐	SWMH-L2-008	5.70	44.62	Maximum	0.00	0 - 09:49 hrs	27.05	27.05	1.34	1.34	0.00	1.53	3.70	0.00	0.10	0.37	19.22	0 - 10:03 hrs
715	☐	SWMH-L2-012	6.30	44.50	Maximum	0.00	0 - 09:51 hrs	0.00	16.07	0.00	1.24	11.27	1.72	4.25	0.00	0.00	0.00	2.28	0 - 09:51 hrs
716	☐	SWMH-L3-001	3.66	44.02	Flow Link Cro	8.04	0 - 10:04 hrs	20.50	54.92	0.92	2.61	930.52	0.00	0.00	0.00	0.00	0.00	0.00	0 - 00:00 hrs
717	☐	SWMH-L3-002	3.18	44.26	Flow Link Cro	7.42	0 - 10:04 hrs	0.00	1.78	0.00	0.04	75.62	0.00	0.00	0.00	0.00	0.00	0.00	0 - 00:00 hrs
718	☐	SWMH-L3-003	4.25	44.25	Flow Link Cro	7.48	0 - 10:06 hrs	0.00	36.42	0.00	1.75	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0 - 00:00 hrs
719	☐	SWMH-L3-004	3.11	44.42	Flow Link Cro	7.64	0 - 10:04 hrs	0.00	36.83	0.00	1.67	-317.90	0.00	0.00	0.00	0.00	0.00	0.00	0 - 00:00 hrs
720	☐	SWMH-L3-005	5.35	48.08	Maximum	0.00	0 - 09:48 hrs	0.00	12.27	0.00	1.13	64.09	4.95	3.30	0.00	0.00	0.02	0.15	0 - 09:48 hrs
721	☐	SWMH-L3-006	5.25	49.73	Maximum	0.00	0 - 09:48 hrs	0.00	12.77	0.00	1.13	5.01	2.22	3.05	0.00	0.01	0.50	0.53	0 - 10:11 hrs
722	☐	SWMH-L3-007	5.25	50.67	Maximum	0.00	0 - 09:48 hrs	25.81	25.81	1.22	1.21	0.00	1.83	3.25	0.00	0.08	0.48	13.03	0 - 10:03 hrs
723	☐	SWMH-L3-008	6.45	48.21	Maximum	0.65	0 - 10:07 hrs	0.00	21.13	0.00	5.08	270.40	4.77	3.90	0.65	0.00	0.00	0.00	0 - 00:00 hrs
724	☐	SWMH-L3-009	6.65	48.81	Maximum	0.00	0 - 09:49 hrs	0.00	25.72	0.00	5.16	805.63	5.35	4.15	0.00	0.07	0.51	7.76	0 - 09:59 hrs
725	☐	SWMH-L3-010	4.53	44.29	Flow Link Cro	7.42	0 - 10:06 hrs	0.00	36.65	0.00	1.70	531.91	0.00	0.00	0.00	0.00	0.00	0.00	0 - 00:00 hrs
726	☐	SWMH-L3-011	4.52	44.74	Flow Link Cro	8.38	0 - 10:04 hrs	0.00	37.88	0.00	1.67	583.78	0.00	0.00	0.00	0.00	0.00	0.00	0 - 00:00 hrs
727	☐	SWMH-L3-013	8.02	51.60	Maximum	0.00	0 - 09:56 hrs	35.38	43.03	1.73	5.34	231.66	5.20	5.52	0.00	0.02	0.18	5.61	0 - 10:03 hrs
728	☐	SWMH-L3-014	7.99	51.62	Maximum	0.00	0 - 09:56 hrs	0.00	13.28	0.00	2.81	399.06	6.10	5.99	0.00	0.00	0.01	0.02	0 - 09:59 hrs
729	☐	SWMH-L3-015	5.95	50.47	Maximum	0.10	0 - 09:56 hrs	0.00	16.48	0.00	3.19	95.60	7.14	3.84	0.10	0.00	0.00	0.00	0 - 00:00 hrs
730	☐	SWMH-L3-016	7.50	52.38	Maximum	0.00	0 - 09:51 hrs	25.22	25.22	1.07	1.07	30.16	4.73	5.50	0.00	0.11	0.45	17.55	0 - 09:59 hrs
731	☐	SWMH-L3-019	7.38	45.77	Maximum	4.57	0 - 09:56 hrs	0.00	22.80	0.00	1.02	1,096.65	0.42	1.23	4.57	0.00	0.00	0.00	0 - 00:00 hrs
732	☐	SWMH-L3-020	6.68	45.39	Maximum	5.22	0 - 10:03 hrs	15.76	38.57	0.68	1.69	1,885.92	0.45	0.88	5.22	0.00	0.00	0.00	0 - 00:00 hrs
733	☐	SWMH-L4-001	7.61	46.58	Maximum	2.34	0 - 10:00 hrs	0.00	38.38	0.00	5.72	3,476.37	14.53	3.91	2.34	0.00	0.00	0.00	0 - 00:00 hrs
734	☐	SWMH-L4-002	7.25	46.39	Maximum	0.00	0 - 09:47 hrs	0.00	49.96	0.00	4.95	1,245.09	8.62	3.49	0.00	0.50	0.90	43.50	0 - 09:59 hrs
735	☐	SWMH-L4-003	7.44	46.88	Maximum	2.76	0 - 10:03 hrs	0.00	49.90	0.00	4.94	1,842.44	6.10	3.74	2.76	0.00	0.00	0.00	0 - 00:00 hrs

FUTURE CONDITIONS 5-YR 24-HR CLIMATE CHANGE JUNCTIONS

		ID	Maximum Depth (ft)	Maximum HGL (ft)	Maximum HGL Head Class	Freeboard (ft)	Max.Depth Day-Time (day-time)	Maximum Lateral Inflow (cfs)	Maximum Total Inflow (cfs)	Lateral Inflow Volume (MG)	Total Inflow Volume (MG)	Flow Volume Difference (MG)	Total Surcharge Time (hrs)	Max.Surchar ge Height Above Crown	Min.Surchar ge Depth Below Rim	Total Flood Volume (MG)	Total Flood Time (hrs)	Maximum Flood Rate (cfs)	Max.Flood Day-Time (day-time)
736	☐	SWMH-L4-005	7.64	47.57	w Maximum	3.81	0 - 09:56 hrs	0.00	49.90	0.00	4.91	2,126.52	5.11	4.14	3.81	0.00	0.00	0.00	0 - 00:00 hrs
737	☐	SWMH-L4-008	7.45	46.70	w Maximum	1.95	0 - 09:56 hrs	0.00	26.67	0.00	1.24	1,246.36	8.83	3.83	1.95	0.00	0.00	0.00	0 - 00:00 hrs
738	☐	SWMH-L4-009	7.32	46.79	w Maximum	2.76	0 - 10:00 hrs	0.00	26.61	0.00	1.22	1,513.75	7.60	3.82	2.76	0.00	0.00	0.00	0 - 00:00 hrs
739	☐	SWMH-L4-010	2.77	43.44	low Link Cro	7.98	0 - 10:06 hrs	0.00	54.82	0.00	2.65	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0 - 00:00 hrs
740	☐	SWMH-L4-011	3.40	43.95	low Link Cro	9.10	0 - 10:06 hrs	0.00	54.83	0.00	2.62	629.34	0.00	0.00	0.00	0.00	0.00	0.00	0 - 00:00 hrs
741	☐	SWMH-L4-013	7.98	46.24	w Maximum	2.14	0 - 10:00 hrs	0.00	38.28	0.00	5.75	3,240.15	47.60	4.48	2.14	0.00	0.00	0.00	0 - 00:00 hrs
742	☐	SWMH-L4-014	6.42	48.88	w Maximum	1.80	0 - 10:03 hrs	0.00	37.63	0.00	4.23	184.72	2.28	2.95	1.80	0.00	0.00	0.00	0 - 00:00 hrs
743	☐	SWMH-L4-015	7.16	49.99	w Maximum	0.54	0 - 09:57 hrs	7.91	19.87	0.32	2.16	149.02	2.71	4.89	0.54	0.00	0.00	0.00	0 - 00:00 hrs
744	☐	SWMH-L4-016	6.18	51.65	w Maximum	0.77	0 - 09:57 hrs	22.61	22.61	1.04	2.08	122.19	1.95	3.77	0.77	0.00	0.00	0.00	0 - 00:00 hrs
745	☐	SWMH-L4-017	4.90	51.40	Surcharged	0.00	0 - 09:48 hrs	0.00	9.84	0.00	1.05	18.74	1.81	2.65	0.00	0.00	0.02	6.80	0 - 09:49 hrs
746	☐	SWMH-L4-018	4.61	51.62	w Maximum	0.19	0 - 09:52 hrs	0.00	14.31	0.00	1.16	-125.12	1.73	2.36	0.19	0.00	0.00	0.00	0 - 00:00 hrs
747	☐	SWMH-L4-019	7.26	46.90	w Maximum	3.24	0 - 10:00 hrs	26.58	26.58	1.20	1.21	0.00	5.18	3.59	3.24	0.00	0.00	0.00	0 - 00:00 hrs
748	☐	SWMH-L4-020	5.81	48.53	w Maximum	1.99	0 - 09:53 hrs	8.84	22.80	0.37	1.02	294.43	0.72	3.80	1.99	0.00	0.00	0.00	0 - 00:00 hrs
749	☐	SWMH-L4-021	8.88	52.22	Surcharged	0.00	0 - 09:53 hrs	13.97	13.97	0.65	0.65	0.00	0.74	6.88	0.00	0.00	0.00	1.31	0 - 09:53 hrs
750	☐	SWMH-L4-022	6.92	51.66	w Maximum	0.00	0 - 09:47 hrs	0.00	19.70	0.00	2.07	271.06	2.08	4.65	0.00	0.00	0.00	3.43	0 - 09:47 hrs
751	☐	SWMH-L4-030	6.33	50.83	w Maximum	0.00	0 - 09:51 hrs	40.61	40.61	2.08	2.08	0.00	1.93	3.35	0.00	0.10	0.43	18.05	0 - 10:03 hrs
752	☐	SWMH-L4-031	6.85	49.97	w Maximum	0.00	0 - 09:48 hrs	0.00	22.54	0.00	1.97	92.05	2.61	4.55	0.00	0.13	0.62	12.66	0 - 09:59 hrs
753	☐	SWMH-L4-032	4.00	51.13	Surcharged	0.00	0 - 09:49 hrs	0.00	14.32	0.00	0.12	0.00	1.76	2.00	0.00	0.12	0.61	14.32	0 - 10:03 hrs
754	☐	SWMH-L5-004	10.00	44.44	w Maximum	0.00	0 - 00:00 hrs	0.00	86.03	0.00	2.10	1,892.45	47.98	5.00	0.00	0.01	0.01	74.01	0 - 00:00 hrs
755	☐	SWMH-L5-005	8.20	45.90	Surcharged	0.00	0 - 00:01 hrs	0.00	49.11	0.00	2.09	1,522.55	47.95	5.45	0.00	0.00	0.00	19.46	0 - 00:01 hrs
756	☐	SWMH-L5-006	7.45	45.48	w Maximum	0.00	0 - 00:01 hrs	0.00	44.69	0.00	2.08	873.13	47.91	4.45	0.00	0.00	0.00	15.45	0 - 00:01 hrs
757	☐	SWMH-L5-007	7.35	46.13	w Maximum	0.00	0 - 00:03 hrs	0.00	27.45	0.00	2.06	1,303.20	47.88	4.85	0.00	0.00	0.00	25.87	0 - 00:03 hrs
758	☐	SWMH-L5-009	6.10	45.58	w Maximum	0.00	0 - 00:04 hrs	45.84	45.84	2.27	2.29	86.89	47.88	3.45	0.00	0.00	0.03	0.43	0 - 00:04 hrs
759	☐	SWMH-L5-010	6.35	46.93	Surcharged	0.00	0 - 08:48 hrs	0.00	61.39	0.00	4.57	1,248.47	5.93	2.85	0.00	0.00	0.00	4.78	0 - 09:14 hrs
760	☐	SWMH-L5-012	5.83	47.57	w Maximum	0.69	0 - 09:59 hrs	17.63	61.40	0.72	5.11	-1,145.43	1.39	2.33	0.69	0.00	0.00	0.00	0 - 00:00 hrs
761	☐	SWMH-L5-013	4.80	47.91	w Maximum	0.00	0 - 09:53 hrs	0.00	49.00	0.00	3.76	216.61	1.08	1.80	0.00	0.02	0.21	5.24	0 - 09:59 hrs
762	☐	SWMH-L5-014	6.42	50.16	w Maximum	4.41	0 - 09:55 hrs	0.00	48.97	0.00	3.74	113.13	1.14	3.13	4.41	0.00	0.00	0.00	0 - 00:00 hrs
763	☐	SWMH-L5-015	6.58	50.98	w Maximum	2.22	0 - 09:55 hrs	18.99	48.98	0.77	3.74	100.35	1.18	3.57	2.22	0.00	0.00	0.00	0 - 00:00 hrs
764	☐	SWMH-L5-016	7.97	53.78	w Maximum	0.00	0 - 09:55 hrs	0.00	46.08	0.00	3.06	-653.90	0.93	4.97	0.00	0.00	0.00	6.87	0 - 09:55 hrs
765	☐	SWMH-L5-017	6.70	53.56	w Maximum	0.00	0 - 09:55 hrs	34.62	46.09	1.65	3.06	2.95	0.77	3.70	0.00	0.00	0.00	6.64	0 - 09:55 hrs
766	☐	SWMH-L5-018	6.05	53.09	w Maximum	0.00	0 - 09:56 hrs	0.00	30.98	0.00	1.49	22.55	0.92	3.80	0.00	0.09	0.26	25.66	0 - 09:56 hrs
767	☐	SWMH-L5-019	9.52	49.98	w Maximum	0.44	0 - 09:59 hrs	29.51	39.28	1.40	2.78	505.78	47.99	7.52	0.44	0.00	0.00	0.00	0 - 00:00 hrs
768	☐	SWMH-L5-020	7.60	49.90	Surcharged	0.00	0 - 00:06 hrs	0.00	17.14	0.00	1.40	545.60	47.91	5.60	0.00	0.00	0.02	0.16	0 - 00:06 hrs
769	☐	SWMH-L5-021	6.15	50.00	w Maximum	0.00	0 - 00:06 hrs	0.00	12.40	0.00	1.52	366.46	47.80	4.15	0.00	0.13	1.05	6.30	0 - 10:17 hrs
770	☐	SWMH-L5-022	6.15	50.26	Surcharged	0.00	0 - 09:42 hrs	35.04	35.04	1.70	1.70	0.00	47.80	4.15	0.00	0.19	0.73	22.63	0 - 10:03 hrs
771	☐	SWMH-L5-028	5.34	32.66	Surcharged	-0.16	0 - 12:42 hrs	0.00	8.76	0.00	4.63	1,115.80	44.98	3.33	0.00	0.00	0.00	0.00	0 - 00:00 hrs
772	☐	SWMH-L5-036	3.45	45.98	w Maximum	0.00	0 - 00:04 hrs	0.00	10.90	0.00	0.02	0.00	2.72	1.95	0.00	0.00	0.01	10.52	0 - 00:04 hrs
773	☐	SWMH-L5-037	4.75	45.15	w Maximum	0.00	0 - 00:01 hrs	0.00	4.73	0.00	0.00	0.00	47.91	3.75	0.00	0.00	0.01	4.10	0 - 00:03 hrs
774	☐	SWMH-L5-038	9.58	44.15	w Maximum	0.00	0 - 00:00 hrs	0.00	96.87	0.00	2.10	0.00	47.98	4.63	0.00	0.00	0.00	9.58	0 - 00:00 hrs
775	☐	SWMH-L5-039	5.68	51.11	w Maximum	0.00	0 - 09:53 hrs	0.00	46.11	0.00	3.06	70.69	0.97	2.68	0.00	0.09	0.31	16.11	0 - 09:59 hrs
776	☐	SWMH-L6-001	6.15	58.14	w Maximum	0.00	0 - 09:56 hrs	0.00	30.98	0.00	1.49	-13.32	0.58	3.90	0.00	0.00	0.00	8.53	0 - 09:56 hrs
777	☐	SWMH-L6-002	1.40	55.30	low Link Cro	9.78	0 - 10:04 hrs	0.00	21.56	0.00	0.99	-8.74	0.00	0.00	0.00	0.00	0.00	0.00	0 - 00:00 hrs
778	☐	SWMH-L6-003	1.38	63.90	low Link Cro	4.67	0 - 10:03 hrs	20.53	20.53	0.93	0.93	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0 - 00:00 hrs
779	☐	SWMH-L6-004	1.22	59.01	low Link Cro	8.43	0 - 10:04 hrs	0.00	21.58	0.00	0.99	60.12	0.00	0.00	0.00	0.00	0.00	0.00	0 - 00:00 hrs
780	☐	SWMH-L6-005	1.09	66.42	low Link Cro	6.51	0 - 10:03 hrs	21.87	21.87	0.99	0.99	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0 - 00:00 hrs
781	☐	SWMH-L6-006	2.12	55.95	low Link Cro	10.93	0 - 10:03 hrs	4.91	115.70	0.17	7.58	207.75	0.00	0.00	0.00	0.00	0.00	0.00	0 - 00:00 hrs
782	☐	SWMH-L6-007	3.25	59.02	low Link Cro	5.98	0 - 10:03 hrs	0.00	72.96	0.00	5.56	242.96	0.00	0.00	0.00	0.00	0.00	0.00	0 - 00:00 hrs
783	☐	SWMH-L6-008	5.00	71.94	Surcharged	0.00	0 - 10:04 hrs	0.00	74.47	0.00	5.57	78.56	0.12	2.00	0.00	0.00	0.00	2.73	0 - 10:04 hrs
784	☐	SWMH-L6-010	11.14	42.47	w Maximum	3.30	0 - 11:42 hrs	12.56	336.31	0.47	25.55	82,251.34	30.90	4.80	3.30	0.00	0.00	0.00	0 - 00:00 hrs

FUTURE CONDITIONS 5-YR 24-HR CLIMATE CHANGE JUNCTIONS

		ID	Maximum Depth (ft)	Maximum HGL (ft)	Maximum HGL Head Class	Freeboard (ft)	Max.Depth Day-Time (day-time)	Maximum Lateral Inflow (cfs)	Maximum Total Inflow (cfs)	Lateral Inflow Volume (MG)	Total Inflow Volume (MG)	Flow Volume Difference (MG)	Total Surcharge Time (hrs)	Max.Surchar ge Height Above Ground	Min.Surchar ge Depth Below Rim	Total Flood Volume (MG)	Total Flood Time (hrs)	Maximum Flood Rate (cfs)	Max.Flood Day-Time (day-time)
785	☐	SWMH-L6-011	10.71	47.22	w Maximum	0.69	0 - 09:57 hrs	0.00	92.01	0.00	7.65	1,532.06	28.35	7.23	0.69	0.00	0.00	0.00	0 - 00:00 hrs
786	☐	SWMH-L6-012	13.72	56.79	w Maximum	4.78	0 - 09:57 hrs	0.00	10.20	0.00	0.01	0.00	0.58	10.72	4.78	0.00	0.00	0.00	0 - 00:00 hrs
787	☐	SWMH-L6-014	6.72	34.52	Surcharged	-2.02	0 - 12:41 hrs	0.00	8.78	0.00	4.64	1,241.03	44.97	4.72	0.00	0.00	0.00	0.00	0 - 00:00 hrs
788	☐	SWMH-L6-015	11.95	51.54	Surcharged	0.00	0 - 09:57 hrs	0.00	92.00	0.00	7.67	1,389.23	2.77	8.62	0.00	0.00	0.00	0.79	0 - 09:57 hrs
789	☐	SWMH-L6-016	1.26	71.23	low Link Cro	7.06	0 - 10:03 hrs	24.85	24.85	1.20	1.20	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0 - 00:00 hrs
790	☐	SWMH-L6-017	4.90	48.26	low Link Cro	15.70	0 - 10:04 hrs	0.00	157.23	0.00	9.49	481.44	0.00	0.00	0.00	0.00	0.00	0.00	0 - 00:00 hrs
791	☐	SWMH-L7-001	6.00	86.46	w Maximum	0.00	0 - 09:52 hrs	16.07	31.73	0.72	3.46	152.81	1.89	3.50	0.00	0.00	0.01	0.45	0 - 09:52 hrs
792	☐	SWMH-L7-002	5.43	86.46	w Maximum	0.00	0 - 09:52 hrs	29.69	40.87	1.51	3.02	180.41	1.95	2.93	0.00	0.28	0.67	32.45	0 - 09:59 hrs
793	☐	SWMH-L7-003	5.28	86.96	w Maximum	0.00	0 - 09:52 hrs	0.00	12.36	0.00	1.52	121.86	1.94	3.03	0.00	0.00	0.15	3.66	0 - 09:52 hrs
794	☐	SWMH-L7-007	0.97	80.34	low Link Cro	2.66	0 - 10:18 hrs	0.00	21.09	0.00	2.21	36.36	0.00	0.00	0.00	0.00	0.00	0.00	0 - 00:00 hrs
795	☐	SWMH-L7-008	3.84	83.79	Surcharged	0.00	0 - 09:52 hrs	13.30	35.39	0.54	2.34	884.47	1.90	1.34	0.00	0.13	0.60	14.30	0 - 09:59 hrs
796	☐	SWMH-L7-009	3.84	83.95	w Maximum	0.00	0 - 09:52 hrs	0.00	29.21	0.00	1.85	77.13	1.79	1.34	0.00	0.05	0.43	7.24	0 - 09:56 hrs
797	☐	SWMH-L7-010	4.35	84.90	w Maximum	0.13	0 - 09:57 hrs	0.00	29.23	0.00	1.86	103.17	1.60	1.85	0.13	0.00	0.00	0.00	0 - 00:00 hrs
798	☐	SWMH-L7-011	3.89	85.10	w Maximum	0.00	0 - 09:52 hrs	0.00	24.00	0.00	1.53	30.58	1.36	1.39	0.00	0.02	0.27	8.71	0 - 09:52 hrs
799	☐	SWMH-L7-012	4.00	86.58	Surcharged	0.00	0 - 09:55 hrs	0.00	24.02	0.00	1.53	39.70	0.74	1.50	0.00	0.00	0.00	3.65	0 - 09:55 hrs
800	☐	SWMH-L7-013	4.60	87.75	Surcharged	0.00	0 - 09:55 hrs	0.00	24.00	0.00	1.53	139.92	0.82	2.35	0.00	0.00	0.00	2.85	0 - 09:55 hrs
801	☐	SWMH-L7-014	5.00	88.63	w Maximum	0.00	0 - 09:55 hrs	31.09	31.09	1.56	1.56	0.00	0.88	2.75	0.00	0.02	0.23	7.09	0 - 09:59 hrs
802	☐	SWMH-L7-017	4.50	85.78	w Maximum	0.00	0 - 09:52 hrs	8.51	8.51	0.34	0.34	0.00	1.49	2.50	0.00	0.00	0.00	2.30	0 - 09:52 hrs
803	☐	SWMH-L7-020	7.20	86.23	Surcharged	0.00	0 - 09:52 hrs	29.43	29.43	1.39	1.39	0.00	1.82	5.20	0.00	0.22	0.62	25.40	0 - 09:59 hrs
804	☐	SWMH-L7-024	1.74	78.38	low Link Cro	2.68	0 - 09:59 hrs	8.81	29.91	0.36	2.57	282.96	0.00	0.00	0.00	0.00	0.00	0.00	0 - 00:00 hrs
805	☐	SWMH-L7-025	3.90	78.37	w Maximum	0.00	0 - 09:45 hrs	23.50	23.50	1.18	1.18	0.00	6.66	2.65	0.00	0.23	1.29	20.78	0 - 10:03 hrs
806	☐	SWMH-L7-026	3.98	77.78	w Maximum	0.00	0 - 10:00 hrs	15.60	49.75	0.69	4.21	274.39	0.24	0.98	0.00	0.00	0.01	3.19	0 - 10:00 hrs
807	☐	SWMH-L7-029	7.67	86.42	w Maximum	0.23	0 - 09:56 hrs	0.00	15.42	0.00	1.17	62.72	1.92	5.67	0.23	0.00	0.00	0.00	0 - 00:00 hrs
808	☐	SWMH-L8-001	10.60	94.80	Surcharged	0.00	0 - 10:00 hrs	8.15	94.76	0.32	7.88	414.55	1.12	6.04	0.00	0.00	0.00	23.08	0 - 10:00 hrs
809	☐	SWMH-L8-002	8.91	94.43	Surcharged	0.00	0 - 10:00 hrs	0.00	90.02	0.00	7.59	536.18	0.97	4.41	0.00	0.02	0.09	46.10	0 - 10:00 hrs
810	☐	SWMH-L8-005	5.90	96.75	w Maximum	0.00	0 - 10:03 hrs	17.91	47.03	0.74	5.71	671.04	2.47	2.40	0.00	0.00	0.02	8.51	0 - 10:03 hrs
811	☐	SWMH-L8-007	4.08	93.19	Surcharged	0.00	0 - 09:52 hrs	30.82	30.82	1.47	1.47	0.00	1.23	2.08	0.00	0.14	0.48	20.56	0 - 09:59 hrs
812	☐	SWMH-L8-008	8.70	95.82	w Maximum	0.00	0 - 10:02 hrs	44.45	44.45	1.91	1.91	0.00	0.78	4.54	0.00	0.00	0.01	26.16	0 - 10:02 hrs
813	☐	SWMH-L9-002	8.98	110.09	Surcharged	0.00	0 - 09:55 hrs	0.00	30.12	0.00	1.76	72.84	1.33	6.48	0.00	0.05	0.28	14.28	0 - 09:55 hrs
814	☐	SWMH-L9-003	10.10	109.91	Surcharged	0.00	0 - 09:56 hrs	23.78	40.23	1.11	2.83	275.72	1.66	7.60	0.00	0.00	0.11	2.45	0 - 09:59 hrs
815	☐	SWMH-L9-004	10.01	109.61	w Maximum	0.00	0 - 09:55 hrs	0.00	40.16	0.00	2.83	-84.57	1.71	7.51	0.00	0.00	0.04	4.90	0 - 09:55 hrs
816	☐	SWMH-L9-010	9.41	115.86	w Maximum	0.00	0 - 09:57 hrs	18.28	18.28	0.78	0.78	0.00	0.47	7.41	0.00	0.00	0.02	2.82	0 - 09:57 hrs
817	☐	SWMH-L9-011	9.89	116.05	w Maximum	0.16	0 - 09:57 hrs	0.00	17.88	0.00	0.78	-293.00	0.48	7.88	0.16	0.00	0.00	0.00	0 - 00:00 hrs
818	☐	SWMH-L9-012	10.35	115.50	w Maximum	0.31	0 - 09:57 hrs	0.00	17.89	0.00	0.78	-242.41	0.51	8.34	0.31	0.00	0.00	0.00	0 - 00:00 hrs
819	☐	SWMH-L9-014	10.50	115.00	w Maximum	0.00	0 - 09:57 hrs	0.00	17.88	0.00	0.78	10.05	0.55	8.50	0.00	0.00	0.00	5.56	0 - 09:57 hrs
820	☐	SWMH-L9-015	10.31	113.11	w Maximum	0.00	0 - 09:57 hrs	0.00	17.90	0.00	0.78	19.77	0.70	8.31	0.00	0.00	0.00	6.76	0 - 09:57 hrs
821	☐	SWMH-L9-016	9.86	111.26	Surcharged	0.00	0 - 09:56 hrs	0.00	17.89	0.00	0.78	215.79	0.84	7.86	0.00	0.00	0.00	7.22	0 - 09:56 hrs
822	☐	SWMH-L9-017	7.30	106.11	w Maximum	0.00	0 - 09:56 hrs	0.00	17.89	0.00	0.78	-150.17	1.60	5.29	0.00	0.01	0.16	10.62	0 - 09:56 hrs
823	☐	SWMH-L9-026	11.50	108.11	w Maximum	0.00	0 - 10:03 hrs	0.00	40.17	0.00	2.83	42.14	3.68	9.00	0.00	0.00	0.00	0.02	0 - 10:03 hrs
824	☐	SWMH-L9-027	11.89	107.61	w Maximum	0.00	0 - 09:56 hrs	0.00	40.18	0.00	2.82	78.93	4.72	9.39	0.00	0.00	0.01	0.31	0 - 09:56 hrs
825	☐	SWMH-L9-029	11.67	106.91	Surcharged	0.00	0 - 09:56 hrs	0.00	40.20	0.00	2.82	32.67	5.23	9.16	0.00	0.00	0.00	0.41	0 - 09:56 hrs
826	☐	SWMH-L9-030	11.40	106.31	Surcharged	0.00	0 - 09:56 hrs	33.63	66.43	1.55	4.38	143.01	4.34	7.90	0.00	0.00	0.00	0.44	0 - 09:56 hrs
827	☐	SWMH-L9-031	10.93	105.01	Surcharged	0.00	0 - 09:56 hrs	0.00	92.79	0.00	5.71	-547.35	5.25	7.43	0.00	0.00	0.00	0.30	0 - 09:56 hrs
828	☐	SWMH-L9-032	10.64	104.61	w Maximum	0.00	0 - 09:56 hrs	0.00	92.84	0.00	5.72	-316.49	5.36	7.13	0.00	0.00	0.00	0.76	0 - 09:56 hrs
829	☐	SWMH-L9-033	9.98	102.91	Surcharged	0.00	0 - 09:56 hrs	0.00	92.80	0.00	5.72	-1,342.88	5.97	5.98	0.00	0.00	0.00	0.70	0 - 09:56 hrs
830	☐	SWMH-L9-034	9.64	102.39	w Maximum	0.07	0 - 09:56 hrs	0.00	92.80	0.00	5.73	143.36	6.24	5.64	0.07	0.00	0.00	0.00	0 - 00:00 hrs
831	☐	SWMH-L9-036	8.52	101.04	w Maximum	1.07	0 - 09:56 hrs	0.00	92.88	0.00	5.73	97.27	6.57	4.51	1.07	0.00	0.00	0.00	0 - 00:00 hrs
832	☐	SWMH-L9-047	11.22	105.71	w Maximum	0.00	0 - 09:56 hrs	14.50	92.76	0.57	5.71	287.57	4.77	7.71	0.00	0.00	0.00	0.66	0 - 09:56 hrs
833	☐	SWMH-L9-049	11.74	107.21	w Maximum	0.00	0 - 09:56 hrs	0.00	40.18	0.00	2.82	68.82	4.98	9.24	0.00	0.00	0.00	0.41	0 - 09:56 hrs

FUTURE CONDITIONS 5-YR 24-HR CLIMATE CHANGE JUNCTIONS

		ID	Maximum Depth (ft)	Maximum HGL (ft)	Maximum HGL Head Class	Freeboard (ft)	Max.Depth Day-Time (day-time)	Maximum Lateral Inflow (cfs)	Maximum Total Inflow (cfs)	Lateral Inflow Volume (MG)	Total Inflow Volume (MG)	Flow Volume Difference (MG)	Total Surcharge Time (hrs)	Max.Surchar ge Height Above Ground	Min.Surchar ge Depth Below Rim (ft)	Total Flood Volume (MG)	Total Flood Time (hrs)	Maximum Flood Rate (cfs)	Max.Flood Day-Time (day-time)
834	☐	SWMH-M1-001	8.81	35.80	Surcharged	0.00	0 - 09:33 hrs	2.27	52.56	0.08	17.62	5,933.76	37.71	5.12	0.00	15.79	14.43	52.56	0 - 10:04 hrs
835	☐	SWMH-M1-003	8.83	39.04	Surcharged	0.00	0 - 09:45 hrs	40.27	62.17	2.07	7.00	8,044.02	31.75	5.33	0.00	0.36	0.94	34.27	0 - 10:03 hrs
836	☐	SWMH-M1-004	5.90	36.34	Surcharged	0.00	0 - 09:49 hrs	27.89	27.89	1.24	1.24	0.00	31.17	2.90	0.00	0.06	0.37	11.92	0 - 09:59 hrs
837	☐	SWMH-M1-006	6.98	36.06	Surcharged	0.00	0 - 09:47 hrs	0.00	16.00	0.00	1.16	2,945.75	33.64	3.85	0.00	0.00	0.16	0.05	0 - 10:11 hrs
838	☐	SWMH-M1-007	8.20	36.06	w Maximum	0.00	0 - 09:53 hrs	0.00	16.03	0.00	1.14	1,205.36	35.22	4.48	0.00	0.00	0.00	0.05	0 - 10:15 hrs
839	☐	SWMH-M1-008	8.45	35.82	w Maximum	0.00	0 - 09:38 hrs	0.00	37.34	0.00	9.34	1,821.71	37.92	5.25	0.00	8.90	14.31	37.09	0 - 10:12 hrs
840	☐	SWMH-M1-009	8.52	37.34	w Maximum	0.00	0 - 09:33 hrs	0.00	27.89	0.00	6.58	10,024.53	33.61	4.86	0.00	0.19	1.77	5.63	0 - 10:11 hrs
841	☐	SWMH-M2-001	5.78	40.01	Surcharged	0.00	0 - 08:56 hrs	23.00	44.34	1.00	4.69	2,398.03	27.14	3.78	0.00	1.40	4.29	44.34	0 - 09:59 hrs
842	☐	SWMH-M2-002	8.02	44.00	w Maximum	0.00	0 - 08:56 hrs	0.00	15.40	0.00	3.64	789.21	11.24	5.52	0.00	0.00	0.00	2.53	0 - 08:56 hrs
843	☐	SWMH-M2-005	6.71	41.82	w Maximum	0.13	0 - 09:52 hrs	0.00	26.19	0.00	2.53	1,497.29	17.85	3.96	0.13	0.00	0.00	0.00	0 - 00:00 hrs
844	☐	SWMH-M2-007	5.90	43.76	Surcharged	0.00	0 - 09:52 hrs	13.36	27.55	0.59	2.54	48.26	3.18	3.15	0.00	0.00	0.00	12.04	0 - 09:52 hrs
845	☐	SWMH-M2-008	5.05	44.26	w Maximum	0.00	0 - 09:52 hrs	0.00	19.23	0.00	1.96	-318.49	2.43	2.63	0.00	0.01	0.27	12.18	0 - 09:52 hrs
846	☐	SWMH-M2-009	5.05	45.34	w Maximum	0.00	0 - 09:53 hrs	23.44	28.22	1.15	2.03	662.68	1.95	2.80	0.00	0.07	0.41	12.12	0 - 10:03 hrs
847	☐	SWMH-M2-010	5.08	45.91	w Maximum	0.00	0 - 09:53 hrs	0.00	8.39	0.00	0.89	48.81	1.79	3.08	0.00	0.00	0.01	7.12	0 - 09:53 hrs
848	☐	SWMH-M2-012	4.30	40.74	Surcharged	0.00	0 - 09:52 hrs	0.00	3.07	0.00	0.07	0.00	19.74	3.05	0.00	0.06	1.22	3.07	0 - 09:53 hrs
849	☐	SWMH-M3-001	5.35	51.82	w Maximum	0.00	0 - 09:15 hrs	40.14	40.14	1.99	1.99	0.00	5.66	3.22	0.00	0.37	1.39	31.76	0 - 10:03 hrs
850	☐	SWMH-M3-002	5.32	46.70	w Maximum	0.00	0 - 09:53 hrs	0.00	7.94	0.00	0.89	138.55	1.97	3.57	0.00	0.00	0.01	7.42	0 - 09:53 hrs
851	☐	SWMH-M3-007	4.92	49.19	w Maximum	2.58	0 - 09:55 hrs	0.00	6.38	0.00	0.89	268.83	2.52	3.42	2.58	0.00	0.00	0.00	0 - 00:00 hrs
852	☐	SWMH-M3-008	6.61	51.57	w Maximum	0.09	0 - 09:59 hrs	20.84	23.38	0.86	3.22	158.75	6.78	4.41	0.09	0.00	0.00	0.00	0 - 00:00 hrs
853	☐	SWMH-M3-009	5.80	51.21	w Maximum	0.00	0 - 09:15 hrs	18.33	33.47	0.80	2.45	21.37	6.33	3.62	0.00	0.48	1.82	33.46	0 - 09:59 hrs
854	☐	SWMH-M3-010	6.10	51.66	w Maximum	0.00	0 - 09:45 hrs	10.81	10.81	0.46	0.46	8.40	7.04	4.60	0.00	0.06	0.65	8.27	0 - 09:59 hrs
855	☐	SWMH-M3-017	5.50	49.38	Surcharged	0.00	0 - 09:48 hrs	0.00	8.04	0.00	1.03	64.46	4.25	4.00	0.00	0.00	0.05	0.03	0 - 09:48 hrs
856	☐	SWMH-M3-018	4.98	50.12	Surcharged	0.00	0 - 09:44 hrs	26.50	26.50	1.27	1.27	0.00	3.67	3.48	0.00	0.24	1.23	21.66	0 - 10:03 hrs
857	☐	SWMH-M3-024	5.94	50.81	w Maximum	0.84	0 - 09:53 hrs	0.00	6.38	0.00	0.89	74.95	4.73	4.68	0.84	0.00	0.00	0.00	0 - 00:00 hrs
858	☐	SWMH-M4-002	4.90	54.51	Surcharged	0.00	0 - 09:52 hrs	0.00	14.89	0.00	1.36	-95.59	1.21	2.90	0.00	0.00	0.00	2.27	0 - 09:52 hrs
859	☐	SWMH-M4-003	4.48	54.26	Surcharged	0.00	0 - 09:52 hrs	0.00	15.70	0.00	1.37	285.16	1.20	2.40	0.00	0.00	0.00	0.03	0 - 09:52 hrs
860	☐	SWMH-M4-004	4.40	55.27	w Maximum	0.00	0 - 09:52 hrs	30.55	30.55	1.47	1.47	0.00	1.07	2.40	0.00	0.05	0.30	10.20	0 - 10:03 hrs
861	☐	SWMH-M4-006	4.83	52.53	w Maximum	0.32	0 - 10:45 hrs	0.00	4.50	0.00	1.01	39.67	6.50	3.32	0.32	0.00	0.00	0.00	0 - 00:00 hrs
862	☐	SWMH-M4-007	4.61	52.90	w Maximum	0.44	0 - 10:52 hrs	0.00	4.51	0.00	1.01	37.16	5.93	3.11	0.44	0.00	0.00	0.00	0 - 00:00 hrs
863	☐	SWMH-M4-008	4.10	52.59	w Maximum	0.00	0 - 09:52 hrs	0.00	12.87	0.00	1.15	30.53	1.26	1.85	0.00	0.00	0.00	7.34	0 - 09:52 hrs
864	☐	SWMH-M4-011	4.05	54.04	w Maximum	0.00	0 - 09:51 hrs	27.01	27.01	1.26	1.26	0.00	1.42	2.30	0.00	0.11	0.53	15.89	0 - 10:03 hrs
865	☐	SWMH-M4-022	4.54	53.17	w Maximum	0.54	0 - 09:51 hrs	0.00	4.53	0.00	1.01	60.30	5.60	3.04	0.54	0.00	0.00	0.00	0 - 00:00 hrs
866	☐	SWMH-M4-023	4.26	53.84	w Maximum	0.24	0 - 09:56 hrs	0.00	4.53	0.00	1.01	25.71	5.25	2.51	0.24	0.00	0.00	0.00	0 - 00:00 hrs
867	☐	SWMH-M4-029	3.22	53.74	Surcharged	0.00	0 - 09:27 hrs	30.09	30.09	1.39	1.39	0.00	4.82	1.72	0.00	0.38	2.03	26.65	0 - 10:03 hrs
868	☐	SWMH-M4-031	3.98	54.47	w Maximum	0.00	0 - 09:52 hrs	0.00	20.34	0.00	1.42	-6.01	1.10	1.95	0.00	0.06	0.46	6.20	0 - 09:59 hrs
869	☐	SWMH-M5-001	8.84	50.61	w Maximum	2.72	0 - 00:04 hrs	0.00	79.73	0.00	4.91	2,793.35	47.92	3.53	2.72	0.00	0.00	0.00	0 - 00:00 hrs
870	☐	SWMH-M5-002	7.71	52.44	w Maximum	0.00	0 - 00:02 hrs	0.00	26.43	0.00	1.39	1,153.65	47.89	4.96	0.00	0.00	0.00	12.81	0 - 00:02 hrs
871	☐	SWMH-M5-003	5.02	51.51	w Maximum	3.13	0 - 09:52 hrs	0.00	14.88	0.00	1.38	411.47	2.32	2.97	3.13	0.00	0.00	0.00	0 - 00:00 hrs
872	☐	SWMH-M5-004	5.16	52.29	w Maximum	1.92	0 - 09:52 hrs	0.00	14.88	0.00	1.37	244.53	1.65	2.93	1.92	0.00	0.00	0.00	0 - 00:00 hrs
873	☐	SWMH-M5-005	4.86	53.23	w Maximum	0.39	0 - 09:52 hrs	0.00	14.88	0.00	1.36	-34.90	1.37	2.86	0.39	0.00	0.00	0.00	0 - 00:00 hrs
874	☐	SWMH-M5-006	9.40	51.51	w Maximum	1.90	0 - 00:04 hrs	0.00	57.84	0.00	3.52	1,828.54	47.97	5.78	1.90	0.00	0.00	0.00	0 - 00:00 hrs
875	☐	SWMH-M5-007	10.10	53.67	Surcharged	0.00	0 - 00:02 hrs	0.00	44.81	0.00	3.50	3,381.99	47.90	6.85	0.00	0.00	0.00	15.13	0 - 00:02 hrs
876	☐	SWMH-M5-008	9.50	53.76	w Maximum	0.00	0 - 00:04 hrs	43.09	44.82	2.15	3.48	3,647.13	47.85	6.42	0.00	0.00	0.00	20.93	0 - 00:04 hrs
877	☐	SWMH-M5-010	6.08	52.59	w Maximum	4.92	0 - 09:59 hrs	30.89	30.89	1.44	1.56	763.83	1.46	3.08	4.92	0.00	0.00	0.00	0 - 00:00 hrs
878	☐	SWMH-M5-021	5.15	52.89	w Maximum	0.35	0 - 09:52 hrs	0.00	14.89	0.00	1.37	22.02	1.52	3.15	0.35	0.00	0.00	0.00	0 - 00:00 hrs
879	☐	SWMH-M6-001	5.68	64.21	w Maximum	2.62	0 - 09:59 hrs	30.97	30.97	1.50	1.50	0.00	0.25	3.65	2.62	0.00	0.00	0.00	0 - 00:00 hrs
880	☐	SWMH-M6-002	1.47	70.13	Flow Link Cro	5.38	0 - 10:04 hrs	25.71	39.46	1.20	1.85	89.86	0.00	0.00	0.00	0.00	0.00	0.00	0 - 00:00 hrs
881	☐	SWMH-M6-003	1.42	73.01	Flow Link Cro	4.68	0 - 10:04 hrs	0.00	13.94	0.00	0.64	-124.48	0.00	0.00	0.00	0.00	0.00	0.00	0 - 00:00 hrs
882	☐	SWMH-M6-007	8.92	57.01	w Maximum	1.99	0 - 09:59 hrs	10.57	37.55	0.39	2.49	95.36	1.98	6.91	1.99	0.00	0.00	0.00	0 - 00:00 hrs

FUTURE CONDITIONS 5-YR 24-HR CLIMATE CHANGE JUNCTIONS

		ID	Maximum Depth (ft)	Maximum HGL (ft)	Maximum HGL Head Class	Freeboard (ft)	Max.Depth Day-Time (day-time)	Maximum Lateral Inflow (cfs)	Maximum Total Inflow (cfs)	Lateral Inflow Volume (MG)	Total Inflow Volume (MG)	Flow Volume Difference (#?)	Total Surcharge Time (hrs)	Max.Surchar ge Height Above Crown	Min.Surchar ge Depth Below Rim (#?)	Total Flood Volume (MG)	Total Flood Time (hrs)	Maximum Flood Rate (cfs)	Max.Flood Day-Time (day-time)
883	☐	SWMH-M6-008	10.55	59.60	Surcharged	0.00	0 - 09:57 hrs	0.00	28.42	0.00	2.09	34.26	1.25	7.25	0.00	0.00	0.02	0.08	0 - 09:59 hrs
884	☐	SWMH-M6-009	10.05	60.13	w Maximum	0.00	0 - 09:51 hrs	0.00	17.23	0.00	1.38	12.80	1.05	5.70	0.00	0.01	0.18	3.49	0 - 09:59 hrs
885	☐	SWMH-M6-010	1.01	62.07	low Link Cro	5.74	0 - 09:59 hrs	16.40	16.40	0.72	0.72	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0 - 00:00 hrs
886	☐	SWMH-M6-011	10.82	66.56	Surcharged	0.00	0 - 09:51 hrs	31.51	31.51	1.48	1.48	0.00	1.44	9.32	0.00	0.10	0.39	16.84	0 - 10:03 hrs
887	☐	SWMH-M7-001	1.91	74.43	low Link Cro	3.74	0 - 10:04 hrs	14.48	14.48	0.65	0.65	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0 - 00:00 hrs
888	☐	SWMH-M7-004	16.36	81.25	w Maximum	0.00	0 - 10:00 hrs	0.00	250.70	0.00	29.85	1,715.93	1.97	11.86	0.00	0.00	0.00	13.77	0 - 10:00 hrs
889	☐	SWMH-M7-005	12.17	82.82	w Maximum	0.00	0 - 10:00 hrs	0.00	258.33	0.00	29.00	3,459.24	1.66	6.17	0.00	0.00	0.00	10.84	0 - 10:00 hrs
890	☐	SWMH-M7-006	11.49	83.30	w Maximum	0.41	0 - 10:00 hrs	0.00	258.47	0.00	29.02	1,888.00	1.71	5.49	0.41	0.00	0.00	0.00	0 - 00:00 hrs
891	☐	SWMH-M7-007	1.20	55.00	low Link Cro	16.00	0 - 10:06 hrs	0.00	10.17	0.00	0.44	145.87	0.00	0.00	0.00	0.00	0.00	0.00	0 - 00:00 hrs
892	☐	SWMH-M7-008	1.20	59.16	low Link Cro	17.34	0 - 10:03 hrs	0.00	10.25	0.00	0.44	-159.16	0.00	0.00	0.00	0.00	0.00	0.00	0 - 00:00 hrs
893	☐	SWMH-M7-009	6.60	81.87	Surcharged	0.00	0 - 10:02 hrs	0.00	28.14	0.00	0.81	-41.52	0.95	4.10	0.00	0.00	0.01	20.73	0 - 10:02 hrs
894	☐	SWMH-M7-010	10.56	82.68	w Maximum	0.74	0 - 10:00 hrs	0.00	38.38	0.00	2.99	217.68	8.01	8.25	0.74	0.00	0.00	0.00	0 - 00:00 hrs
895	☐	SWMH-M7-011	10.71	84.48	w Maximum	1.17	0 - 10:00 hrs	0.00	38.37	0.00	3.00	112.66	3.15	8.46	1.17	0.00	0.00	0.00	0 - 00:00 hrs
896	☐	SWMH-M7-013	6.50	82.88	w Maximum	0.00	0 - 10:02 hrs	17.41	17.41	0.80	0.80	0.00	0.75	4.29	0.00	0.00	0.01	3.45	0 - 10:02 hrs
897	☐	SWMH-M7-014	10.84	86.15	Surcharged	0.00	0 - 09:56 hrs	36.69	40.72	1.87	3.04	250.19	2.38	8.59	0.00	0.04	0.26	11.35	0 - 10:03 hrs
898	☐	SWMH-M7-016	10.60	84.88	w Maximum	0.57	0 - 10:00 hrs	0.00	38.38	0.00	3.00	-68.86	2.76	8.35	0.57	0.00	0.00	0.00	0 - 00:00 hrs
899	☐	SWMH-M7-018	13.04	82.00	Surcharged	0.00	0 - 10:00 hrs	0.00	274.11	0.00	29.78	268.08	1.16	5.31	0.00	0.00	0.00	35.17	0 - 10:00 hrs
900	☐	SWMH-M7-019	14.52	82.25	w Maximum	0.00	0 - 10:00 hrs	2.73	267.97	0.10	29.87	576.05	1.95	10.02	0.00	0.00	0.00	39.13	0 - 10:00 hrs
901	☐	SWMH-M7-020	1.14	62.91	low Link Cro	18.09	0 - 09:59 hrs	10.71	10.71	0.44	0.44	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0 - 00:00 hrs
902	☐	SWMH-M7-024	7.38	81.77	w Maximum	0.00	0 - 10:00 hrs	0.00	37.28	0.00	0.81	-6.80	1.06	4.60	0.00	0.00	0.00	29.33	0 - 10:00 hrs
903	☐	SWMH-M8-001	9.60	82.31	w Maximum	0.00	0 - 10:00 hrs	13.11	275.01	0.51	26.54	1,591.50	1.73	3.60	0.00	0.51	0.47	88.75	0 - 10:03 hrs
904	☐	SWMH-M8-002	10.37	84.51	Surcharged	0.00	0 - 10:00 hrs	31.64	263.49	1.59	26.04	936.78	1.52	4.37	0.00	0.00	0.00	7.06	0 - 10:00 hrs
905	☐	SWMH-M8-003	10.05	84.52	w Maximum	0.00	0 - 10:00 hrs	24.93	233.03	1.18	24.45	901.02	1.48	4.05	0.00	0.00	0.01	23.08	0 - 10:00 hrs
906	☐	SWMH-M8-004	11.40	87.63	w Maximum	0.00	0 - 10:00 hrs	0.00	209.37	0.00	23.27	1,481.44	1.56	5.90	0.00	0.00	0.00	39.21	0 - 10:00 hrs
907	☐	SWMH-M8-005	11.40	89.31	Surcharged	0.00	0 - 10:00 hrs	0.00	233.06	0.00	23.31	1,470.02	1.49	5.90	0.00	0.01	0.01	65.13	0 - 10:00 hrs
908	☐	SWMH-M8-006	13.20	92.84	w Maximum	0.00	0 - 10:00 hrs	0.00	238.04	0.00	23.32	1,434.70	1.44	7.70	0.00	0.00	0.00	17.79	0 - 10:00 hrs
909	☐	SWMH-M8-007	12.04	93.85	w Maximum	2.24	0 - 10:03 hrs	16.56	246.57	0.68	23.33	3,486.59	1.22	6.53	2.24	0.00	0.00	0.00	0 - 00:00 hrs
910	☐	SWMH-M8-008	10.61	94.08	w Maximum	2.49	0 - 10:07 hrs	0.00	97.14	0.00	8.36	351.25	1.15	6.11	2.49	0.00	0.00	0.00	0 - 00:00 hrs
911	☐	SWMH-M8-009	8.70	84.35	w Maximum	0.00	0 - 10:00 hrs	0.00	0.50	0.00	0.00	0.00	1.99	6.45	0.00	0.00	0.00	0.30	0 - 10:00 hrs
912	☐	SWMH-M8-016	10.85	94.50	w Maximum	1.50	0 - 10:00 hrs	0.00	102.38	0.00	8.36	-7.66	1.15	6.35	1.50	0.00	0.00	0.00	0 - 00:00 hrs
913	☐	SWMH-M8-017	11.84	94.49	w Maximum	2.60	0 - 10:00 hrs	0.00	154.48	0.00	14.30	327.54	1.17	6.84	2.60	0.00	0.00	0.00	0 - 00:00 hrs
914	☐	SWMH-M9-001	9.42	97.41	w Maximum	0.20	0 - 10:00 hrs	11.30	11.30	0.48	0.48	0.00	0.88	7.42	0.20	0.00	0.00	0.00	0 - 00:00 hrs
915	☐	SWMH-M9-002	7.93	99.59	w Maximum	2.32	0 - 10:45 hrs	30.83	123.58	1.30	7.02	749.50	7.86	3.93	2.32	0.00	0.00	0.00	0 - 00:00 hrs
916	☐	SWMH-M9-003	8.14	99.59	w Maximum	2.46	0 - 10:49 hrs	0.00	123.81	0.00	7.01	5.66	7.84	3.94	2.46	0.00	0.00	0.00	0 - 00:00 hrs
917	☐	SWMH-M9-004	10.50	100.09	w Maximum	3.30	0 - 10:00 hrs	10.22	146.66	0.38	7.16	913.71	0.58	5.88	3.30	0.00	0.00	0.00	0 - 00:00 hrs
918	☐	SWMH-M9-005	10.70	98.91	w Maximum	2.60	0 - 10:00 hrs	0.00	164.51	0.00	14.15	118.67	0.81	5.98	2.60	0.00	0.00	0.00	0 - 00:00 hrs
919	☐	SWMH-M9-006	11.87	96.51	w Maximum	1.31	0 - 10:00 hrs	0.00	153.94	0.00	14.31	147.61	1.18	7.36	1.31	0.00	0.00	0.00	0 - 00:00 hrs
920	☐	SWMH-M9-007	12.22	96.29	w Maximum	1.20	0 - 10:00 hrs	0.00	153.36	0.00	14.30	547.91	1.15	7.40	1.20	0.00	0.00	0.00	0 - 00:00 hrs
921	☐	SWMH-M9-008	11.97	95.43	w Maximum	2.08	0 - 10:00 hrs	0.00	153.39	0.00	14.30	-400.03	1.15	7.27	2.08	0.00	0.00	0.00	0 - 00:00 hrs
922	☐	SWMH-M9-009	12.19	94.94	w Maximum	2.21	0 - 10:00 hrs	0.00	153.94	0.00	14.30	945.63	1.18	7.19	2.21	0.00	0.00	0.00	0 - 00:00 hrs
923	☐	SWMH-M9-010	11.70	97.42	w Maximum	0.74	0 - 10:00 hrs	5.45	154.18	0.20	14.30	-471.17	1.11	6.94	0.74	0.00	0.00	0.00	0 - 00:00 hrs
924	☐	SWMH-N1-001	15.09	38.23	w Maximum	0.03	0 - 11:37 hrs	0.00	65.76	0.00	17.73	15,781.94	40.60	9.09	0.03	0.00	0.00	0.00	0 - 00:00 hrs
925	☐	SWMH-N1-005	10.34	36.00	w Maximum	0.00	0 - 09:51 hrs	1.64	66.80	0.06	25.38	15,504.60	39.23	6.00	0.00	3.64	13.20	15.69	0 - 12:30 hrs
926	☐	SWMH-N1-006	11.82	37.51	Surcharged	0.00	0 - 09:55 hrs	21.62	46.29	0.95	13.44	8,370.95	40.63	8.32	0.00	0.01	0.31	4.87	0 - 10:03 hrs
927	☐	SWMH-N1-007	13.26	38.59	w Maximum	1.41	0 - 12:23 hrs	0.00	46.96	0.00	14.51	7,908.54	30.86	5.00	1.41	0.00	0.00	0.00	0 - 00:00 hrs
928	☐	SWMH-N1-008	12.53	39.13	w Maximum	0.22	0 - 12:33 hrs	0.00	182.12	0.00	16.27	16,475.39	31.58	6.02	0.22	0.00	0.00	0.00	0 - 00:00 hrs
929	☐	SWMH-N1-009	12.43	39.13	Surcharged	-0.34	0 - 12:17 hrs	0.00	182.17	0.00	16.39	16,056.03	31.45	5.92	0.00	0.00	0.00	0.00	0 - 00:00 hrs
930	☐	SWMH-N1-010	8.34	39.02	w Maximum	0.00	0 - 10:56 hrs	0.00	50.23	0.00	6.37	4,683.06	29.56	4.34	0.00	0.00	0.48	0.14	0 - 12:06 hrs
931	☐	SWMH-N1-014	5.90	35.82	Surcharged	0.00	0 - 09:32 hrs	9.39	9.51	0.40	0.49	0.00	35.69	4.40	0.00	0.40	14.43	9.51	0 - 09:59 hrs

FUTURE CONDITIONS 5-YR 24-HR CLIMATE CHANGE JUNCTIONS

		ID	Maximum Depth (ft)	Maximum HGL (ft)	Maximum HGL Head Class	Freeboard (ft)	Max.Depth Day-Time (day-time)	Maximum Lateral Inflow (cfs)	Maximum Total Inflow (cfs)	Lateral Inflow Volume (MG)	Total Inflow Volume (MG)	Flow Volume Difference (MG)	Total Surcharge Time (hrs)	Max.Surchar ge Height Above Ground (ft)	Min.Surchar ge Depth Below Rim (ft)	Total Flood Volume (MG)	Total Flood Time (hrs)	Maximum Flood Rate (cfs)	Max.Flood Day-Time (day-time)
932	☐	SWMH-N1-015	7.75	38.59	W Maximum	1.36	0 - 12:41 hrs	0.00	16.02	0.00	1.99	2,805.38	28.64	2.83	1.36	0.00	0.00	0.00	0 - 00:00 hrs
933	☐	SWMH-N1-016	13.11	39.02	W Maximum	1.19	0 - 12:32 hrs	0.00	46.96	0.00	14.33	1,097.69	40.48	9.61	1.19	0.00	0.00	0.00	0 - 00:00 hrs
934	☐	SWMH-N1-017	13.25	39.02	W Maximum	1.07	0 - 12:27 hrs	0.00	46.96	0.00	14.30	2,272.61	40.60	9.75	1.07	0.00	0.00	0.00	0 - 00:00 hrs
935	☐	SWMH-N2-001	6.84	39.47	W Maximum	0.00	0 - 10:00 hrs	0.00	20.92	0.00	2.09	3,266.88	28.84	3.95	0.00	0.00	0.00	0.00	0 - 00:00 hrs
936	☐	SWMH-N2-002	6.51	40.37	W Maximum	0.39	0 - 09:55 hrs	3.18	20.91	0.11	2.10	3,030.87	28.39	3.76	0.39	0.00	0.00	0.00	0 - 00:00 hrs
937	☐	SWMH-N2-003	6.94	41.03	W Maximum	0.91	0 - 09:55 hrs	9.71	17.74	0.40	2.00	2,873.07	28.20	4.19	0.91	0.00	0.00	0.00	0 - 00:00 hrs
938	☐	SWMH-N2-004	6.56	41.30	W Maximum	1.70	0 - 09:55 hrs	0.00	12.55	0.00	1.62	1,429.10	21.29	3.81	1.70	0.00	0.00	0.00	0 - 00:00 hrs
939	☐	SWMH-N2-005	6.45	41.33	Surcharged	0.00	0 - 09:55 hrs	0.00	12.56	0.00	1.62	535.06	17.19	3.40	0.00	0.00	0.00	0.21	0 - 09:55 hrs
940	☐	SWMH-N2-007	11.57	39.92	W Maximum	0.08	0 - 10:03 hrs	11.33	180.41	0.44	23.89	23,803.69	30.03	5.57	0.08	0.00	0.00	0.00	0 - 00:00 hrs
941	☐	SWMH-N2-008	11.71	40.88	W Maximum	0.71	0 - 09:55 hrs	0.00	169.11	0.00	22.92	12,262.46	29.29	5.71	0.71	0.00	0.00	0.00	0 - 00:00 hrs
942	☐	SWMH-N2-009	10.77	41.42	W Maximum	2.55	0 - 09:55 hrs	0.00	166.94	0.00	23.35	7,789.22	16.06	3.38	2.55	0.00	0.00	0.00	0 - 00:00 hrs
943	☐	SWMH-N2-010	11.15	41.89	W Maximum	1.61	0 - 09:55 hrs	0.00	166.90	0.00	23.49	19,089.07	14.18	3.65	1.61	0.00	0.00	0.00	0 - 00:00 hrs
944	☐	SWMH-N2-011	7.90	44.42	Surcharged	0.00	0 - 09:53 hrs	7.77	21.73	0.31	2.17	147.10	6.65	5.05	0.00	0.00	0.00	16.26	0 - 09:53 hrs
945	☐	SWMH-N2-012	8.45	38.90	Surcharged	0.00	0 - 09:53 hrs	0.00	26.98	0.00	2.46	428.97	32.66	6.20	0.00	1.14	3.79	22.99	0 - 09:56 hrs
946	☐	SWMH-N2-013	8.40	38.86	Surcharged	0.00	0 - 09:52 hrs	0.00	16.63	0.00	1.89	648.03	32.64	6.15	0.00	1.26	4.21	16.63	0 - 10:25 hrs
947	☐	SWMH-N2-014	8.57	39.29	W Maximum	0.41	0 - 09:57 hrs	0.00	13.99	0.00	1.21	1,057.75	31.90	6.23	0.41	0.00	0.00	0.00	0 - 00:00 hrs
948	☐	SWMH-N2-015	8.55	39.57	Surcharged	0.00	0 - 09:55 hrs	0.00	14.00	0.00	1.21	798.05	31.58	6.30	0.00	0.00	0.02	0.02	0 - 10:30 hrs
949	☐	SWMH-N2-016	8.18	39.58	Surcharged	0.00	0 - 09:52 hrs	27.61	27.61	1.36	1.36	0.00	31.31	6.18	0.00	0.14	0.75	17.67	0 - 10:03 hrs
950	☐	SWMH-N2-017	8.81	41.14	W Maximum	1.03	0 - 09:57 hrs	0.00	15.92	0.00	1.26	1,246.18	29.80	6.55	1.03	0.00	0.00	0.00	0 - 00:00 hrs
951	☐	SWMH-N2-018	7.70	41.24	Surcharged	0.00	0 - 09:55 hrs	11.13	18.98	0.47	1.32	1,917.78	28.93	5.45	0.00	0.05	0.47	8.81	0 - 09:59 hrs
952	☐	SWMH-N2-019	7.05	42.63	W Maximum	0.00	0 - 09:49 hrs	0.00	9.51	0.00	0.85	621.45	18.29	4.80	0.00	0.00	0.00	2.48	0 - 09:49 hrs
953	☐	SWMH-N2-020	7.71	39.35	W Maximum	0.56	0 - 11:25 hrs	14.58	50.23	0.66	6.45	6,319.22	28.77	3.59	0.56	0.00	0.00	0.00	0 - 00:00 hrs
954	☐	SWMH-N2-022	4.40	44.86	W Maximum	0.00	0 - 09:52 hrs	19.46	19.46	0.94	0.94	0.00	1.99	2.90	0.00	0.09	0.59	11.61	0 - 10:03 hrs
955	☐	SWMH-N2-023	4.85	39.09	W Maximum	0.00	0 - 09:55 hrs	0.00	2.70	0.00	0.08	0.00	28.63	3.10	0.00	0.07	2.15	2.70	0 - 11:14 hrs
956	☐	SWMH-N3-001	6.24	49.11	Surcharged	0.00	0 - 09:56 hrs	17.25	44.16	0.80	1.03	133.88	1.55	3.49	0.00	0.01	0.12	7.53	0 - 09:59 hrs
957	☐	SWMH-N3-002	5.91	49.27	Surcharged	0.00	0 - 09:56 hrs	0.00	9.90	0.00	0.24	8.35	1.45	3.41	0.00	0.00	0.01	9.76	0 - 09:56 hrs
958	☐	SWMH-N3-003	6.02	50.58	W Maximum	0.00	0 - 09:56 hrs	21.98	33.32	1.07	4.01	776.40	2.75	3.75	0.00	0.04	0.27	10.14	0 - 10:03 hrs
959	☐	SWMH-N3-004	6.00	51.18	W Maximum	0.32	0 - 10:02 hrs	0.00	14.31	0.00	2.94	295.15	2.94	3.75	0.32	0.00	0.00	0.00	0 - 00:00 hrs
960	☐	SWMH-N3-005	5.04	48.66	Surcharged	0.00	0 - 09:56 hrs	5.49	12.85	0.24	0.28	32.80	1.56	3.00	0.00	0.06	0.30	11.08	0 - 10:03 hrs
961	☐	SWMH-N3-007	8.45	45.20	W Maximum	0.00	0 - 09:53 hrs	19.31	69.83	0.92	7.69	-1,344.90	4.80	4.70	0.00	0.00	0.00	10.30	0 - 09:53 hrs
962	☐	SWMH-N3-008	8.74	46.76	W Maximum	0.00	0 - 09:55 hrs	0.00	51.97	0.00	6.78	1,109.35	3.57	4.99	0.00	0.00	0.01	26.82	0 - 09:55 hrs
963	☐	SWMH-N3-010	5.54	48.12	Surcharged	0.00	0 - 09:48 hrs	21.63	26.35	1.07	2.33	161.95	4.11	3.54	0.00	0.01	0.19	4.03	0 - 09:48 hrs
964	☐	SWMH-N3-011	5.63	51.31	W Maximum	0.49	0 - 10:08 hrs	0.00	8.64	0.00	1.79	72.36	3.98	3.88	0.49	0.00	0.00	0.00	0 - 00:00 hrs
965	☐	SWMH-N3-012	4.89	51.29	W Maximum	0.00	0 - 09:56 hrs	0.00	8.63	0.00	1.79	98.79	4.69	3.39	0.00	0.00	0.31	0.23	0 - 10:03 hrs
966	☐	SWMH-N3-013	4.90	51.80	Surcharged	0.00	0 - 09:41 hrs	21.83	25.25	1.05	2.06	217.87	7.80	3.40	0.00	0.26	1.32	21.61	0 - 10:03 hrs
967	☐	SWMH-N3-014	9.22	47.62	Surcharged	0.00	0 - 09:56 hrs	32.12	63.40	1.51	6.83	-21.14	4.10	5.50	0.00	0.04	0.20	12.88	0 - 10:03 hrs
968	☐	SWMH-N3-019	4.74	49.07	Surcharged	0.00	0 - 09:48 hrs	7.25	7.25	0.29	0.29	19.32	3.57	3.74	0.00	0.03	0.55	4.42	0 - 09:59 hrs
969	☐	SWMH-N3-020	5.90	48.50	W Maximum	0.00	0 - 09:48 hrs	0.00	8.04	0.00	1.03	120.44	5.04	4.40	0.00	0.00	0.20	0.24	0 - 09:48 hrs
970	☐	SWMH-N3-024	10.23	49.53	W Maximum	0.00	0 - 09:56 hrs	8.27	50.95	0.32	5.60	1,501.54	1.45	3.67	0.00	0.00	0.00	16.55	0 - 09:56 hrs
971	☐	SWMH-N3-026	4.80	49.67	Surcharged	0.00	0 - 09:56 hrs	0.00	7.64	0.00	0.09	0.00	3.32	2.95	0.00	0.08	0.49	7.64	0 - 10:10 hrs
972	☐	SWMH-N4-001	5.65	51.22	Surcharged	0.00	0 - 09:56 hrs	12.26	24.72	0.53	1.25	155.30	2.02	3.37	0.00	0.09	0.32	16.81	0 - 10:03 hrs
973	☐	SWMH-N4-002	7.49	50.06	W Maximum	0.61	0 - 10:00 hrs	0.00	97.16	0.00	7.89	285.58	1.64	3.49	0.61	0.00	0.00	0.00	0 - 00:00 hrs
974	☐	SWMH-N4-003	6.80	51.44	W Maximum	0.00	0 - 09:56 hrs	3.25	33.22	0.11	2.70	127.06	1.81	3.72	0.00	0.00	0.01	0.35	0 - 09:56 hrs
975	☐	SWMH-N4-004	6.40	55.17	W Maximum	0.00	0 - 09:56 hrs	0.00	26.73	0.00	2.31	105.02	1.38	3.58	0.00	0.00	0.00	0.74	0 - 09:56 hrs
976	☐	SWMH-N4-005	6.36	55.61	W Maximum	0.00	0 - 09:56 hrs	14.24	26.72	0.63	2.31	100.00	1.54	3.86	0.00	0.00	0.00	0.33	0 - 09:56 hrs
977	☐	SWMH-N4-006	6.15	55.23	W Maximum	0.00	0 - 09:55 hrs	0.00	18.01	0.00	1.70	395.55	2.16	3.98	0.00	0.00	0.16	2.12	0 - 09:59 hrs
978	☐	SWMH-N4-007	6.08	56.01	W Maximum	0.00	0 - 09:51 hrs	39.29	39.30	1.95	1.97	190.18	2.54	4.08	0.00	0.25	0.66	30.29	0 - 10:03 hrs
979	☐	SWMH-N4-008	6.22	56.48	W Maximum	0.65	0 - 09:49 hrs	0.00	2.79	0.00	0.02	27.58	2.15	4.22	0.65	0.00	0.00	0.00	0 - 00:00 hrs
980	☐	SWMH-N4-009	7.54	51.13	W Maximum	0.14	0 - 09:56 hrs	0.00	30.35	0.00	0.99	600.70	2.01	4.97	0.14	0.00	0.00	0.00	0 - 00:00 hrs

FUTURE CONDITIONS 5-YR 24-HR CLIMATE CHANGE JUNCTIONS

		ID	Maximum Depth (ft)	Maximum HGL (ft)	Maximum HGL Head Class	Freeboard (ft)	Max.Depth Day-Time (day-time)	Maximum Lateral Inflow (cfs)	Maximum Total Inflow (cfs)	Lateral Inflow Volume (MG)	Total Inflow Volume (MG)	Flow Volume Difference (#?)	Total Surcharge Time (hrs)	Max.Surchar ge Height Above Crown	Min.Surchar ge Depth Below Rim (ft)	Total Flood Volume (MG)	Total Flood Time (hrs)	Maximum Flood Rate (cfs)	Max.Flood Day-Time (day-time)
981	☐	SWMH-N4-010	7.30	51.56	w Maximum	0.00	0 - 09:56 hrs	9.97	30.34	0.42	1.00	44.10	1.67	4.80	0.00	0.00	0.15	2.63	0 - 09:59 hrs
982	☐	SWMH-N4-011	5.50	51.76	w Maximum	0.00	0 - 09:52 hrs	10.06	36.39	0.42	3.08	552.29	1.80	2.95	0.00	0.04	0.27	8.04	0 - 09:59 hrs
983	☐	SWMH-N4-012	5.28	52.15	Surcharged	0.00	0 - 09:52 hrs	0.00	28.24	0.00	2.66	267.76	1.75	2.73	0.00	0.00	0.01	0.07	0 - 09:52 hrs
984	☐	SWMH-N4-021	7.34	50.57	Surcharged	0.00	0 - 09:55 hrs	7.27	36.46	0.29	1.43	-323.17	1.95	4.44	0.00	0.00	0.00	8.67	0 - 09:55 hrs
985	☐	SWMH-N4-022	6.00	50.67	Surcharged	0.00	0 - 09:56 hrs	0.00	9.47	0.00	0.15	196.75	1.94	4.50	0.00	0.00	0.00	8.85	0 - 09:56 hrs
986	☐	SWMH-N4-025	6.28	57.85	Surcharged	0.00	0 - 09:49 hrs	0.00	2.16	0.00	0.00	0.00	1.76	4.78	0.00	0.00	0.00	1.56	0 - 09:49 hrs
987	☐	SWMH-N4-026	4.50	54.80	Surcharged	0.00	0 - 09:49 hrs	0.00	2.07	0.00	0.01	0.00	1.80	3.25	0.00	0.01	0.31	2.07	0 - 10:06 hrs
988	☐	SWMH-N4-030	7.05	52.10	Surcharged	0.00	0 - 09:56 hrs	0.00	30.36	0.00	0.58	-137.89	1.27	3.28	0.00	0.00	0.01	14.31	0 - 09:56 hrs
989	☐	SWMH-N4-031	5.43	52.33	Surcharged	0.00	0 - 09:52 hrs	55.65	55.65	3.05	3.05	0.00	1.99	2.73	0.00	0.39	0.73	42.87	0 - 10:03 hrs
990	☐	SWMH-N4-032	6.25	51.33	w Maximum	0.00	0 - 09:56 hrs	2.25	47.90	0.07	3.92	-281.59	1.60	3.25	0.00	0.01	0.14	37.30	0 - 09:56 hrs
991	☐	SWMH-N4-033	6.10	55.37	Surcharged	0.00	0 - 09:56 hrs	0.00	18.03	0.00	1.68	29.10	1.75	4.10	0.00	0.00	0.00	0.31	0 - 09:56 hrs
992	☐	SWMH-N5-001	12.41	53.28	w Maximum	9.33	0 - 10:02 hrs	37.82	167.42	1.71	17.87	14,340.84	2.21	3.29	9.33	0.00	0.00	0.00	0 - 00:00 hrs
993	☐	SWMH-N5-003	8.11	53.36	w Maximum	1.14	0 - 09:59 hrs	0.00	25.55	0.00	1.31	4,596.53	3.40	4.11	1.14	0.00	0.00	0.00	0 - 00:00 hrs
994	☐	SWMH-N5-004	7.55	53.38	w Maximum	2.62	0 - 09:59 hrs	0.00	13.53	0.00	1.27	2,009.75	2.45	3.55	2.62	0.00	0.00	0.00	0 - 00:00 hrs
995	☐	SWMH-N5-005	6.09	53.66	w Maximum	0.64	0 - 10:03 hrs	0.00	12.87	0.00	1.24	551.04	3.25	4.09	0.64	0.00	0.00	0.00	0 - 00:00 hrs
996	☐	SWMH-N5-007	5.19	53.80	w Maximum	0.00	0 - 09:49 hrs	30.19	30.19	1.44	1.44	0.00	2.47	3.19	0.00	0.20	0.65	24.43	0 - 10:03 hrs
997	☐	SWMH-N5-009	3.43	51.38	Surcharged	0.00	0 - 09:52 hrs	0.00	29.22	0.00	0.22	11.73	1.01	0.68	0.00	0.19	0.45	28.99	0 - 10:03 hrs
998	☐	SWMH-N5-013	5.15	52.30	w Maximum	4.73	0 - 10:03 hrs	0.00	29.23	0.00	0.27	298.55	1.27	2.40	4.73	0.00	0.00	0.00	0 - 00:00 hrs
999	☐	SWMH-N5-015	3.42	53.30	w Maximum	0.28	0 - 10:03 hrs	0.00	4.86	0.00	0.00	0.00	0.99	1.42	0.28	0.00	0.00	0.00	0 - 00:00 hrs
1000	☐	SWMH-N6-001	18.38	56.26	Surcharged	0.00	0 - 00:00 hrs	0.00	361.82	0.00	18.60	12,449.95	47.98	13.25	0.00	0.01	0.00	239.21	0 - 00:00 hrs
1001	☐	SWMH-N6-002	8.32	55.05	w Maximum	4.22	0 - 09:47 hrs	30.25	69.09	1.48	6.69	1,624.89	7.22	5.57	4.22	0.00	0.00	0.00	0 - 00:00 hrs
1002	☐	SWMH-N6-003	11.43	59.94	w Maximum	1.22	0 - 09:47 hrs	0.00	43.80	0.00	5.17	-511.71	2.16	8.08	1.22	0.00	0.00	0.00	0 - 00:00 hrs
1003	☐	SWMH-N6-004	3.69	57.07	w Maximum	4.26	0 - 10:00 hrs	0.00	1.23	0.00	0.00	0.00	0.13	2.19	4.26	0.00	0.00	0.00	0 - 00:00 hrs
1004	☐	SWMH-N6-005	4.66	56.94	w Maximum	4.82	0 - 10:00 hrs	17.35	17.35	0.72	0.72	108.49	0.17	2.43	4.82	0.00	0.00	0.00	0 - 00:00 hrs
1005	☐	SWMH-N6-006	15.93	60.89	Surcharged	0.00	0 - 00:01 hrs	0.00	28.61	0.00	0.73	612.62	47.95	13.75	0.00	0.00	0.00	9.70	0 - 00:01 hrs
1006	☐	SWMH-N6-013	6.53	53.92	w Maximum	5.08	0 - 09:51 hrs	0.00	37.54	0.00	2.50	399.52	2.68	4.52	5.08	0.00	0.00	0.00	0 - 00:00 hrs
1007	☐	SWMH-N6-014?	6.67	52.61	w Maximum	0.65	0 - 00:00 hrs	0.00	38.87	0.00	2.50	753.09	47.98	4.16	0.65	0.00	0.00	0.00	0 - 00:00 hrs
1008	☐	SWMH-N6-017	8.92	54.95	w Maximum	3.58	0 - 00:03 hrs	0.00	69.11	0.00	6.72	1,971.26	3.73	5.42	3.58	0.00	0.00	0.00	0 - 00:00 hrs
1009	☐	SWMH-N7-003	3.90	56.36	low Link Cro	10.46	0 - 10:00 hrs	0.00	33.43	0.00	6.02	876.81	0.00	0.00	0.00	0.00	0.00	0.00	0 - 00:00 hrs
1010	☐	SWMH-N7-004	3.50	56.76	w Maximum	7.74	0 - 10:04 hrs	0.00	26.02	0.00	5.66	386.38	2.01	1.00	7.74	0.00	0.00	0.00	0 - 00:00 hrs
1011	☐	SWMH-N7-005	2.01	57.90	low Link Cro	10.60	0 - 10:00 hrs	0.00	25.86	0.00	5.65	260.41	0.00	0.00	0.00	0.00	0.00	0.00	0 - 00:00 hrs
1012	☐	SWMH-N7-006	7.19	68.00	w Maximum	0.00	0 - 09:36 hrs	35.69	46.69	2.01	5.84	802.56	7.67	5.19	0.00	0.18	0.83	21.95	0 - 10:03 hrs
1013	☐	SWMH-N7-007	5.50	64.78	w Maximum	0.00	0 - 09:56 hrs	9.15	9.15	0.35	0.35	0.00	0.36	4.00	0.00	0.00	0.00	1.13	0 - 09:56 hrs
1014	☐	SWMH-N8-001	1.81	64.13	low Link Cro	7.87	0 - 10:22 hrs	0.00	25.20	0.00	2.56	97.42	0.00	0.00	0.00	0.00	0.00	0.00	0 - 00:00 hrs
1015	☐	SWMH-N8-002	10.92	80.00	w Maximum	0.00	0 - 09:53 hrs	44.81	44.81	2.68	2.68	0.00	1.72	8.92	0.00	0.12	0.47	19.59	0 - 10:03 hrs
1016	☐	SWMH-N8-003	1.80	69.26	low Link Cro	8.44	0 - 10:04 hrs	0.00	38.45	0.00	2.24	-303.36	0.00	0.00	0.00	0.00	0.00	0.00	0 - 00:00 hrs
1017	☐	SWMH-N8-004	2.38	71.96	low Link Cro	3.04	0 - 10:04 hrs	39.11	39.11	2.25	2.25	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0 - 00:00 hrs
1018	☐	SWMH-N8-005	7.65	71.00	w Maximum	0.00	0 - 09:33 hrs	19.84	36.92	1.00	4.62	1,111.41	9.39	5.65	0.00	0.79	3.07	25.91	0 - 10:03 hrs
1019	☐	SWMH-N8-007	12.71	78.80	Surcharged	0.00	0 - 09:33 hrs	70.54	70.54	4.44	4.44	0.00	8.49	10.71	0.00	0.81	2.27	53.43	0 - 10:03 hrs
1020	☐	SWMH-O1-001	12.56	39.06	Surcharged	-1.16	0 - 12:38 hrs	0.00	262.27	0.00	36.50	36,937.25	31.66	6.02	0.00	0.00	0.00	0.00	0 - 00:00 hrs
1021	☐	SWMH-O2-001	9.94	39.70	w Maximum	0.30	0 - 11:06 hrs	0.00	89.87	0.00	14.59	17,955.30	29.88	5.12	0.30	0.00	0.00	0.00	0 - 00:00 hrs
1022	☐	SWMH-O2-002	9.80	40.48	w Maximum	0.52	0 - 09:52 hrs	11.52	89.87	0.47	14.02	16,146.61	29.53	5.30	0.52	0.00	0.00	0.00	0 - 00:00 hrs
1023	☐	SWMH-O2-003	10.73	42.72	w Maximum	0.28	0 - 09:59 hrs	33.08	108.44	1.56	16.27	29,894.33	22.49	5.20	0.28	0.00	0.00	0.00	0 - 00:00 hrs
1024	☐	SWMH-O2-005	9.12	39.94	w Maximum	2.06	0 - 09:53 hrs	0.00	12.32	0.00	1.27	3,192.27	29.28	4.31	2.06	0.00	0.00	0.00	0 - 00:00 hrs
1025	☐	SWMH-O2-006	8.40	39.94	w Maximum	0.12	0 - 09:57 hrs	10.34	12.34	0.43	1.29	2,021.01	32.41	5.33	0.12	0.00	0.00	0.00	0 - 00:00 hrs
1026	☐	SWMH-O2-007	8.23	40.04	w Maximum	0.00	0 - 09:49 hrs	13.09	25.96	0.58	1.12	749.43	40.49	5.73	0.00	0.03	0.26	7.84	0 - 09:59 hrs
1027	☐	SWMH-O2-008	8.28	40.55	w Maximum	0.07	0 - 09:57 hrs	12.86	12.86	0.54	0.54	0.00	34.57	6.03	0.07	0.00	0.00	0.00	0 - 00:00 hrs
1028	☐	SWMH-O2-009	7.20	42.07	Surcharged	0.00	0 - 09:53 hrs	0.00	60.44	0.00	3.06	2,306.67	13.76	3.63	0.00	0.92	1.21	60.44	0 - 10:03 hrs
1029	☐	SWMH-O2-013	8.52	44.39	w Maximum	0.00	0 - 09:53 hrs	0.00	82.98	0.00	4.28	-972.27	4.76	4.30	0.00	0.00	0.00	78.54	0 - 09:53 hrs

FUTURE CONDITIONS 5-YR 24-HR CLIMATE CHANGE JUNCTIONS

		ID	Maximum Depth (ft)	Maximum HGL (ft)	Maximum HGL Head Class	Freeboard (ft)	Max.Depth Day-Time (day-time)	Maximum Lateral Inflow (cfs)	Maximum Total Inflow (cfs)	Lateral Inflow Volume (MG)	Total Inflow Volume (MG)	Flow Volume Difference (MG)	Total Surcharge Time (hrs)	Max.Surchar ge Height Above Ground	Min.Surchar ge Depth Below Rim	Total Flood Volume (MG)	Total Flood Time (hrs)	Maximum Flood Rate (cfs)	Max.Flood Day-Time (day-time)
1030	☐	SWMH-O2-014	13.34	44.56	Surcharged	0.00	0 - 09:55 hrs	0.00	140.47	0.00	20.81	16,854.16	7.03	5.20	0.00	0.00	0.00	11.26	0 - 09:55 hrs
1031	☐	SWMH-O2-016	8.08	39.76	Surcharged	0.00	0 - 09:48 hrs	0.00	19.98	0.00	1.09	0.00	31.08	5.08	0.00	0.22	0.92	19.95	0 - 09:59 hrs
1032	☐	SWMH-O3-002	7.84	45.06	Maximum	0.00	0 - 09:55 hrs	0.25	29.60	0.01	1.77	1,642.19	4.99	5.00	0.00	0.00	0.00	26.32	0 - 09:55 hrs
1033	☐	SWMH-O3-005	8.50	49.24	Maximum	0.00	0 - 09:57 hrs	12.70	30.17	0.52	1.79	44.37	2.51	5.75	0.00	0.00	0.00	28.66	0 - 09:57 hrs
1034	☐	SWMH-O3-006	7.52	49.23	Maximum	0.00	0 - 09:57 hrs	0.00	41.42	0.00	1.27	30.66	2.15	4.77	0.00	0.00	0.01	0.97	0 - 09:59 hrs
1035	☐	SWMH-O3-007	6.58	49.36	Maximum	0.00	0 - 09:56 hrs	0.00	44.17	0.00	0.82	401.51	1.53	3.80	0.00	0.00	0.00	19.38	0 - 09:56 hrs
1036	☐	SWMH-O3-008	7.07	49.43	Maximum	0.28	0 - 09:57 hrs	0.00	8.86	0.00	0.45	-8.83	2.20	5.03	0.28	0.00	0.00	0.00	0 - 00:00 hrs
1037	☐	SWMH-O3-009	6.74	49.35	Surcharged	0.00	0 - 09:57 hrs	0.00	9.48	0.00	0.45	29.43	1.92	4.66	0.00	0.00	0.00	8.92	0 - 09:57 hrs
1038	☐	SWMH-O3-010	12.83	44.14	Maximum	0.82	0 - 09:55 hrs	3.05	129.08	0.11	11.57	9,902.21	28.56	7.32	0.82	0.00	0.00	0.00	0 - 00:00 hrs
1039	☐	SWMH-O3-013	13.06	45.22	Maximum	0.00	0 - 09:53 hrs	25.59	126.60	1.24	11.65	13,987.48	20.46	7.56	0.00	0.00	0.00	0.52	0 - 09:53 hrs
1040	☐	SWMH-O3-014	13.30	46.70	Maximum	0.00	0 - 09:53 hrs	0.00	101.02	0.00	10.49	2,880.85	9.74	7.80	0.00	0.00	0.00	2.11	0 - 09:53 hrs
1041	☐	SWMH-O3-015	13.18	46.68	Maximum	0.00	0 - 09:53 hrs	0.00	100.96	0.00	10.51	2,645.16	12.73	8.18	0.00	0.00	0.01	6.34	0 - 09:53 hrs
1042	☐	SWMH-O3-016	13.25	48.66	Maximum	0.00	0 - 09:53 hrs	24.78	100.98	1.16	10.55	627.75	4.68	8.25	0.00	0.00	0.00	20.73	0 - 09:53 hrs
1043	☐	SWMH-O3-017	13.80	49.63	Maximum	0.00	0 - 09:53 hrs	0.00	83.08	0.00	9.39	1,433.37	4.89	9.30	0.00	0.00	0.00	41.65	0 - 09:53 hrs
1044	☐	SWMH-O3-018	12.30	49.88	Maximum	0.00	0 - 09:55 hrs	15.09	83.10	0.69	9.39	42.12	2.86	7.30	0.00	0.00	0.00	62.58	0 - 09:55 hrs
1045	☐	SWMH-O3-019	10.04	49.85	Maximum	0.00	0 - 09:56 hrs	0.00	83.78	0.00	8.71	551.81	2.23	5.52	0.00	0.00	0.00	55.66	0 - 09:56 hrs
1046	☐	SWMH-O3-020	7.85	45.99	Surcharged	0.00	0 - 09:53 hrs	0.00	124.80	0.00	14.90	5,189.49	5.21	3.35	0.00	1.00	1.19	65.40	0 - 10:03 hrs
1047	☐	SWMH-O3-021	9.95	48.45	Maximum	0.00	0 - 09:53 hrs	33.88	132.27	1.69	15.14	948.38	5.01	5.45	0.00	0.00	0.00	26.90	0 - 09:53 hrs
1048	☐	SWMH-O3-022	9.02	48.55	Maximum	0.00	0 - 09:56 hrs	7.23	128.08	0.57	13.50	3,233.94	4.03	4.02	0.00	0.18	0.49	72.14	0 - 09:56 hrs
1049	☐	SWMH-O3-025	7.83	49.19	Maximum	0.00	0 - 09:56 hrs	0.00	21.29	0.00	1.30	-156.46	2.53	5.62	0.00	0.00	0.01	19.69	0 - 09:56 hrs
1050	☐	SWMH-O3-031	6.53	49.40	Surcharged	0.00	0 - 09:56 hrs	0.00	6.57	0.00	0.25	-45.33	4.05	4.78	0.00	0.00	0.05	5.87	0 - 09:56 hrs
1051	☐	SWMH-O3-032	5.82	49.42	Surcharged	0.00	0 - 09:56 hrs	0.00	6.58	0.00	0.26	-98.08	3.72	4.19	0.00	0.02	0.53	6.27	0 - 09:56 hrs
1052	☐	SWMH-O3-033	5.46	49.86	Maximum	0.00	0 - 09:56 hrs	7.09	8.12	0.28	0.28	81.49	3.20	3.60	0.00	0.00	0.06	6.02	0 - 09:56 hrs
1053	☐	SWMH-O3-034	5.60	45.85	Maximum	0.00	0 - 09:53 hrs	7.81	14.85	0.31	0.53	0.00	6.04	4.10	0.00	0.33	1.49	14.85	0 - 10:03 hrs
1054	☐	SWMH-O3-036	7.45	49.19	Surcharged	0.00	0 - 09:56 hrs	14.18	15.89	0.64	0.89	151.73	4.79	5.43	0.00	0.04	0.47	8.46	0 - 10:03 hrs
1055	☐	SWMH-O4-001	8.89	50.24	Maximum	0.00	0 - 09:56 hrs	0.00	83.64	0.00	7.40	327.82	1.91	4.82	0.00	0.00	0.00	35.86	0 - 09:56 hrs
1056	☐	SWMH-O4-002	7.15	52.76	Maximum	0.00	0 - 09:56 hrs	0.00	30.43	0.00	2.59	-53.82	1.61	4.08	0.00	0.00	0.00	0.55	0 - 09:56 hrs
1057	☐	SWMH-O4-003	8.32	54.58	Maximum	0.00	0 - 09:56 hrs	4.11	30.44	0.15	2.59	-144.85	1.56	5.25	0.00	0.00	0.00	0.76	0 - 09:56 hrs
1058	☐	SWMH-O4-004	9.10	56.03	Surcharged	0.00	0 - 09:56 hrs	3.94	30.37	0.14	2.44	213.06	1.51	6.10	0.00	0.00	0.00	4.65	0 - 09:56 hrs
1059	☐	SWMH-O4-005	7.25	54.81	Surcharged	0.00	0 - 09:56 hrs	0.00	26.11	0.00	2.31	244.58	1.58	4.43	0.00	0.00	0.00	0.90	0 - 09:56 hrs
1060	☐	SWMH-O4-006	6.92	53.47	Surcharged	0.00	0 - 09:53 hrs	18.84	59.17	0.92	5.23	617.92	3.14	3.86	0.00	0.40	0.77	37.20	0 - 10:03 hrs
1061	☐	SWMH-O4-007	6.95	55.58	Maximum	0.00	0 - 09:55 hrs	26.05	41.35	1.20	3.50	609.73	2.35	3.90	0.00	0.00	0.00	4.29	0 - 09:55 hrs
1062	☐	SWMH-O4-008	8.22	57.09	Surcharged	0.00	0 - 09:56 hrs	0.00	21.43	0.00	2.30	434.94	2.17	4.88	0.00	0.00	0.00	8.95	0 - 09:56 hrs
1063	☐	SWMH-O4-010	6.15	54.20	Maximum	0.00	0 - 09:53 hrs	0.00	11.79	0.00	0.89	127.15	3.04	4.15	0.00	0.00	0.03	7.66	0 - 09:53 hrs
1064	☐	SWMH-O4-013	7.90	49.65	Surcharged	0.00	0 - 09:56 hrs	0.00	21.03	0.00	1.30	257.90	2.58	5.72	0.00	0.00	0.01	1.01	0 - 09:56 hrs
1065	☐	SWMH-O4-014	7.68	49.67	Surcharged	0.00	0 - 10:00 hrs	0.00	21.07	0.00	1.30	-69.10	2.49	5.47	0.00	0.00	0.00	0.01	0 - 10:00 hrs
1066	☐	SWMH-O4-015	7.51	50.11	Maximum	0.00	0 - 09:56 hrs	27.83	27.83	1.40	1.40	0.00	2.28	5.13	0.00	0.09	0.40	15.69	0 - 10:03 hrs
1067	☐	SWMH-O4-016	7.40	54.35	Surcharged	0.00	0 - 09:52 hrs	17.29	18.68	0.78	0.92	167.54	2.67	5.90	0.00	0.11	0.68	13.48	0 - 09:59 hrs
1068	☐	SWMH-O4-018	5.58	58.50	Surcharged	0.00	0 - 09:56 hrs	0.00	2.86	0.00	0.63	314.65	4.53	4.58	0.00	0.00	0.01	0.04	0 - 09:56 hrs
1069	☐	SWMH-O4-019	4.55	49.85	Surcharged	0.00	0 - 09:56 hrs	0.00	4.20	0.00	0.00	0.00	1.60	3.55	0.00	0.00	0.01	4.01	0 - 09:56 hrs
1070	☐	SWMH-O4-020	7.60	49.34	Surcharged	0.00	0 - 09:56 hrs	16.15	93.72	0.75	7.65	422.36	1.81	3.20	0.00	0.22	0.37	58.50	0 - 09:56 hrs
1071	☐	SWMH-O4-023	5.05	56.11	Surcharged	0.00	0 - 09:53 hrs	9.28	9.28	0.37	0.37	0.00	2.18	3.80	0.00	0.04	0.46	6.42	0 - 09:59 hrs
1072	☐	SWMH-O4-025	5.90	56.32	Surcharged	0.00	0 - 09:56 hrs	0.00	7.02	0.00	0.00	0.00	1.98	4.15	0.00	0.00	0.01	6.61	0 - 09:56 hrs
1073	☐	SWMH-O4-026	7.72	56.69	Surcharged	0.00	0 - 09:56 hrs	0.00	17.38	0.00	0.71	82.22	1.83	3.80	0.00	0.00	0.01	16.00	0 - 09:56 hrs
1074	☐	SWMH-O4-030	4.85	56.41	Surcharged	0.00	0 - 09:52 hrs	6.04	6.04	0.23	0.23	53.18	2.02	3.75	0.00	0.01	0.19	2.84	0 - 09:56 hrs
1075	☐	SWMH-O5-001	11.73	53.83	Maximum	4.92	0 - 10:03 hrs	0.00	131.32	0.00	14.67	7,866.55	47.81	6.72	4.92	0.00	0.00	0.00	0 - 00:00 hrs
1076	☐	SWMH-O5-002	11.85	54.70	Maximum	2.80	0 - 10:03 hrs	0.00	131.32	0.00	14.62	9,793.82	47.63	6.56	2.80	0.00	0.00	0.00	0 - 00:00 hrs
1077	☐	SWMH-O5-003	11.80	55.93	Maximum	3.47	0 - 10:03 hrs	0.00	115.67	0.00	12.93	11,851.70	4.72	6.61	3.47	0.00	0.00	0.00	0 - 00:00 hrs
1078	☐	SWMH-O5-004	11.72	56.67	Maximum	1.18	0 - 10:03 hrs	0.00	115.67	0.00	12.82	5,989.36	3.42	6.72	1.18	0.00	0.00	0.00	0 - 00:00 hrs

FUTURE CONDITIONS 5-YR 24-HR CLIMATE CHANGE JUNCTIONS

		ID	Maximum Depth (ft)	Maximum HGL (ft)	Maximum HGL Head Class	Freeboard (ft)	Max.Depth Day-Time (day-time)	Maximum Lateral Inflow (cfs)	Maximum Total Inflow (cfs)	Lateral Inflow Volume (MG)	Total Inflow Volume (MG)	Flow Volume Difference (MG)	Total Surcharge Time (hrs)	Max.Surchar ge Height Above Ground	Min.Surchar ge Depth Below Rim (ft)	Total Flood Volume (MG)	Total Flood Time (hrs)	Maximum Flood Rate (cfs)	Max.Flood Day-Time (day-time)
1079	☐	SWMH-O5-005	11.72	57.35	w Maximum	0.33	0 - 10:02 hrs	0.00	115.72	0.00	12.74	3,232.89	2.74	6.57	0.33	0.00	0.00	0.00	0 - 00:00 hrs
1080	☐	SWMH-O5-006	11.50	57.68	Surcharged	0.00	0 - 09:52 hrs	0.00	154.53	0.00	12.94	2,630.26	2.59	6.42	0.00	0.26	0.36	45.31	0 - 10:03 hrs
1081	☐	SWMH-O5-007	11.57	58.63	w Maximum	0.87	0 - 09:52 hrs	63.55	154.50	3.54	12.90	1,653.24	2.29	6.57	0.87	0.00	0.00	0.00	0 - 00:00 hrs
1082	☐	SWMH-O5-009	5.50	57.63	w Maximum	0.00	0 - 09:53 hrs	0.00	13.85	0.00	0.90	429.96	1.88	3.10	0.00	0.05	0.71	12.93	0 - 09:53 hrs
1083	☐	SWMH-O5-010	8.37	59.80	w Maximum	0.03	0 - 09:56 hrs	15.46	15.46	0.64	1.61	0.00	2.70	4.82	0.03	0.00	0.00	0.00	0 - 00:00 hrs
1084	☐	SWMH-O5-013	4.90	58.05	w Maximum	0.00	0 - 09:53 hrs	21.98	21.98	1.05	1.05	0.00	2.01	3.15	0.00	0.15	0.78	16.09	0 - 10:03 hrs
1085	☐	SWMH-O5-014	6.20	59.46	Surcharged	0.00	0 - 09:56 hrs	0.00	11.33	0.00	1.63	69.60	2.74	4.55	0.00	0.03	0.29	7.14	0 - 09:59 hrs
1086	☐	SWMH-O5-015	5.90	59.78	w Maximum	0.00	0 - 09:41 hrs	16.59	16.59	0.69	0.69	0.00	8.18	4.90	0.00	0.17	1.16	15.64	0 - 09:59 hrs
1087	☐	SWMH-O5-019	5.90	59.96	Surcharged	0.00	0 - 09:45 hrs	29.75	29.75	1.37	1.37	0.00	3.37	4.38	0.00	0.28	0.96	26.30	0 - 10:03 hrs
1088	☐	SWMH-O5-021	9.55	55.65	w Maximum	0.25	0 - 09:57 hrs	0.00	18.76	0.00	1.59	1,047.87	47.56	7.35	0.25	0.00	0.00	0.00	0 - 00:00 hrs
1089	☐	SWMH-O5-022	9.68	57.00	w Maximum	0.12	0 - 09:57 hrs	0.00	18.76	0.00	1.58	427.54	5.03	7.66	0.12	0.00	0.00	0.00	0 - 00:00 hrs
1090	☐	SWMH-O5-023	9.42	57.56	w Maximum	0.00	0 - 09:52 hrs	33.10	33.11	1.70	1.70	45.09	3.16	7.34	0.00	0.12	0.47	18.34	0 - 10:03 hrs
1091	☐	SWMH-O5-024	5.82	58.53	w Maximum	0.00	0 - 09:52 hrs	0.00	4.68	0.00	0.00	0.00	1.22	3.82	0.00	0.00	0.00	3.24	0 - 09:52 hrs
1092	☐	SWMH-O6-005	11.20	62.91	w Maximum	0.00	0 - 09:47 hrs	109.17	109.17	5.74	5.74	0.00	2.23	8.45	0.00	0.58	0.68	70.16	0 - 10:03 hrs
1093	☐	SWMH-O6-006	10.70	58.40	w Maximum	0.25	0 - 00:04 hrs	0.00	59.23	0.00	9.59	7,418.00	47.85	7.15	0.25	0.00	0.00	0.00	0 - 00:00 hrs
1094	☐	SWMH-O6-007	11.45	59.54	w Maximum	0.03	0 - 00:04 hrs	0.00	55.42	0.00	9.54	3,807.58	47.78	7.77	0.03	0.00	0.00	0.00	0 - 00:00 hrs
1095	☐	SWMH-O6-008	10.50	59.03	w Maximum	0.00	0 - 00:06 hrs	75.95	88.30	4.21	9.73	5,066.71	47.74	7.00	0.00	0.22	0.49	34.32	0 - 10:03 hrs
1096	☐	SWMH-O6-009	12.10	61.97	Surcharged	0.00	0 - 00:09 hrs	0.00	22.24	0.00	5.47	2,545.12	47.67	9.00	0.00	0.00	0.00	11.28	0 - 00:09 hrs
1097	☐	SWMH-O7-001	5.43	56.40	low Link Cro	7.77	0 - 10:07 hrs	16.06	125.24	0.70	10.73	5,999.75	0.00	0.00	0.00	0.00	0.00	0.00	0 - 00:00 hrs
1098	☐	SWMH-O7-002	15.40	64.27	w Maximum	0.00	0 - 00:01 hrs	0.00	148.73	0.00	11.53	6,803.12	47.91	10.40	0.00	0.00	0.00	73.20	0 - 00:01 hrs
1099	☐	SWMH-O7-004	9.75	59.62	Surcharged	0.00	0 - 00:00 hrs	0.00	89.28	0.00	0.56	2,030.82	47.97	6.82	0.00	0.00	0.00	84.90	0 - 00:00 hrs
1100	☐	SWMH-O7-005	9.00	64.11	w Maximum	0.00	0 - 09:49 hrs	18.13	18.13	0.81	0.81	0.00	2.53	7.75	0.00	0.08	0.54	10.82	0 - 09:59 hrs
1101	☐	SWMH-O7-006	2.83	55.57	w Maximum	8.49	0 - 10:07 hrs	0.00	12.85	0.00	0.74	211.28	1.75	1.08	8.49	0.00	0.00	0.00	0 - 00:00 hrs
1102	☐	SWMH-O8-001	2.40	61.33	low Link Cro	8.67	0 - 10:22 hrs	0.00	45.20	0.00	5.81	1,260.20	0.00	0.00	0.00	0.00	0.00	0.00	0 - 00:00 hrs
1103	☐	SWMH-O8-002	4.15	56.81	low Link Cro	7.05	0 - 10:07 hrs	0.00	68.22	0.00	4.10	917.26	0.00	0.00	0.00	0.00	0.00	0.00	0 - 00:00 hrs
1104	☐	SWMH-O8-003	4.80	56.64	low Link Cro	8.50	0 - 10:07 hrs	0.00	68.22	0.00	4.17	4,210.14	0.00	0.00	0.00	0.00	0.00	0.00	0 - 00:00 hrs
1105	☐	SWMH-O8-004	3.66	57.00	low Link Cro	8.94	0 - 10:07 hrs	0.00	69.46	0.00	4.06	558.49	0.00	0.00	0.00	0.00	0.00	0.00	0 - 00:00 hrs
1106	☐	SWMH-O8-005	3.18	57.18	low Link Cro	8.02	0 - 10:07 hrs	0.00	71.97	0.00	4.04	294.68	0.00	0.00	0.00	0.00	0.00	0.00	0 - 00:00 hrs
1107	☐	SWMH-O8-006	2.68	57.51	low Link Cro	10.10	0 - 10:07 hrs	0.00	72.46	0.00	4.04	-60.22	0.00	0.00	0.00	0.00	0.00	0.00	0 - 00:00 hrs
1108	☐	SWMH-O8-007	2.38	58.20	low Link Cro	11.92	0 - 10:04 hrs	35.75	72.84	1.80	4.04	320.20	0.00	0.00	0.00	0.00	0.00	0.00	0 - 00:00 hrs
1109	☐	SWMH-O8-009	1.27	63.82	low Link Cro	10.18	0 - 10:06 hrs	0.00	38.23	0.00	2.25	194.44	0.00	0.00	0.00	0.00	0.00	0.00	0 - 00:00 hrs
1110	☐	SWMH-O8-010	8.15	77.30	Surcharged	0.00	0 - 09:49 hrs	61.62	61.62	3.71	3.70	0.00	3.06	6.15	0.00	0.45	1.16	41.60	0 - 10:03 hrs
1111	☐	SWMH-O8-011	0.96	57.59	low Link Cro	6.22	0 - 09:59 hrs	4.15	4.15	0.14	0.14	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0 - 00:00 hrs
1112	☐	SWMH-O8-012	1.31	58.60	low Link Cro	5.69	0 - 10:04 hrs	0.00	8.71	0.00	0.37	67.49	0.00	0.00	0.00	0.00	0.00	0.00	0 - 00:00 hrs
1113	☐	SWMH-O8-013	1.55	56.64	low Link Cro	7.85	0 - 10:04 hrs	0.00	12.13	0.00	0.52	-237.93	0.00	0.00	0.00	0.00	0.00	0.00	0 - 00:00 hrs
1114	☐	SWMH-O8-014	1.14	59.15	low Link Cro	5.76	0 - 10:04 hrs	7.30	9.01	0.30	0.37	52.54	0.00	0.00	0.00	0.00	0.00	0.00	0 - 00:00 hrs
1115	☐	SWMH-O8-015	1.04	57.38	low Link Cro	7.61	0 - 10:06 hrs	0.00	8.58	0.00	0.37	0.82	0.00	0.00	0.00	0.00	0.00	0.00	0 - 00:00 hrs
1116	☐	SWMH-O8-016	0.58	59.54	low Link Cro	5.22	0 - 10:04 hrs	0.00	1.97	0.00	0.07	-17.65	0.00	0.00	0.00	0.00	0.00	0.00	0 - 00:00 hrs
1117	☐	SWMH-O8-017	0.64	59.72	low Link Cro	5.76	0 - 09:59 hrs	0.00	1.97	0.00	0.07	0.66	0.00	0.00	0.00	0.00	0.00	0.00	0 - 00:00 hrs
1118	☐	SWMH-O8-018	0.54	60.25	low Link Cro	6.31	0 - 09:59 hrs	2.05	2.05	0.07	0.07	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0 - 00:00 hrs
1119	☐	SWMH-O8-019	4.08	56.22	low Link Cro	6.54	0 - 00:02 hrs	0.00	31.72	0.00	0.54	764.56	0.00	0.00	0.00	0.00	0.00	0.00	0 - 00:00 hrs
1120	☐	SWMH-P3-001	12.36	48.07	Surcharged	-2.17	0 - 09:52 hrs	15.99	76.44	0.74	14.61	990.00	5.83	6.72	0.00	0.00	0.00	0.00	0 - 00:00 hrs
1121	☐	SWMH-P3-004	10.84	51.33	w Maximum	0.00	0 - 09:56 hrs	24.28	89.58	1.17	9.66	-5,097.79	3.89	6.34	0.00	0.00	0.00	47.81	0 - 09:56 hrs
1122	☐	SWMH-P4-002	12.10	54.29	w Maximum	0.00	0 - 09:56 hrs	13.64	88.26	0.57	8.51	1,846.72	3.35	7.60	0.00	0.01	0.01	48.35	0 - 09:56 hrs
1123	☐	SWMH-P4-003	14.01	56.72	Surcharged	0.00	0 - 09:53 hrs	0.00	77.66	0.00	7.96	2,397.97	3.57	10.01	0.00	0.00	0.00	9.30	0 - 09:53 hrs
1124	☐	SWMH-P4-007	14.33	59.00	w Maximum	0.00	0 - 09:53 hrs	13.49	33.90	0.57	3.14	746.27	4.01	11.83	0.00	0.00	0.00	0.32	0 - 09:56 hrs
1125	☐	SWMH-P4-009	8.05	57.45	w Maximum	0.00	0 - 09:53 hrs	15.93	33.21	0.72	2.19	-127.90	2.43	5.20	0.00	0.22	0.55	33.18	0 - 09:59 hrs
1126	☐	SWMH-P5-001	11.66	59.74	w Maximum	1.14	0 - 09:52 hrs	45.16	90.95	2.26	9.33	811.22	2.18	7.15	1.14	0.00	0.00	0.00	0 - 00:00 hrs
1127	☐	SWMH-P5-002	13.49	64.00	w Maximum	0.00	0 - 09:53 hrs	0.00	59.31	0.00	7.06	-447.46	1.59	8.99	0.00	0.00	0.00	9.46	0 - 09:53 hrs

FUTURE CONDITIONS 5-YR 24-HR CLIMATE CHANGE JUNCTIONS

		ID	Maximum Depth (ft)	Maximum HGL (ft)	Maximum HGL Head Class	Freeboard (ft)	Max.Depth Day-Time (day-time)	Maximum Lateral Inflow (cfs)	Maximum Total Inflow (cfs)	Lateral Inflow Volume (MG)	Total Inflow Volume (MG)	Flow Volume Difference (MG)	Total Surcharge Time (hrs)	Max.Surchar ge Height Above Crown	Min.Surchar ge Depth Below Rim (ft)	Total Flood Volume (MG)	Total Flood Time (hrs)	Maximum Flood Rate (cfs)	Max.Flood Day-Time (day-time)
1128	☐	SWMH-P5-003	8.78	60.00	w Maximum	0.00	0 - 09:53 hrs	42.04	69.78	2.23	7.17	1,435.68	1.47	4.28	0.00	0.09	0.27	44.52	0 - 09:53 hrs
1129	☐	SWMH-P5-005	8.85	61.25	w Maximum	0.00	0 - 09:53 hrs	43.75	47.32	2.32	5.09	614.36	1.93	5.85	0.00	0.00	0.00	1.62	0 - 09:53 hrs
1130	☐	SWMH-P5-006	4.71	59.82	w Maximum	0.00	0 - 09:53 hrs	59.59	78.00	3.39	3.53	0.00	1.57	1.71	0.00	0.79	0.70	77.97	0 - 10:03 hrs
1131	☐	SWMH-P5-008	13.95	59.54	w Maximum	0.00	0 - 09:49 hrs	14.22	14.22	0.60	0.61	0.00	3.76	11.70	0.00	0.00	0.01	7.54	0 - 09:49 hrs
1132	☐	SWMH-P5-014	7.00	58.01	w Maximum	0.00	0 - 09:53 hrs	14.35	16.53	0.62	0.62	0.00	2.18	4.69	0.00	0.00	0.03	14.04	0 - 09:53 hrs
1133	☐	SWMH-P6-001	12.87	66.35	w Maximum	2.52	0 - 09:53 hrs	0.00	30.09	0.00	2.88	-2,389.09	1.74	9.87	2.52	0.00	0.00	0.00	0 - 00:00 hrs
1134	☐	SWMH-P6-002	8.68	59.67	w Maximum	4.82	0 - 10:00 hrs	0.00	22.25	0.00	5.47	2,390.09	5.01	4.81	4.82	0.00	0.00	0.00	0 - 00:00 hrs
1135	☐	SWMH-P6-003	8.03	59.74	w Maximum	5.87	0 - 10:08 hrs	0.00	12.98	0.00	1.90	1,500.76	8.80	5.53	5.87	0.00	0.00	0.00	0 - 00:00 hrs
1136	☐	SWMH-P6-004	7.20	59.61	Surcharged	0.00	0 - 09:45 hrs	0.00	33.21	0.00	2.33	801.47	3.95	4.20	0.00	0.44	0.99	28.26	0 - 10:08 hrs
1137	☐	SWMH-P6-005	7.18	71.68	w Maximum	1.22	0 - 09:57 hrs	0.00	35.51	0.00	2.32	309.55	0.49	4.67	1.22	0.00	0.00	0.00	0 - 00:00 hrs
1138	☐	SWMH-P6-006	8.81	60.23	w Maximum	2.65	0 - 09:57 hrs	18.44	24.26	0.86	2.77	4,840.99	47.30	5.81	2.65	0.00	0.00	0.00	0 - 00:00 hrs
1139	☐	SWMH-P6-008	8.67	58.22	w Maximum	5.98	0 - 09:47 hrs	28.50	88.31	1.29	7.44	15,099.63	47.34	3.67	5.98	0.00	0.00	0.00	0 - 00:00 hrs
1140	☐	SWMH-P6-010	8.63	60.48	Surcharged	0.00	0 - 09:45 hrs	62.90	62.90	3.27	4.56	0.00	44.92	6.85	0.00	0.51	0.97	47.62	0 - 10:03 hrs
1141	☐	SWMH-P7-001	11.53	59.07	w Maximum	0.00	0 - 00:02 hrs	0.00	169.25	0.00	7.68	9,221.36	47.91	6.53	0.00	0.00	0.00	53.09	0 - 00:02 hrs
1142	☐	SWMH-P7-002	15.20	62.94	w Maximum	0.00	0 - 00:02 hrs	0.00	179.01	0.00	7.62	5,291.12	47.86	10.20	0.00	0.00	0.00	101.62	0 - 00:02 hrs
1143	☐	SWMH-P7-003	8.60	56.90	w Maximum	0.00	0 - 00:02 hrs	0.00	31.08	0.00	1.80	421.38	47.92	6.10	0.00	0.00	0.01	11.09	0 - 00:02 hrs
1144	☐	SWMH-P7-004	8.00	57.26	w Maximum	0.00	0 - 00:03 hrs	0.00	21.02	0.00	1.80	931.20	47.89	6.00	0.00	0.00	0.00	16.53	0 - 00:03 hrs
1145	☐	SWMH-P7-005	7.40	57.47	w Maximum	0.00	0 - 00:04 hrs	0.00	13.48	0.00	1.79	1,035.54	47.84	5.40	0.00	0.00	0.00	4.42	0 - 00:04 hrs
1146	☐	SWMH-P7-006	6.10	56.33	Surcharged	0.00	0 - 00:08 hrs	0.00	11.69	0.00	1.79	2,451.22	47.72	4.10	0.00	0.00	0.64	10.19	0 - 00:08 hrs
1147	☐	SWMH-Q6-002	7.32	59.94	w Maximum	1.48	0 - 10:00 hrs	0.00	17.69	0.00	1.86	2,555.86	3.85	4.57	1.48	0.00	0.00	0.00	0 - 00:00 hrs
1148	☐	SWMH-Q6-003	6.80	59.73	w Maximum	0.00	0 - 09:47 hrs	0.00	19.33	0.00	1.96	860.42	3.80	4.30	0.00	0.14	0.60	17.51	0 - 09:59 hrs
1149	☐	SWMH-Q6-004	7.38	62.04	w Maximum	0.10	0 - 09:47 hrs	0.00	19.31	0.00	1.93	80.78	1.84	4.88	0.10	0.00	0.00	0.00	0 - 00:00 hrs
1150	☐	SWMH-Q6-005	8.78	64.58	Surcharged	0.00	0 - 09:47 hrs	0.00	23.24	0.00	1.98	70.12	2.00	6.78	0.00	0.05	0.53	4.03	0 - 10:02 hrs
1151	☐	SWMH-Q6-006	9.10	65.48	Surcharged	0.00	0 - 09:47 hrs	42.23	42.23	2.09	2.09	0.00	1.88	7.10	0.00	0.11	0.42	18.97	0 - 10:03 hrs
1152	☐	SWMH-Q6-007	5.95	59.21	w Maximum	0.00	0 - 09:47 hrs	0.00	10.89	0.00	1.13	392.21	3.08	3.56	0.00	0.03	0.32	8.05	0 - 10:03 hrs
1153	☐	SWMH-Q6-008	8.75	59.20	w Maximum	5.55	0 - 09:57 hrs	22.37	59.77	1.06	6.04	16,556.46	5.90	4.25	5.55	0.00	0.00	0.00	0 - 00:00 hrs
1154	☐	SWMH-Q6-010	8.00	59.67	w Maximum	0.00	0 - 09:56 hrs	0.00	19.03	0.00	2.06	5,189.44	33.26	4.90	0.00	0.00	0.00	0.01	0 - 09:57 hrs
1155	☐	SWMH-Q6-011	10.53	64.16	Surcharged	0.00	0 - 09:59 hrs	19.03	19.03	0.90	0.91	0.00	2.56	8.53	0.00	0.00	0.00	0.00	0 - 09:59 hrs
1156	☐	SWMH-Q7-001	14.66	60.30	w Maximum	0.00	0 - 00:01 hrs	0.00	321.23	0.00	8.47	11,690.17	47.97	8.66	0.00	0.02	0.00	227.70	0 - 00:01 hrs
1157	☐	SWMH-Q7-002	11.95	64.99	w Maximum	0.00	0 - 00:04 hrs	0.00	63.59	0.00	2.24	5,567.06	47.86	7.95	0.00	0.00	0.00	6.54	0 - 00:04 hrs
1158	☐	SWMH-Q7-003	12.25	65.40	Surcharged	0.00	0 - 00:04 hrs	0.00	71.39	0.00	2.28	0.00	47.85	8.25	0.00	0.00	0.00	41.23	0 - 00:04 hrs
1159	☐	SWMH-R7-001	4.00	61.11	Surcharged	0.00	0 - 09:45 hrs	46.29	46.29	2.43	2.43	0.00	2.82	2.00	0.00	0.32	0.92	32.33	0 - 10:03 hrs
1160	☐	SWMH-R7-002	3.90	60.84	w Maximum	0.00	0 - 09:45 hrs	0.00	14.05	0.00	2.12	68.22	2.86	1.90	0.00	0.00	0.20	0.04	0 - 09:52 hrs
1161	☐	SWMH-R7-003	3.70	60.16	w Maximum	1.00	0 - 09:47 hrs	0.00	14.01	0.00	2.12	338.23	3.32	1.69	1.00	0.00	0.00	0.00	0 - 00:00 hrs
1162	☐	SWMH-R7-004	3.65	59.73	w Maximum	1.05	0 - 10:15 hrs	0.00	14.01	0.00	2.13	365.12	3.89	1.64	1.05	0.00	0.00	0.00	0 - 00:00 hrs
1163	☐	SWMH-R7-006?	3.33	58.96	w Maximum	2.22	0 - 00:07 hrs	0.00	14.01	0.00	2.14	870.95	8.03	1.29	2.22	0.00	0.00	0.00	0 - 00:00 hrs
1164	☐	SWMH-R7-007	3.35	58.09	low Link Cro	4.27	0 - 09:47 hrs	0.00	16.87	0.00	2.15	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0 - 00:00 hrs
1165	☐	SWMH-R7-008	4.79	59.54	w Maximum	2.71	0 - 00:06 hrs	0.00	34.77	0.00	2.17	1,810.65	2.24	1.79	2.71	0.00	0.00	0.00	0 - 00:00 hrs
1166	☐	WESTRIDGE_OTL_1	5.39	45.89	Surcharged	-4.39	0 - 10:03 hrs	0.00	10.04	0.00	4.81	146.91	39.87	3.89	0.00	0.00	0.00	0.00	0 - 00:00 hrs
1167	☐	WESTRIDGE_OTL_2	0.73	43.60	low Link Cro	1.02	0 - 10:56 hrs	0.00	14.37	0.00	0.88	-92.14	0.00	0.00	0.00	0.00	0.00	0.00	0 - 00:00 hrs
1168	☐	WG-PT-2109	5.58	44.18	Surcharged	0.00	0 - 09:47 hrs	0.00	16.30	0.00	2.53	412.62	6.02	3.58	0.00	0.00	0.00	1.10	0 - 09:47 hrs
1169	☐	WG-PT-2126	6.15	54.98	Surcharged	0.00	0 - 09:55 hrs	0.00	41.37	0.00	3.49	0.00	2.23	3.10	0.00	0.07	0.32	12.32	0 - 09:59 hrs
1170	☐	WG-PT-2130	6.80	44.08	Surcharged	0.00	0 - 09:53 hrs	0.00	2.72	0.00	0.00	0.00	8.25	5.05	0.00	0.00	0.00	2.49	0 - 09:53 hrs
1171	☐	WG-PT-2135	6.85	43.95	w Maximum	0.00	0 - 09:53 hrs	1.86	26.53	0.06	1.86	0.00	5.54	4.10	0.00	0.00	0.01	21.79	0 - 09:53 hrs
1172	☐	WG-PT-2149	13.95	57.93	Surcharged	0.00	0 - 09:53 hrs	0.00	33.90	0.00	3.14	406.92	4.25	11.30	0.00	0.00	0.00	0.22	0 - 09:53 hrs
1173	☐	WG-PT-2174	7.05	49.18	Surcharged	0.00	0 - 09:57 hrs	0.00	37.78	0.00	0.82	-284.29	1.72	4.30	0.00	0.00	0.00	0.03	0 - 09:59 hrs
1174	☐	WG-PT-2176	7.88	49.29	Surcharged	0.00	0 - 09:57 hrs	0.00	41.19	0.00	1.27	41.43	2.18	4.95	0.00	0.01	0.01	39.78	0 - 09:57 hrs
1175	☐	WG-PT-2179	7.05	49.48	Surcharged	0.00	0 - 09:55 hrs	0.00	5.64	0.00	0.25	-105.80	4.46	5.30	0.00	0.00	0.00	4.69	0 - 09:55 hrs
1176	☐	WG-PT-2187	8.14	50.70	Surcharged	0.00	0 - 09:56 hrs	0.00	63.99	0.00	6.46	377.44	1.98	4.64	0.00	0.00	0.00	3.36	0 - 09:56 hrs

FUTURE CONDITIONS 5-YR 24-HR CLIMATE CHANGE JUNCTIONS

		ID	Maximum Depth (ft)	Maximum HGL (ft)	Maximum HGL Head Class	Freeboard (ft)	Max.Depth Day-Time (day-time)	Maximum Lateral Inflow (cfs)	Maximum Total Inflow (cfs)	Lateral Inflow Volume (MG)	Total Inflow Volume (MG)	Flow Volume Difference (MG)	Total Surcharge Time (hrs)	Max.Surchar ge Height Above Crown	Min.Surchar ge Depth Below Rim (ft)	Total Flood Volume (MG)	Total Flood Time (hrs)	Maximum Flood Rate (cfs)	Max.Flood Day-Time (day-time)
1177	☐	WG-PT-2197	5.10	46.16	w Maximum	0.00	0 - 09:49 hrs	14.68	14.72	0.65	0.65	0.00	3.34	3.05	0.00	0.09	0.44	14.71	0 - 09:59 hrs
1178	☐	WG-PT-2198	5.45	46.20	w Maximum	0.00	0 - 09:52 hrs	0.00	7.07	0.00	0.56	47.62	4.04	3.45	0.00	0.00	0.07	0.11	0 - 09:57 hrs
1179	☐	WG-PT-2232	7.47	52.36	w Maximum	0.03	0 - 10:00 hrs	0.00	11.55	0.00	0.96	0.00	4.63	5.36	0.03	0.00	0.00	0.00	0 - 00:00 hrs
1180	☐	WG-PT-2234	7.60	50.54	w Maximum	0.61	0 - 10:04 hrs	0.00	25.72	0.00	5.16	432.39	5.27	5.10	0.61	0.00	0.00	0.00	0 - 00:00 hrs
1181	☐	WG-PT-2235	5.61	49.90	w Maximum	0.80	0 - 10:07 hrs	0.00	13.30	0.00	2.81	387.18	7.11	3.61	0.80	0.00	0.00	0.00	0 - 00:00 hrs
1182	☐	WG-PT-2236	5.11	49.48	w Maximum	0.00	0 - 09:15 hrs	0.00	28.17	0.00	3.35	124.51	7.19	3.11	0.00	0.69	2.23	28.16	0 - 09:59 hrs
1183	☐	WG-PT-2238	6.22	51.22	w Maximum	0.00	0 - 09:53 hrs	0.00	16.60	0.00	3.19	118.40	6.99	4.22	0.00	0.00	0.04	0.13	0 - 09:59 hrs
1184	☐	WG-PT-2269	5.89	52.46	w Maximum	4.11	0 - 09:59 hrs	0.00	29.20	0.00	0.33	355.94	1.60	3.13	4.11	0.00	0.00	0.00	0 - 00:00 hrs
1185	☐	WG-PT-2318	5.90	45.23	Surcharged	0.00	0 - 00:03 hrs	0.00	45.84	0.00	2.28	26.41	47.88	3.10	0.00	0.24	0.70	29.06	0 - 10:03 hrs
1186	☐	WG-PT-2330	5.80	43.27	w Maximum	0.00	0 - 02:39 hrs	31.96	31.96	1.34	1.34	0.00	42.72	3.70	0.00	1.32	21.34	31.95	0 - 09:59 hrs
1187	☐	WG-PT-2425	6.42	76.86	w Maximum	0.87	0 - 09:52 hrs	0.00	35.30	0.00	3.62	55.04	2.06	3.72	0.87	0.00	0.00	0.00	0 - 00:00 hrs
1188	☐	WG-PT-2426	6.03	76.36	w Maximum	1.17	0 - 09:52 hrs	0.00	35.31	0.00	3.62	87.16	2.19	3.53	1.17	0.00	0.00	0.00	0 - 00:00 hrs
1189	☐	WG-PT-2434	5.95	69.50	Surcharged	0.00	0 - 09:55 hrs	0.00	45.11	0.00	4.98	331.02	1.30	3.30	0.00	0.00	0.19	6.52	0 - 09:55 hrs
1190	☐	WG-PT-2438	5.50	76.72	w Maximum	0.00	0 - 09:55 hrs	0.00	37.77	0.00	4.23	44.93	1.36	3.00	0.00	0.00	0.00	5.87	0 - 09:55 hrs
1191	☐	WG-PT-2465	6.14	51.72	w Maximum	0.00	0 - 09:48 hrs	0.00	3.59	0.00	0.40	0.00	7.01	4.64	0.00	0.00	0.05	0.02	0 - 10:07 hrs
1192	☐	WG-PT-2469	5.76	51.85	w Maximum	0.09	0 - 09:48 hrs	0.00	9.85	0.00	1.05	0.55	1.90	3.67	0.09	0.00	0.00	0.00	0 - 00:00 hrs
1193	☐	WG-PT-2474	6.25	50.01	w Maximum	0.00	0 - 00:06 hrs	0.00	10.31	0.00	1.39	344.26	47.80	4.25	0.00	0.00	0.33	0.27	0 - 00:06 hrs
1194	☐	WG-PT-2475	6.30	49.95	Surcharged	0.00	0 - 00:06 hrs	0.00	11.11	0.00	1.40	333.63	47.79	4.30	0.00	0.02	0.66	6.72	0 - 00:06 hrs
1195	☐	WG-PT-2476	7.15	50.12	w Maximum	0.00	0 - 00:06 hrs	0.00	15.34	0.00	1.39	800.36	47.85	5.15	0.00	0.00	0.00	0.04	0 - 00:06 hrs
1196	☐	WG-PT-2477	7.06	50.01	w Maximum	0.00	0 - 00:06 hrs	0.00	13.45	0.00	1.39	281.84	47.85	5.06	0.00	0.00	0.01	0.09	0 - 00:06 hrs
1197	☐	WG-PT-2478	7.39	49.93	Surcharged	0.00	0 - 00:02 hrs	0.00	15.01	0.00	1.39	452.42	47.90	5.39	0.00	0.00	0.02	4.61	0 - 00:02 hrs
1198	☐	WG-PT-2480	7.85	49.96	w Maximum	0.00	0 - 09:57 hrs	0.00	17.77	0.00	1.40	257.70	47.93	5.85	0.00	0.00	0.00	0.01	0 - 09:57 hrs
1199	☐	WG-PT-2481	8.64	49.72	Surcharged	0.00	0 - 09:52 hrs	0.00	21.22	0.00	1.41	578.70	47.95	6.09	0.00	0.04	0.30	8.35	0 - 10:03 hrs
1200	☐	WG-PT-2484	8.73	49.96	w Maximum	0.13	0 - 09:56 hrs	0.00	22.78	0.00	1.39	410.75	47.97	6.73	0.13	0.00	0.00	0.00	0 - 00:00 hrs
1201	☐	WG-PT-2485	9.54	50.24	Surcharged	0.00	0 - 00:00 hrs	0.00	32.24	0.00	1.39	571.71	47.98	7.54	0.00	0.00	0.00	20.90	0 - 00:00 hrs
1202	☐	WG-PT-2514	8.60	45.55	w Maximum	2.65	0 - 10:00 hrs	0.00	54.96	0.00	5.79	3,247.80	47.85	5.09	2.65	0.00	0.00	0.00	0 - 00:00 hrs
1203	☐	WG-PT-2523	6.09	44.71	w Maximum	2.41	0 - 10:03 hrs	0.00	35.85	0.00	6.45	527.70	6.37	3.39	2.41	0.00	0.00	0.00	0 - 00:00 hrs
1204	☐	WG-PT-2543	9.85	44.76	w Maximum	0.00	0 - 00:00 hrs	0.00	325.76	0.00	2.75	4,963.38	47.98	4.85	0.00	0.03	0.01	260.01	0 - 00:00 hrs
1205	☐	WG-PT-2574	5.50	83.55	Surcharged	0.00	0 - 09:52 hrs	0.00	19.62	0.00	2.00	8.53	1.64	3.13	0.00	0.00	0.00	8.35	0 - 09:52 hrs
1206	☐	WG-PT-2596	7.15	46.36	w Maximum	0.35	0 - 09:57 hrs	0.00	35.86	0.00	6.45	284.46	4.60	3.90	0.35	0.00	0.00	0.00	0 - 00:00 hrs
1207	☐	WG-PT-2597	6.89	46.15	w Maximum	0.11	0 - 09:57 hrs	0.00	35.85	0.00	6.45	0.00	6.47	4.39	0.11	0.00	0.00	0.00	0 - 00:00 hrs
1208	☐	WG-PT-2599	7.21	46.67	w Maximum	0.19	0 - 09:57 hrs	0.00	21.46	0.00	5.08	210.11	6.15	4.51	0.19	0.00	0.00	0.00	0 - 00:00 hrs
1209	☐	WG-PT-2600	7.10	46.96	w Maximum	0.35	0 - 09:56 hrs	0.00	21.39	0.00	5.07	161.29	6.33	4.60	0.35	0.00	0.00	0.00	0 - 00:00 hrs
1210	☐	WG-PT-2602	7.04	47.39	w Maximum	0.51	0 - 10:00 hrs	0.00	21.17	0.00	5.08	76.69	5.77	4.40	0.51	0.00	0.00	0.00	0 - 00:00 hrs
1211	☐	WG-PT-2606	6.43	48.17	w Maximum	0.66	0 - 09:56 hrs	0.00	21.11	0.00	5.08	132.77	4.83	3.93	0.66	0.00	0.00	0.00	0 - 00:00 hrs
1212	☐	WG-PT-2607	6.47	48.18	w Maximum	0.63	0 - 09:49 hrs	0.00	20.76	0.00	5.08	236.25	4.84	3.97	0.63	0.00	0.00	0.00	0 - 00:00 hrs
1213	☐	WG-PT-2610	4.48	44.75	low Link Cro	8.52	0 - 10:04 hrs	0.00	38.67	0.00	1.68	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0 - 00:00 hrs
1214	☐	WG-PT-2612	5.99	85.95	w Maximum	0.56	0 - 10:06 hrs	0.00	24.73	0.00	2.06	8.47	1.28	3.34	0.56	0.00	0.00	0.00	0 - 00:00 hrs
1215	☐	WG-PT-2629	4.00	52.21	Surcharged	0.00	0 - 09:52 hrs	0.00	11.46	0.00	1.15	214.94	1.36	1.75	0.00	0.00	0.00	0.42	0 - 09:52 hrs
1216	☐	WG-PT-2632	7.15	45.53	Surcharged	0.00	0 - 00:02 hrs	0.00	37.21	0.00	2.07	2,051.06	47.90	4.40	0.00	0.00	0.01	14.68	0 - 00:02 hrs
1217	☐	WG-PT-2646	4.70	44.83	w Maximum	0.50	0 - 00:09 hrs	0.00	11.85	0.00	2.23	762.42	47.68	2.70	0.50	0.00	0.00	0.00	0 - 00:00 hrs
1218	☐	WG-PT-2670	7.62	38.16	w Maximum	0.00	0 - 10:56 hrs	0.00	16.00	0.00	1.99	4,862.34	31.26	4.87	0.00	0.12	2.83	2.55	0 - 12:29 hrs
1219	☐	WG-PT-2723	7.20	76.29	w Maximum	0.00	0 - 09:56 hrs	0.00	14.16	0.00	0.82	48.28	1.15	4.85	0.00	0.00	0.00	4.75	0 - 09:56 hrs
1220	☐	WG-PT-2724	7.90	77.64	Surcharged	0.00	0 - 09:56 hrs	0.00	14.15	0.00	0.83	-148.33	1.06	5.35	0.00	0.00	0.00	11.19	0 - 09:56 hrs
1221	☐	WG-PT-2726	7.00	73.49	w Maximum	0.00	0 - 09:59 hrs	0.00	8.41	0.00	0.00	0.00	0.78	5.50	0.00	0.00	0.00	7.28	0 - 09:59 hrs
1222	☐	WG-PT-2731	12.24	82.59	w Maximum	0.96	0 - 09:56 hrs	0.00	45.36	0.00	4.00	-253.58	1.76	9.24	0.96	0.00	0.00	0.00	0 - 00:00 hrs
1223	☐	WG-PT-2836	10.10	86.91	Surcharged	0.00	0 - 09:56 hrs	0.00	91.77	0.00	20.72	223.05	3.00	5.60	0.00	0.00	0.00	0.60	0 - 09:56 hrs
1224	☐	WG-PT-2846	12.92	48.63	w Maximum	7.38	0 - 10:03 hrs	0.00	243.53	0.00	19.68	2,282.60	0.33	6.42	7.38	0.00	0.00	0.00	0 - 00:00 hrs
1225	☐	WG-PT-2853	2.08	106.59	low Link Cro	5.68	0 - 09:59 hrs	0.00	32.53	0.00	1.53	30.34	0.00	0.00	0.00	0.00	0.00	0.00	0 - 00:00 hrs

FUTURE CONDITIONS 5-YR 24-HR CLIMATE CHANGE JUNCTIONS

		ID	Maximum Depth (ft)	Maximum HGL (ft)	Maximum HGL Head Class	Freeboard (ft)	Max.Depth Day-Time (day-time)	Maximum Lateral Inflow (cfs)	Maximum Total Inflow (cfs)	Lateral Inflow Volume (MG)	Total Inflow Volume (MG)	Flow Volume Difference (MG)	Total Surcharge Time (hrs)	Max.Surchar ge Height Above Crown	Min.Surchar ge Depth Below Rim (ft)	Total Flood Volume (MG)	Total Flood Time (hrs)	Maximum Flood Rate (cfs)	Max.Flood Day-Time (day-time)
1226	☐	WG-PT-2856	1.35	108.64	elow Link Cro	5.93	0 - 10:06 hrs	0.00	105.94	0.00	17.06	148.89	0.00	0.00	0.00	0.00	0.00	0.00	0 - 00:00 hrs
1227	☐	WG-PT-2857	2.72	107.55	elow Link Cro	7.03	0 - 10:07 hrs	0.00	105.94	0.00	17.06	445.65	0.00	0.00	0.00	0.00	0.00	0.00	0 - 00:00 hrs
1228	☐	WG-PT-2858	6.79	106.14	elow Link Cro	7.49	0 - 10:07 hrs	0.00	105.89	0.00	17.05	603.58	0.00	0.00	0.00	0.00	0.00	0.00	0 - 00:00 hrs
1229	☐	WG-PT-2859	2.37	105.38	elow Link Cro	8.13	0 - 10:07 hrs	0.00	105.93	0.00	17.05	157.72	0.00	0.00	0.00	0.00	0.00	0.00	0 - 00:00 hrs
1230	☐	WG-PT-2865	1.48	84.31	elow Link Cro	7.32	0 - 10:00 hrs	0.00	20.54	0.00	0.86	37.87	0.00	0.00	0.00	0.00	0.00	0.00	0 - 00:00 hrs
1231	☐	WG-PT-2874	6.70	128.35	w Maximum C	0.00	0 - 10:02 hrs	18.38	36.35	0.75	6.19	2,749.45	1.17	1.70	0.00	0.04	0.39	11.44	0 - 10:02 hrs
1232	☐	WG-PT-2899	8.55	101.57	w Maximum C	0.65	0 - 09:57 hrs	0.00	46.64	0.00	3.41	27.06	1.65	5.55	0.65	0.00	0.00	0.00	0 - 00:00 hrs
1233	☐	WG-PT-2905	4.70	82.31	Surcharged	0.00	0 - 09:53 hrs	0.00	30.37	0.00	2.15	63.21	1.54	2.70	0.00	0.25	0.54	30.36	0 - 10:03 hrs
1234	☐	WG-PT-2906	5.58	84.10	w Maximum C	0.02	0 - 09:55 hrs	0.00	14.19	0.00	2.03	221.36	2.87	3.83	0.02	0.00	0.00	0.00	0 - 00:00 hrs
1235	☐	WG-PT-2922	7.47	89.30	w Maximum C	0.00	0 - 09:59 hrs	0.00	47.65	0.00	2.72	1,586.98	0.94	3.97	0.00	0.00	0.00	27.87	0 - 09:59 hrs
1236	☐	WG-PT-2924	11.00	87.81	w Maximum C	0.00	0 - 09:55 hrs	0.00	41.85	0.00	2.70	66.33	2.23	7.50	0.00	0.00	0.00	9.55	0 - 09:55 hrs
1237	☐	WG-PT-2946	6.13	109.06	w Maximum C	0.97	0 - 10:00 hrs	0.00	18.07	0.00	1.19	-8.82	0.96	3.82	0.97	0.00	0.00	0.00	0 - 00:00 hrs
1238	☐	WG-PT-2978	4.82	93.60	Surcharged	0.00	0 - 10:00 hrs	0.00	37.25	0.00	2.08	-191.54	0.64	2.32	0.00	0.00	0.00	15.66	0 - 10:00 hrs
1239	☐	WG-PT-2993	8.54	90.93	w Maximum C	0.00	0 - 09:56 hrs	0.00	25.85	0.00	2.05	31.66	1.91	6.54	0.00	0.00	0.00	19.54	0 - 09:56 hrs
1240	☐	WG-PT-2994	8.78	92.13	w Maximum C	1.32	0 - 09:56 hrs	0.00	25.83	0.00	2.05	178.40	2.50	6.68	1.32	0.00	0.00	0.00	0 - 00:00 hrs
1241	☐	WG-PT-3000	9.02	90.21	w Maximum C	0.13	0 - 10:00 hrs	0.00	42.79	0.00	3.09	129.82	1.11	5.52	0.13	0.00	0.00	0.00	0 - 00:00 hrs
1242	☐	WG-PT-3040	9.45	106.82	w Maximum C	0.00	0 - 09:53 hrs	0.00	21.51	0.00	1.91	14.89	1.40	7.30	0.00	0.01	0.19	6.40	0 - 09:59 hrs
1243	☐	WG-PT-3045	10.44	100.06	w Maximum C	1.11	0 - 09:53 hrs	0.00	37.02	0.00	2.97	58.74	0.85	7.94	1.11	0.00	0.00	0.00	0 - 00:00 hrs
1244	☐	WG-PT-3048	6.50	89.22	w Maximum C	4.40	0 - 09:53 hrs	0.00	41.49	0.00	3.12	97.51	1.19	4.25	4.40	0.00	0.00	0.00	0 - 00:00 hrs
1245	☐	WG-PT-3075	13.52	128.00	Surcharged	-2.25	0 - 09:52 hrs	0.00	32.90	0.00	4.37	230.85	2.10	11.02	0.00	0.00	0.00	0.00	0 - 00:00 hrs
1246	☐	WG-PT-3082	0.71	90.15	elow Link Cro	8.54	0 - 09:59 hrs	4.91	4.91	0.16	0.16	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0 - 00:00 hrs
1247	☐	WG-PT-3110	11.18	127.34	Surcharged	-5.00	0 - 09:53 hrs	0.00	33.39	0.00	3.13	296.82	1.64	8.18	0.00	0.00	0.00	22.88	0 - 09:53 hrs
1248	☐	WG-PT-3116	7.20	133.87	Surcharged	0.00	0 - 09:53 hrs	0.00	20.96	0.00	2.13	135.86	1.43	4.90	0.00	0.00	0.00	0.06	0 - 09:53 hrs
1249	☐	WG-PT-3180	6.50	85.11	w Maximum C	0.00	0 - 09:52 hrs	0.00	31.65	0.00	3.46	198.56	1.71	3.90	0.00	0.00	0.00	0.22	0 - 09:52 hrs
1250	☐	WG-PT-3182	6.52	85.85	Surcharged	0.00	0 - 09:52 hrs	0.00	31.70	0.00	3.46	70.93	1.74	3.95	0.00	0.00	0.00	0.27	0 - 09:52 hrs
1251	☐	WG-PT-3183	6.25	85.92	Surcharged	0.00	0 - 09:52 hrs	0.00	31.67	0.00	3.46	96.72	1.76	3.75	0.00	0.00	0.00	0.30	0 - 09:52 hrs
1252	☐	WG-PT-3184	6.10	86.12	w Maximum C	0.00	0 - 09:52 hrs	0.00	31.69	0.00	3.46	79.19	1.80	3.60	0.00	0.00	0.00	0.35	0 - 09:52 hrs
1253	☐	WG-PT-3192	8.85	92.63	w Maximum C	0.00	0 - 09:56 hrs	0.00	28.14	0.00	2.39	1.96	1.14	6.35	0.00	0.00	0.01	12.00	0 - 09:56 hrs
1254	☐	WG-PT-3196	4.75	96.48	Surcharged	0.00	0 - 09:51 hrs	0.00	38.70	0.00	5.11	125.76	3.33	2.25	0.00	0.13	0.45	26.98	0 - 10:03 hrs
1255	☐	WG-PT-3197	6.30	98.90	Surcharged	-1.22	0 - 09:57 hrs	0.00	38.69	0.00	5.11	269.40	3.64	3.80	0.00	0.00	0.00	0.00	0 - 00:00 hrs
1256	☐	WG-PT-3198	8.89	102.89	Surcharged	-3.61	0 - 09:52 hrs	0.00	38.69	0.00	5.11	210.99	3.79	6.39	0.00	0.00	0.00	0.00	0 - 00:00 hrs
1257	☐	WG-PT-3211	1.65	120.28	elow Link Cro	5.10	0 - 09:59 hrs	46.78	46.78	2.93	2.93	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0 - 00:00 hrs
1258	☐	WG-PT-3226	2.27	65.38	elow Link Cro	5.33	0 - 10:03 hrs	0.00	54.48	0.00	2.43	88.20	0.00	0.00	0.00	0.00	0.00	0.00	0 - 00:00 hrs
1259	☐	WG-PT-3238	0.28	57.22	elow Link Cro	3.62	0 - 10:04 hrs	0.00	1.06	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0 - 00:00 hrs
1260	☐	WG-PT-3256	5.18	78.14	w Maximum C	0.00	0 - 09:55 hrs	0.00	8.84	0.00	0.46	0.00	1.64	3.18	0.00	0.00	0.03	0.06	0 - 10:02 hrs
1261	☐	WG-PT-3264	4.31	63.79	elow Link Cro	4.61	0 - 10:07 hrs	0.00	68.57	0.00	2.76	585.41	0.00	0.00	0.00	0.00	0.00	0.00	0 - 00:00 hrs
1262	☐	WG-PT-3269	4.42	62.68	w Maximum C	3.98	0 - 10:03 hrs	0.00	73.51	0.00	3.56	635.07	0.27	0.42	3.98	0.00	0.00	0.00	0 - 00:00 hrs
1263	☐	WG-PT-3276	3.73	60.86	elow Link Cro	5.02	0 - 00:01 hrs	0.00	97.31	0.00	4.85	3,019.04	0.00	0.00	0.00	0.00	0.00	0.00	0 - 00:00 hrs
1264	☐	WG-PT-3294	1.84	61.09	elow Link Cro	7.16	0 - 10:00 hrs	0.00	17.34	0.00	0.76	-72.97	0.00	0.00	0.00	0.00	0.00	0.00	0 - 00:00 hrs
1265	☐	WG-PT-3308	8.90	82.61	Surcharged	0.00	0 - 00:00 hrs	0.00	173.90	0.00	10.62	3,624.32	1.72	4.90	0.00	0.00	0.00	93.52	0 - 00:00 hrs
1266	☐	WG-PT-3342	7.40	105.83	w Maximum C	0.00	0 - 09:56 hrs	0.00	23.02	0.00	1.09	6.21	0.62	4.90	0.00	0.00	0.16	10.47	0 - 09:56 hrs
1267	☐	WG-PT-3450	2.98	99.62	elow Link Cro	7.02	0 - 10:03 hrs	0.00	28.44	0.00	4.74	770.44	0.00	0.00	0.00	0.00	0.00	0.00	0 - 00:00 hrs
1268	☐	WG-PT-3451	3.21	99.97	w Maximum C	7.29	0 - 10:02 hrs	0.00	28.10	0.00	4.75	486.05	2.56	0.20	7.29	0.00	0.00	0.00	0 - 00:00 hrs
1269	☐	WG-PT-3462	4.20	102.24	w Maximum C	0.00	0 - 09:42 hrs	0.00	28.09	0.00	4.75	271.74	3.88	1.70	0.00	0.00	0.22	2.25	0 - 09:42 hrs
1270	☐	WG-PT-3468	6.00	97.27	w Maximum C	0.00	0 - 09:55 hrs	0.00	7.85	0.00	0.01	17.41	0.99	4.25	0.00	0.00	0.01	1.94	0 - 09:56 hrs
1271	☐	WG-PT-3474	6.10	94.99	Surcharged	0.00	0 - 09:52 hrs	0.00	37.34	0.00	3.43	353.38	2.60	3.60	0.00	0.13	0.58	14.41	0 - 09:59 hrs
1272	☐	WG-PT-3492	5.10	83.35	w Maximum C	0.00	0 - 09:53 hrs	0.00	13.53	0.00	0.91	0.00	1.19	2.00	0.00	0.00	0.05	11.40	0 - 09:53 hrs
1273	☐	WG-PT-3532	11.33	59.99	Surcharged	0.00	0 - 09:52 hrs	0.00	54.32	0.00	7.07	715.62	2.05	6.83	0.00	0.00	0.00	28.00	0 - 09:52 hrs
1274	☐	WG-PT-3563	8.30	64.08	Surcharged	0.00	0 - 09:47 hrs	0.00	19.48	0.00	1.93	148.93	1.94	6.30	0.00	0.00	0.17	1.05	0 - 09:47 hrs

FUTURE CONDITIONS 5-YR 24-HR CLIMATE CHANGE JUNCTIONS

		ID	Maximum Depth (ft)	Maximum HGL (ft)	Maximum HGL Head Class	Freeboard (ft)	Max.Depth Day-Time (day-time)	Maximum Lateral Inflow (cfs)	Maximum Total Inflow (cfs)	Lateral Inflow Volume (MG)	Total Inflow Volume (MG)	Flow Volume Difference (MG)	Total Surcharge Time (hrs)	Max.Surchar ge Height Above Crown	Min.Surchar ge Depth Below Rim (ft)	Total Flood Volume (MG)	Total Flood Time (hrs)	Maximum Flood Rate (cfs)	Max.Flood Day-Time (day-time)
1275	☐	WG-PT-3568	7.85	62.75	w Maximum	0.00	0 - 09:47 hrs	0.00	19.33	0.00	1.93	17.75	2.00	5.60	0.00	0.00	0.00	0.35	0 - 09:47 hrs
1276	☐	WG-PT-3570	7.13	61.72	w Maximum	0.16	0 - 09:47 hrs	0.00	19.33	0.00	1.93	73.07	1.86	4.63	0.16	0.00	0.00	0.00	0 - 00:00 hrs
1277	☐	WG-PT-3571	6.86	61.24	w Maximum	0.14	0 - 09:47 hrs	0.00	19.35	0.00	1.94	108.36	1.92	4.36	0.14	0.00	0.00	0.00	0 - 00:00 hrs
1278	☐	WG-PT-3572	6.40	60.53	w Maximum	0.00	0 - 09:47 hrs	0.00	19.35	0.00	1.94	200.38	2.03	3.90	0.00	0.00	0.00	0.34	0 - 09:47 hrs
1279	☐	WG-PT-3576	6.38	59.49	w Maximum	0.47	0 - 09:57 hrs	0.00	10.88	0.00	1.11	818.43	5.65	4.37	0.47	0.00	0.00	0.00	0 - 00:00 hrs
1280	☐	WG-PT-3578	5.67	59.31	w Maximum	0.00	0 - 09:47 hrs	27.07	27.07	1.29	1.29	0.00	2.72	3.46	0.00	0.17	0.62	20.74	0 - 10:03 hrs
1281	☐	WG-PT-3584	8.97	74.30	Surcharged	0.00	0 - 09:56 hrs	48.26	48.26	2.38	2.38	0.00	1.81	6.97	0.00	0.06	0.27	15.06	0 - 10:03 hrs
1282	☐	WG-PT-3586	8.35	69.75	Surcharged	0.00	0 - 09:56 hrs	0.00	35.33	0.00	2.32	-168.50	0.61	5.80	0.00	0.00	0.00	3.27	0 - 09:56 hrs
1283	☐	WG-PT-3590	9.58	63.31	w Maximum	0.00	0 - 09:56 hrs	0.00	33.23	0.00	2.32	-129.43	3.26	7.00	0.00	0.00	0.00	0.93	0 - 09:56 hrs
1284	☐	WG-PT-3599	8.69	57.13	w Maximum	5.19	0 - 00:09 hrs	0.00	122.65	0.00	7.60	12,137.49	47.77	3.69	5.19	0.00	0.00	0.00	0 - 00:00 hrs
1285	☐	WG-PT-3600	9.88	58.80	w Maximum	3.57	0 - 00:09 hrs	0.00	95.84	0.00	7.49	7,286.86	47.69	4.88	3.57	0.00	0.00	0.00	0 - 00:00 hrs
1286	☐	WG-PT-3738	3.27	56.40	w Maximum	7.93	0 - 10:08 hrs	0.00	7.48	0.00	0.73	265.18	2.09	1.77	7.93	0.00	0.00	0.00	0 - 00:00 hrs
1287	☐	WG-PT-3740	1.50	58.61	low Link Crov	5.45	0 - 09:59 hrs	0.00	9.15	0.00	0.35	-30.81	0.00	0.00	0.00	0.00	0.00	0.00	0 - 00:00 hrs
1288	☐	WG-PT-3756	9.50	57.50	Surcharged	0.00	0 - 00:02 hrs	0.00	30.36	0.00	1.81	0.00	47.93	6.55	0.00	0.00	0.00	9.98	0 - 00:02 hrs
1289	☐	WG-PT-3760	11.00	58.93	w Maximum	0.00	0 - 00:01 hrs	0.00	63.61	0.00	1.82	0.00	47.95	8.50	0.00	0.00	0.00	26.25	0 - 00:01 hrs
1290	☐	WG-PT-3761	8.65	56.21	w Maximum	4.80	0 - 00:02 hrs	0.00	43.24	0.00	1.81	1,225.26	47.94	6.15	4.80	0.00	0.00	0.00	0 - 00:00 hrs
1291	☐	WG-PT-3765	8.61	59.63	w Maximum	2.19	0 - 09:57 hrs	0.00	24.26	0.00	2.79	3,078.56	47.37	5.49	2.19	0.00	0.00	0.00	0 - 00:00 hrs
1292	☐	WG-PT-3780	1.40	66.58	low Link Crov	6.82	0 - 10:04 hrs	0.00	39.27	0.00	1.85	171.30	0.00	0.00	0.00	0.00	0.00	0.00	0 - 00:00 hrs
1293	☐	WG-PT-3800	12.65	92.41	w Maximum	0.30	0 - 10:00 hrs	0.00	237.61	0.00	23.31	-1,900.13	1.42	7.15	0.30	0.00	0.00	0.00	0 - 00:00 hrs
1294	☐	WG-PT-3809	10.00	94.95	Surcharged	0.00	0 - 10:00 hrs	0.00	87.54	0.00	7.57	290.11	1.05	5.50	0.00	0.00	0.00	22.41	0 - 10:00 hrs
1295	☐	WG-PT-3812	5.22	95.11	w Maximum	0.00	0 - 10:02 hrs	0.00	48.88	0.00	5.70	272.97	0.39	1.72	0.00	0.01	0.03	36.41	0 - 10:02 hrs
1296	☐	WG-PT-3813	5.82	96.06	Surcharged	0.00	0 - 10:03 hrs	0.00	47.04	0.00	5.71	622.58	0.37	2.20	0.00	0.00	0.00	22.39	0 - 10:03 hrs
1297	☐	WG-PT-3814	7.22	76.18	Surcharged	0.00	0 - 10:00 hrs	0.00	68.50	0.00	5.96	71.33	0.43	4.20	0.00	0.00	0.00	7.45	0 - 10:00 hrs
1298	☐	WG-PT-3821	9.40	55.54	w Maximum	0.40	0 - 10:03 hrs	0.00	18.89	0.00	1.59	0.00	47.64	7.40	0.40	0.00	0.00	0.00	0 - 00:00 hrs
1299	☐	WG-PT-3834	15.52	57.10	Surcharged	0.00	0 - 00:01 hrs	0.00	54.04	0.00	0.73	584.06	47.97	12.65	0.00	0.00	0.00	27.20	0 - 00:01 hrs
1300	☐	WG-PT-3836	14.30	62.57	Surcharged	0.00	0 - 09:53 hrs	0.00	16.53	0.00	0.72	-149.71	0.71	12.18	0.00	0.00	0.00	2.12	0 - 09:53 hrs
1301	☐	WG-PT-3840	11.06	53.74	w Maximum	2.98	0 - 00:03 hrs	0.00	51.01	0.00	1.35	5,034.44	47.84	7.02	2.98	0.00	0.00	0.00	0 - 00:00 hrs
1302	☐	WG-PT-3853	6.55	53.45	w Maximum	0.00	0 - 09:55 hrs	0.00	21.30	0.00	1.40	45.22	0.97	4.30	0.00	0.00	0.00	14.72	0 - 09:55 hrs
1303	☐	WG-PT-3860	6.45	50.46	w Maximum	1.95	0 - 09:55 hrs	0.00	49.02	0.00	3.74	90.22	1.16	3.40	1.95	0.00	0.00	0.00	0 - 00:00 hrs
1304	☐	WG-PT-3862	5.77	49.28	w Maximum	2.45	0 - 09:55 hrs	0.00	48.98	0.00	3.75	208.23	1.10	2.59	2.45	0.00	0.00	0.00	0 - 00:00 hrs
1305	☐	WG-PT-3865	5.35	47.76	w Maximum	0.00	0 - 09:53 hrs	0.00	48.91	0.00	4.08	1,171.55	1.09	1.85	0.00	0.00	0.02	4.84	0 - 09:53 hrs
1306	☐	WG-PT-3871	11.36	60.99	w Maximum	0.96	0 - 00:09 hrs	0.00	28.71	0.00	5.49	2,734.11	47.68	8.23	0.96	0.00	0.00	0.00	0 - 00:00 hrs
1307	☐	WG-PT-3882	8.35	70.46	w Maximum	0.00	0 - 09:55 hrs	0.00	79.52	0.00	6.50	418.83	1.09	4.85	0.00	0.00	0.01	3.01	0 - 09:55 hrs
1308	☐	WG-PT-3884	7.69	67.49	w Maximum	0.00	0 - 09:59 hrs	0.00	79.51	0.00	6.49	120.95	0.87	4.19	0.00	0.00	0.00	0.05	0 - 09:59 hrs
1309	☐	WG-PT-3888	10.10	68.39	w Maximum	0.00	0 - 09:57 hrs	0.00	64.00	0.00	5.90	68.23	0.75	6.90	0.00	0.00	0.00	11.13	0 - 09:57 hrs
1310	☐	WG-PT-3898	1.94	78.24	low Link Crov	2.93	0 - 10:06 hrs	0.00	29.97	0.00	2.57	113.90	0.00	0.00	0.00	0.00	0.00	0.00	0 - 00:00 hrs
1311	☐	WG-PT-3945	10.70	102.11	w Maximum	0.00	0 - 10:00 hrs	0.00	123.89	0.00	7.01	-1,204.95	0.48	7.70	0.00	0.00	0.00	9.80	0 - 10:00 hrs
1312	☐	WG-PT-3966	8.80	96.48	Surcharged	0.00	0 - 10:00 hrs	0.00	15.37	0.00	0.48	-29.12	0.94	6.80	0.00	0.00	0.00	13.05	0 - 10:00 hrs
1313	☐	WG-PT-3975	8.65	90.08	Surcharged	0.00	0 - 09:59 hrs	0.00	61.84	0.00	3.18	236.79	1.07	5.10	0.00	0.10	0.19	29.41	0 - 10:02 hrs
1314	☐	WG-PT-3981	14.02	38.25	w Maximum	0.84	0 - 11:29 hrs	0.00	45.98	0.00	17.23	23,468.11	33.78	6.19	0.84	0.00	0.00	0.00	0 - 00:00 hrs
1315	☐	WG-PT-3982	9.52	36.16	w Maximum	0.48	0 - 11:34 hrs	0.00	21.55	0.00	8.45	1,249.71	39.90	6.52	0.48	0.00	0.00	0.00	0 - 00:00 hrs
1316	☐	WG-PT-4027	1.21	57.00	low Link Crov	10.45	0 - 10:03 hrs	0.00	22.46	0.00	1.24	77.98	0.00	0.00	0.00	0.00	0.00	0.00	0 - 00:00 hrs
1317	☐	WG-PT-4061	8.83	86.20	w Maximum	0.00	0 - 09:56 hrs	0.00	224.56	0.00	31.27	1,623.14	1.90	3.10	0.00	0.82	0.56	109.09	0 - 10:03 hrs
1318	☐	WG-PT-4069	3.69	64.85	w Maximum	0.69	0 - 09:49 hrs	0.00	5.91	0.00	0.51	0.00	1.38	2.35	0.69	0.00	0.00	0.00	0 - 00:00 hrs
1319	☐	WG-PT-4071	4.31	65.46	w Maximum	0.37	0 - 09:49 hrs	0.00	5.90	0.00	0.51	18.86	1.68	2.98	0.37	0.00	0.00	0.00	0 - 00:00 hrs
1320	☐	WG-PT-4078	4.60	53.56	w Maximum	0.50	0 - 10:03 hrs	0.00	4.53	0.00	1.01	77.55	5.74	3.10	0.50	0.00	0.00	0.00	0 - 00:00 hrs
1321	☐	WG-PT-4079	4.57	53.38	w Maximum	0.63	0 - 10:03 hrs	0.00	4.53	0.00	1.01	68.93	5.68	3.07	0.63	0.00	0.00	0.00	0 - 00:00 hrs
1322	☐	WG-PT-4082	4.91	52.84	w Maximum	0.14	0 - 09:51 hrs	0.00	4.52	0.00	1.01	51.63	6.38	3.41	0.14	0.00	0.00	0.00	0 - 00:00 hrs
1323	☐	WG-PT-4083	4.76	52.73	w Maximum	0.14	0 - 10:17 hrs	0.00	4.49	0.00	1.01	0.00	6.16	3.26	0.14	0.00	0.00	0.00	0 - 00:00 hrs

FUTURE CONDITIONS 5-YR 24-HR CLIMATE CHANGE JUNCTIONS

		ID	Maximum Depth (ft)	Maximum HGL (ft)	Maximum HGL Head Class	Freeboard (ft)	Max.Depth Day-Time (day-time)	Maximum Lateral Inflow (cfs)	Maximum Total Inflow (cfs)	Lateral Inflow Volume (MG)	Total Inflow Volume (MG)	Flow Volume Difference (MG)	Total Surcharge Time (hrs)	Max.Surchar ge Height Above Crown (ft)	Min.Surchar ge Depth Below Rim (ft)	Total Flood Volume (MG)	Total Flood Time (hrs)	Maximum Flood Rate (cfs)	Max.Flood Day-Time (day-time)
1324	☐	WG-PT-4085	4.78	52.47	w Maximum	0.11	0 - 09:51 hrs	0.00	4.51	0.00	1.01	79.47	6.41	3.28	0.11	0.00	0.00	0.00	0 - 00:00 hrs
1325	☐	WG-PT-5007	5.92	55.26	w Maximum	0.00	0 - 09:55 hrs	0.00	18.02	0.00	1.68	0.00	1.82	3.92	0.00	0.00	0.03	1.19	0 - 09:56 hrs
1326	☐	WG-PT-5020	5.25	52.18	w Maximum	0.00	0 - 09:56 hrs	26.65	26.65	1.30	1.31	0.00	1.12	3.00	0.00	0.00	0.00	5.18	0 - 09:56 hrs
1327	☐	WG-PT-5037	13.14	39.14	w Maximum	0.66	0 - 12:17 hrs	0.00	221.84	0.00	30.72	26,137.23	30.99	5.64	0.66	0.00	0.00	0.00	0 - 00:00 hrs
1328	☐	WG-PT-5038	9.70	39.20	w Maximum	1.02	0 - 12:36 hrs	0.00	50.25	0.00	6.43	316.98	31.12	5.70	1.02	0.00	0.00	0.00	0 - 00:00 hrs
1329	☐	WG-PT-5042	11.90	36.13	w Maximum	0.00	0 - 09:49 hrs	0.00	41.44	0.00	13.20	5,427.78	39.89	6.50	0.00	0.01	2.08	4.67	0 - 09:56 hrs
1330	☐	WG-PT-5043	11.45	36.08	Surcharged	0.00	0 - 09:51 hrs	0.00	41.45	0.00	13.15	2,840.18	39.98	6.47	0.00	4.54	13.78	19.65	0 - 11:14 hrs
1331	☐	WG-PT-5058	6.55	51.49	Surcharged	0.00	0 - 09:56 hrs	0.00	30.42	0.00	2.59	169.65	1.69	3.45	0.00	0.00	0.05	0.33	0 - 09:56 hrs
1332	☐	WG-PT-5059	5.95	51.40	Surcharged	0.00	0 - 09:56 hrs	0.00	8.76	0.00	0.81	222.39	2.02	4.40	0.00	0.00	0.15	0.53	0 - 10:04 hrs
1333	☐	WG-PT-5060	6.92	51.54	Surcharged	0.00	0 - 09:56 hrs	0.00	68.55	0.00	6.46	598.73	1.59	3.38	0.00	0.00	0.00	2.26	0 - 09:56 hrs
1334	☐	WG-PT-5065	8.58	55.64	w Maximum	0.12	0 - 09:56 hrs	0.00	26.28	0.00	2.30	150.36	1.57	5.89	0.12	0.00	0.00	0.00	0 - 00:00 hrs
1335	☐	WG-PT-5067	3.70	54.63	Surcharged	0.00	0 - 09:52 hrs	0.00	1.76	0.00	0.14	123.81	1.74	2.25	0.00	0.00	0.30	1.56	0 - 09:52 hrs
1336	☐	WG-PT-5071	4.90	56.76	Surcharged	0.00	0 - 09:56 hrs	0.00	2.86	0.00	0.62	23.20	2.08	3.59	0.00	0.00	0.01	0.79	0 - 09:56 hrs
1337	☐	WG-PT-5076	8.30	59.31	w Maximum	0.00	0 - 09:56 hrs	0.00	14.21	0.00	1.59	466.79	3.31	6.25	0.00	0.00	0.02	1.21	0 - 09:56 hrs
1338	☐	WG-PT-5084	3.96	48.43	w Maximum	0.00	0 - 09:56 hrs	0.00	3.92	0.00	0.02	0.00	1.53	2.71	0.00	0.02	0.35	3.90	0 - 09:56 hrs
1339	☐	WG-PT-5092	8.89	47.19	w Maximum	0.91	0 - 09:55 hrs	0.00	51.99	0.00	6.78	435.09	4.05	5.29	0.91	0.00	0.00	0.00	0 - 00:00 hrs
1340	☐	WG-PT-5093	4.60	48.76	Surcharged	0.00	0 - 09:48 hrs	0.00	3.81	0.00	0.26	0.00	3.47	3.35	0.00	0.00	0.29	3.48	0 - 09:48 hrs
1341	☐	WG-PT-5095	4.60	48.15	Surcharged	0.00	0 - 09:48 hrs	0.00	3.85	0.00	0.26	51.90	3.90	3.15	0.00	0.01	0.70	3.37	0 - 09:48 hrs
1342	☐	WG-PT-5096	4.50	48.03	w Maximum	0.00	0 - 09:48 hrs	0.00	3.04	0.00	0.26	25.90	4.09	3.19	0.00	0.02	0.71	3.02	0 - 10:07 hrs
1343	☐	WG-PT-5148	8.30	44.45	w Maximum	1.00	0 - 09:51 hrs	0.00	28.18	0.00	2.24	2,515.45	1.83	4.61	1.00	0.00	0.00	0.00	0 - 00:00 hrs
1344	☐	WG-PT-5155	5.10	48.63	w Maximum	0.00	0 - 09:48 hrs	0.00	12.26	0.00	1.13	84.71	3.82	3.05	0.00	0.00	0.35	0.14	0 - 09:48 hrs
1345	☐	WG-PT-5206	12.91	44.79	w Maximum	0.14	0 - 09:55 hrs	0.00	126.56	0.00	11.55	11,469.35	23.13	7.41	0.14	0.00	0.00	0.00	0 - 00:00 hrs
1346	☐	WG-PT-5209	13.34	46.65	w Maximum	0.00	0 - 09:53 hrs	0.00	101.03	0.00	10.47	7,721.66	9.03	7.62	0.00	0.00	0.00	5.56	0 - 09:53 hrs
1347	☐	WG-PT-5213	12.93	47.09	Surcharged	0.00	0 - 09:53 hrs	0.00	100.97	0.00	10.53	2,613.36	6.80	7.53	0.00	0.00	0.00	1.64	0 - 09:53 hrs
1348	☐	WG-PT-5214	13.01	47.82	Surcharged	0.00	0 - 09:53 hrs	0.00	101.01	0.00	10.55	1,674.28	5.84	7.91	0.00	0.00	0.00	2.05	0 - 09:53 hrs
1349	☐	WG-PT-5219	7.84	49.55	w Maximum	0.00	0 - 09:56 hrs	0.00	81.86	0.00	7.41	899.41	1.89	3.62	0.00	0.00	0.00	8.37	0 - 09:56 hrs
1350	☐	WG-PT-5225	6.27	49.30	Surcharged	0.00	0 - 09:57 hrs	10.72	10.72	0.47	0.47	0.00	1.54	4.27	0.00	0.01	0.13	8.60	0 - 09:57 hrs
1351	☐	WG-PT-5226	6.28	49.20	Surcharged	0.00	0 - 09:57 hrs	0.00	11.14	0.00	0.46	14.09	1.63	4.28	0.00	0.01	0.16	10.42	0 - 09:57 hrs
1352	☐	WG-PT-5233	4.88	49.69	Surcharged	0.00	0 - 09:56 hrs	0.00	7.80	0.00	0.02	0.00	3.16	3.38	0.00	0.02	0.41	7.36	0 - 09:56 hrs
1353	☐	WG-PT-75061	11.72	96.33	w Maximum	0.33	0 - 09:55 hrs	0.00	49.71	0.00	3.37	114.21	0.82	9.21	0.33	0.00	0.00	0.00	0 - 00:00 hrs
1354	☐	WG-PT-75077	8.60	96.01	w Maximum	1.30	0 - 10:03 hrs	0.00	85.18	0.00	7.38	-478.62	0.28	4.60	1.30	0.00	0.00	0.00	0 - 00:00 hrs
1355	☐	WG_DI_01	5.00	50.00	low Link Crov	0.00	0 - 10:00 hrs	38.76	63.10	2.39	2.43	0.00	0.46	0.00	0.00	0.04	0.23	37.53	0 - 10:00 hrs
1356	☐	WG_DI_02	5.00	130.00	low Link Crov	0.00	0 - 09:49 hrs	125.83	125.83	7.88	7.88	0.00	7.71	0.00	0.00	2.44	3.86	107.83	0 - 10:03 hrs
1357	☐	WG_DI_03	5.00	120.00	low Link Crov	0.00	0 - 09:59 hrs	143.23	143.23	9.75	9.75	0.00	1.51	0.00	0.00	0.69	0.76	79.60	0 - 10:03 hrs
1358	☐	WG_DI_04	1.57	101.57	low Link Crov	3.43	0 - 10:07 hrs	14.88	15.72	0.71	0.71	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0 - 00:00 hrs
1359	☐	WG_DI_05	3.08	106.08	low Link Crov	1.92	0 - 10:08 hrs	127.78	127.78	7.76	7.76	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0 - 00:00 hrs
1360	☐	WG_DI_06	8.00	94.00	w Maximum	0.00	0 - 09:59 hrs	37.46	37.46	1.86	1.86	0.00	0.76	4.50	0.00	0.04	0.20	34.24	0 - 09:59 hrs

FUTURE CONDITIONS 5-YR 24-HR CLIMATE CHANGE CONDUITS

		ID	Full Depth (ft)	Full Flow (cfs)	Percent Slope (%)	Maximum Flow (cfs)	Maximum Flow Class	Max.Flow Day-Time (day-time)	Velocity at Maximum Flow (ft/s)	Maximum Velocity (ft/s)	Max.Flow/Fu ll Flow	Max.Depth/F ull Depth	Reserve Capacity (cfs)	Total Flow Volume (MG)	Maximum Top Width (ft)	Both End Surcharge Time (hrs)	Upstream Surcharge Time (hrs)	Downstream Surcharge Time (hrs)	Above Full-Flow Time (hrs)	Capacity Limited Time (hrs)	Instability Index
1	☐	0	2.00	11.88	0.24	8.35	Backwater	0 - 09:59 hrs	2.85	2.85	0.70	1.00	3.53	0.33	2.00	13.87	13.87	13.96	0.00	0.03	57
2	☐	10	4.00	105.70	0.54	38.23	Free Surface	0 - 10:04 hrs	8.61	8.61	0.36	0.38	67.47	2.25	3.89	0.00	0.00	0.00	0.00	0.00	0
3	☐	100	3.00	30.53	0.60	9.86	Free Surface	0 - 10:06 hrs	3.93	3.93	0.32	0.38	20.67	0.44	2.92	0.00	0.00	0.00	0.00	0.00	0
4	☐	1000	5.50	182.68	0.30	101.03	Backwater	0 - 10:03 hrs	4.25	4.25	0.55	1.00	81.64	10.47	5.50	4.87	4.87	5.19	0.00	0.52	33
5	☐	1001	5.00	82.17	0.10	101.02	ceeds Capac	0 - 10:03 hrs	5.14	5.14	1.23	1.00	-18.85	10.49	5.00	6.36	6.36	6.88	0.60	1.09	36
6	☐	1002	5.50	139.87	0.17	101.05	Backwater	0 - 10:03 hrs	4.25	4.25	0.72	1.00	38.82	10.41	5.50	4.52	4.52	10.23	0.00	0.00	31
7	☐	1003	3.50	27.15	0.07	51.99	ceeds Capac	0 - 09:55 hrs	5.40	5.40	1.91	1.00	-24.83	6.78	3.50	2.02	2.07	2.02	2.41	1.83	10
8	☐	1004	2.75	30.85	0.34	20.91	Backwater	0 - 09:59 hrs	3.52	3.52	0.68	1.00	9.95	2.05	2.75	14.47	14.47	15.49	0.00	0.00	51
9	☐	1005	1.50	3.07	0.11	4.40	ceeds Capac	0 - 10:30 hrs	2.49	2.49	1.43	1.00	-1.33	0.15	1.50	0.96	1.01	0.97	1.04	0.96	3
10	☐	1006	2.50	19.22	0.22	26.73	ceeds Capac	0 - 09:55 hrs	5.44	5.44	1.39	1.00	-7.51	2.31	2.50	0.74	0.77	0.76	0.31	0.33	4
11	☐	1007	2.00	9.12	0.16	18.01	ceeds Capac	0 - 09:52 hrs	5.73	5.73	1.97	1.00	-8.88	1.70	2.00	1.27	1.27	1.27	1.20	1.11	2
12	☐	1008	3.00	32.17	0.23	16.00	Backwater	0 - 10:07 hrs	2.26	2.26	0.50	1.00	16.17	1.16	3.00	15.58	15.58	16.97	0.00	0.00	48
13	☐	1009	3.00	38.14	0.33	16.03	Backwater	0 - 10:03 hrs	2.27	2.32	0.42	1.00	22.11	1.14	3.00	16.82	16.82	17.61	0.00	0.00	66
14	☐	101	2.25	39.62	1.64	22.45	Free Surface	0 - 10:03 hrs	10.27	10.27	0.57	0.54	17.16	1.24	2.25	0.00	0.00	0.00	0.00	0.00	0
15	☐	1010	3.00	31.60	0.22	16.04	Backwater	0 - 10:11 hrs	2.27	2.27	0.51	1.00	15.57	1.13	3.00	18.61	18.61	18.96	0.00	0.00	62
16	☐	1011	2.50	39.35	0.92	35.44	Backwater	0 - 09:59 hrs	7.22	8.79	0.90	1.00	3.90	1.99	2.50	0.18	0.18	0.38	0.00	0.00	3
17	☐	1012	2.50	11.49	0.08	35.46	ceeds Capac	0 - 09:59 hrs	7.22	7.22	3.09	1.00	-23.98	2.00	2.50	0.20	0.32	0.20	1.07	0.20	3
18	☐	1013	2.50	19.25	0.22	35.45	ceeds Capac	0 - 09:59 hrs	7.22	7.22	1.84	1.00	-16.21	2.00	2.50	0.32	0.34	0.32	0.59	0.32	1
19	☐	1014	2.00	12.21	0.29	18.08	ceeds Capac	0 - 10:11 hrs	5.75	5.75	1.48	1.00	-5.87	1.19	2.00	0.55	0.56	0.57	0.58	0.55	1
20	☐	1015	2.00	13.29	0.35	18.07	ceeds Capac	0 - 10:11 hrs	5.75	5.75	1.36	1.00	-4.78	1.19	2.00	0.46	0.46	0.48	0.46	0.42	1
21	☐	1016	2.00	12.67	0.31	18.07	ceeds Capac	0 - 10:11 hrs	5.75	5.75	1.43	1.00	-5.41	1.19	2.00	0.46	0.47	0.46	0.53	0.45	1
22	☐	1017	2.00	17.50	0.60	16.43	Backwater	0 - 10:06 hrs	5.23	5.23	0.94	1.00	1.07	0.81	2.00	0.36	0.36	0.47	0.00	0.00	0
23	☐	1018	2.00	14.84	0.43	17.40	ceeds Capac	0 - 10:04 hrs	5.54	5.54	1.17	1.00	-2.55	1.09	2.00	0.76	0.76	0.90	0.32	0.32	3
24	☐	1019	2.00	11.10	0.24	12.76	ceeds Capac	0 - 10:27 hrs	4.06	4.06	1.15	1.00	-1.66	1.28	2.00	0.92	0.92	1.00	0.27	0.27	2
25	☐	102	2.00	19.73	0.76	22.46	Free Surface	0 - 10:03 hrs	8.31	8.35	1.14	0.80	-2.74	1.24	2.00	0.00	0.24	0.00	0.21	0.00	0
26	☐	1020	2.00	15.15	0.45	15.89	ceeds Capac	0 - 10:27 hrs	5.06	5.06	1.05	1.00	-0.74	1.71	2.00	0.95	0.95	1.03	0.26	0.27	6
27	☐	1021	2.00	9.62	0.18	15.89	ceeds Capac	0 - 10:27 hrs	5.06	5.06	1.65	1.00	-6.27	1.71	2.00	1.03	1.08	1.03	1.23	1.03	5
28	☐	1022	2.00	9.79	0.19	15.89	ceeds Capac	0 - 10:27 hrs	5.06	5.06	1.62	1.00	-6.10	1.71	2.00	0.98	1.07	0.98	1.22	0.98	4
29	☐	1023	2.00	12.95	0.33	24.47	ceeds Capac	0 - 09:59 hrs	7.79	7.79	1.89	1.00	-11.52	2.17	2.00	0.90	1.04	0.90	1.17	0.90	3
30	☐	1024	2.00	10.61	0.22	24.48	ceeds Capac	0 - 09:59 hrs	7.79	7.79	2.31	1.00	-13.86	2.17	2.00	0.35	1.08	0.35	1.36	0.35	3
31	☐	1025	2.00	17.34	0.59	24.54	Free Surface	0 - 09:59 hrs	8.02	8.02	1.42	0.94	-7.20	2.17	2.00	0.00	0.35	0.00	0.68	0.00	0
32	☐	1026	3.00	39.31	0.35	24.15	Free Surface	0 - 10:02 hrs	4.07	4.07	0.61	0.79	15.16	2.16	3.00	0.00	0.00	6.26	0.00	0.00	1
33	☐	1027	2.00	12.96	0.33	20.11	ceeds Capac	0 - 10:03 hrs	6.40	6.40	1.55	1.00	-7.15	1.19	2.00	0.33	0.34	0.33	0.38	0.33	1
34	☐	1028	2.00	10.50	0.22	20.11	ceeds Capac	0 - 10:02 hrs	6.40	6.40	1.91	1.00	-9.61	1.19	2.00	0.32	0.37	0.32	0.46	0.32	1
35	☐	1029	2.00	12.52	0.31	20.12	ceeds Capac	0 - 10:03 hrs	6.40	6.40	1.61	1.00	-7.60	1.19	2.00	0.27	0.30	0.27	0.39	0.27	1
36	☐	103	2.00	18.27	0.65	22.64	ceeds Capac	0 - 09:57 hrs	7.21	7.21	1.24	1.00	-4.37	1.25	2.00	0.24	0.25	0.24	0.27	0.22	1
37	☐	1030	2.00	12.48	0.30	20.12	ceeds Capac	0 - 10:02 hrs	6.40	6.40	1.61	1.00	-7.64	1.19	2.00	0.24	0.29	0.24	0.39	0.24	1
38	☐	1031	2.00	12.19	0.29	20.22	Free Surface	0 - 09:57 hrs	6.78	6.78	1.66	0.97	-8.04	1.19	2.00	0.00	0.26	0.00	0.40	0.00	1
39	☐	1032	2.25	26.76	0.75	21.73	Free Surface	0 - 10:07 hrs	5.91	7.33	0.81	0.96	5.03	1.19	2.25	0.00	0.00	0.16	0.00	0.00	0
40	☐	1033	2.25	33.77	1.19	21.73	Backwater	0 - 10:07 hrs	5.47	7.35	0.64	1.00	12.04	1.19	2.25	0.20	0.20	0.28	0.00	0.00	1
41	☐	1035	2.50	22.73	0.31	34.24	ceeds Capac	0 - 10:00 hrs	6.97	6.97	1.51	1.00	-11.51	1.89	2.50	0.25	0.27	0.25	0.36	0.25	0
42	☐	1036	2.50	22.74	0.31	34.23	Free Surface	0 - 10:02 hrs	7.36	7.36	1.51	0.90	-11.49	1.89	2.50	0.00	0.25	0.00	0.36	0.00	0
43	☐	1037	2.50	30.88	0.57	34.52	Free Surface	0 - 10:00 hrs	7.57	7.58	1.12	0.88	-3.64	1.89	2.50	0.00	0.00	0.00	0.18	0.00	0
44	☐	1038	2.50	36.15	0.78	34.31	Free Surface	0 - 10:00 hrs	7.13	7.13	0.95	0.95	1.85	1.89	2.48	0.00	0.00	0.00	0.00	0.00	0
45	☐	1039	2.50	19.99	0.24	34.23	Free Surface	0 - 10:00 hrs	7.47	7.47	1.71	0.88	-14.24	1.88	2.35	0.00	0.00	0.00	0.41	0.00	0
46	☐	104	2.00	27.45	1.47	22.61	Backwater	0 - 09:57 hrs	7.98	7.98	0.82	1.00	4.84	1.25	2.00	0.18	0.18	0.25	0.00	0.00	1
47	☐	1040	2.50	33.85	0.68	35.83	Free Surface	0 - 09:59 hrs	8.05	8.05	1.06	0.85	-1.98	1.47	2.50	0.00	0.00	0.00	0.02	0.00	0
48	☐	1042	3.50	67.70	0.45	35.65	Free Surface	0 - 09:59 hrs	6.30	6.31	0.53	0.57	32.05	1.47	3.50	0.00	0.00	0.00	0.00	0.00	0
49	☐	1043	3.50	44.49	0.20	34.32	Free Surface	0 - 10:00 hrs	4.93	5.00	0.77	0.68	10.17	1.47	3.50	0.00	0.00	0.00	0.00	0.00	0

FUTURE CONDITIONS 5-YR 24-HR CLIMATE CHANGE CONDUITS

		ID	Full Depth (ft)	Full Flow (cfs)	Percent Slope (%)	Maximum Flow (cfs)	Maximum Flow Class	Max.Flow Day-Time (day-time)	Velocity at Maximum Flow (ft/s)	Maximum Velocity (ft/s)	Max.Flow/Fu ll Flow	Max.Depth/F ull Depth	Reserve Capacity (cfs)	Total Flow Volume (MG)	Maximum Top Width (ft)	Both End Surcharge Time (hrs)	Upstream Surcharge Time (hrs)	Downstream Surcharge Time (hrs)	Above Full-Flow Time (hrs)	Capacity Limited Time (hrs)	Instability Index
50	☐	1044	3.50	51.97	0.27	33.89	Free Surface	0 - 10:00 hrs	4.62	4.64	0.65	0.71	18.08	1.47	3.50	0.00	0.00	0.00	0.00	0.00	0
51	☐	1045	3.50	61.38	0.37	54.95	Free Surface	0 - 10:00 hrs	6.20	6.24	0.90	0.87	6.43	2.44	3.50	0.00	0.00	0.00	0.00	0.00	0
52	☐	1046	3.50	41.53	0.17	54.52	Free Surface	0 - 10:00 hrs	6.88	6.88	1.31	0.77	-12.99	2.44	3.50	0.00	0.00	0.00	0.21	0.00	0
53	☐	1047	3.50	87.30	0.75	54.50	Free Surface	0 - 10:02 hrs	8.02	8.03	0.62	0.67	32.79	2.44	3.50	0.00	0.00	0.00	0.00	0.00	0
54	☐	1048	3.50	55.22	0.30	54.45	Free Surface	0 - 10:02 hrs	7.18	7.18	0.99	0.74	0.77	2.44	3.50	0.00	0.00	0.00	0.00	0.00	0
55	☐	1049	4.00	75.82	0.28	54.45	Free Surface	0 - 10:02 hrs	6.66	6.66	0.72	0.62	21.37	2.43	4.00	0.00	0.00	0.00	0.00	0.00	0
56	☐	105	2.00	18.69	0.68	24.08	ceeds Capac	0 - 09:57 hrs	7.72	8.13	1.29	1.00	-5.38	1.24	2.00	0.18	0.22	0.18	0.25	0.18	1
57	☐	1050	4.00	74.75	0.27	54.48	Free Surface	0 - 10:02 hrs	7.04	7.04	0.73	0.59	20.27	2.43	4.00	0.00	0.00	0.00	0.00	0.00	0
58	☐	1051	4.00	90.82	0.40	54.46	Free Surface	0 - 10:03 hrs	7.75	7.75	0.60	0.55	36.37	2.43	4.00	0.00	0.00	0.00	0.00	0.00	0
59	☐	1052	4.00	100.20	0.49	54.39	Free Surface	0 - 10:03 hrs	6.88	6.98	0.54	0.61	45.81	2.43	4.00	0.00	0.00	0.00	0.00	0.00	0
60	☐	1053	4.00	79.87	0.31	61.27	Free Surface	0 - 10:03 hrs	8.35	8.36	0.77	0.61	18.60	2.76	4.00	0.00	0.00	0.00	0.00	0.00	0
61	☐	1054	4.00	153.88	1.15	76.63	Free Surface	0 - 10:03 hrs	10.54	10.55	0.50	0.59	77.25	2.76	4.00	0.00	0.00	0.00	0.00	0.00	5
62	☐	1055	4.00	183.46	1.63	68.57	Free Surface	0 - 10:03 hrs	6.02	6.42	0.37	0.90	114.89	2.76	4.00	0.00	0.00	0.11	0.00	0.00	4
63	☐	1056	4.00	80.08	0.31	64.38	Free Surface	0 - 10:03 hrs	5.74	5.86	0.80	0.87	15.70	2.75	4.00	0.00	0.00	0.00	0.00	0.00	4
64	☐	1057	4.00	80.35	0.31	75.70	Free Surface	0 - 10:03 hrs	6.13	6.32	0.94	0.98	4.65	3.50	4.00	0.00	0.00	0.01	0.00	0.00	3
65	☐	1058	4.00	87.56	0.37	73.71	Backwater	0 - 10:03 hrs	5.87	5.87	0.84	1.00	13.85	3.50	4.00	0.01	0.01	0.08	0.00	0.00	4
66	☐	1059	4.00	110.02	0.59	73.51	Backwater	0 - 10:03 hrs	5.85	5.85	0.67	1.00	36.51	3.49	4.00	0.09	0.09	0.14	0.00	0.00	4
67	☐	106	6.00	303.63	0.51	130.95	Backwater	0 - 09:59 hrs	4.63	4.63	0.43	1.00	172.68	7.17	6.00	0.11	0.11	20.03	0.00	0.00	13
68	☐	1060	4.00	32.40	0.05	73.77	Free Surface	0 - 10:03 hrs	5.89	5.89	2.28	1.00	-41.37	3.48	4.00	0.00	0.00	0.14	0.44	0.00	4
69	☐	1061	1.75	11.17	0.66	24.18	ceeds Capac	0 - 09:56 hrs	10.05	10.05	2.17	1.00	-13.01	1.24	1.75	0.67	0.67	1.12	0.61	0.61	6
70	☐	1062	4.00	77.18	0.29	95.96	Free Surface	0 - 10:04 hrs	7.72	7.73	1.24	0.97	-18.79	4.72	4.00	0.00	0.00	0.00	0.24	0.00	1
71	☐	1063	4.00	76.68	0.28	95.65	Free Surface	0 - 10:04 hrs	8.22	8.29	1.25	0.87	-18.97	4.71	3.90	0.00	0.00	0.00	0.24	0.00	2
72	☐	1064	1.75	6.63	0.23	1.30	Free Surface	0 - 09:59 hrs	2.46	2.46	0.20	0.27	5.33	0.04	1.68	0.00	0.00	0.00	0.00	0.00	0
73	☐	1065	2.50	69.95	2.91	13.88	Free Surface	0 - 09:59 hrs	4.75	4.75	0.20	0.58	56.07	0.55	2.50	0.00	0.00	0.00	0.00	0.00	0
74	☐	1066	2.50	23.19	0.32	12.63	Free Surface	0 - 09:59 hrs	5.10	5.10	0.54	0.50	10.56	0.51	2.46	0.00	0.00	0.00	0.00	0.00	0
75	☐	1067	3.00	38.68	0.34	30.50	Free Surface	0 - 00:00 hrs	4.89	5.05	0.79	0.94	8.18	0.92	2.53	0.00	0.00	0.00	0.00	0.00	1
76	☐	1068	3.00	36.91	0.31	21.36	Free Surface	0 - 10:00 hrs	4.28	4.29	0.58	0.69	15.55	0.93	3.00	0.00	0.00	0.00	0.00	0.00	0
77	☐	1069	1.25	7.83	1.95	4.81	Free Surface	0 - 09:59 hrs	4.67	4.67	0.61	0.78	3.02	0.18	1.25	0.00	0.00	2.19	0.00	0.00	0
78	☐	107	3.00	44.98	0.45	21.55	Backwater	0 - 17:50 hrs	3.05	3.05	0.48	1.00	23.43	7.81	3.00	19.95	19.95	20.07	0.00	0.14	77
79	☐	1070	2.00	35.98	2.53	20.29	Backwater	0 - 09:55 hrs	7.86	9.11	0.56	1.00	15.70	1.31	2.00	0.35	0.35	0.41	0.00	0.00	2
80	☐	1071	2.00	20.15	0.79	17.63	Backwater	0 - 10:14 hrs	5.61	6.81	0.87	1.00	2.53	1.31	2.00	0.41	0.41	0.54	0.00	0.00	1
81	☐	1072	2.50	28.94	0.50	27.85	Backwater	0 - 09:56 hrs	5.67	5.67	0.96	1.00	1.09	1.89	2.50	0.56	0.56	0.73	0.00	0.01	2
82	☐	1073	2.50	13.32	0.11	27.87	Backwater	0 - 09:56 hrs	5.68	5.68	2.09	1.00	-14.54	1.89	2.50	0.53	0.53	0.73	0.89	0.00	2
83	☐	1074	3.50	61.22	0.37	91.23	Free Surface	0 - 10:04 hrs	9.83	9.83	1.49	0.92	-30.01	4.27	3.50	0.00	0.11	0.00	0.30	0.00	0
84	☐	1075	3.50	39.62	0.16	90.99	ceeds Capac	0 - 10:04 hrs	9.46	9.46	2.30	1.00	-51.37	4.27	3.50	0.16	0.22	0.16	0.54	0.16	1
85	☐	1076	3.50	118.26	1.38	90.99	Backwater	0 - 10:04 hrs	9.46	10.49	0.77	1.00	27.27	4.27	3.50	0.01	0.01	0.24	0.00	0.00	0
86	☐	1077	3.50	88.36	0.77	89.72	Free Surface	0 - 10:03 hrs	9.75	10.51	1.02	0.93	-1.36	4.12	3.50	0.00	0.00	0.04	0.03	0.00	0
87	☐	1078	3.50	53.66	0.28	63.09	Free Surface	0 - 10:04 hrs	7.41	7.55	1.18	0.84	-9.43	2.80	3.50	0.00	0.00	0.00	0.18	0.00	0
88	☐	1079	3.50	51.12	0.26	62.90	Free Surface	0 - 10:03 hrs	6.72	6.72	1.23	0.94	-11.78	2.80	3.50	0.00	0.05	0.00	0.20	0.00	0
89	☐	108	3.00	46.99	0.50	21.55	Backwater	0 - 19:22 hrs	3.05	3.05	0.46	1.00	25.44	7.80	3.00	19.21	19.21	19.95	0.00	0.00	77
90	☐	1080	3.00	35.10	0.28	59.87	Free Surface	0 - 10:00 hrs	8.82	8.82	1.71	0.92	-24.77	3.61	3.00	0.00	0.32	0.00	0.54	0.00	0
91	☐	1082	3.00	23.78	0.13	59.83	ceeds Capac	0 - 10:00 hrs	8.46	8.46	2.52	1.00	-36.05	3.61	3.00	0.25	0.52	0.25	0.92	0.25	0
92	☐	1083	3.00	20.20	0.09	47.66	ceeds Capac	0 - 10:00 hrs	6.74	6.74	2.36	1.00	-27.47	3.06	3.00	0.49	0.56	0.49	0.93	0.49	0
93	☐	1084	2.00	23.86	1.11	19.58	Free Surface	0 - 09:59 hrs	8.49	8.49	0.82	0.69	4.27	0.86	2.00	0.00	0.00	0.00	0.00	0.00	0
94	☐	1085	2.00	20.99	0.86	19.88	Free Surface	0 - 09:59 hrs	7.84	7.84	0.95	0.75	1.11	0.86	2.00	0.00	0.00	0.00	0.00	0.00	0
95	☐	1086	2.00	18.60	0.68	17.15	Free Surface	0 - 10:00 hrs	6.32	6.34	0.92	0.81	1.45	0.76	2.00	0.00	0.00	0.00	0.00	0.00	1
96	☐	1087	2.00	14.91	0.43	17.18	Free Surface	0 - 10:00 hrs	6.15	6.15	1.15	0.83	-2.28	0.76	2.00	0.00	0.00	0.00	0.14	0.00	0
97	☐	1088	2.00	19.41	0.74	17.16	Free Surface	0 - 10:00 hrs	6.82	6.85	0.88	0.75	2.26	0.76	2.00	0.00	0.00	0.00	0.00	0.00	0
98	☐	1089	2.00	14.47	0.41	17.34	Free Surface	0 - 09:59 hrs	5.60	5.61	1.20	0.96	-2.88	0.76	2.00	0.00	0.02	0.00	0.15	0.00	0

FUTURE CONDITIONS 5-YR 24-HR CLIMATE CHANGE CONDUITS

		ID	Full Depth (ft)	Full Flow (cfs)	Percent Slope (%)	Maximum Flow (cfs)	Maximum Flow Class	Max.Flow Day-Time (day-time)	Velocity at Maximum Flow (ft/s)	Maximum Velocity (ft/s)	Max.Flow/Fu ll Flow	Max.Depth/F ull Depth	Reserve Capacity (cfs)	Total Flow Volume (MG)	Maximum Top Width (ft)	Both End Surcharge Time (hrs)	Upstream Surcharge Time (hrs)	Downstream Surcharge Time (hrs)	Above Full-Flow Time (hrs)	Capacity Limited Time (hrs)	Instability Index
99	☐	1090	2.00	20.24	0.80	17.36	Backwater	0 - 09:59 hrs	5.53	5.68	0.86	1.00	2.88	0.76	2.00	0.01	0.01	0.12	0.00	0.00	0
100	☐	1091	2.00	4.64	0.04	18.42	Free Surface	0 - 09:59 hrs	6.11	6.12	3.97	0.95	-13.78	0.76	2.00	0.00	0.18	0.00	0.73	0.00	0
101	☐	1092	3.00	112.63	2.85	59.70	Free Surface	0 - 10:00 hrs	12.25	12.25	0.53	0.65	52.92	3.61	3.00	0.00	0.00	0.00	0.00	0.00	0
102	☐	1093	3.00	94.67	2.01	59.70	Free Surface	0 - 10:00 hrs	14.16	14.16	0.63	0.58	34.98	3.61	3.00	0.00	0.00	0.00	0.00	0.00	0
103	☐	1094	3.00	66.21	0.99	62.35	Free Surface	0 - 10:00 hrs	9.13	9.31	0.94	0.93	3.85	3.74	3.00	0.00	0.00	0.14	0.00	0.00	0
104	☐	1095	3.00	34.38	0.27	62.55	ceeds Capac	0 - 10:00 hrs	8.85	8.85	1.82	1.00	-28.17	3.74	3.00	0.14	0.21	0.14	0.58	0.14	0
105	☐	1096	3.00	45.34	0.46	62.38	Free Surface	0 - 10:00 hrs	9.15	9.15	1.38	0.92	-17.04	3.74	3.00	0.00	0.20	0.00	0.35	0.00	0
106	☐	1097	2.00	17.60	0.61	24.18	ceeds Capac	0 - 09:56 hrs	7.70	7.70	1.37	1.00	-6.58	1.24	2.00	0.42	0.42	0.60	0.30	0.30	1
107	☐	1098	2.00	9.68	0.18	24.18	ceeds Capac	0 - 09:56 hrs	7.70	7.70	2.50	1.00	-14.50	1.24	2.00	0.39	0.46	0.39	0.70	0.39	1
108	☐	1099	2.00	6.64	0.09	16.74	ceeds Capac	0 - 10:06 hrs	5.33	5.33	2.52	1.00	-10.10	0.87	2.00	0.46	0.48	0.46	0.70	0.42	1
109	☐	11	2.00	15.99	0.50	21.45	ceeds Capac	0 - 09:53 hrs	6.86	6.94	1.34	1.00	-5.46	3.25	2.00	0.99	1.53	0.99	1.74	0.99	0
110	☐	110	3.50	193.44	3.70	43.02	Backwater	0 - 15:44 hrs	4.47	4.47	0.22	1.00	150.43	11.45	3.50	20.95	20.95	21.09	0.00	0.00	70
111	☐	1100	1.50	9.33	1.05	1.84	Free Surface	0 - 09:57 hrs	1.65	1.83	0.20	0.97	7.49	0.00	1.50	0.00	0.00	0.04	0.00	0.00	0
112	☐	1101	2.50	40.14	0.96	27.90	Backwater	0 - 09:56 hrs	5.68	5.68	0.70	1.00	12.24	1.89	2.50	0.53	0.53	0.81	0.00	0.00	4
113	☐	1102	2.50	15.15	0.14	32.62	ceeds Capac	0 - 09:56 hrs	6.64	6.64	2.15	1.00	-17.46	2.21	2.50	0.53	0.60	0.53	0.89	0.53	5
114	☐	1103	2.50	26.63	0.42	32.64	Backwater	0 - 09:56 hrs	6.65	6.65	1.23	1.00	-6.02	2.21	2.50	0.60	0.60	0.81	0.36	0.00	5
115	☐	1104	1.50	14.33	2.48	11.36	Backwater	0 - 09:56 hrs	7.57	8.89	0.79	1.00	2.96	0.50	1.50	0.24	0.24	0.26	0.00	0.00	1
116	☐	1105	2.00	17.20	0.58	10.51	Backwater	0 - 09:56 hrs	3.98	4.31	0.61	1.00	6.69	0.51	2.00	0.27	0.27	0.30	0.00	0.00	1
117	☐	1106	2.25	22.35	0.52	23.02	ceeds Capac	0 - 09:59 hrs	5.79	6.57	1.03	1.00	-0.68	1.09	2.25	0.29	0.29	0.31	0.01	0.06	1
118	☐	1107	2.25	22.18	0.51	21.31	Backwater	0 - 10:06 hrs	5.36	5.92	0.96	1.00	0.87	1.08	2.25	0.32	0.32	0.34	0.00	0.00	0
119	☐	1108	2.25	22.39	0.52	22.04	Backwater	0 - 10:07 hrs	5.54	6.23	0.98	1.00	0.35	1.30	2.25	0.35	0.35	0.38	0.00	0.00	0
120	☐	1109	3.00	36.53	0.30	66.55	ceeds Capac	0 - 09:57 hrs	9.47	9.76	1.82	1.00	-30.01	3.85	3.00	0.27	0.37	0.27	0.59	0.26	1
121	☐	111	4.00	41.80	0.08	45.95	Backwater	0 - 12:30 hrs	3.66	3.66	1.10	1.00	-4.15	13.08	4.00	19.72	19.72	20.78	6.82	0.00	50
122	☐	1110	3.00	55.81	0.70	66.47	ceeds Capac	0 - 09:57 hrs	9.40	9.40	1.19	1.00	-10.66	3.85	3.00	0.29	0.29	0.31	0.10	0.10	1
123	☐	1111	3.00	36.38	0.30	66.45	ceeds Capac	0 - 09:57 hrs	9.40	9.40	1.83	1.00	-30.07	3.86	3.00	0.29	0.49	0.29	0.59	0.29	0
124	☐	1112	3.00	39.76	0.36	44.84	ceeds Capac	0 - 09:56 hrs	6.34	6.34	1.13	1.00	-5.08	2.70	3.00	0.39	0.39	0.52	0.08	0.08	0
125	☐	1113	2.50	27.12	0.44	49.71	ceeds Capac	0 - 09:59 hrs	10.13	10.13	1.83	1.00	-22.60	3.37	2.50	0.41	0.50	0.41	0.70	0.41	1
126	☐	1114	2.50	20.96	0.26	30.79	ceeds Capac	0 - 10:12 hrs	6.27	6.27	1.47	1.00	-9.83	2.24	2.50	0.49	0.55	0.50	0.65	0.49	1
127	☐	1115	2.50	21.52	0.28	16.48	Backwater	0 - 10:12 hrs	3.36	4.68	0.77	1.00	5.04	1.14	2.50	0.45	0.45	0.50	0.00	0.00	1
128	☐	1116	3.50	165.91	2.72	59.53	Backwater	0 - 10:15 hrs	6.84	9.99	0.36	1.00	106.39	3.85	3.50	0.24	0.24	0.34	0.00	0.00	1
129	☐	1117	3.50	70.95	0.50	59.51	Backwater	0 - 10:15 hrs	6.19	6.50	0.84	1.00	11.44	3.85	3.50	0.34	0.34	0.37	0.00	0.00	1
130	☐	1118	3.50	60.50	0.36	97.52	ceeds Capac	0 - 09:57 hrs	10.14	10.14	1.61	1.00	-37.03	5.59	3.50	0.35	0.40	0.35	0.51	0.35	1
131	☐	1119	3.50	87.05	0.75	105.71	ceeds Capac	0 - 09:57 hrs	10.99	10.99	1.21	1.00	-18.66	6.09	3.50	0.25	0.25	0.32	0.23	0.21	0
132	☐	112	4.50	85.35	0.19	80.23	Backwater	0 - 09:56 hrs	5.04	5.04	0.94	1.00	5.12	13.18	4.50	15.09	15.09	17.91	0.00	0.00	35
133	☐	1120	3.50	87.98	0.76	101.36	ceeds Capac	0 - 09:59 hrs	10.54	10.54	1.15	1.00	-13.38	6.09	3.50	0.30	0.30	0.37	0.22	0.21	1
134	☐	1121	3.50	98.25	0.95	124.36	ceeds Capac	0 - 09:59 hrs	12.93	12.93	1.27	1.00	-26.10	7.10	3.39	0.36	0.36	23.92	0.23	0.23	1
135	☐	1122	3.50	54.95	0.30	109.63	ceeds Capac	0 - 09:57 hrs	11.39	11.39	2.00	1.00	-54.68	6.09	3.50	0.27	0.44	0.27	0.61	0.27	1
136	☐	1123	2.50	56.43	1.89	49.73	Free Surface	0 - 09:59 hrs	12.12	12.12	0.88	0.78	6.69	3.37	2.50	0.00	0.26	0.00	0.00	0.00	1
137	☐	1124	2.50	33.46	0.67	49.70	ceeds Capac	0 - 09:59 hrs	10.13	10.13	1.49	1.00	-16.24	3.37	2.50	0.26	0.41	0.26	0.53	0.26	1
138	☐	1126	2.00	21.61	0.91	7.65	Free Surface	0 - 10:07 hrs	2.67	3.59	0.35	0.88	13.96	0.39	2.00	0.00	0.00	0.00	0.00	0.00	0
139	☐	1128	2.00	7.88	0.12	24.78	Backwater	0 - 09:59 hrs	7.90	7.90	3.14	1.00	-16.90	1.11	2.00	0.13	0.13	0.20	0.72	0.00	0
140	☐	1129	2.00	7.91	0.12	0.00	Backwater	0 - 00:00 hrs	0.00	0.00	0.00	1.00	7.91	0.00	0.78	21.36	21.36	24.00	0.00	0.00	0
141	☐	1130	3.50	41.64	0.17	30.02	Backwater	0 - 10:06 hrs	3.12	3.12	0.72	1.00	11.62	1.45	3.50	4.96	4.96	6.88	0.00	0.00	32
142	☐	1131	1.50	5.40	0.35	7.32	Backwater	0 - 09:56 hrs	4.50	4.69	1.36	1.00	-1.92	0.15	1.50	0.97	0.97	0.98	0.01	0.37	7
143	☐	1132	2.25	43.29	1.95	36.49	Backwater	0 - 09:56 hrs	9.18	9.18	0.84	1.00	6.79	1.43	2.25	1.11	1.11	1.14	0.00	0.20	4
144	☐	1133	3.50	160.66	2.55	62.37	Backwater	0 - 09:56 hrs	6.48	6.67	0.39	1.00	98.28	6.46	3.50	0.97	0.97	0.99	0.00	0.10	5
145	☐	1134	4.00	81.43	0.32	80.65	Backwater	0 - 09:56 hrs	6.42	6.42	0.99	1.00	0.77	6.90	4.00	0.82	0.82	1.02	0.00	0.00	5
146	☐	1135	3.50	56.38	0.31	63.99	ceeds Capac	0 - 09:56 hrs	6.68	6.68	1.13	1.00	-7.61	6.46	3.50	0.79	0.80	0.99	0.03	0.00	4
147	☐	1136	1.50	3.65	0.16	8.76	ceeds Capac	0 - 09:52 hrs	4.98	4.99	2.40	1.00	-5.11	0.81	1.50	1.01	1.34	1.01	1.64	1.01	2

FUTURE CONDITIONS 5-YR 24-HR CLIMATE CHANGE CONDUITS

		ID	Full Depth (ft)	Full Flow (cfs)	Percent Slope (%)	Maximum Flow (cfs)	Maximum Flow Class	Max.Flow Day-Time (day-time)	Velocity at Maximum Flow (ft/s)	Maximum Velocity (ft/s)	Max.Flow/Fu ll Flow	Max.Depth/F ull Depth	Reserve Capacity (cfs)	Total Flow Volume (MG)	Maximum Top Width (ft)	Both End Surcharge Time (hrs)	Upstream Surcharge Time (hrs)	Downstream Surcharge Time (hrs)	Above Full-Flow Time (hrs)	Capacity Limited Time (hrs)	Instability Index
148	☐	114	4.00	99.18	0.48	100.97	Free Surface	0 - 10:11 hrs	9.31	9.31	1.02	0.81	-1.80	7.58	4.00	0.00	0.00	0.00	0.19	0.00	0
149	☐	1140	2.50	17.69	0.19	22.01	ceeds Capac	0 - 10:15 hrs	4.48	4.48	1.24	1.00	-4.32	1.77	2.50	0.72	0.72	1.14	0.53	0.53	3
150	☐	1141	2.50	21.49	0.27	22.02	ceeds Capac	0 - 10:15 hrs	4.49	4.49	1.02	1.00	-0.53	1.76	2.50	1.39	1.39	19.99	0.31	0.26	19
151	☐	1142	2.50	7.08	0.03	20.31	ceeds Capac	0 - 09:56 hrs	4.14	4.14	2.87	1.00	-13.23	0.99	2.50	0.38	0.40	0.38	0.73	0.38	1
152	☐	1143	2.50	25.83	0.40	37.92	ceeds Capac	0 - 09:59 hrs	7.73	7.73	1.47	1.00	-12.09	1.76	2.50	0.42	0.42	0.47	0.27	0.26	1
153	☐	1144	2.50	29.01	0.50	37.93	ceeds Capac	0 - 09:59 hrs	7.73	7.73	1.31	1.00	-8.93	1.76	2.50	0.39	0.39	0.53	0.24	0.24	1
154	☐	1145	2.50	9.50	0.05	37.94	ceeds Capac	0 - 09:59 hrs	7.73	7.73	3.99	1.00	-28.44	1.75	2.50	0.21	0.45	0.21	1.00	0.21	0
155	☐	1146	2.50	10.23	0.06	37.97	Free Surface	0 - 09:59 hrs	7.74	7.74	3.71	1.00	-27.74	1.75	2.50	0.00	0.25	0.00	0.95	0.00	1
156	☐	1147	2.00	11.37	0.25	16.31	ceeds Capac	0 - 10:06 hrs	5.19	5.19	1.43	1.00	-4.94	0.80	2.00	0.46	0.46	0.54	0.29	0.29	1
157	☐	1148	2.00	12.68	0.31	16.31	ceeds Capac	0 - 10:06 hrs	5.19	5.19	1.29	1.00	-3.63	0.80	2.00	0.33	0.33	0.41	0.25	0.25	0
158	☐	1149	1.25	10.04	3.21	12.21	ceeds Capac	0 - 10:12 hrs	9.95	9.95	1.22	1.00	-2.18	1.10	1.25	0.55	0.60	0.56	0.65	0.55	0
159	☐	115	3.50	83.04	0.68	101.07	Free Surface	0 - 10:11 hrs	10.77	10.77	1.22	0.94	-18.03	7.59	3.50	0.00	0.27	0.00	0.46	0.00	0
160	☐	1150	2.00	15.60	0.48	13.50	Backwater	0 - 10:08 hrs	4.61	5.64	0.86	1.00	2.11	1.10	2.00	0.14	0.14	0.20	0.00	0.00	0
161	☐	1151	3.00	36.48	0.30	15.47	Backwater	0 - 10:15 hrs	2.39	2.53	0.42	1.00	21.01	1.10	3.00	0.18	0.18	0.45	0.00	0.00	1
162	☐	1152	3.00	21.67	0.11	36.26	ceeds Capac	0 - 09:59 hrs	5.13	5.13	1.67	1.00	-14.59	2.20	3.00	0.44	0.45	0.44	0.54	0.43	1
163	☐	1153	3.00	25.06	0.14	36.28	ceeds Capac	0 - 09:59 hrs	5.13	5.13	1.45	1.00	-11.22	2.19	3.00	0.44	0.44	0.46	0.40	0.40	1
164	☐	1154	3.00	19.08	0.08	46.23	ceeds Capac	0 - 09:59 hrs	6.54	6.54	2.42	1.00	-27.14	2.57	3.00	0.29	0.46	0.29	0.81	0.29	1
165	☐	1155	2.00	10.72	0.22	16.49	Backwater	0 - 10:07 hrs	5.25	5.25	1.54	1.00	-5.77	0.93	2.00	20.17	20.17	20.37	0.41	0.00	68
166	☐	1156	2.00	37.34	2.72	16.51	Backwater	0 - 10:07 hrs	5.25	5.25	0.44	1.00	20.83	0.92	2.00	20.17	20.17	20.58	0.00	0.00	68
167	☐	1157	3.50	52.37	0.27	46.85	Backwater	0 - 10:00 hrs	4.87	4.87	0.89	1.00	5.52	3.04	3.50	20.15	20.15	20.57	0.00	0.00	57
168	☐	1158	3.00	24.90	0.40	36.16	ceeds Capac	0 - 00:00 hrs	5.30	5.38	1.45	1.00	-11.26	6.43	1.18	23.98	23.98	24.00	1.78	1.78	6
169	☐	1159	2.50	23.18	0.32	35.85	ceeds Capac	0 - 09:59 hrs	7.30	17.18	1.55	1.00	-12.68	6.43	2.10	1.45	1.91	1.46	2.36	1.45	8
170	☐	1160	2.00	13.14	0.34	7.07	Backwater	0 - 10:18 hrs	2.25	2.35	0.54	1.00	6.08	0.56	2.00	1.67	1.67	2.02	0.00	0.00	11
171	☐	1161	2.00	9.17	0.16	7.07	Backwater	0 - 10:18 hrs	2.25	2.38	0.77	1.00	2.10	0.56	2.00	2.02	2.02	2.27	0.00	0.07	11
172	☐	1162	1.50	24.80	7.42	16.35	Backwater	0 - 10:00 hrs	9.25	9.25	0.66	1.00	8.45	2.37	1.50	1.65	1.65	2.59	0.00	0.00	11
173	☐	1163	1.50	12.80	1.98	16.35	ceeds Capac	0 - 09:51 hrs	9.25	9.25	1.28	1.00	-3.55	2.37	1.48	2.59	2.59	23.84	1.47	1.46	19
174	☐	1164	2.00	7.14	0.10	11.85	ceeds Capac	0 - 09:48 hrs	3.77	3.77	1.66	1.00	-4.71	2.21	2.00	23.03	23.03	23.84	3.17	3.26	62
175	☐	1165	2.50	13.03	0.10	11.85	Backwater	0 - 09:48 hrs	2.41	2.53	0.91	1.00	1.18	2.19	2.48	23.71	23.71	23.89	0.00	0.19	18
176	☐	1166	5.00	369.59	2.01	325.76	Backwater	0 - 00:00 hrs	17.21	17.21	0.88	1.00	43.84	2.45	1.96	23.99	23.99	24.00	0.00	0.02	37
177	☐	1167	3.50	47.25	0.22	94.11	ceeds Capac	0 - 00:01 hrs	9.95	10.02	1.99	1.00	-46.86	6.04	1.37	23.97	23.97	24.00	0.27	0.22	61
178	☐	1168	3.50	50.08	0.25	75.61	Backwater	0 - 00:01 hrs	8.39	8.39	1.51	1.00	-25.53	6.07	2.92	23.96	23.96	23.97	0.02	0.09	63
179	☐	1169	3.50	54.54	0.29	68.57	Backwater	0 - 00:01 hrs	11.69	11.69	1.26	1.00	-14.03	5.37	2.20	23.95	23.95	23.97	0.02	0.00	79
180	☐	117	4.50	101.07	0.26	145.62	ceeds Capac	0 - 09:56 hrs	9.27	9.48	1.44	1.00	-44.55	9.71	4.50	0.88	0.95	0.88	1.15	0.74	4
181	☐	1170	4.00	122.87	0.73	54.74	Free Surface	0 - 10:06 hrs	5.39	5.49	0.45	0.75	68.13	2.56	4.00	0.00	0.00	0.00	0.00	0.00	3
182	☐	1171	4.00	34.64	0.06	54.82	Free Surface	0 - 10:06 hrs	5.29	5.48	1.58	0.77	-20.18	2.56	4.00	0.00	0.00	0.00	0.33	0.00	2
183	☐	1172	4.00	88.54	0.38	54.83	Free Surface	0 - 10:04 hrs	4.98	5.14	0.62	0.82	33.71	2.57	4.00	0.00	0.00	0.00	0.00	0.00	3
184	☐	1173	3.50	54.68	0.30	54.96	Backwater	0 - 00:02 hrs	6.43	6.43	1.01	1.00	-0.29	5.40	3.02	23.93	23.93	23.95	0.00	0.00	75
185	☐	1174	3.50	46.77	0.22	44.82	Backwater	0 - 00:04 hrs	5.34	5.35	0.96	1.00	1.95	5.43	3.02	23.89	23.89	23.93	0.00	0.01	68
186	☐	1175	3.50	42.09	0.17	38.30	Backwater	0 - 10:41 hrs	3.98	4.99	0.91	1.00	3.79	5.45	3.31	23.80	23.80	23.89	0.00	0.09	65
187	☐	1176	2.50	4.10	0.01	45.84	ceeds Capac	0 - 10:03 hrs	9.34	19.08	11.18	1.00	-41.74	2.27	0.98	23.94	23.94	23.94	4.49	10.07	79
188	☐	1177	1.50	12.06	1.76	10.90	Backwater	0 - 00:04 hrs	6.39	6.39	0.90	1.00	1.16	0.00	0.59	1.36	1.36	23.94	0.00	0.00	54
189	☐	1178	3.50	72.20	0.51	49.90	Backwater	0 - 09:59 hrs	5.19	5.19	0.69	1.00	22.30	4.86	3.50	1.29	1.29	2.55	0.00	0.00	12
190	☐	1179	3.50	44.87	0.20	49.96	ceeds Capac	0 - 10:00 hrs	5.19	5.19	1.11	1.00	-5.09	4.83	3.50	4.05	4.05	6.80	0.35	0.39	34
191	☐	118	3.50	35.90	0.13	42.79	ceeds Capac	0 - 10:11 hrs	4.45	4.45	1.19	1.00	-6.89	3.09	3.50	0.55	0.55	0.56	0.41	0.35	2
192	☐	1180	3.50	32.30	0.10	49.90	ceeds Capac	0 - 09:59 hrs	5.19	5.19	1.54	1.00	-17.60	4.85	3.47	2.55	2.55	3.05	0.86	0.88	18
193	☐	1181	2.25	15.75	0.26	19.70	ceeds Capac	0 - 09:59 hrs	4.95	4.95	1.25	1.00	-3.95	2.07	2.25	0.97	0.97	1.04	0.76	0.76	5
194	☐	1182	3.00	48.68	0.53	37.65	Backwater	0 - 10:15 hrs	5.33	5.33	0.77	1.00	11.03	4.23	3.00	1.22	1.22	1.46	0.00	0.00	8
195	☐	1183	2.25	17.28	0.31	19.70	ceeds Capac	0 - 09:59 hrs	4.95	4.95	1.14	1.00	-2.42	2.07	2.25	1.05	1.05	1.14	0.62	0.62	5
196	☐	1184	2.25	10.66	0.12	19.86	ceeds Capac	0 - 09:51 hrs	4.99	4.99	1.86	1.00	-9.20	2.16	2.25	1.36	1.36	1.38	1.23	1.18	6

FUTURE CONDITIONS 5-YR 24-HR CLIMATE CHANGE CONDUITS

		ID	Full Depth (ft)	Full Flow (cfs)	Percent Slope (%)	Maximum Flow (cfs)	Maximum Flow Class	Max.Flow Day-Time (day-time)	Velocity at Maximum Flow (ft/s)	Maximum Velocity (ft/s)	Max.Flow/Fu ll Flow	Max.Depth/F ull Depth	Reserve Capacity (cfs)	Total Flow Volume (MG)	Maximum Top Width (ft)	Both End Surcharge Time (hrs)	Upstream Surcharge Time (hrs)	Downstream Surcharge Time (hrs)	Above Full-Flow Time (hrs)	Capacity Limited Time (hrs)	Instability Index
197	☐	1185	2.25	35.31	1.30	22.54	Backwater	0 - 10:07 hrs	5.67	5.67	0.64	1.00	12.77	1.97	2.25	0.96	0.96	1.33	0.00	0.00	4
198	☐	1186	2.25	14.12	0.21	16.90	ceeds Capac	0 - 10:26 hrs	4.25	4.25	1.20	1.00	-2.77	1.84	2.25	1.31	1.31	1.36	0.43	0.49	6
199	☐	1187	3.50	46.31	0.21	38.28	Backwater	0 - 10:41 hrs	3.98	4.32	0.83	1.00	8.03	5.47	3.50	23.16	23.16	23.80	0.00	0.01	64
200	☐	1188	2.75	27.64	0.27	96.87	Backwater	0 - 00:00 hrs	16.31	16.31	3.50	1.00	-69.23	1.98	1.08	24.00	24.00	24.00	0.05	0.00	70
201	☐	1189	2.75	48.02	0.82	86.03	ceeds Capac	0 - 00:00 hrs	14.75	14.75	1.79	1.00	-38.01	1.98	1.08	23.99	24.00	23.99	0.01	0.14	68
202	☐	119	3.50	43.26	0.18	28.65	Backwater	0 - 10:03 hrs	2.98	3.01	0.66	1.00	14.62	1.38	3.50	0.38	0.38	0.45	0.00	0.01	1
203	☐	1190	2.75	27.01	0.26	49.11	Backwater	0 - 00:01 hrs	8.39	8.58	1.82	1.00	-22.10	1.98	1.08	23.97	23.97	23.99	0.04	0.00	60
204	☐	1191	1.00	4.27	1.91	4.73	Backwater	0 - 00:03 hrs	6.60	7.63	1.11	1.00	-0.46	0.00	0.39	23.95	23.95	23.96	0.00	0.01	72
205	☐	1192	2.75	27.64	0.27	44.69	Backwater	0 - 00:01 hrs	8.37	9.52	1.62	1.00	-17.05	2.00	2.03	23.97	23.97	23.97	0.03	0.03	77
206	☐	1193	2.75	34.68	0.43	37.21	Backwater	0 - 00:02 hrs	6.92	8.78	1.07	1.00	-2.53	2.00	1.94	23.95	23.95	23.97	0.01	0.01	79
207	☐	1194	2.50	14.81	0.13	27.15	ceeds Capac	0 - 00:03 hrs	6.07	6.07	1.83	1.00	-12.33	2.02	1.84	23.94	23.94	23.95	0.80	0.72	64
208	☐	1195	1.75	9.22	0.45	12.87	ceeds Capac	0 - 09:52 hrs	5.35	5.35	1.40	1.00	-3.66	1.15	1.75	0.70	0.71	0.76	0.66	0.62	3
209	☐	1196	2.25	19.97	0.55	11.46	Backwater	0 - 10:14 hrs	2.88	4.82	0.57	1.00	8.51	1.15	2.25	0.68	0.68	0.87	0.00	0.00	6
210	☐	1197	2.25	13.24	0.24	11.46	Backwater	0 - 10:22 hrs	2.88	4.38	0.87	1.00	1.79	1.15	2.25	0.63	0.63	0.68	0.00	0.15	5
211	☐	1198	2.00	12.26	0.39	14.32	Backwater	0 - 10:03 hrs	4.56	4.56	1.17	1.00	-2.06	0.12	2.00	0.88	0.88	0.89	0.14	0.04	4
212	☐	1199	2.00	16.04	0.50	9.84	Backwater	0 - 10:27 hrs	3.13	5.01	0.61	1.00	6.20	1.03	2.00	0.89	0.89	0.90	0.00	0.02	5
213	☐	12	2.00	16.00	0.50	25.20	Free Surface	0 - 10:22 hrs	8.17	8.17	1.58	0.95	-9.21	2.56	2.00	0.00	0.86	0.00	1.06	0.00	0
214	☐	120	4.50	214.91	1.19	250.70	ceeds Capac	0 - 10:00 hrs	15.77	17.77	1.17	1.00	-35.79	29.85	4.50	0.96	0.97	0.99	0.96	0.89	5
215	☐	1200	2.00	6.20	0.08	22.80	ceeds Capac	0 - 09:59 hrs	7.26	7.26	3.68	1.00	-16.60	1.02	2.00	0.21	0.36	0.21	0.81	0.21	0
216	☐	1201	3.50	110.35	1.20	22.81	Backwater	0 - 09:59 hrs	2.37	2.37	0.21	1.00	87.54	1.01	3.50	20.43	20.43	21.17	0.00	0.00	2
217	☐	1202	3.75	38.39	0.10	36.65	Free Surface	0 - 10:04 hrs	3.76	4.06	0.95	0.83	1.74	1.67	3.75	0.00	0.00	0.00	0.00	0.00	2
218	☐	1203	4.00	55.30	0.15	1.78	Free Surface	0 - 09:56 hrs	0.26	1.41	0.03	0.77	53.52	0.00	4.00	0.00	0.00	0.00	0.00	0.00	3
219	☐	1204	4.00	31.76	0.05	36.45	Free Surface	0 - 10:06 hrs	3.02	3.03	1.15	0.92	-4.69	1.66	4.00	0.00	0.00	0.00	0.17	0.00	4
220	☐	1205	3.50	48.54	0.23	37.88	Backwater	0 - 09:59 hrs	3.94	3.94	0.78	1.00	10.66	1.67	3.50	0.35	0.35	0.36	0.00	0.06	0
221	☐	1206	3.75	37.29	0.10	36.83	Free Surface	0 - 10:04 hrs	3.89	4.23	0.99	0.80	0.46	1.67	3.75	0.00	0.00	0.00	0.00	0.00	0
222	☐	1207	3.00	81.73	1.50	36.32	Backwater	0 - 10:04 hrs	5.14	5.14	0.44	1.00	45.41	1.67	3.00	0.46	0.46	0.61	0.00	0.00	5
223	☐	1208	2.50	23.19	0.32	37.92	Free Surface	0 - 09:59 hrs	8.05	8.05	1.64	0.92	-14.74	1.75	2.50	0.00	0.18	0.00	0.31	0.00	0
224	☐	1209	2.50	17.18	0.18	21.11	ceeds Capac	0 - 09:32 hrs	4.30	5.30	1.23	1.00	-3.94	5.08	2.50	2.41	2.42	2.41	3.03	1.34	19
225	☐	121	3.33	59.57	0.45	48.87	Backwater	0 - 10:04 hrs	5.64	5.85	0.82	1.00	10.70	2.38	1.98	0.01	0.01	24.00	0.00	0.01	2
226	☐	1210	2.50	24.19	0.35	20.92	Backwater	0 - 09:33 hrs	4.26	4.96	0.86	1.00	3.27	5.08	2.50	2.42	2.42	2.78	0.00	0.01	17
227	☐	1211	2.50	22.03	0.29	21.02	Backwater	0 - 09:33 hrs	4.28	4.52	0.95	1.00	1.01	5.08	2.50	2.78	2.78	2.85	0.00	0.88	20
228	☐	1212	2.50	18.92	0.21	21.17	ceeds Capac	0 - 09:33 hrs	4.31	4.72	1.12	1.00	-2.25	5.08	2.50	2.85	2.85	2.89	1.95	1.56	22
229	☐	1213	2.50	31.06	0.57	21.29	Backwater	0 - 09:33 hrs	4.34	4.34	0.69	1.00	9.77	5.08	2.50	3.04	3.04	3.21	0.00	0.06	23
230	☐	1214	2.50	11.69	0.08	21.39	ceeds Capac	0 - 09:33 hrs	4.36	4.36	1.83	1.00	-9.69	5.07	2.50	3.16	3.26	3.16	4.70	3.08	23
231	☐	1215	2.50	13.72	0.11	21.46	ceeds Capac	0 - 09:33 hrs	4.37	4.37	1.56	1.00	-7.75	5.07	2.50	3.07	3.16	3.07	3.92	3.01	21
232	☐	1216	2.50	17.29	0.18	21.46	ceeds Capac	0 - 09:33 hrs	4.37	4.37	1.24	1.00	-4.18	5.07	2.50	3.32	3.32	3.36	3.01	2.48	20
233	☐	1217	2.00	1.96	0.01	11.55	Backwater	0 - 09:52 hrs	3.68	3.68	5.89	1.00	-9.59	0.96	2.00	2.36	2.36	2.37	4.33	0.49	18
234	☐	1218	2.50	19.38	0.22	35.85	ceeds Capac	0 - 09:59 hrs	7.30	7.30	1.85	1.00	-16.47	6.44	2.50	3.19	3.24	3.19	3.39	3.17	18
235	☐	1219	2.25	56.33	3.31	17.89	Backwater	0 - 09:59 hrs	4.50	29.07	0.32	1.00	38.45	1.37	2.25	2.16	2.16	2.30	0.00	0.14	11
236	☐	1220	2.00	14.20	0.39	39.63	Backwater	0 - 00:00 hrs	12.62	12.62	2.79	1.00	-25.44	0.53	0.78	24.00	24.00	24.00	0.01	0.01	0
237	☐	1221	2.00	18.25	0.65	22.63	Backwater	0 - 00:00 hrs	7.48	7.48	1.24	1.00	-4.38	0.53	0.78	0.57	0.57	23.99	0.00	0.00	0
238	☐	1222	2.00	21.05	0.87	13.61	Backwater	0 - 09:59 hrs	4.33	4.33	0.65	1.00	7.43	0.54	1.92	0.24	0.24	4.55	0.00	0.00	4
239	☐	1224	3.00	43.00	0.42	37.62	Free Surface	0 - 10:00 hrs	5.44	5.44	0.87	0.95	5.38	1.75	2.52	0.00	0.00	24.00	0.00	0.00	0
240	☐	1225	2.50	55.84	1.85	37.90	Free Surface	0 - 09:59 hrs	9.05	9.06	0.68	0.80	17.94	1.75	2.50	0.00	0.00	0.00	0.00	0.00	0
241	☐	1226	2.50	28.47	0.48	20.11	Backwater	0 - 09:59 hrs	4.10	4.56	0.71	1.00	8.36	0.90	2.50	0.17	0.17	0.25	0.00	0.00	0
242	☐	1227	2.50	30.66	0.56	37.82	ceeds Capac	0 - 09:59 hrs	7.70	7.70	1.23	1.00	-7.16	1.68	2.50	0.27	0.27	0.41	0.18	0.17	1
243	☐	1228	3.00	37.44	0.32	37.84	ceeds Capac	0 - 09:59 hrs	5.35	5.35	1.01	1.00	-0.41	1.67	3.00	0.28	0.28	0.53	0.00	0.04	2
244	☐	1229	4.00	244.39	2.89	83.94	Backwater	0 - 09:59 hrs	6.68	6.68	0.34	1.00	160.44	4.20	4.00	0.53	0.53	20.34	0.00	0.00	4
245	☐	1230	3.50	19.10	0.04	46.87	ceeds Capac	0 - 10:00 hrs	4.87	4.87	2.45	1.00	-27.77	3.05	3.50	20.14	20.14	20.15	0.94	7.64	76

FUTURE CONDITIONS 5-YR 24-HR CLIMATE CHANGE CONDUITS

		ID	Full Depth (ft)	Full Flow (cfs)	Percent Slope (%)	Maximum Flow (cfs)	Maximum Flow Class	Max.Flow Day-Time (day-time)	Velocity at Maximum Flow (ft/s)	Maximum Velocity (ft/s)	Max.Flow/Fu ll Flow	Max.Depth/F ull Depth	Reserve Capacity (cfs)	Total Flow Volume (MG)	Maximum Top Width (ft)	Both End Surcharge Time (hrs)	Upstream Surcharge Time (hrs)	Downstream Surcharge Time (hrs)	Above Full-Flow Time (hrs)	Capacity Limited Time (hrs)	Instability Index
246	☐	1231	3.00	7.85	0.01	16.55	ceeds Capac	0 - 10:07 hrs	2.34	2.34	2.11	1.00	-8.69	0.92	3.00	20.18	20.18	20.20	0.61	6.14	77
247	☐	1232	3.25	36.17	0.19	32.04	Backwater	0 - 09:59 hrs	3.86	3.86	0.89	1.00	4.12	2.16	3.25	19.78	19.78	20.17	0.00	0.00	48
248	☐	1234	2.00	13.29	0.35	20.66	ceeds Capac	0 - 10:15 hrs	6.58	6.58	1.55	1.00	-7.37	1.64	2.00	0.80	0.80	0.86	0.70	0.69	3
249	☐	1235	2.50	17.21	0.18	20.65	ceeds Capac	0 - 10:15 hrs	4.21	4.21	1.20	1.00	-3.43	1.64	2.50	0.64	0.64	0.72	0.51	0.39	3
250	☐	1236	3.50	73.09	0.53	79.73	Backwater	0 - 00:00 hrs	8.30	8.30	1.09	1.00	-6.64	4.66	1.37	23.99	23.99	24.00	0.01	0.00	52
251	☐	1237	2.00	10.93	0.23	12.73	ceeds Capac	0 - 09:47 hrs	4.12	4.29	1.16	1.00	-1.79	2.07	2.00	2.43	2.43	2.89	0.07	0.03	11
252	☐	1238	2.00	10.01	0.20	11.54	ceeds Capac	0 - 09:52 hrs	3.67	3.67	1.15	1.00	-1.53	0.96	2.00	2.31	2.31	2.66	0.21	0.21	10
253	☐	1239	2.00	7.22	0.10	13.30	ceeds Capac	0 - 09:32 hrs	4.23	4.23	1.84	1.00	-6.07	2.49	2.00	3.56	3.60	3.56	3.95	2.21	22
254	☐	1240	2.00	7.44	0.11	16.60	ceeds Capac	0 - 09:59 hrs	5.28	5.28	2.23	1.00	-9.16	3.19	2.00	3.50	3.51	3.50	4.60	2.88	26
255	☐	1241	1.50	2.64	0.08	3.59	Backwater	0 - 10:25 hrs	2.03	2.03	1.36	1.00	-0.95	0.40	1.50	3.50	3.50	3.52	0.91	1.33	31
256	☐	1242	2.50	18.44	0.20	25.72	ceeds Capac	0 - 10:00 hrs	5.24	5.24	1.39	1.00	-7.28	5.16	2.50	2.60	2.60	2.63	2.70	2.32	14
257	☐	1244	2.00	7.13	0.10	13.28	ceeds Capac	0 - 09:32 hrs	4.23	4.23	1.86	1.00	-6.15	2.49	2.00	3.05	3.56	3.05	3.97	1.87	8
258	☐	1245	2.00	7.24	0.10	13.29	ceeds Capac	0 - 09:32 hrs	4.23	4.23	1.83	1.00	-6.05	2.49	2.00	3.02	3.05	3.02	3.93	1.72	16
259	☐	1246	2.50	11.78	0.08	21.13	ceeds Capac	0 - 09:32 hrs	4.30	4.41	1.79	1.00	-9.35	5.08	2.50	2.39	2.67	2.39	4.67	2.39	14
260	☐	1247	2.50	18.24	0.20	25.72	ceeds Capac	0 - 10:02 hrs	5.24	5.24	1.41	1.00	-7.48	5.16	2.50	2.62	2.63	2.67	2.71	2.42	13
261	☐	1248	2.00	7.14	0.10	16.46	ceeds Capac	0 - 09:59 hrs	5.24	5.24	2.31	1.00	-9.32	3.19	2.00	3.60	3.75	3.60	4.64	3.56	24
262	☐	1249	2.00	10.41	0.21	16.48	ceeds Capac	0 - 09:59 hrs	5.25	5.25	1.58	1.00	-6.07	3.19	2.00	3.50	3.50	3.57	2.72	2.81	24
263	☐	125	4.00	147.75	1.06	73.27	Free Surface	0 - 00:01 hrs	8.20	8.29	0.50	0.87	74.49	2.52	3.52	0.00	0.00	23.98	0.00	0.00	28
264	☐	1250	2.00	7.99	0.12	9.54	ceeds Capac	0 - 11:21 hrs	3.04	3.04	1.19	1.00	-1.55	1.94	2.00	3.31	3.31	3.39	1.27	1.26	18
265	☐	1251	2.00	10.75	0.23	8.37	Backwater	0 - 10:21 hrs	2.67	2.74	0.78	1.00	2.37	1.61	2.00	2.83	2.83	3.17	0.00	0.00	10
266	☐	1252	2.00	10.15	0.20	8.79	Backwater	0 - 10:33 hrs	2.80	2.88	0.87	1.00	1.36	1.04	2.00	3.57	3.57	4.39	0.00	0.00	17
267	☐	1253	2.00	12.35	0.30	12.40	ceeds Capac	0 - 10:07 hrs	3.95	3.95	1.00	1.00	-0.05	1.51	0.99	23.90	23.90	23.90	0.66	0.89	69
268	☐	1254	2.00	12.39	0.30	10.45	Backwater	0 - 00:05 hrs	4.33	4.52	0.84	1.00	1.94	1.38	1.92	23.90	23.90	23.90	0.00	1.62	77
269	☐	1255	2.00	12.35	0.30	17.14	Backwater	0 - 00:02 hrs	6.77	7.64	1.39	1.00	-4.79	1.34	1.76	23.96	23.96	23.96	0.03	0.30	71
270	☐	1256	2.00	12.34	0.30	21.22	Backwater	0 - 00:01 hrs	7.06	7.06	1.72	1.00	-8.88	1.30	2.00	23.98	23.98	23.98	0.04	0.01	67
271	☐	1257	2.00	12.44	0.30	32.24	Backwater	0 - 00:00 hrs	10.35	10.35	2.59	1.00	-19.81	1.29	0.78	23.99	23.99	23.99	0.05	0.02	62
272	☐	1258	2.00	12.39	0.30	22.78	Backwater	0 - 00:01 hrs	7.51	7.51	1.84	1.00	-10.39	1.29	0.78	23.98	23.98	23.99	0.04	0.00	62
273	☐	1259	2.00	18.21	0.65	17.77	Backwater	0 - 00:01 hrs	6.07	6.07	0.98	1.00	0.44	1.34	1.03	23.96	23.96	23.98	0.00	0.00	67
274	☐	126	4.00	57.15	0.16	54.58	Free Surface	0 - 10:07 hrs	6.56	6.58	0.95	0.65	2.57	2.55	4.00	0.00	0.00	0.00	0.00	0.00	3
275	☐	1260	2.00	12.39	0.30	15.01	Backwater	0 - 00:02 hrs	5.21	5.22	1.21	1.00	-2.61	1.35	1.78	23.95	23.95	23.96	0.02	0.15	71
276	☐	1261	2.00	12.44	0.30	13.45	Backwater	0 - 00:03 hrs	4.77	4.81	1.08	1.00	-1.01	1.35	1.19	23.93	23.93	23.95	0.01	0.01	70
277	☐	1262	2.00	11.64	0.26	15.34	Backwater	0 - 00:03 hrs	6.02	6.10	1.32	1.00	-3.71	1.35	1.93	23.92	23.93	23.93	0.02	6.58	72
278	☐	1263	2.00	12.43	0.30	11.11	Backwater	0 - 00:04 hrs	3.89	3.92	0.89	1.00	1.32	1.36	1.99	23.90	23.90	23.93	0.00	0.00	63
279	☐	1264	2.00	12.17	0.29	10.31	Backwater	0 - 00:06 hrs	3.65	4.15	0.85	1.00	1.86	1.38	1.86	23.90	23.90	23.90	0.00	0.87	72
280	☐	1265	2.00	11.23	0.25	9.85	Backwater	0 - 10:27 hrs	3.14	3.74	0.88	1.00	1.38	1.03	2.00	0.92	0.93	0.95	0.00	0.05	4
281	☐	1266	2.00	11.88	0.28	9.84	Backwater	0 - 10:27 hrs	3.13	3.13	0.83	1.00	2.03	1.03	2.00	0.97	0.97	1.02	0.00	0.01	3
282	☐	1267	2.00	6.81	0.09	13.96	ceeds Capac	0 - 09:59 hrs	4.45	4.45	2.05	1.00	-7.16	0.65	2.00	0.35	0.37	0.36	0.43	0.35	0
283	☐	1268	1.50	3.74	0.17	3.58	Backwater	0 - 10:26 hrs	2.03	2.03	0.96	1.00	0.16	0.40	1.50	3.50	3.50	3.99	0.00	0.07	16
284	☐	1269	1.50	6.86	0.57	1.43	Backwater	0 - 09:34 hrs	0.81	1.88	0.21	1.00	5.43	0.01	1.50	17.84	17.84	20.31	0.00	0.00	9
285	☐	127	4.00	36.90	0.07	54.65	Free Surface	0 - 10:07 hrs	5.31	5.31	1.48	0.76	-17.75	2.56	4.00	0.00	0.00	0.00	0.30	0.00	2
286	☐	1270	2.75	19.66	0.14	16.00	Backwater	0 - 09:57 hrs	2.69	2.69	0.81	1.00	3.66	1.80	2.75	15.63	15.63	16.89	0.00	0.00	52
287	☐	1271	2.75	30.79	0.34	16.00	Backwater	0 - 09:57 hrs	2.69	2.69	0.52	1.00	14.79	1.96	2.75	14.32	14.32	15.63	0.00	0.00	51
288	☐	1272	4.50	51.24	0.07	108.97	ceeds Capac	0 - 00:02 hrs	7.62	7.62	2.13	1.00	-57.73	6.62	4.32	23.92	23.92	23.95	0.70	0.67	64
289	☐	1273	2.00	11.34	0.25	12.77	ceeds Capac	0 - 10:18 hrs	4.07	4.07	1.13	1.00	-1.43	1.13	2.00	0.92	0.92	1.11	0.54	0.54	1
290	☐	1274	2.00	11.11	0.24	12.26	ceeds Capac	0 - 10:21 hrs	3.90	3.90	1.10	1.00	-1.14	1.13	2.00	1.27	1.27	2.11	0.55	0.56	5
291	☐	1275	2.00	14.59	0.42	12.27	Backwater	0 - 10:18 hrs	3.90	3.90	0.84	1.00	2.32	1.13	2.00	1.91	1.91	2.50	0.00	0.00	14
292	☐	1276	2.00	12.24	0.29	12.26	ceeds Capac	0 - 10:18 hrs	3.90	3.90	1.00	1.00	-0.03	1.13	2.00	2.47	2.47	2.81	0.47	0.07	13
293	☐	1277	2.00	12.05	0.28	9.05	Backwater	0 - 10:18 hrs	2.88	3.36	0.75	1.00	2.99	1.07	2.00	2.77	2.77	3.31	0.00	0.00	22
294	☐	1278	2.00	11.30	0.25	9.05	Backwater	0 - 10:03 hrs	2.88	2.88	0.80	1.00	2.25	1.07	2.00	3.35	3.35	3.61	0.00	0.00	23

FUTURE CONDITIONS 5-YR 24-HR CLIMATE CHANGE CONDUITS

		ID	Full Depth (ft)	Full Flow (cfs)	Percent Slope (%)	Maximum Flow (cfs)	Maximum Flow Class	Max.Flow Day-Time (day-time)	Velocity at Maximum Flow (ft/s)	Maximum Velocity (ft/s)	Max.Flow/Fu ll Flow	Max.Depth/F ull Depth	Reserve Capacity (cfs)	Total Flow Volume (MG)	Maximum Top Width (ft)	Both End Surcharge Time (hrs)	Upstream Surcharge Time (hrs)	Downstream Surcharge Time (hrs)	Above Full-Flow Time (hrs)	Capacity Limited Time (hrs)	Instability Index
295	☐	1279	2.50	21.21	0.27	21.49	ceeds Capac	0 - 10:10 hrs	4.38	4.38	1.01	1.00	-0.28	2.07	2.50	4.29	4.29	4.60	0.30	0.32	25
296	☐	128	3.50	79.10	0.62	42.81	Backwater	0 - 10:11 hrs	4.45	4.45	0.54	1.00	36.30	3.09	3.50	0.56	0.56	0.60	0.00	0.04	3
297	☐	1280	2.00	10.70	0.22	10.82	ceeds Capac	0 - 13:14 hrs	3.44	3.44	1.01	1.00	-0.12	3.21	2.00	13.56	13.56	15.73	0.09	0.17	17
298	☐	1281	2.00	10.66	0.22	15.40	ceeds Capac	0 - 09:52 hrs	4.90	4.90	1.44	1.00	-4.73	3.63	2.00	6.26	6.26	13.56	3.51	3.51	17
299	☐	1282	3.50	35.35	0.35	23.62	Backwater	0 - 10:03 hrs	2.45	2.45	0.67	1.00	11.73	1.11	3.50	8.32	8.32	15.14	0.00	0.00	60
300	☐	1284	3.50	46.93	0.22	29.63	Backwater	0 - 11:38 hrs	3.08	3.08	0.63	1.00	17.30	9.45	3.50	19.08	19.08	19.62	0.00	0.00	16
301	☐	1285	3.50	174.31	3.00	41.45	Backwater	0 - 10:03 hrs	4.31	4.31	0.24	1.00	132.86	12.44	3.50	20.85	20.85	20.97	0.00	0.00	76
302	☐	1286	3.50	23.17	0.05	41.44	Backwater	0 - 10:03 hrs	4.31	4.31	1.79	1.00	-18.27	12.49	3.50	19.95	19.95	20.32	12.82	0.00	52
303	☐	1287	3.50	22.47	0.05	37.73	Backwater	0 - 12:44 hrs	3.92	3.92	1.68	1.00	-15.25	11.62	3.50	20.32	20.32	20.57	12.81	0.00	59
304	☐	1288	3.50	47.81	0.23	46.96	Backwater	0 - 12:33 hrs	4.88	4.88	0.98	1.00	0.85	13.66	3.50	20.29	20.29	20.57	0.00	1.11	74
305	☐	1289	3.50	186.41	3.43	46.96	Backwater	0 - 12:30 hrs	4.88	4.88	0.25	1.00	139.45	13.66	3.50	20.19	20.21	20.29	0.00	0.50	66
306	☐	129	3.50	81.58	0.66	101.01	ceeds Capac	0 - 10:11 hrs	10.50	10.54	1.24	1.00	-19.43	7.59	3.50	0.27	0.34	0.27	0.48	0.27	1
307	☐	1290	4.00	95.77	0.44	50.28	Backwater	0 - 09:55 hrs	4.00	4.19	0.53	1.00	45.49	6.31	4.00	15.51	15.55	15.67	0.00	0.14	66
308	☐	1291	4.00	141.86	0.98	50.25	Backwater	0 - 09:55 hrs	4.00	4.84	0.35	1.00	91.60	6.28	4.00	14.78	14.78	15.55	0.00	0.00	65
309	☐	1292	1.75	8.19	0.36	2.70	Backwater	0 - 11:14 hrs	1.12	1.12	0.33	1.00	5.49	0.07	1.75	14.31	14.31	14.59	0.00	0.00	51
310	☐	1293	4.00	66.23	0.21	50.23	Backwater	0 - 09:55 hrs	4.00	4.10	0.76	1.00	16.00	6.33	4.00	14.39	14.39	14.78	0.00	0.00	54
311	☐	1294	3.50	17.51	0.03	40.76	Backwater	0 - 09:53 hrs	4.24	4.24	2.33	1.00	-23.24	5.88	3.50	10.69	10.69	11.19	3.21	0.20	46
312	☐	1295	3.50	42.44	0.18	40.75	Backwater	0 - 09:53 hrs	4.24	4.24	0.96	1.00	1.69	5.91	3.50	6.82	6.82	11.19	0.00	0.03	39
313	☐	1296	3.50	56.14	0.31	34.02	Backwater	0 - 10:00 hrs	3.54	3.76	0.61	1.00	22.13	4.96	3.50	6.02	6.02	6.82	0.00	0.24	39
314	☐	1297	3.50	12.05	0.01	33.99	ceeds Capac	0 - 10:02 hrs	3.53	3.53	2.82	1.00	-21.94	4.97	3.50	5.89	5.90	6.02	4.23	3.52	35
315	☐	1298	2.00	14.92	0.43	13.96	Backwater	0 - 09:47 hrs	4.66	4.74	0.94	1.00	0.96	2.08	2.00	2.21	2.21	2.43	0.00	0.00	24
316	☐	1299	1.25	2.64	0.22	3.07	Backwater	0 - 09:53 hrs	2.51	2.51	1.16	1.00	-0.43	0.06	1.25	9.87	9.87	13.27	0.46	0.00	40
317	☐	13	2.50	29.00	0.50	25.20	Free Surface	0 - 10:22 hrs	5.72	6.02	0.87	0.84	3.80	2.56	2.50	0.00	0.00	0.00	0.00	0.00	0
318	☐	130	3.50	50.52	0.25	96.68	ceeds Capac	0 - 10:06 hrs	10.05	10.05	1.91	1.00	-46.17	6.88	3.50	0.34	0.60	0.34	0.80	0.34	1
319	☐	1300	1.75	4.95	0.13	5.95	ceeds Capac	0 - 09:51 hrs	3.03	3.20	1.20	1.00	-1.00	0.89	1.75	0.96	0.98	0.97	0.96	0.65	5
320	☐	1301	2.00	9.46	0.17	6.00	Backwater	0 - 10:55 hrs	1.95	2.43	0.63	1.00	3.46	0.89	2.00	0.89	0.89	1.14	0.00	0.01	5
321	☐	1302	2.25	14.75	0.23	19.23	ceeds Capac	0 - 09:52 hrs	5.07	5.07	1.30	1.00	-4.48	1.96	2.25	0.97	0.97	1.21	0.60	0.58	3
322	☐	1303	2.25	20.37	0.43	17.36	Backwater	0 - 10:18 hrs	4.37	5.65	0.85	1.00	3.02	1.95	2.25	1.31	1.31	2.15	0.00	0.00	7
323	☐	1304	2.75	45.08	0.73	23.27	Backwater	0 - 10:00 hrs	3.92	3.92	0.52	1.00	21.80	2.46	2.75	7.16	7.16	8.92	0.00	0.00	43
324	☐	1305	2.00	11.98	0.28	16.30	ceeds Capac	0 - 09:51 hrs	5.19	5.19	1.36	1.00	-4.32	2.53	2.00	3.01	3.01	10.83	0.76	0.66	11
325	☐	1306	2.00	12.53	0.31	22.21	ceeds Capac	0 - 10:04 hrs	7.07	7.07	1.77	1.00	-9.68	2.32	2.00	2.06	2.06	2.21	1.27	1.20	10
326	☐	1307	1.25	2.43	0.19	2.20	Backwater	0 - 10:30 hrs	1.79	1.79	0.90	1.00	0.23	0.23	1.25	2.07	2.07	2.46	0.00	0.01	4
327	☐	1308	1.25	2.56	0.21	2.25	Backwater	0 - 10:07 hrs	1.84	2.25	0.88	1.00	0.31	0.25	1.25	1.95	1.95	2.05	0.00	0.14	8
328	☐	1309	1.25	2.84	0.26	2.82	Backwater	0 - 09:52 hrs	2.30	2.30	0.99	1.00	0.02	0.26	1.25	1.74	1.74	2.07	0.00	0.00	12
329	☐	131	2.00	4.60	0.12	8.82	ceeds Capac	0 - 13:22 hrs	2.81	2.81	1.92	1.00	-4.23	4.67	2.00	22.64	22.66	22.64	21.82	21.73	79
330	☐	1310	1.00	0.87	0.08	2.84	Backwater	0 - 09:52 hrs	3.62	3.62	3.27	1.00	-1.97	0.26	1.00	1.77	1.77	1.79	2.33	0.16	15
331	☐	1311	3.25	41.10	0.25	57.84	ceeds Capac	0 - 00:00 hrs	7.13	7.13	1.41	1.00	-16.74	3.31	1.27	23.98	23.98	23.99	0.19	0.20	71
332	☐	1312	3.25	50.49	0.37	44.80	Backwater	0 - 09:59 hrs	5.40	5.99	0.89	1.00	5.69	3.34	3.25	23.95	23.95	23.98	0.00	0.00	66
333	☐	1313	2.00	16.48	0.53	14.88	Backwater	0 - 10:18 hrs	4.74	4.74	0.90	1.00	1.60	1.36	1.97	1.16	1.16	23.97	0.00	0.00	60
334	☐	1314	2.00	11.47	0.26	14.88	ceeds Capac	0 - 10:18 hrs	4.74	4.74	1.30	1.00	-3.42	1.36	2.00	0.76	0.76	0.82	0.66	0.63	5
335	☐	1315	2.00	10.39	0.21	14.89	ceeds Capac	0 - 10:19 hrs	4.74	5.21	1.43	1.00	-4.49	1.36	2.00	0.60	0.61	0.60	0.72	0.54	3
336	☐	1316	2.00	16.71	0.55	15.70	Backwater	0 - 09:52 hrs	5.33	5.56	0.94	1.00	1.01	1.37	2.00	0.55	0.55	0.60	0.00	0.01	4
337	☐	1317	2.00	13.47	0.35	20.34	ceeds Capac	0 - 10:07 hrs	6.47	6.47	1.51	1.00	-6.87	1.42	2.00	0.53	0.53	0.55	0.53	0.48	1
338	☐	1318	2.00	13.92	0.38	14.88	ceeds Capac	0 - 10:19 hrs	4.74	4.74	1.07	1.00	-0.96	1.36	2.00	0.91	0.91	1.21	0.48	0.38	8
339	☐	1319	3.00	32.06	0.23	44.81	ceeds Capac	0 - 09:59 hrs	6.34	6.34	1.40	1.00	-12.74	3.36	2.86	23.93	23.93	23.96	0.53	0.53	62
340	☐	132	2.00	19.59	0.75	30.03	ceeds Capac	0 - 09:55 hrs	9.56	9.56	1.53	1.00	-10.45	1.76	2.00	0.61	0.61	0.70	0.18	0.20	2
341	☐	1320	3.00	36.83	0.30	14.43	Backwater	0 - 10:21 hrs	2.04	2.63	0.39	1.00	22.41	1.24	2.99	0.73	0.73	23.93	0.00	0.00	36
342	☐	1321	1.50	9.09	1.00	9.51	ceeds Capac	0 - 09:52 hrs	5.38	5.38	1.05	1.00	-0.42	0.85	1.50	1.00	1.00	10.11	0.02	0.03	4
343	☐	1322	2.25	17.94	0.34	9.51	Backwater	0 - 09:52 hrs	2.39	2.53	0.53	1.00	8.43	0.85	2.25	9.14	9.14	14.46	0.00	0.00	44

FUTURE CONDITIONS 5-YR 24-HR CLIMATE CHANGE CONDUITS

		ID	Full Depth (ft)	Full Flow (cfs)	Percent Slope (%)	Maximum Flow (cfs)	Maximum Flow Class	Max.Flow Day-Time (day-time)	Velocity at Maximum Flow (ft/s)	Maximum Velocity (ft/s)	Max.Flow/Fu ll Flow	Max.Depth/F ull Depth	Reserve Capacity (cfs)	Total Flow Volume (MG)	Maximum Top Width (ft)	Both End Surcharge Time (hrs)	Upstream Surcharge Time (hrs)	Downstream Surcharge Time (hrs)	Above Full-Flow Time (hrs)	Capacity Limited Time (hrs)	Instability Index
344	☐	1323	2.25	19.78	0.41	15.92	Backwater	0 - 09:53 hrs	4.00	4.00	0.80	1.00	3.86	1.26	2.25	14.46	14.46	14.90	0.00	0.00	51
345	☐	1324	2.25	21.90	0.50	15.91	Backwater	0 - 09:53 hrs	4.00	4.00	0.73	1.00	5.99	1.25	2.25	14.90	14.90	16.15	0.00	0.00	52
346	☐	1326	2.00	10.08	0.20	14.00	ceeds Capac	0 - 09:52 hrs	4.46	4.46	1.39	1.00	-3.92	1.21	2.00	15.65	15.65	15.81	0.10	1.07	59
347	☐	1327	2.25	8.11	0.07	13.99	ceeds Capac	0 - 09:52 hrs	3.52	3.52	1.72	1.00	-5.88	1.21	2.25	15.79	15.79	15.95	0.95	1.16	51
348	☐	1328	2.25	10.37	0.11	13.98	ceeds Capac	0 - 09:52 hrs	3.52	3.52	1.35	1.00	-3.61	1.20	2.25	16.05	16.05	16.32	0.09	0.40	53
349	☐	1329	2.25	3.55	0.01	13.98	ceeds Capac	0 - 09:52 hrs	3.52	3.52	3.93	1.00	-10.42	0.06	2.25	16.32	16.32	16.33	4.46	5.58	40
350	☐	133	2.00	19.68	0.76	20.29	ceeds Capac	0 - 09:55 hrs	6.46	6.46	1.03	1.00	-0.61	1.29	2.00	0.58	0.58	0.61	0.01	0.01	1
351	☐	1330	2.25	15.46	0.25	26.98	Backwater	0 - 09:59 hrs	6.79	6.79	1.75	1.00	-11.52	1.21	2.25	16.33	16.33	16.63	2.71	0.02	58
352	☐	1331	2.75	11.26	0.05	17.74	ceeds Capac	0 - 09:59 hrs	2.99	2.99	1.58	1.00	-6.49	1.98	2.75	14.10	14.10	14.20	1.53	1.59	51
353	☐	1332	6.00	82.28	0.04	166.94	ceeds Capac	0 - 09:59 hrs	5.90	5.90	2.03	1.00	-84.66	23.35	6.00	14.22	14.22	14.23	2.51	2.62	46
354	☐	1333	2.00	7.74	0.12	16.34	ceeds Capac	0 - 11:14 hrs	5.20	5.20	2.11	1.00	-8.60	0.59	2.00	14.88	14.88	14.94	3.62	0.33	59
355	☐	1334	2.00	2.61	0.01	12.31	ceeds Capac	0 - 09:49 hrs	3.92	3.92	4.72	1.00	-9.70	1.25	2.00	14.60	14.64	14.60	4.69	5.11	35
356	☐	1335	2.00	33.97	2.25	12.31	Backwater	0 - 09:49 hrs	3.92	3.92	0.36	1.00	21.65	1.21	2.00	14.60	14.60	14.88	0.00	0.00	44
357	☐	1336	3.50	33.99	0.11	35.07	Backwater	0 - 09:53 hrs	3.74	3.86	1.03	1.00	-1.07	2.01	3.50	2.38	2.38	3.97	0.01	0.00	13
358	☐	1337	3.00	29.83	0.20	12.32	Backwater	0 - 09:49 hrs	1.74	1.74	0.41	1.00	17.51	1.27	3.00	16.20	16.20	20.75	0.00	0.00	56
359	☐	1338	3.00	18.98	0.08	8.70	Backwater	0 - 09:49 hrs	1.23	1.23	0.46	1.00	10.27	0.86	3.00	15.54	15.54	16.99	0.00	0.39	66
360	☐	1339	2.25	12.40	0.16	12.86	ceeds Capac	0 - 09:59 hrs	3.24	3.24	1.04	1.00	-0.46	0.54	2.25	17.28	17.28	20.42	0.01	0.10	74
361	☐	134	2.00	19.76	0.76	20.34	ceeds Capac	0 - 09:55 hrs	6.47	7.00	1.03	1.00	-0.58	1.30	2.00	0.53	0.53	0.58	0.27	0.28	1
362	☐	1340	4.50	78.27	0.16	73.03	Backwater	0 - 11:08 hrs	4.59	6.09	0.93	1.00	5.24	13.87	4.50	2.60	2.60	2.92	0.00	0.01	14
363	☐	1341	2.75	9.21	0.03	23.41	Backwater	0 - 10:15 hrs	3.94	3.94	2.54	1.00	-14.20	1.74	2.75	1.48	1.49	1.50	1.67	0.12	12
364	☐	1342	2.75	18.01	0.12	23.36	ceeds Capac	0 - 10:15 hrs	3.93	4.06	1.30	1.00	-5.35	1.73	2.75	1.49	1.49	1.55	0.68	0.71	9
365	☐	1343	2.75	33.38	0.40	23.38	Backwater	0 - 10:15 hrs	3.94	4.86	0.70	1.00	10.01	1.74	2.75	1.55	1.55	1.72	0.00	0.00	11
366	☐	1344	2.75	29.23	0.31	23.37	Backwater	0 - 10:15 hrs	3.94	3.94	0.80	1.00	5.85	1.73	2.75	1.72	1.72	2.49	0.00	0.00	11
367	☐	1345	2.00	8.42	0.14	21.29	ceeds Capac	0 - 09:56 hrs	6.79	6.97	2.53	1.00	-12.87	1.30	2.00	1.29	1.34	1.31	0.91	0.85	6
368	☐	1347	2.00	12.88	0.32	21.07	ceeds Capac	0 - 09:56 hrs	6.71	6.71	1.64	1.00	-8.19	1.30	2.00	1.14	1.14	1.25	0.36	0.34	6
369	☐	1348	2.00	9.93	0.19	21.03	ceeds Capac	0 - 09:56 hrs	6.70	6.70	2.12	1.00	-11.11	1.30	2.00	1.28	1.29	1.29	0.79	0.66	7
370	☐	1349	3.50	37.54	0.14	30.02	Backwater	0 - 10:07 hrs	3.12	3.12	0.80	1.00	7.51	1.44	3.50	3.97	3.97	4.96	0.00	0.04	27
371	☐	135	4.50	75.08	0.15	103.29	ceeds Capac	0 - 10:27 hrs	6.49	6.49	1.38	1.00	-28.21	13.26	4.50	2.25	2.25	2.50	1.07	1.08	12
372	☐	1350	3.50	41.60	0.17	30.45	Backwater	0 - 10:03 hrs	3.17	3.17	0.73	1.00	11.15	2.39	3.50	7.15	7.15	11.24	0.00	0.00	29
373	☐	1351	5.50	66.34	0.04	129.12	ceeds Capac	0 - 10:03 hrs	5.43	5.43	1.95	1.00	-62.78	11.50	5.50	14.28	14.28	14.30	1.22	1.37	52
374	☐	1352	4.50	89.94	0.21	83.08	Backwater	0 - 10:18 hrs	5.22	6.26	0.92	1.00	6.86	9.39	4.50	1.54	1.54	2.44	0.00	0.01	7
375	☐	1353	1.50	3.44	0.14	7.49	ceeds Capac	0 - 10:03 hrs	4.24	4.24	2.17	1.00	-4.04	0.02	1.50	3.02	3.02	3.10	1.38	0.09	25
376	☐	1354	4.50	84.25	0.18	124.80	ceeds Capac	0 - 10:03 hrs	7.85	7.85	1.48	1.00	-40.55	14.90	4.50	2.50	2.50	2.60	0.90	1.02	17
377	☐	1356	4.50	62.68	0.10	66.58	ceeds Capac	0 - 09:56 hrs	4.29	4.50	1.06	1.00	-3.89	8.49	4.50	1.67	1.67	1.95	0.07	0.08	7
378	☐	1357	4.00	39.83	0.08	77.68	ceeds Capac	0 - 09:56 hrs	6.18	6.18	1.95	1.00	-37.85	7.94	4.00	1.76	1.78	1.79	1.71	1.46	9
379	☐	1358	1.75	6.77	0.24	14.20	ceeds Capac	0 - 09:55 hrs	5.91	5.91	2.10	1.00	-7.43	1.59	1.75	1.45	1.80	1.45	2.03	1.45	5
380	☐	1359	1.00	1.18	0.14	2.86	ceeds Capac	0 - 09:56 hrs	3.64	3.64	2.43	1.00	-1.69	0.63	1.00	2.26	3.82	2.26	5.43	2.26	4
381	☐	136	4.50	73.65	0.14	89.58	ceeds Capac	0 - 09:59 hrs	5.63	5.63	1.22	1.00	-15.93	9.70	4.50	1.95	1.95	2.25	0.27	0.28	7
382	☐	1361	2.50	14.57	0.13	33.91	ceeds Capac	0 - 09:55 hrs	6.91	6.91	2.33	1.00	-19.34	3.13	2.50	2.20	2.20	2.48	1.70	1.69	7
383	☐	1362	2.50	26.49	0.42	15.64	Backwater	0 - 10:41 hrs	3.19	3.72	0.59	1.00	10.84	1.97	2.50	1.31	1.31	2.00	0.00	0.00	5
384	☐	1363	2.00	11.92	0.28	10.51	Backwater	0 - 09:53 hrs	3.61	4.01	0.88	1.00	1.41	0.85	2.00	0.94	0.94	1.36	0.00	0.00	0
385	☐	1364	2.25	21.00	0.46	14.34	Backwater	0 - 09:59 hrs	3.61	4.25	0.68	1.00	6.66	0.62	2.25	1.09	1.09	1.22	0.00	0.00	9
386	☐	1367	1.50	4.11	0.20	8.49	ceeds Capac	0 - 09:47 hrs	4.80	4.80	2.07	1.00	-4.38	1.09	1.50	1.39	1.68	1.39	1.82	1.07	3
387	☐	1368	2.00	10.39	0.21	11.79	ceeds Capac	0 - 09:56 hrs	3.75	3.75	1.13	1.00	-1.40	0.89	2.00	1.52	1.52	1.60	0.31	0.29	8
388	☐	1369	2.00	11.27	0.25	11.79	ceeds Capac	0 - 09:56 hrs	3.75	4.06	1.05	1.00	-0.52	0.89	2.00	1.39	1.39	1.52	0.24	0.13	8
389	☐	137	3.50	24.89	0.06	45.04	Backwater	0 - 09:53 hrs	4.68	4.68	1.81	1.00	-20.15	1.95	3.50	3.49	3.49	3.51	0.00	0.87	17
390	☐	1370	2.00	10.12	0.20	5.30	Backwater	0 - 09:53 hrs	2.21	2.60	0.52	1.00	4.82	0.33	2.00	1.17	1.17	1.29	0.00	0.00	9
391	☐	1371	2.00	18.29	0.65	12.90	Backwater	0 - 09:53 hrs	4.54	4.97	0.70	1.00	5.40	0.89	2.00	1.29	1.29	1.39	0.00	0.03	10
392	☐	1372	1.25	3.95	0.50	6.15	ceeds Capac	0 - 09:55 hrs	5.05	5.06	1.56	1.00	-2.20	0.33	1.25	0.97	1.00	1.41	0.06	0.01	5

FUTURE CONDITIONS 5-YR 24-HR CLIMATE CHANGE CONDUITS

		ID	Full Depth (ft)	Full Flow (cfs)	Percent Slope (%)	Maximum Flow (cfs)	Maximum Flow Class	Max.Flow Day-Time (day-time)	Velocity at Maximum Flow (ft/s)	Maximum Velocity (ft/s)	Max.Flow/Fu ll Flow	Max.Depth/F ull Depth	Reserve Capacity (cfs)	Total Flow Volume (MG)	Maximum Top Width (ft)	Both End Surcharge Time (hrs)	Upstream Surcharge Time (hrs)	Downstream Surcharge Time (hrs)	Above Full-Flow Time (hrs)	Capacity Limited Time (hrs)	Instability Index
393	☐	1373	1.25	6.47	1.34	6.14	Backwater	0 - 09:55 hrs	5.01	5.01	0.95	1.00	0.32	0.33	1.25	1.00	1.00	1.43	0.00	0.00	9
394	☐	1374	1.25	4.12	0.54	6.15	ceeds Capac	0 - 09:55 hrs	5.01	5.01	1.49	1.00	-2.03	0.33	1.25	1.09	1.09	1.43	0.07	0.07	8
395	☐	1376	3.00	37.78	0.32	44.04	ceeds Capac	0 - 09:56 hrs	6.23	6.23	1.17	1.00	-6.25	4.82	3.00	1.59	1.59	2.09	0.03	0.03	5
396	☐	1377	3.00	35.29	0.28	29.13	Backwater	0 - 09:53 hrs	4.57	4.83	0.83	1.00	6.17	3.42	3.00	1.14	1.14	1.57	0.00	0.00	3
397	☐	1378	3.00	43.47	0.42	41.37	Backwater	0 - 09:59 hrs	5.85	5.85	0.95	1.00	2.11	3.49	3.00	1.11	1.11	1.18	0.00	0.00	7
398	☐	1379	1.75	5.55	0.16	7.02	Backwater	0 - 09:56 hrs	2.96	3.05	1.26	1.00	-1.47	0.00	1.75	0.99	0.99	1.17	0.00	0.01	7
399	☐	138	5.50	66.34	0.04	129.49	ceeds Capac	0 - 10:15 hrs	5.45	5.45	1.95	1.00	-63.15	20.45	5.50	14.30	14.30	14.32	2.81	2.78	17
400	☐	1381	2.00	10.55	0.22	14.21	ceeds Capac	0 - 09:55 hrs	4.52	4.52	1.35	1.00	-3.66	1.59	2.00	1.63	1.63	1.66	0.44	0.71	10
401	☐	1382	1.50	7.76	0.73	8.98	Backwater	0 - 09:47 hrs	5.08	5.08	1.16	1.00	-1.21	0.95	1.50	1.35	1.35	1.37	0.13	0.18	7
402	☐	1383	2.00	6.08	0.07	8.86	ceeds Capac	0 - 09:57 hrs	3.17	3.43	1.46	1.00	-2.78	0.45	2.00	1.02	1.02	1.10	0.24	0.20	5
403	☐	1384	6.00	429.48	1.03	158.94	Backwater	0 - 09:59 hrs	5.62	5.62	0.37	1.00	270.54	21.67	6.00	14.23	14.23	14.64	0.00	0.00	60
404	☐	1385	5.50	105.13	0.10	126.60	ceeds Capac	0 - 10:03 hrs	5.33	5.33	1.20	1.00	-21.47	11.46	5.50	11.56	11.56	14.28	0.40	0.41	46
405	☐	1386	3.75	46.36	0.15	51.46	ceeds Capac	0 - 10:08 hrs	4.66	4.74	1.11	1.00	-5.10	6.77	3.75	1.78	1.78	2.40	0.38	0.38	8
406	☐	1387	3.50	22.38	0.05	51.97	ceeds Capac	0 - 09:55 hrs	5.43	5.44	2.32	1.00	-29.58	6.78	3.50	1.94	2.09	1.94	3.13	1.93	8
407	☐	1388	3.50	21.29	0.04	31.28	ceeds Capac	0 - 10:03 hrs	3.25	3.25	1.47	1.00	-9.99	5.31	3.50	2.05	2.15	2.05	2.48	2.01	4
408	☐	1389	1.25	3.43	0.38	3.92	Backwater	0 - 09:56 hrs	3.19	3.19	1.14	1.00	-0.48	0.02	1.25	0.76	0.76	1.14	0.00	0.00	2
409	☐	139	5.50	78.57	0.05	126.56	ceeds Capac	0 - 10:03 hrs	5.33	5.33	1.61	1.00	-48.00	11.55	5.50	10.23	10.23	11.56	0.85	0.92	40
410	☐	1390	2.00	6.38	0.08	7.61	Backwater	0 - 10:03 hrs	2.42	2.42	1.19	1.00	-1.24	0.16	2.00	0.78	0.78	0.85	0.12	0.00	3
411	☐	1391	1.75	3.67	0.07	7.64	Backwater	0 - 10:08 hrs	3.18	3.18	2.08	1.00	-3.97	0.08	1.75	1.66	1.66	1.91	0.42	0.01	6
412	☐	1392	1.00	1.30	0.18	3.65	ceeds Capac	0 - 09:41 hrs	4.64	4.64	2.80	1.00	-2.34	0.52	1.00	3.96	4.09	3.99	3.76	3.59	15
413	☐	1393	3.00	13.68	0.04	18.89	ceeds Capac	0 - 09:55 hrs	2.70	2.71	1.38	1.00	-5.22	2.29	3.00	1.17	1.17	1.18	0.60	0.53	7
414	☐	1394	1.00	1.19	0.15	4.15	Backwater	0 - 09:56 hrs	5.34	5.41	3.49	1.00	-2.96	0.09	1.00	0.94	0.94	1.03	0.47	0.01	4
415	☐	1395	1.00	1.12	0.13	1.75	ceeds Capac	0 - 10:04 hrs	2.23	2.23	1.56	1.00	-0.63	0.14	1.00	0.98	1.01	0.99	0.63	0.57	1
416	☐	1396	1.00	1.26	0.17	2.86	ceeds Capac	0 - 09:56 hrs	3.64	3.64	2.27	1.00	-1.60	0.62	1.00	1.04	2.26	1.04	4.78	1.04	3
417	☐	1397	1.50	4.45	0.24	4.90	Backwater	0 - 09:56 hrs	3.08	3.10	1.10	1.00	-0.45	0.26	1.50	1.69	1.69	1.86	0.01	0.00	10
418	☐	1398	1.50	1.93	0.04	7.80	Backwater	0 - 09:56 hrs	4.42	4.42	4.04	1.00	-5.87	0.02	1.50	1.58	1.58	1.60	0.20	0.33	10
419	☐	1399	4.50	153.16	0.61	75.70	Backwater	0 - 10:18 hrs	4.76	8.33	0.49	1.00	77.46	8.69	4.50	1.11	1.11	1.43	0.00	0.00	6
420	☐	14	2.00	10.12	0.20	17.08	ceeds Capac	0 - 09:57 hrs	5.44	5.44	1.69	1.00	-6.96	3.63	2.00	4.25	4.25	4.70	4.27	4.22	6
421	☐	140	2.25	20.03	0.42	17.24	Backwater	0 - 09:56 hrs	4.34	4.34	0.86	1.00	2.80	0.99	2.25	1.14	1.14	2.47	0.00	0.01	1
422	☐	1400	2.00	29.32	1.68	20.03	Backwater	0 - 09:56 hrs	7.40	8.19	0.68	1.00	9.29	1.30	2.00	1.27	1.27	1.47	0.00	0.00	7
423	☐	1401	4.00	41.65	0.08	83.64	ceeds Capac	0 - 09:56 hrs	6.81	6.81	2.01	1.00	-42.00	7.40	4.00	0.95	1.01	0.95	1.28	0.93	4
424	☐	1402	4.00	81.43	0.32	64.16	Backwater	0 - 09:56 hrs	5.73	7.42	0.79	1.00	17.27	7.40	4.00	0.98	0.98	1.21	0.00	0.00	4
425	☐	1403	2.00	9.83	0.19	10.04	Backwater	0 - 09:57 hrs	3.33	3.45	1.02	1.00	-0.21	0.46	2.00	0.77	0.77	0.81	0.00	0.12	5
426	☐	1404	2.00	8.69	0.15	9.36	Backwater	0 - 09:57 hrs	3.35	3.35	1.08	1.00	-0.67	0.45	2.00	0.81	0.81	0.96	0.01	0.05	5
427	☐	1405	1.00	2.68	0.75	4.20	Backwater	0 - 09:56 hrs	5.35	5.46	1.57	1.00	-1.53	0.00	1.00	0.80	0.80	0.91	0.00	0.03	8
428	☐	1406	2.50	20.51	0.25	22.30	ceeds Capac	0 - 09:56 hrs	4.54	4.54	1.09	1.00	-1.79	0.58	2.50	0.80	0.80	0.83	0.01	0.01	4
429	☐	1407	2.50	19.50	0.23	30.35	ceeds Capac	0 - 09:56 hrs	6.18	6.18	1.56	1.00	-10.86	0.99	2.50	0.83	0.83	1.00	0.24	0.23	4
430	☐	1408	2.50	9.42	0.05	30.37	ceeds Capac	0 - 09:56 hrs	6.19	6.19	3.22	1.00	-20.95	0.99	2.50	1.02	1.02	1.04	0.89	0.81	4
431	☐	1409	2.75	19.14	0.13	12.55	Backwater	0 - 10:30 hrs	2.11	2.11	0.66	1.00	6.59	1.61	2.75	10.02	10.02	10.64	0.00	0.68	50
432	☐	141	2.50	4.27	0.01	9.90	Backwater	0 - 09:56 hrs	2.02	2.78	2.32	1.00	-5.64	0.16	2.50	0.72	0.72	0.72	0.20	0.37	5
433	☐	1410	2.75	18.83	0.13	12.56	Backwater	0 - 10:30 hrs	2.12	2.98	0.67	1.00	6.26	1.62	2.75	8.03	8.03	8.59	0.00	0.54	47
434	☐	1411	2.75	19.11	0.13	39.80	ceeds Capac	0 - 09:59 hrs	6.70	6.70	2.08	1.00	-20.69	3.04	2.75	6.54	6.54	7.09	1.52	1.56	37
435	☐	1412	1.75	5.70	0.17	2.72	Backwater	0 - 09:53 hrs	1.13	1.48	0.48	1.00	2.98	0.00	1.75	4.12	4.12	4.48	0.00	0.24	35
436	☐	1413	2.75	19.66	0.14	20.98	ceeds Capac	0 - 09:57 hrs	3.53	3.53	1.07	1.00	-1.32	2.17	2.75	3.52	3.52	5.97	0.70	0.69	27
437	☐	1414	2.75	17.13	0.10	17.83	ceeds Capac	0 - 10:30 hrs	3.00	3.00	1.04	1.00	-0.69	1.86	2.75	2.77	2.77	3.32	0.83	0.63	17
438	☐	1415	2.75	8.77	0.03	23.41	ceeds Capac	0 - 10:15 hrs	3.94	3.94	2.67	1.00	-14.64	1.73	2.75	2.68	2.68	2.90	1.68	1.65	7
439	☐	1416	5.00	149.83	0.33	101.01	Backwater	0 - 10:03 hrs	5.14	5.82	0.67	1.00	48.83	10.55	5.00	2.34	2.34	2.92	0.00	0.00	21
440	☐	1417	4.50	137.22	0.49	83.07	Backwater	0 - 10:18 hrs	5.22	6.61	0.61	1.00	54.15	9.39	4.50	2.44	2.44	2.87	0.00	0.02	16
441	☐	1418	5.00	182.77	0.49	100.96	Backwater	0 - 10:03 hrs	5.14	5.14	0.55	1.00	81.81	10.51	5.00	3.40	3.40	6.36	0.00	0.00	34

FUTURE CONDITIONS 5-YR 24-HR CLIMATE CHANGE CONDUITS

		ID	Full Depth (ft)	Full Flow (cfs)	Percent Slope (%)	Maximum Flow (cfs)	Maximum Flow Class	Max.Flow Day-Time (day-time)	Velocity at Maximum Flow (ft/s)	Maximum Velocity (ft/s)	Max.Flow/Fu ll Flow	Max.Depth/F ull Depth	Reserve Capacity (cfs)	Total Flow Volume (MG)	Maximum Top Width (ft)	Both End Surcharge Time (hrs)	Upstream Surcharge Time (hrs)	Downstream Surcharge Time (hrs)	Above Full-Flow Time (hrs)	Capacity Limited Time (hrs)	Instability Index
442	☐	1419	5.00	119.02	0.21	100.97	Backwater	0 - 10:03 hrs	5.14	5.14	0.85	1.00	18.04	10.53	5.00	3.03	3.03	4.18	0.00	0.01	21
443	☐	142	2.25	13.54	0.19	14.22	ceeds Capac	0 - 09:59 hrs	3.58	3.58	1.05	1.00	-0.68	0.60	2.25	1.88	1.88	2.11	0.04	0.06	8
444	☐	1420	2.00	11.50	0.26	11.40	Backwater	0 - 09:57 hrs	3.63	3.63	0.99	1.00	0.10	0.84	2.00	2.41	2.41	3.09	0.00	0.02	7
445	☐	1421	1.75	6.35	0.21	2.86	Backwater	0 - 09:55 hrs	1.19	1.90	0.45	1.00	3.49	0.24	1.75	2.23	2.23	2.40	0.00	0.00	14
446	☐	1422	2.75	26.58	0.25	30.17	ceeds Capac	0 - 10:03 hrs	5.08	5.08	1.14	1.00	-3.59	1.78	2.75	1.26	1.26	1.50	0.18	0.19	5
447	☐	1423	1.75	4.70	0.12	3.03	Backwater	0 - 09:53 hrs	1.73	2.11	0.65	1.00	1.66	0.24	1.75	2.02	2.02	2.23	0.00	0.00	11
448	☐	1424	1.50	4.08	0.20	4.39	Backwater	0 - 09:55 hrs	2.91	3.02	1.08	1.00	-0.31	0.24	1.50	1.89	1.89	2.07	0.00	0.00	10
449	☐	1425	2.75	17.78	0.11	18.71	ceeds Capac	0 - 10:07 hrs	3.15	3.31	1.05	1.00	-0.93	1.27	2.75	1.16	1.16	1.26	0.23	0.24	5
450	☐	1426	2.75	17.07	0.10	40.20	ceeds Capac	0 - 09:57 hrs	6.79	6.79	2.36	1.00	-23.13	1.27	2.75	1.07	1.07	1.09	0.40	0.46	8
451	☐	1427	2.00	10.93	0.23	8.07	Backwater	0 - 10:07 hrs	2.57	4.06	0.74	1.00	2.86	0.45	2.00	1.12	1.12	1.16	0.00	0.11	7
452	☐	1428	2.75	33.20	0.39	37.86	ceeds Capac	0 - 09:57 hrs	6.39	6.39	1.14	1.00	-4.66	0.82	2.75	0.86	0.86	1.07	0.00	0.00	7
453	☐	1429	2.75	16.67	0.10	37.78	ceeds Capac	0 - 09:57 hrs	6.40	6.49	2.27	1.00	-21.11	0.82	2.75	0.76	0.77	0.86	0.04	0.00	3
454	☐	143	2.50	18.00	0.19	33.90	ceeds Capac	0 - 09:55 hrs	6.91	6.91	1.88	1.00	-15.90	3.14	2.50	2.00	2.00	2.13	1.22	1.20	11
455	☐	1430	2.75	9.71	0.03	44.17	ceeds Capac	0 - 09:56 hrs	7.44	7.44	4.55	1.00	-34.45	0.82	2.75	0.77	0.78	0.77	1.19	0.50	4
456	☐	1431	2.75	15.04	0.08	29.47	ceeds Capac	0 - 09:56 hrs	4.96	4.96	1.96	1.00	-14.43	0.02	2.75	0.76	0.76	0.78	0.02	0.06	4
457	☐	1432	2.25	15.54	0.25	27.14	ceeds Capac	0 - 09:56 hrs	6.83	6.84	1.75	1.00	-11.60	3.88	2.25	0.86	1.38	0.86	2.00	0.82	2
458	☐	1433	2.25	13.60	0.19	14.18	ceeds Capac	0 - 11:02 hrs	3.57	3.57	1.04	1.00	-0.59	2.94	2.25	1.43	1.47	1.44	0.47	0.34	6
459	☐	1434	2.25	10.71	0.12	9.28	Backwater	0 - 09:56 hrs	2.33	2.33	0.87	1.00	1.43	1.15	2.25	1.08	1.08	1.47	0.00	0.02	5
460	☐	1435	2.25	17.08	0.30	12.79	Backwater	0 - 10:03 hrs	3.22	3.22	0.75	1.00	4.29	0.71	2.25	0.56	0.56	1.01	0.00	0.00	2
461	☐	1436	2.00	51.89	5.26	30.36	Backwater	0 - 09:56 hrs	9.85	11.96	0.59	1.00	21.53	0.58	2.00	0.56	0.56	0.64	0.00	0.00	2
462	☐	1438	1.00	0.56	0.03	2.91	Backwater	0 - 09:56 hrs	3.98	3.98	5.18	1.00	-2.35	0.62	1.00	0.91	0.91	1.36	21.45	0.00	6
463	☐	1439	3.00	102.60	2.37	10.32	Backwater	0 - 09:56 hrs	1.46	1.46	0.10	1.00	92.27	0.71	3.00	1.09	1.09	1.15	0.00	0.01	7
464	☐	144	1.75	7.11	0.27	13.85	ceeds Capac	0 - 09:53 hrs	5.76	5.76	1.95	1.00	-6.74	0.90	1.75	0.95	1.01	1.00	0.10	0.01	1
465	☐	1440	1.00	5.23	2.87	1.69	Backwater	0 - 10:52 hrs	2.89	3.17	0.32	1.00	3.54	0.14	1.00	0.87	0.87	1.34	0.00	0.00	3
466	☐	1441	2.50	16.70	0.17	27.32	ceeds Capac	0 - 09:56 hrs	5.60	5.62	1.64	1.00	-10.62	2.30	2.50	0.78	0.78	0.78	0.93	0.41	6
467	☐	1442	3.00	24.83	0.14	26.97	ceeds Capac	0 - 09:56 hrs	3.82	4.16	1.09	1.00	-2.15	2.44	3.00	0.75	0.75	0.78	0.05	0.03	4
468	☐	1443	3.00	23.27	0.12	30.43	ceeds Capac	0 - 09:56 hrs	4.31	4.40	1.31	1.00	-7.16	2.59	3.00	0.80	0.80	0.81	0.27	0.27	4
469	☐	1444	3.00	27.77	0.17	30.42	ceeds Capac	0 - 09:56 hrs	4.30	4.30	1.10	1.00	-2.66	2.59	3.00	0.83	0.83	0.87	0.02	0.06	4
470	☐	1445	3.00	47.00	0.50	30.49	Backwater	0 - 09:56 hrs	4.31	4.31	0.65	1.00	16.51	2.59	3.00	0.85	0.85	0.91	0.00	0.01	6
471	☐	1446	3.00	24.22	0.13	33.23	ceeds Capac	0 - 09:56 hrs	4.70	4.70	1.37	1.00	-9.01	2.70	3.00	0.93	0.94	0.94	0.28	0.45	7
472	☐	1447	3.00	119.10	3.19	43.48	Backwater	0 - 09:55 hrs	8.23	9.78	0.37	1.00	75.61	3.76	3.00	0.80	0.80	0.85	0.00	0.03	4
473	☐	1448	1.50	1.83	0.04	8.81	ceeds Capac	0 - 09:56 hrs	5.09	5.27	4.80	1.00	-6.98	0.81	1.50	1.01	1.08	1.01	4.01	0.90	7
474	☐	1449	2.50	24.41	0.35	36.39	ceeds Capac	0 - 09:56 hrs	7.43	7.61	1.49	1.00	-11.98	3.04	2.50	0.84	0.91	0.91	0.19	0.10	2
475	☐	1450	2.50	19.45	0.22	28.26	ceeds Capac	0 - 09:52 hrs	5.76	5.76	1.45	1.00	-8.81	2.66	2.50	0.86	0.87	0.90	0.35	0.29	4
476	☐	1451	2.50	10.93	0.07	28.24	ceeds Capac	0 - 09:52 hrs	5.75	5.75	2.58	1.00	-17.31	2.66	2.50	0.91	0.99	0.91	1.91	0.87	3
477	☐	1452	2.50	22.04	0.29	26.28	ceeds Capac	0 - 09:55 hrs	5.35	5.35	1.19	1.00	-4.25	2.30	2.50	0.78	0.79	0.82	0.08	0.03	5
478	☐	1453	2.50	28.32	0.48	26.11	Backwater	0 - 09:56 hrs	5.32	5.56	0.92	1.00	2.21	2.31	2.50	0.69	0.69	0.86	0.00	0.00	4
479	☐	1454	2.00	4.76	0.04	18.02	ceeds Capac	0 - 09:52 hrs	5.74	5.74	3.78	1.00	-13.26	1.68	2.00	0.86	0.87	0.86	3.29	0.70	5
480	☐	1455	2.00	6.15	0.07	18.03	ceeds Capac	0 - 09:52 hrs	5.74	5.74	2.93	1.00	-11.88	1.68	2.00	0.87	0.91	0.87	2.15	0.75	5
481	☐	1456	2.75	23.94	0.20	20.92	Backwater	0 - 09:59 hrs	3.52	3.52	0.87	1.00	3.02	2.07	2.75	14.20	14.20	14.42	0.00	0.00	49
482	☐	1457	1.25	3.50	0.39	2.07	Backwater	0 - 10:06 hrs	1.68	1.68	0.59	1.00	1.43	0.01	1.25	0.90	0.90	5.01	0.00	0.00	3
483	☐	1458	2.00	8.30	0.13	18.02	Backwater	0 - 09:52 hrs	5.74	5.74	2.17	1.00	-9.72	1.68	2.00	0.91	0.91	1.08	1.33	0.00	5
484	☐	146	3.50	127.08	1.60	46.96	Backwater	0 - 12:33 hrs	4.88	4.88	0.37	1.00	80.11	13.69	3.50	19.10	19.10	20.21	0.00	0.00	65
485	☐	1460	2.00	7.50	0.11	2.79	Backwater	0 - 09:48 hrs	0.91	0.91	0.37	1.00	4.71	0.00	2.00	1.08	1.08	1.27	0.00	0.00	6
486	☐	1461	1.50	5.99	0.43	2.16	Backwater	0 - 09:48 hrs	1.48	1.64	0.36	1.00	3.84	0.00	1.50	0.88	0.88	1.30	0.00	0.00	5
487	☐	1462	3.50	10.06	0.01	52.92	ceeds Capac	0 - 10:00 hrs	5.50	5.50	5.26	1.00	-42.86	1.62	3.50	7.98	8.02	8.12	2.09	3.24	29
488	☐	147	6.50	74.35	0.02	182.17	ceeds Capac	0 - 09:59 hrs	5.49	5.49	2.45	1.00	-107.82	16.34	6.50	15.67	15.68	15.72	2.32	2.67	56
489	☐	148	6.50	74.17	0.02	182.14	ceeds Capac	0 - 09:59 hrs	5.49	5.49	2.46	1.00	-107.97	16.10	6.50	15.79	15.79	15.87	2.33	3.06	56
490	☐	149	6.50	155.14	0.09	262.04	Backwater	0 - 09:56 hrs	7.90	7.90	1.69	1.00	-106.90	15.25	6.50	15.47	15.47	15.83	1.27	0.00	50

FUTURE CONDITIONS 5-YR 24-HR CLIMATE CHANGE CONDUITS

		ID	Full Depth (ft)	Full Flow (cfs)	Percent Slope (%)	Maximum Flow (cfs)	Maximum Flow Class	Max.Flow Day-Time (day-time)	Velocity at Maximum Flow (ft/s)	Maximum Velocity (ft/s)	Max.Flow/Fu ll Flow	Max.Depth/F ull Depth	Reserve Capacity (cfs)	Total Flow Volume (MG)	Maximum Top Width (ft)	Both End Surcharge Time (hrs)	Upstream Surcharge Time (hrs)	Downstream Surcharge Time (hrs)	Above Full-Flow Time (hrs)	Capacity Limited Time (hrs)	Instability Index
491	☐	15	2.00	10.12	0.20	15.75	ceeds Capac	0 - 12:42 hrs	5.01	5.01	1.56	1.00	-5.63	3.83	2.00	3.83	4.70	3.83	5.34	3.83	7
492	☐	152	6.00	140.59	0.11	153.50	ceeds Capac	0 - 09:59 hrs	5.43	5.43	1.09	1.00	-12.91	21.88	6.00	15.01	15.01	15.77	0.36	0.36	45
493	☐	155	6.00	173.41	0.17	169.16	Backwater	0 - 09:59 hrs	5.98	5.98	0.98	1.00	4.26	22.83	6.00	14.64	14.64	15.01	0.00	0.11	52
494	☐	156	2.50	39.27	0.92	16.02	Backwater	0 - 09:57 hrs	3.26	3.26	0.41	1.00	23.25	1.98	2.50	15.43	15.43	15.64	0.00	0.03	63
495	☐	157	6.50	74.16	0.02	182.12	ceeds Capac	0 - 09:59 hrs	5.49	5.49	2.46	1.00	-107.96	16.22	6.50	15.72	15.72	15.79	2.33	3.26	55
496	☐	158	3.50	24.07	0.16	22.26	Backwater	0 - 09:56 hrs	2.31	2.31	0.92	1.00	1.81	6.31	3.50	16.80	16.80	18.86	0.00	0.00	32
497	☐	159	3.50	23.78	0.16	27.89	ceeds Capac	0 - 10:11 hrs	2.90	2.90	1.17	1.00	-4.10	6.58	3.50	15.88	15.88	16.80	1.41	1.45	43
498	☐	16	2.00	17.23	0.58	25.86	ceeds Capac	0 - 09:59 hrs	8.27	8.28	1.50	1.00	-8.63	5.65	2.00	0.06	3.83	0.06	4.04	0.06	18
499	☐	160	3.50	23.81	0.16	21.90	Backwater	0 - 10:10 hrs	2.28	2.28	0.92	1.00	1.90	4.93	3.50	15.27	15.27	15.88	0.00	0.00	51
500	☐	161	3.50	23.73	0.16	17.54	Backwater	0 - 10:03 hrs	1.82	2.09	0.74	1.00	6.19	4.29	3.50	15.14	15.14	15.27	0.00	0.00	57
501	☐	162	2.50	20.51	0.25	15.40	Backwater	0 - 10:55 hrs	3.14	3.64	0.75	1.00	5.11	3.64	2.50	4.60	4.60	5.62	0.00	0.00	20
502	☐	164	2.50	43.04	1.10	40.17	Backwater	0 - 09:56 hrs	8.18	9.18	0.93	1.00	2.86	2.83	2.50	0.85	0.85	1.84	0.00	0.00	5
503	☐	165	3.50	44.98	0.20	26.67	Backwater	0 - 09:59 hrs	2.77	2.98	0.59	1.00	18.32	1.17	3.50	4.41	4.41	9.60	0.00	0.04	43
504	☐	166	3.50	46.82	0.22	26.67	Backwater	0 - 09:59 hrs	2.77	3.98	0.57	1.00	20.15	1.18	3.48	3.80	3.80	4.41	0.00	0.35	35
505	☐	167	3.50	44.57	0.20	26.61	Backwater	0 - 09:59 hrs	2.77	2.77	0.60	1.00	17.96	1.19	3.49	2.59	2.59	3.80	0.00	0.01	31
506	☐	17	2.50	31.25	0.58	26.02	Free Surface	0 - 10:15 hrs	5.71	6.82	0.83	0.90	5.23	5.65	2.50	0.00	0.00	1.00	0.00	0.00	7
507	☐	170	4.50	62.55	0.10	137.07	ceeds Capac	0 - 00:02 hrs	8.79	11.36	2.19	1.00	-74.52	6.53	2.94	23.95	23.95	23.98	0.51	0.45	70
508	☐	171	2.50	19.99	0.24	20.76	ceeds Capac	0 - 09:33 hrs	4.23	5.40	1.04	1.00	-0.77	5.08	2.50	2.41	2.41	2.42	0.91	1.14	19
509	☐	172	3.50	25.16	0.06	28.20	ceeds Capac	0 - 10:07 hrs	2.93	2.93	1.12	1.00	-3.04	2.16	3.50	0.91	0.91	1.10	0.42	0.36	3
510	☐	173	3.50	55.28	0.30	28.19	Backwater	0 - 10:07 hrs	2.93	4.36	0.51	1.00	27.09	2.10	3.48	2.86	2.86	23.80	0.00	0.00	57
511	☐	174	2.75	72.91	1.90	17.07	Backwater	0 - 09:48 hrs	2.87	2.99	0.23	1.00	55.84	2.68	2.45	1.02	1.02	23.91	0.00	0.00	57
512	☐	175	1.75	13.48	0.96	11.12	Backwater	0 - 10:12 hrs	4.62	4.62	0.82	1.00	2.36	1.01	1.75	2.46	2.46	2.76	0.00	0.00	15
513	☐	176	2.00	5.36	0.06	16.88	ceeds Capac	0 - 09:45 hrs	5.37	5.37	3.15	1.00	-11.52	2.70	2.00	2.73	3.39	2.73	5.00	2.73	4
514	☐	177	2.00	8.51	0.14	16.88	ceeds Capac	0 - 09:45 hrs	5.37	5.37	1.98	1.00	-8.37	2.69	2.00	2.54	2.67	2.73	2.99	2.54	5
515	☐	178	4.50	19.66	0.01	90.35	ceeds Capac	0 - 00:03 hrs	6.66	7.67	4.59	1.00	-70.69	5.31	4.49	23.92	23.92	23.92	2.45	4.93	72
516	☐	179	4.50	61.30	0.10	87.87	ceeds Capac	0 - 00:04 hrs	6.90	7.34	1.43	1.00	-26.58	5.36	4.46	23.91	23.91	23.91	0.03	0.01	72
517	☐	180	3.75	69.01	0.33	67.25	Backwater	0 - 00:05 hrs	6.57	7.87	0.97	1.00	1.76	2.72	3.60	23.88	23.88	23.91	0.00	0.00	70
518	☐	181	3.75	43.10	0.13	65.97	ceeds Capac	0 - 00:06 hrs	7.51	7.80	1.53	1.00	-22.87	2.74	3.51	23.86	23.86	23.88	0.07	0.15	70
519	☐	182	3.50	31.13	0.10	38.97	Backwater	0 - 00:07 hrs	5.78	5.93	1.25	1.00	-7.84	2.07	3.50	23.80	23.80	23.85	0.03	0.05	63
520	☐	183	3.50	44.03	0.19	28.18	Backwater	0 - 10:07 hrs	2.93	2.93	0.64	1.00	15.85	2.18	3.50	0.62	0.62	0.91	0.00	0.00	3
521	☐	184	2.00	14.41	0.41	16.06	ceeds Capac	0 - 10:14 hrs	5.11	5.11	1.11	1.00	-1.65	1.24	2.00	0.87	0.87	1.05	0.15	0.16	3
522	☐	185	2.00	11.46	0.26	16.07	ceeds Capac	0 - 10:14 hrs	5.11	5.11	1.40	1.00	-4.61	1.24	2.00	0.77	0.77	0.86	0.42	0.42	2
523	☐	186	3.50	41.74	0.17	28.22	Backwater	0 - 10:07 hrs	2.93	3.89	0.68	1.00	13.51	2.13	3.50	1.10	1.10	2.86	0.00	0.00	9
524	☐	187	2.00	4.64	0.12	8.80	ceeds Capac	0 - 15:11 hrs	2.80	2.80	1.89	1.00	-4.16	4.67	2.00	22.62	22.64	22.62	21.68	21.52	87
525	☐	188	2.00	4.67	0.12	8.78	ceeds Capac	0 - 13:21 hrs	2.80	2.80	1.88	1.00	-4.11	4.67	2.00	22.60	22.62	22.60	21.60	21.45	76
526	☐	189	2.00	4.63	0.12	8.77	ceeds Capac	0 - 22:15 hrs	2.79	2.79	1.90	1.00	-4.14	4.65	2.00	22.50	22.60	22.50	21.65	21.51	73
527	☐	19	4.50	87.90	0.20	76.43	Backwater	0 - 10:15 hrs	4.81	4.81	0.87	1.00	11.46	14.60	4.50	3.52	3.52	14.54	0.00	0.00	17
528	☐	190	2.00	4.65	0.12	8.79	ceeds Capac	0 - 15:07 hrs	2.80	2.80	1.89	1.00	-4.14	4.65	1.99	22.48	22.50	22.48	21.57	21.38	76
529	☐	191	2.00	1.93	0.02	8.80	ceeds Capac	0 - 19:52 hrs	2.80	2.80	4.55	1.00	-6.86	4.64	1.99	22.48	22.48	22.48	22.63	22.48	77
530	☐	192	2.00	6.43	0.23	8.78	ceeds Capac	0 - 23:00 hrs	2.80	2.99	1.37	1.00	-2.35	4.64	2.00	22.48	22.48	22.49	16.73	16.26	78
531	☐	193	2.00	4.61	0.12	8.76	ceeds Capac	0 - 23:00 hrs	2.79	2.79	1.90	1.00	-4.16	4.63	1.99	22.49	22.49	22.49	21.56	21.55	63
532	☐	194	2.00	8.27	0.38	8.77	Free Surface	0 - 23:00 hrs	3.41	3.41	1.06	0.76	-0.51	4.62	1.98	0.00	0.00	22.49	13.44	0.00	67
533	☐	195	3.00	74.58	1.25	81.32	ceeds Capac	0 - 09:53 hrs	12.39	12.39	1.09	1.00	-6.74	9.07	3.00	0.59	0.59	0.67	0.51	0.45	4
534	☐	196	3.00	75.04	1.27	75.87	ceeds Capac	0 - 10:15 hrs	10.73	11.23	1.01	1.00	-0.83	9.07	3.00	0.69	0.69	0.95	0.36	0.36	3
535	☐	197	5.00	87.41	0.11	122.72	ceeds Capac	0 - 10:03 hrs	6.25	6.25	1.40	1.00	-35.31	13.06	4.99	2.27	2.27	23.96	1.04	1.04	2
536	☐	198	4.00	86.75	0.36	94.38	ceeds Capac	0 - 10:18 hrs	7.51	7.51	1.09	1.00	-7.63	10.58	3.95	2.64	2.64	23.16	0.41	0.46	6
537	☐	199	4.00	116.52	0.66	110.37	Backwater	0 - 10:03 hrs	8.78	8.78	0.95	1.00	6.15	10.75	4.00	0.76	0.76	1.02	0.00	0.00	3
538	☐	20	4.50	59.36	0.09	78.35	ceeds Capac	0 - 09:59 hrs	4.93	4.93	1.32	1.00	-18.99	13.55	4.50	14.54	14.54	14.76	1.76	1.75	38
539	☐	200	2.00	27.03	1.43	21.92	Backwater	0 - 10:04 hrs	6.98	6.98	0.81	1.00	5.11	1.04	2.00	1.01	1.01	1.10	0.00	0.01	4

FUTURE CONDITIONS 5-YR 24-HR CLIMATE CHANGE CONDUITS

		ID	Full Depth (ft)	Full Flow (cfs)	Percent Slope (%)	Maximum Flow (cfs)	Maximum Flow Class	Max.Flow Day-Time (day-time)	Velocity at Maximum Flow (ft/s)	Maximum Velocity (ft/s)	Max.Flow/Fu ll Flow	Max.Depth/F ull Depth	Reserve Capacity (cfs)	Total Flow Volume (MG)	Maximum Top Width (ft)	Both End Surcharge Time (hrs)	Upstream Surcharge Time (hrs)	Downstream Surcharge Time (hrs)	Above Full-Flow Time (hrs)	Capacity Limited Time (hrs)	Instability Index
540	☐	201	2.00	12.35	0.40	14.62	ceeds Capac	0 - 10:11 hrs	4.65	4.65	1.18	1.00	-2.27	1.00	1.93	1.10	1.10	2.74	0.37	0.38	4
541	☐	202	5.00	109.10	0.18	169.93	ceeds Capac	0 - 00:02 hrs	8.78	8.92	1.56	1.00	-60.83	12.93	3.14	23.96	23.96	24.00	0.60	0.57	2
542	☐	203	2.00	53.48	5.59	34.57	Free Surface	0 - 10:03 hrs	12.95	15.24	0.65	0.79	18.90	1.61	2.00	0.00	0.00	0.10	0.00	0.00	0
543	☐	204	3.50	61.39	0.37	78.57	Free Surface	0 - 10:04 hrs	8.17	8.17	1.28	1.00	-17.18	0.18	2.76	0.00	0.25	0.00	0.24	0.00	0
544	☐	205	3.50	68.26	0.46	84.07	Free Surface	0 - 10:04 hrs	8.74	8.74	1.23	1.00	-15.81	26.24	2.76	0.00	0.25	0.00	0.24	0.00	0
545	☐	206	3.50	54.85	0.30	73.56	ceeds Capac	0 - 10:04 hrs	7.65	7.65	1.34	1.00	-18.71	14.45	2.76	0.25	0.25	24.00	0.24	0.25	0
546	☐	208	2.00	7.21	0.10	14.29	Free Surface	0 - 10:04 hrs	4.72	4.85	1.98	0.93	-7.08	0.77	2.00	0.00	0.83	0.00	0.89	0.00	1
547	☐	209	2.00	21.61	0.91	7.65	Free Surface	0 - 10:07 hrs	2.67	3.59	0.35	0.88	13.96	0.39	2.00	0.00	0.00	0.00	0.00	0.00	0
548	☐	21	2.00	10.38	0.21	12.87	ceeds Capac	0 - 09:51 hrs	4.10	4.10	1.24	1.00	-2.49	1.23	2.00	1.23	1.23	1.62	0.09	0.11	3
549	☐	210	2.00	19.47	0.74	24.24	Free Surface	0 - 09:59 hrs	7.94	7.94	1.25	0.94	-4.77	1.11	2.00	0.00	0.13	0.00	0.20	0.00	0
550	☐	211	2.00	19.33	0.73	20.46	Free Surface	0 - 10:06 hrs	7.07	7.11	1.06	0.87	-1.13	1.07	2.00	0.00	0.00	0.00	0.18	0.00	0
551	☐	212	2.50	61.83	2.27	24.98	Free Surface	0 - 10:04 hrs	6.59	6.59	0.40	0.72	36.85	1.23	2.50	0.00	0.00	0.23	0.00	0.00	0
552	☐	213	3.50	104.20	1.07	82.17	Free Surface	0 - 10:06 hrs	9.19	11.81	0.79	0.88	22.02	3.89	3.50	0.00	0.00	0.13	0.00	0.00	0
553	☐	214	2.50	59.37	2.09	42.34	Free Surface	0 - 10:03 hrs	9.91	10.31	0.71	0.81	17.03	2.01	2.50	0.00	0.00	0.07	0.00	0.00	0
554	☐	216	3.50	107.50	1.14	82.18	Backwater	0 - 10:06 hrs	8.54	11.59	0.76	1.00	25.31	3.90	3.50	0.17	0.17	0.24	0.00	0.00	0
555	☐	217	3.50	78.39	0.61	82.18	ceeds Capac	0 - 10:06 hrs	8.54	8.54	1.05	1.00	-3.79	3.90	3.50	0.25	0.25	0.48	0.10	0.11	0
556	☐	218	4.50	102.35	0.27	106.10	ceeds Capac	0 - 10:03 hrs	6.67	6.67	1.04	1.00	-3.75	4.98	4.50	0.33	0.33	0.35	0.09	0.09	1
557	☐	219	5.00	71.37	0.08	106.08	ceeds Capac	0 - 10:03 hrs	5.40	5.40	1.49	1.00	-34.71	4.97	5.00	0.30	0.31	0.30	0.32	0.22	2
558	☐	22	2.00	12.80	0.32	12.87	ceeds Capac	0 - 09:51 hrs	4.10	4.10	1.00	1.00	-0.06	1.23	1.99	1.62	1.62	23.88	0.00	0.02	4
559	☐	220	5.00	94.30	0.13	155.01	ceeds Capac	0 - 10:03 hrs	7.89	7.89	1.64	1.00	-60.71	8.02	5.00	0.28	0.30	0.28	0.41	0.28	0
560	☐	221	2.00	53.12	5.51	51.02	Backwater	0 - 09:59 hrs	16.24	16.24	0.96	1.00	2.09	3.06	2.00	0.47	0.47	1.65	0.00	0.00	0
561	☐	222	2.00	31.37	1.92	35.65	ceeds Capac	0 - 09:56 hrs	11.35	11.35	1.14	1.00	-4.28	2.32	2.00	0.38	0.38	0.41	0.28	0.27	1
562	☐	224	2.00	26.47	1.37	35.64	ceeds Capac	0 - 09:56 hrs	11.34	11.34	1.35	1.00	-9.17	2.32	2.00	0.39	0.41	0.50	0.40	0.36	0
563	☐	225	2.50	102.34	6.22	0.00	Free Surface	0 - 00:00 hrs	0.00	0.00	0.00	0.50	102.34	0.00	2.50	0.00	0.00	0.00	0.00	0.00	0
564	☐	226	2.50	29.61	0.52	9.53	Backwater	0 - 10:00 hrs	2.34	2.45	0.32	1.00	20.08	0.00	2.50	0.01	0.01	0.22	0.00	0.00	0
565	☐	227	2.50	38.38	0.88	9.59	Backwater	0 - 09:57 hrs	1.97	1.97	0.25	1.00	28.79	0.00	2.50	0.22	0.22	0.66	0.00	0.00	0
566	☐	228	5.50	156.36	0.22	202.18	ceeds Capac	0 - 10:04 hrs	8.51	8.51	1.29	1.00	-45.82	10.43	5.50	0.15	0.18	0.15	0.27	0.15	0
567	☐	229	2.00	37.17	2.70	34.57	Backwater	0 - 10:03 hrs	11.00	11.00	0.93	1.00	2.60	1.61	2.00	0.10	0.10	23.82	0.00	0.00	0
568	☐	23	4.00	87.35	0.37	13.53	Backwater	0 - 00:06 hrs	2.44	2.68	0.15	1.00	73.82	1.21	4.00	1.23	1.23	1.70	0.00	0.00	16
569	☐	230	5.50	83.06	0.06	236.51	Free Surface	0 - 10:04 hrs	10.78	10.78	2.85	0.87	-153.45	12.00	5.50	0.00	0.15	0.00	0.84	0.00	0
570	☐	231	2.25	25.36	0.67	20.97	Backwater	0 - 10:23 hrs	5.27	5.27	0.83	1.00	4.39	2.44	2.25	0.71	0.71	1.21	0.00	0.00	5
571	☐	232	2.00	10.58	0.22	15.90	ceeds Capac	0 - 09:53 hrs	5.06	5.06	1.50	1.00	-5.32	1.14	2.00	0.82	0.82	0.83	0.37	0.33	4
572	☐	233	2.00	2.29	0.01	8.88	ceeds Capac	0 - 09:59 hrs	2.83	2.83	3.88	1.00	-6.60	0.34	2.00	0.82	0.82	0.83	1.39	0.38	7
573	☐	234	2.00	20.77	0.84	11.87	Free Surface	0 - 09:59 hrs	4.57	5.84	0.57	0.77	8.90	0.50	2.00	0.00	0.00	0.53	0.00	0.00	0
574	☐	235	2.00	17.31	0.59	11.89	Backwater	0 - 09:59 hrs	3.78	3.78	0.69	1.00	5.42	0.50	2.00	0.64	0.64	0.73	0.00	0.00	3
575	☐	236	2.00	6.53	0.08	1.25	Backwater	0 - 10:03 hrs	0.40	0.40	0.19	1.00	5.28	0.00	2.00	1.15	1.15	1.27	0.00	0.00	8
576	☐	237	2.50	15.31	0.14	35.30	ceeds Capac	0 - 09:59 hrs	7.19	7.19	2.30	1.00	-19.98	3.62	2.50	1.03	1.13	1.03	1.79	1.03	7
577	☐	238	2.50	18.85	0.21	35.31	ceeds Capac	0 - 09:59 hrs	7.19	7.19	1.87	1.00	-16.46	3.62	2.50	1.10	1.12	1.10	1.36	1.02	8
578	☐	239	2.50	21.67	0.28	35.30	ceeds Capac	0 - 09:59 hrs	7.19	7.19	1.63	1.00	-13.63	3.62	2.50	1.08	1.10	1.08	1.20	1.04	7
579	☐	24	2.00	17.65	0.61	37.54	ceeds Capac	0 - 09:59 hrs	11.95	11.95	2.13	1.00	-19.89	2.48	2.00	0.99	0.99	1.34	0.77	0.77	3
580	☐	240	2.50	19.57	0.23	35.31	Free Surface	0 - 09:59 hrs	7.57	7.57	1.80	0.90	-15.74	3.62	2.50	0.00	1.08	0.00	1.31	0.00	3
581	☐	241	2.50	63.26	2.38	35.28	Free Surface	0 - 09:59 hrs	8.74	13.10	0.56	0.77	27.98	3.62	2.50	0.00	0.00	0.39	0.00	0.00	0
582	☐	243	2.50	56.11	1.87	35.29	Backwater	0 - 09:59 hrs	7.19	8.43	0.63	1.00	20.81	3.62	2.50	0.44	0.44	0.64	0.00	0.00	3
583	☐	244	2.50	19.43	0.22	37.08	ceeds Capac	0 - 09:55 hrs	7.55	7.55	1.91	1.00	-17.65	4.23	2.50	1.04	1.27	1.04	1.79	1.04	5
584	☐	245	2.25	23.55	0.58	59.55	Backwater	0 - 12:27 hrs	29.34	29.34	2.53	1.00	-36.00	1.55	2.25	0.59	0.59	0.60	0.00	0.23	3
585	☐	246	2.00	25.01	1.22	23.19	Backwater	0 - 10:00 hrs	7.38	7.38	0.93	1.00	1.83	1.56	2.00	0.58	0.58	0.62	0.00	0.05	3
586	☐	247	2.00	12.19	0.29	16.58	ceeds Capac	0 - 09:52 hrs	5.28	5.28	1.36	1.00	-4.39	1.25	2.00	0.91	0.91	0.92	0.16	0.29	4
587	☐	248	2.00	13.54	0.36	23.17	ceeds Capac	0 - 09:57 hrs	7.38	7.38	1.71	1.00	-9.63	1.56	2.00	0.61	0.62	0.62	0.66	0.58	3
588	☐	249	2.00	10.28	0.21	16.56	ceeds Capac	0 - 09:52 hrs	5.27	5.27	1.61	1.00	-6.28	1.25	2.00	0.92	0.92	1.05	0.38	0.37	3

FUTURE CONDITIONS 5-YR 24-HR CLIMATE CHANGE CONDUITS

		ID	Full Depth (ft)	Full Flow (cfs)	Percent Slope (%)	Maximum Flow (cfs)	Maximum Flow Class	Max.Flow Day-Time (day-time)	Velocity at Maximum Flow (ft/s)	Maximum Velocity (ft/s)	Max.Flow/Fu ll Flow	Max.Depth/F ull Depth	Reserve Capacity (cfs)	Total Flow Volume (MG)	Maximum Top Width (ft)	Both End Surcharge Time (hrs)	Upstream Surcharge Time (hrs)	Downstream Surcharge Time (hrs)	Above Full-Flow Time (hrs)	Capacity Limited Time (hrs)	Instability Index
589	☐	25	3.00	68.62	3.03	72.96	ceeds Capac	0 - 10:03 hrs	10.47	10.53	1.06	1.00	-4.34	5.56	3.00	0.06	0.06	0.21	0.17	0.05	0
590	☐	250	2.25	19.59	0.40	23.34	ceeds Capac	0 - 10:06 hrs	5.87	5.87	1.19	1.00	-3.76	2.04	2.25	0.70	0.70	0.75	0.36	0.37	3
591	☐	251	2.00	5.59	0.06	24.73	ceeds Capac	0 - 09:52 hrs	7.89	7.89	4.42	1.00	-19.14	1.87	2.00	0.64	1.11	0.64	2.88	0.64	4
592	☐	252	2.00	16.02	0.50	26.74	ceeds Capac	0 - 09:53 hrs	8.77	8.77	1.67	1.00	-10.72	1.39	2.00	0.64	0.68	0.64	0.28	0.26	3
593	☐	253	2.00	15.05	0.44	13.33	Backwater	0 - 09:52 hrs	4.25	4.25	0.89	1.00	1.71	0.17	2.00	0.65	0.65	0.66	0.00	0.18	3
594	☐	254	5.00	346.57	1.77	145.39	Backwater	0 - 00:00 hrs	7.56	7.76	0.42	1.00	201.17	3.57	4.21	0.00	0.00	24.00	0.00	0.00	0
595	☐	255	2.50	26.22	0.41	48.42	ceeds Capac	0 - 10:00 hrs	9.86	9.86	1.85	1.00	-22.20	3.60	2.21	1.34	1.34	23.98	0.89	0.89	2
596	☐	256	2.50	81.82	3.98	48.42	Free Surface	0 - 10:02 hrs	11.84	11.84	0.59	0.78	33.40	3.61	2.50	0.00	0.00	1.28	0.00	0.00	0
597	☐	257	2.50	22.36	0.30	48.72	Free Surface	0 - 10:00 hrs	10.08	10.08	2.18	0.96	-26.36	3.61	2.50	0.00	0.87	0.00	0.97	0.00	3
598	☐	258	2.50	30.11	0.54	48.69	ceeds Capac	0 - 10:00 hrs	9.92	9.92	1.62	1.00	-18.58	3.61	2.50	0.78	0.78	0.85	0.76	0.75	1
599	☐	259	2.25	16.81	0.29	19.62	ceeds Capac	0 - 10:15 hrs	4.94	5.44	1.17	1.00	-2.81	2.00	2.25	0.75	0.75	0.82	0.54	0.53	4
600	☐	26	1.50	6.08	0.45	8.84	ceeds Capac	0 - 09:59 hrs	5.00	5.00	1.45	1.00	-2.76	0.34	1.50	1.02	1.02	1.03	0.23	0.29	3
601	☐	260	2.25	19.86	0.41	19.63	Backwater	0 - 10:15 hrs	4.94	5.50	0.99	1.00	0.24	2.00	2.25	0.87	0.87	0.97	0.00	0.06	4
602	☐	261	2.50	23.32	0.32	32.67	ceeds Capac	0 - 09:56 hrs	6.66	6.66	1.40	1.00	-9.35	2.44	2.50	0.76	0.76	0.78	0.64	0.63	1
603	☐	262	2.50	24.26	0.35	32.67	ceeds Capac	0 - 09:56 hrs	6.66	6.66	1.35	1.00	-8.41	2.44	2.50	0.75	0.76	0.77	0.60	0.57	1
604	☐	263	2.00	16.02	0.50	22.50	ceeds Capac	0 - 09:55 hrs	7.17	7.28	1.40	1.00	-6.48	1.37	2.00	0.60	0.64	0.60	0.26	0.14	1
605	☐	264	2.50	25.49	0.39	27.89	ceeds Capac	0 - 10:10 hrs	5.68	5.68	1.09	1.00	-2.39	2.58	2.50	1.00	1.00	1.12	0.40	0.40	2
606	☐	265	2.50	30.82	0.56	37.09	ceeds Capac	0 - 09:55 hrs	7.56	7.56	1.20	1.00	-6.26	4.35	2.50	1.12	1.12	1.27	0.98	0.95	2
607	☐	266	2.50	22.71	0.31	37.08	ceeds Capac	0 - 09:55 hrs	7.61	7.61	1.63	1.00	-14.37	4.23	2.50	0.73	1.04	0.73	1.46	0.72	6
608	☐	267	2.50	26.95	0.43	37.77	ceeds Capac	0 - 09:55 hrs	7.83	8.66	1.40	1.00	-10.82	4.23	2.50	0.68	1.01	0.68	1.17	0.51	5
609	☐	268	2.50	56.64	1.91	36.96	Backwater	0 - 10:41 hrs	9.17	9.78	0.65	1.00	19.68	4.22	2.50	0.68	0.68	0.71	0.00	0.10	4
610	☐	269	2.50	33.18	0.65	34.97	ceeds Capac	0 - 10:41 hrs	7.20	7.76	1.05	1.00	-1.79	4.23	2.50	0.70	0.71	0.75	0.20	0.07	4
611	☐	27	2.00	32.14	2.02	25.06	Free Surface	0 - 10:03 hrs	10.31	10.36	0.78	0.72	7.08	1.23	2.00	0.00	0.00	0.00	0.00	0.00	0
612	☐	270	2.50	38.91	0.90	45.03	ceeds Capac	0 - 09:55 hrs	9.17	9.29	1.16	1.00	-6.13	4.98	2.50	0.71	0.75	0.76	0.26	0.10	3
613	☐	271	2.50	37.73	0.85	45.11	ceeds Capac	0 - 09:55 hrs	9.27	9.28	1.20	1.00	-7.39	4.98	2.50	0.65	0.76	0.65	0.38	0.19	3
614	☐	272	2.50	37.36	0.83	40.28	ceeds Capac	0 - 09:55 hrs	8.21	8.63	1.08	1.00	-2.92	4.98	2.50	0.65	0.86	0.65	0.44	0.16	2
615	☐	273	2.50	17.63	0.18	16.89	Backwater	0 - 10:07 hrs	3.44	3.44	0.96	1.00	0.75	2.03	2.12	23.94	23.94	23.94	0.00	0.17	66
616	☐	274	2.00	7.11	0.10	11.84	ceeds Capac	0 - 09:49 hrs	3.77	3.77	1.67	1.00	-4.73	2.21	1.98	23.84	23.84	23.86	3.20	3.29	69
617	☐	275	4.50	89.91	0.21	59.31	Backwater	0 - 09:52 hrs	6.46	6.52	0.66	1.00	30.60	7.06	4.50	0.74	0.74	0.80	0.00	0.00	4
618	☐	276	6.00	134.48	0.10	321.23	Backwater	0 - 00:01 hrs	11.39	11.39	2.39	1.00	-186.75	5.37	2.35	23.98	23.98	24.00	0.05	0.01	58
619	☐	277	5.00	130.84	0.25	169.25	Backwater	0 - 00:02 hrs	8.91	9.23	1.29	1.00	-38.42	6.36	4.88	23.95	23.95	23.99	0.02	0.00	51
620	☐	278	3.00	81.85	1.51	68.50	Free Surface	0 - 10:03 hrs	10.06	12.80	0.84	0.92	13.35	5.96	3.00	0.00	0.00	0.22	0.00	0.00	0
621	☐	279	3.00	76.61	1.32	79.21	ceeds Capac	0 - 10:10 hrs	11.21	11.21	1.03	1.00	-2.60	7.10	3.00	0.42	0.42	0.50	0.26	0.26	2
622	☐	28	3.00	33.61	0.73	10.25	Free Surface	0 - 09:59 hrs	4.14	4.15	0.30	0.39	23.36	0.44	2.92	0.00	0.00	0.00	0.00	0.00	0
623	☐	280	2.50	10.20	0.06	21.09	Free Surface	0 - 10:21 hrs	4.94	4.94	2.07	0.81	-10.90	2.21	2.50	0.00	0.95	0.00	1.64	0.00	0
624	☐	281	2.50	22.15	0.29	22.15	Backwater	0 - 10:15 hrs	4.51	4.51	1.00	1.00	0.00	1.80	2.50	0.90	0.90	0.95	0.00	0.03	3
625	☐	282	2.50	21.76	0.28	29.21	ceeds Capac	0 - 09:59 hrs	5.95	5.95	1.34	1.00	-7.45	1.85	2.50	0.80	0.80	0.90	0.36	0.39	5
626	☐	283	2.50	28.13	0.47	22.68	Backwater	0 - 10:10 hrs	4.62	4.62	0.81	1.00	5.45	1.52	2.50	0.68	0.68	0.80	0.00	0.00	5
627	☐	284	3.00	92.97	1.94	21.09	Free Surface	0 - 10:03 hrs	7.09	7.61	0.23	0.45	71.87	2.21	2.98	0.00	0.00	0.00	0.00	0.00	0
628	☐	285	3.50	53.00	0.28	61.39	ceeds Capac	0 - 09:59 hrs	6.38	6.38	1.16	1.00	-8.39	4.43	1.37	2.92	2.92	24.00	0.38	0.39	10
629	☐	286	3.00	38.65	0.34	46.11	ceeds Capac	0 - 09:59 hrs	6.52	6.58	1.19	1.00	-7.46	3.06	3.00	0.47	0.47	0.48	0.34	0.33	2
630	☐	287	2.00	18.26	0.65	14.89	Backwater	0 - 10:19 hrs	4.74	4.74	0.82	1.00	3.38	1.36	2.00	0.69	0.69	0.76	0.00	0.01	5
631	☐	288	2.00	15.17	0.45	14.88	Backwater	0 - 10:18 hrs	4.74	5.31	0.98	1.00	0.29	1.36	2.00	0.60	0.60	0.69	0.00	0.06	3
632	☐	289	2.75	53.30	1.02	26.43	Backwater	0 - 00:01 hrs	5.38	5.38	0.50	1.00	26.87	1.35	2.33	23.94	23.94	23.96	0.00	0.00	81
633	☐	29	3.00	30.53	0.60	10.17	Free Surface	0 - 10:04 hrs	3.89	3.93	0.33	0.40	20.36	0.44	2.94	0.00	0.00	0.00	0.00	0.00	0
634	☐	290	2.00	26.53	1.38	4.86	Backwater	0 - 09:52 hrs	1.95	1.97	0.18	1.00	21.67	0.00	1.98	0.50	0.50	1.10	0.00	0.00	4
635	☐	291	3.00	30.57	0.21	23.34	Backwater	0 - 10:36 hrs	3.30	3.51	0.76	1.00	7.23	2.62	3.00	0.87	0.87	0.96	0.00	0.00	1
636	☐	292	3.00	30.61	0.21	30.09	Backwater	0 - 09:52 hrs	4.48	4.82	0.98	1.00	0.52	2.60	3.00	0.78	0.78	0.87	0.00	0.00	0
637	☐	294	5.50	180.50	0.29	233.06	ceeds Capac	0 - 10:00 hrs	9.81	9.82	1.29	1.00	-52.57	23.31	5.50	0.72	0.72	0.74	0.41	0.33	2

FUTURE CONDITIONS 5-YR 24-HR CLIMATE CHANGE CONDUITS

		ID	Full Depth (ft)	Full Flow (cfs)	Percent Slope (%)	Maximum Flow (cfs)	Maximum Flow Class	Max.Flow Day-Time (day-time)	Velocity at Maximum Flow (ft/s)	Maximum Velocity (ft/s)	Max.Flow/Fu ll Flow	Max.Depth/F ull Depth	Reserve Capacity (cfs)	Total Flow Volume (MG)	Maximum Top Width (ft)	Both End Surcharge Time (hrs)	Upstream Surcharge Time (hrs)	Downstream Surcharge Time (hrs)	Above Full-Flow Time (hrs)	Capacity Limited Time (hrs)	Instability Index
638	☐	295	4.00	66.66	0.22	92.88	ceeds Capac	0 - 09:59 hrs	7.39	7.39	1.39	1.00	-26.23	5.73	4.00	3.12	3.12	3.28	0.36	0.38	23
639	☐	296	3.00	55.43	0.69	64.84	ceeds Capac	0 - 09:57 hrs	9.17	9.17	1.17	1.00	-9.41	3.85	3.00	0.27	0.27	0.27	0.12	0.09	0
640	☐	297	4.50	75.58	0.15	97.14	ceeds Capac	0 - 09:59 hrs	7.69	8.22	1.29	1.00	-21.55	8.36	4.50	0.57	0.58	0.57	0.12	0.25	3
641	☐	298	3.50	88.51	0.77	43.79	Backwater	0 - 09:59 hrs	5.67	5.67	0.49	1.00	44.71	1.89	3.50	0.44	0.44	0.61	0.00	0.00	2
642	☐	299	3.50	42.16	0.18	48.88	Backwater	0 - 10:02 hrs	6.29	6.95	1.16	1.00	-6.73	5.70	3.50	0.18	0.18	0.20	0.34	0.01	1
643	☐	30	3.00	47.16	0.50	45.19	Free Surface	0 - 10:22 hrs	7.79	7.79	0.96	0.76	1.97	5.80	3.00	0.00	0.00	0.00	0.00	0.00	0
644	☐	300	3.50	81.62	0.66	46.62	Backwater	0 - 10:25 hrs	5.32	6.69	0.57	1.00	35.00	5.69	3.50	0.19	0.19	0.61	0.00	0.00	1
645	☐	301	4.50	90.16	0.21	87.54	Backwater	0 - 10:00 hrs	6.43	6.52	0.97	1.00	2.61	7.57	4.50	0.48	0.48	0.52	0.00	0.00	2
646	☐	302	4.50	99.35	0.26	87.46	Backwater	0 - 10:00 hrs	6.10	6.14	0.88	1.00	11.90	7.56	4.50	0.52	0.52	0.56	0.00	0.00	2
647	☐	303	4.50	75.51	0.15	92.12	Backwater	0 - 10:00 hrs	6.28	6.48	1.22	1.00	-16.61	7.88	4.50	0.57	0.57	0.57	0.06	0.05	2
648	☐	304	4.00	14.36	0.01	43.94	ceeds Capac	0 - 09:59 hrs	6.60	6.61	3.06	1.00	-29.58	1.90	4.00	0.38	0.39	0.38	0.73	0.20	3
649	☐	305	3.50	67.92	0.46	56.78	Free Surface	0 - 10:03 hrs	6.82	6.83	0.84	0.88	11.14	6.02	3.50	0.00	0.00	0.09	0.00	0.00	0
650	☐	306	2.50	34.84	0.72	70.27	ceeds Capac	0 - 09:59 hrs	14.32	14.32	2.02	1.00	-35.44	5.89	2.50	1.38	1.38	1.46	0.77	0.81	5
651	☐	307	2.50	34.80	0.72	32.90	Backwater	0 - 09:52 hrs	6.70	6.70	0.95	1.00	1.89	4.37	2.50	1.05	1.05	1.38	0.00	0.00	6
652	☐	308	2.50	34.81	0.72	32.90	Backwater	0 - 09:52 hrs	6.70	7.88	0.95	1.00	1.91	4.37	2.50	0.81	0.81	1.05	0.00	0.00	4
653	☐	309	2.00	19.19	0.72	23.26	ceeds Capac	0 - 09:52 hrs	7.41	7.48	1.21	1.00	-4.07	3.40	2.00	0.90	0.92	0.94	0.18	0.09	2
654	☐	31	2.00	38.11	2.84	8.79	Free Surface	0 - 09:59 hrs	7.30	7.30	0.23	0.41	29.32	0.35	2.00	0.00	0.00	0.00	0.00	0.00	0
655	☐	310	2.00	19.20	0.72	23.26	ceeds Capac	0 - 09:52 hrs	7.41	7.41	1.21	1.00	-4.06	3.40	2.00	0.86	0.87	0.92	0.16	0.12	3
656	☐	311	3.00	39.31	0.35	32.23	Backwater	0 - 09:59 hrs	4.56	5.97	0.82	1.00	7.08	3.42	3.00	0.94	0.94	1.07	0.00	0.01	4
657	☐	312	3.00	32.26	0.23	27.80	Backwater	0 - 09:52 hrs	4.34	5.27	0.86	1.00	4.45	3.12	3.00	0.82	0.82	0.94	0.00	0.00	4
658	☐	313	3.00	31.49	0.22	33.39	Backwater	0 - 09:52 hrs	5.39	5.43	1.06	1.00	-1.91	3.13	3.00	0.75	0.75	0.82	0.01	0.00	5
659	☐	314	2.50	92.75	5.11	97.19	Free Surface	0 - 09:59 hrs	20.35	21.54	1.05	0.94	-4.44	5.36	2.50	0.00	0.00	0.05	0.05	0.00	0
660	☐	315	2.50	40.85	0.99	30.79	Backwater	0 - 10:12 hrs	6.27	6.83	0.75	1.00	10.06	2.24	2.50	0.50	0.50	0.55	0.00	0.01	1
661	☐	316	2.25	22.68	0.54	34.23	ceeds Capac	0 - 10:00 hrs	8.61	8.61	1.51	1.00	-11.55	1.89	2.25	0.29	0.32	0.29	0.36	0.29	0
662	☐	317	2.25	23.82	0.59	26.97	ceeds Capac	0 - 10:07 hrs	6.78	6.78	1.13	1.00	-3.15	1.54	2.25	0.29	0.29	0.32	0.23	0.22	1
663	☐	318	6.50	235.08	0.20	242.86	ceeds Capac	0 - 10:04 hrs	7.32	7.87	1.03	1.00	-7.78	19.56	6.50	0.13	0.13	0.14	0.06	0.05	1
664	☐	319	7.00	498.96	0.61	441.16	Free Surface	0 - 10:08 hrs	12.10	12.11	0.88	0.90	57.80	52.45	6.99	0.00	0.00	1.65	0.00	0.00	0
665	☐	32	2.50	34.62	0.71	26.18	Backwater	0 - 10:15 hrs	5.33	6.06	0.76	1.00	8.44	5.65	2.50	1.00	1.00	1.65	0.00	0.00	5
666	☐	320	6.50	1,324.50	6.38	417.55	Free Surface	0 - 10:10 hrs	19.25	20.79	0.32	0.62	906.95	51.04	6.50	0.00	0.00	0.00	0.00	0.00	0
667	☐	323	6.50	906.48	2.99	417.55	Free Surface	0 - 10:10 hrs	21.30	22.22	0.46	0.57	488.93	51.04	6.50	0.00	0.00	0.00	0.00	0.00	0
668	☐	327	6.50	389.40	0.55	426.95	Free Surface	0 - 10:04 hrs	13.23	13.52	1.10	0.98	-37.55	51.00	6.50	0.00	0.12	0.00	0.45	0.00	0
669	☐	33	1.50	7.34	0.65	9.02	Free Surface	0 - 09:59 hrs	5.46	5.46	1.23	0.88	-1.68	0.35	1.50	0.00	0.00	0.00	0.16	0.00	0
670	☐	331	6.50	416.85	0.63	432.28	Free Surface	0 - 10:03 hrs	13.67	14.49	1.04	0.99	-15.43	51.12	6.50	0.00	0.00	0.12	0.21	0.00	0
671	☐	332	3.00	41.29	0.38	41.18	Backwater	0 - 09:55 hrs	6.17	6.89	1.00	1.00	0.11	4.11	3.00	0.96	0.96	1.08	0.00	0.07	6
672	☐	333	2.50	4.10	0.01	35.85	Backwater	0 - 09:59 hrs	7.30	7.30	8.74	1.00	-31.74	6.43	2.50	1.91	1.91	3.19	21.04	0.00	18
673	☐	334	2.50	18.09	0.19	35.85	Backwater	0 - 09:59 hrs	7.30	7.30	1.98	1.00	-17.76	6.44	2.50	3.24	3.24	3.36	3.63	0.08	23
674	☐	335	2.50	4.10	0.01	18.12	Backwater	0 - 10:08 hrs	3.69	3.69	4.42	1.00	-14.01	1.09	2.50	20.20	20.20	20.24	1.74	5.76	73
675	☐	336	4.00	27.11	0.04	81.86	ceeds Capac	0 - 09:56 hrs	6.58	6.59	3.02	1.00	-54.75	7.41	4.00	0.95	0.96	0.95	1.81	0.79	6
676	☐	337	3.50	40.29	0.16	31.70	Backwater	0 - 10:41 hrs	3.29	3.29	0.79	1.00	8.59	4.32	3.50	4.31	4.31	7.26	0.00	0.07	41
677	☐	338	2.50	16.69	0.17	19.33	ceeds Capac	0 - 09:52 hrs	3.94	3.94	1.16	1.00	-2.64	1.93	2.50	0.92	0.92	0.93	0.61	0.50	6
678	☐	339	4.50	76.04	0.15	136.89	ceeds Capac	0 - 09:59 hrs	9.07	9.12	1.80	1.00	-60.85	6.78	4.50	0.29	0.29	0.29	0.35	0.21	1
679	☐	34	3.00	17.48	0.07	24.26	ceeds Capac	0 - 10:25 hrs	3.43	3.47	1.39	1.00	-6.78	2.59	2.99	23.65	23.65	23.69	0.85	0.88	37
680	☐	340	3.00	37.05	0.31	46.08	ceeds Capac	0 - 09:59 hrs	6.52	6.52	1.24	1.00	-9.04	3.06	3.00	0.43	0.43	0.47	0.37	0.36	2
681	☐	341	2.25	31.37	1.03	21.30	Backwater	0 - 10:11 hrs	5.36	6.40	0.68	1.00	10.07	1.40	2.25	0.46	0.46	0.48	0.00	0.05	1
682	☐	342	4.00	87.19	1.06	157.21	Free Surface	0 - 10:04 hrs	12.71	12.71	1.80	0.96	-70.02	9.49	4.00	0.00	0.29	0.00	0.51	0.00	0
683	☐	343	3.00	60.48	0.82	74.47	ceeds Capac	0 - 10:03 hrs	10.59	10.61	1.23	1.00	-13.98	5.57	3.00	0.06	0.21	0.06	0.30	0.06	0
684	☐	344	3.00	48.98	0.54	47.30	Backwater	0 - 09:59 hrs	7.09	7.45	0.97	1.00	1.68	4.21	3.00	0.12	0.12	0.21	0.00	0.00	0
685	☐	345	3.00	53.10	0.63	31.06	Free Surface	0 - 10:07 hrs	5.29	6.14	0.58	0.82	22.04	2.57	3.00	0.00	0.00	0.12	0.00	0.00	0
686	☐	347	5.00	163.50	1.13	190.45	Free Surface	0 - 09:59 hrs	12.58	12.58	1.16	0.73	-26.95	15.51	5.00	0.00	0.32	0.00	0.38	0.00	0

FUTURE CONDITIONS 5-YR 24-HR CLIMATE CHANGE CONDUITS

		ID	Full Depth (ft)	Full Flow (cfs)	Percent Slope (%)	Maximum Flow (cfs)	Maximum Flow Class	Max.Flow Day-Time (day-time)	Velocity at Maximum Flow (ft/s)	Maximum Velocity (ft/s)	Max.Flow/Fu ll Flow	Max.Depth/F ull Depth	Reserve Capacity (cfs)	Total Flow Volume (MG)	Maximum Top Width (ft)	Both End Surcharge Time (hrs)	Upstream Surcharge Time (hrs)	Downstream Surcharge Time (hrs)	Above Full-Flow Time (hrs)	Capacity Limited Time (hrs)	Instability Index
687	☐	348	3.50	55.39	0.87	79.51	ceeds Capac	0 - 09:56 hrs	8.33	8.43	1.44	1.00	-24.12	6.49	3.50	0.44	0.55	0.44	0.73	0.44	2
688	☐	349	2.25	29.68	0.92	39.75	ceeds Capac	0 - 09:56 hrs	10.07	10.08	1.34	1.00	-10.07	3.59	2.25	0.45	0.73	0.45	0.79	0.45	2
689	☐	35	4.50	82.26	0.18	89.87	ceeds Capac	0 - 09:59 hrs	5.65	5.65	1.09	1.00	-7.61	13.90	4.50	14.76	14.76	15.09	0.30	0.40	52
690	☐	350	1.50	14.96	2.70	8.14	Backwater	0 - 09:55 hrs	4.62	4.68	0.54	1.00	6.82	0.00	1.50	0.64	0.64	0.74	0.00	0.00	7
691	☐	351	3.50	57.28	0.93	79.52	ceeds Capac	0 - 09:56 hrs	8.26	8.26	1.39	1.00	-22.24	6.50	3.50	0.55	0.60	0.55	0.70	0.55	1
692	☐	352	3.50	96.03	0.91	93.60	Backwater	0 - 09:59 hrs	9.73	9.73	0.97	1.00	2.43	6.62	3.50	0.60	0.60	0.63	0.00	0.10	2
693	☐	353	4.50	152.34	0.60	163.01	ceeds Capac	0 - 10:00 hrs	10.25	10.25	1.07	1.00	-10.66	14.29	4.50	0.33	0.33	0.50	0.28	0.25	0
694	☐	354	3.50	84.00	2.00	82.11	Backwater	0 - 09:56 hrs	8.61	8.61	0.98	1.00	1.90	6.49	3.50	0.43	0.44	0.47	0.00	0.04	2
695	☐	355	3.50	50.22	0.25	61.39	ceeds Capac	0 - 09:59 hrs	6.38	6.38	1.22	1.00	-11.17	4.43	3.35	0.73	0.73	2.93	0.40	0.40	12
696	☐	356	3.50	85.20	0.72	61.39	Backwater	0 - 09:59 hrs	6.38	6.38	0.72	1.00	23.81	4.44	3.47	0.69	0.69	0.73	0.00	0.06	14
697	☐	357	3.50	68.50	0.46	48.92	Backwater	0 - 10:14 hrs	5.08	5.08	0.71	1.00	19.58	3.71	3.50	0.55	0.55	0.69	0.00	0.00	14
698	☐	358	3.00	50.05	0.56	48.91	Backwater	0 - 10:14 hrs	6.92	6.92	0.98	1.00	1.14	3.72	3.00	0.54	0.54	0.60	0.00	0.12	12
699	☐	359	3.00	30.13	0.20	49.00	ceeds Capac	0 - 09:59 hrs	6.93	6.93	1.63	1.00	-18.87	3.74	3.00	0.54	0.59	0.54	0.72	0.54	9
700	☐	360	3.00	13.51	0.04	48.98	ceeds Capac	0 - 09:59 hrs	6.93	6.93	3.63	1.00	-35.47	3.74	3.00	0.55	0.62	0.55	1.79	0.55	4
701	☐	361	3.00	18.72	0.08	48.97	ceeds Capac	0 - 09:59 hrs	6.93	6.93	2.62	1.00	-30.25	3.74	3.00	0.57	0.58	0.57	1.17	0.52	4
702	☐	362	3.00	33.26	0.25	49.02	ceeds Capac	0 - 09:59 hrs	6.94	6.94	1.47	1.00	-15.76	3.74	3.00	0.58	0.59	0.58	0.66	0.57	4
703	☐	363	3.00	48.85	0.54	39.90	Backwater	0 - 10:14 hrs	5.65	5.65	0.82	1.00	8.95	2.97	3.00	0.48	0.48	0.59	0.00	0.00	3
704	☐	364	2.25	19.82	0.41	21.31	ceeds Capac	0 - 10:11 hrs	5.36	5.36	1.08	1.00	-1.50	1.40	2.25	0.48	0.48	0.49	0.09	0.22	1
705	☐	365	3.00	59.70	0.80	46.09	Backwater	0 - 10:03 hrs	6.52	7.39	0.77	1.00	13.61	3.06	3.00	0.38	0.38	0.43	0.00	0.07	1
706	☐	366	2.25	31.61	1.04	30.98	Backwater	0 - 10:03 hrs	7.79	8.52	0.98	1.00	0.63	1.49	2.25	0.29	0.29	0.46	0.00	0.00	0
707	☐	367	2.00	35.55	2.47	30.98	Backwater	0 - 10:03 hrs	9.86	11.98	0.87	1.00	4.58	1.49	2.00	0.12	0.12	0.29	0.00	0.00	0
708	☐	368	2.00	4.64	0.12	58.24	Backwater	0 - 00:00 hrs	10.86	10.86	6.27	1.00	-53.60	19.62	0.78	24.00	24.00	24.00	24.00	0.00	0
709	☐	37	3.50	46.74	0.22	29.02	Backwater	0 - 09:55 hrs	3.02	3.02	0.62	1.00	17.72	7.88	3.50	19.64	19.64	19.99	0.00	0.00	18
710	☐	370	5.00	99.99	0.42	336.36	ceeds Capac	0 - 10:03 hrs	17.13	17.13	3.36	1.00	-236.37	24.90	5.00	17.40	17.40	17.68	1.82	2.00	68
711	☐	372	3.00	91.62	1.89	92.01	ceeds Capac	0 - 09:59 hrs	13.02	13.02	1.00	1.00	-0.39	7.64	3.00	14.23	14.23	18.35	0.01	0.05	58
712	☐	373	3.00	102.13	2.34	92.01	Backwater	0 - 09:59 hrs	13.02	13.02	0.90	1.00	10.13	7.65	3.00	2.32	2.32	14.17	0.00	0.00	60
713	☐	374	3.00	94.52	2.01	10.20	Backwater	0 - 09:56 hrs	2.13	2.16	0.11	1.00	84.32	0.00	3.00	0.29	0.29	1.84	0.00	0.00	7
714	☐	375	3.00	83.84	1.58	92.00	ceeds Capac	0 - 09:59 hrs	13.02	13.40	1.10	1.00	-8.16	7.66	3.00	0.66	0.66	1.38	0.29	0.28	3
715	☐	376	3.00	76.52	1.32	92.01	ceeds Capac	0 - 09:59 hrs	13.02	13.02	1.20	1.00	-15.48	7.67	3.00	0.52	0.52	0.61	0.40	0.37	2
716	☐	377	3.00	59.36	0.79	79.22	ceeds Capac	0 - 10:10 hrs	11.21	11.21	1.33	1.00	-19.85	7.10	3.00	0.48	0.50	0.48	0.59	0.48	2
717	☐	378	2.00	70.66	9.76	24.44	Backwater	0 - 09:59 hrs	10.35	10.36	0.35	1.00	46.22	1.20	2.00	0.04	0.04	0.56	0.00	0.00	0
718	☐	379	2.00	37.37	2.73	24.77	Free Surface	0 - 10:03 hrs	12.72	12.72	0.66	0.71	12.60	1.20	2.00	0.00	0.00	0.00	0.00	0.00	0
719	☐	38	6.00	182.12	0.18	136.27	Backwater	0 - 09:59 hrs	4.82	4.82	0.75	1.00	45.85	7.29	5.79	20.03	20.03	24.00	0.00	0.00	8
720	☐	380	3.00	76.52	1.32	62.53	Backwater	0 - 09:56 hrs	9.85	10.63	0.82	1.00	13.99	5.90	3.00	0.38	0.38	0.42	0.00	0.00	1
721	☐	381	3.00	49.13	0.54	64.00	ceeds Capac	0 - 09:57 hrs	9.10	9.23	1.30	1.00	-14.87	5.90	3.00	0.37	0.40	0.37	0.56	0.35	1
722	☐	382	3.00	62.05	0.87	63.27	Backwater	0 - 09:57 hrs	9.25	9.25	1.02	1.00	-1.23	5.92	3.00	0.34	0.34	0.40	0.02	0.02	0
723	☐	383	3.00	85.38	1.64	68.50	Backwater	0 - 10:03 hrs	9.69	11.43	0.80	1.00	16.88	5.96	3.00	0.29	0.29	0.34	0.00	0.00	1
724	☐	384	3.00	104.54	2.46	68.52	Backwater	0 - 10:03 hrs	9.69	15.03	0.66	1.00	36.02	5.96	3.00	0.21	0.21	0.28	0.00	0.00	1
725	☐	385	3.00	50.03	0.56	29.97	Free Surface	0 - 10:02 hrs	7.36	7.37	0.60	0.60	20.06	2.57	3.00	0.00	0.00	0.00	0.00	0.00	0
726	☐	39	3.50	48.16	0.23	61.84	ceeds Capac	0 - 10:03 hrs	6.43	6.43	1.28	1.00	-13.68	3.18	3.50	0.45	0.45	0.53	0.14	0.14	1
727	☐	390	1.25	2.03	0.13	6.10	ceeds Capac	0 - 09:48 hrs	5.04	5.09	3.00	1.00	-4.07	0.95	1.25	1.10	3.33	1.10	5.00	1.10	16
728	☐	391	2.25	17.40	0.32	24.02	ceeds Capac	0 - 10:08 hrs	6.04	6.04	1.38	1.00	-6.62	1.53	2.25	0.41	0.41	0.44	0.38	0.36	2
729	☐	392	2.50	29.40	0.51	24.00	Backwater	0 - 10:00 hrs	4.89	5.30	0.82	1.00	5.40	1.53	2.50	0.37	0.37	0.68	0.00	0.00	3
730	☐	393	2.00	11.57	0.26	8.51	Backwater	0 - 09:59 hrs	2.71	2.71	0.74	1.00	3.05	0.34	2.00	0.75	0.75	0.98	0.00	0.00	4
731	☐	394	2.25	13.41	0.19	24.00	ceeds Capac	0 - 10:00 hrs	6.04	6.04	1.79	1.00	-10.59	1.53	2.25	0.41	0.44	0.41	0.62	0.41	1
732	☐	395	2.00	14.37	0.40	18.73	ceeds Capac	0 - 10:00 hrs	6.23	6.89	1.30	1.00	-4.36	0.80	2.00	0.32	0.37	0.52	0.16	0.08	1
733	☐	396	4.00	142.14	0.98	39.27	Free Surface	0 - 10:04 hrs	9.74	9.74	0.28	0.36	102.87	1.85	3.83	0.00	0.00	0.00	0.00	0.00	0
734	☐	397	4.00	76.44	0.81	72.94	Free Surface	0 - 10:03 hrs	8.14	8.20	0.95	0.67	3.50	5.56	4.00	0.00	0.00	0.00	0.00	0.00	0
735	☐	398	4.00	210.07	2.14	115.65	Free Surface	0 - 10:03 hrs	11.21	11.21	0.55	0.76	94.43	7.58	4.00	0.00	0.00	0.29	0.00	0.00	0

FUTURE CONDITIONS 5-YR 24-HR CLIMATE CHANGE CONDUITS

		ID	Full Depth (ft)	Full Flow (cfs)	Percent Slope (%)	Maximum Flow (cfs)	Maximum Flow Class	Max.Flow Day-Time (day-time)	Velocity at Maximum Flow (ft/s)	Maximum Velocity (ft/s)	Max.Flow/Fu ll Flow	Max.Depth/F ull Depth	Reserve Capacity (cfs)	Total Flow Volume (MG)	Maximum Top Width (ft)	Both End Surcharge Time (hrs)	Upstream Surcharge Time (hrs)	Downstream Surcharge Time (hrs)	Above Full-Flow Time (hrs)	Capacity Limited Time (hrs)	Instability Index
736	☐	399	4.00	152.58	1.13	39.02	Free Surface	0 - 10:04 hrs	10.16	10.16	0.26	0.34	113.56	1.85	3.97	0.00	0.00	0.00	0.00	0.00	0
737	☐	4	3.50	17.13	0.03	106.16	ceeds Capac	0 - 00:00 hrs	11.09	11.09	6.20	1.00	-89.03	6.58	2.02	23.97	23.97	24.00	3.15	3.22	7
738	☐	40	4.50	118.51	0.36	126.30	ceeds Capac	0 - 09:57 hrs	7.94	8.71	1.07	1.00	-7.79	25.84	4.50	1.75	1.75	1.94	0.03	0.02	6
739	☐	400	2.00	25.79	1.30	20.17	Free Surface	0 - 10:03 hrs	9.08	9.08	0.78	0.67	5.62	0.93	2.00	0.00	0.00	0.00	0.00	0.00	0
740	☐	401	2.00	31.16	1.90	21.56	Free Surface	0 - 10:04 hrs	10.03	10.33	0.69	0.65	9.59	0.99	2.00	0.00	0.00	0.00	0.00	0.00	0
741	☐	402	2.00	37.59	2.76	21.58	Free Surface	0 - 10:03 hrs	12.37	12.37	0.57	0.54	16.01	0.99	2.00	0.00	0.00	0.00	0.00	0.00	0
742	☐	403	2.00	35.69	2.49	21.47	Free Surface	0 - 10:04 hrs	10.33	10.36	0.60	0.63	14.22	0.99	2.00	0.00	0.00	0.00	0.00	0.00	0
743	☐	404	2.25	41.01	1.75	0.54	Backwater	0 - 10:56 hrs	0.14	0.14	0.01	1.00	40.48	0.00	2.25	0.99	0.99	1.69	0.00	0.00	10
744	☐	405	2.25	24.41	0.62	38.39	ceeds Capac	0 - 09:56 hrs	9.65	9.65	1.57	1.00	-13.98	2.99	2.25	4.00	4.00	5.23	0.69	0.61	22
745	☐	406	4.00	93.22	0.42	153.36	ceeds Capac	0 - 10:00 hrs	12.20	12.20	1.65	1.00	-60.14	14.30	4.00	0.63	0.64	0.63	0.66	0.49	3
746	☐	407	4.50	109.82	0.31	153.39	ceeds Capac	0 - 10:00 hrs	9.64	9.64	1.40	1.00	-43.58	14.30	4.50	0.56	0.58	0.58	0.31	0.26	3
747	☐	408	4.50	147.35	0.56	153.94	ceeds Capac	0 - 10:00 hrs	9.68	9.68	1.04	1.00	-6.58	14.30	4.50	0.62	0.62	0.66	0.02	0.01	3
748	☐	409	5.00	77.24	0.09	154.48	ceeds Capac	0 - 10:00 hrs	7.87	8.20	2.00	1.00	-77.23	14.30	5.00	0.59	0.59	0.59	0.88	0.49	3
749	☐	41	5.00	152.20	0.34	188.38	ceeds Capac	0 - 09:56 hrs	9.59	9.76	1.24	1.00	-36.19	28.35	5.00	0.93	1.05	0.93	1.75	0.92	7
750	☐	410	5.00	176.19	0.46	154.91	Backwater	0 - 10:00 hrs	7.89	8.12	0.88	1.00	21.28	14.29	5.00	0.59	0.59	0.64	0.00	0.00	3
751	☐	411	5.50	215.45	0.41	237.61	ceeds Capac	0 - 09:59 hrs	10.78	10.91	1.10	1.00	-22.15	23.31	5.50	0.61	0.61	0.71	0.04	0.01	3
752	☐	412	5.50	310.04	0.85	238.04	Backwater	0 - 10:00 hrs	10.14	10.95	0.77	1.00	72.00	23.32	5.50	0.71	0.71	0.72	0.00	0.12	3
753	☐	413	5.50	184.15	0.30	209.37	ceeds Capac	0 - 10:04 hrs	8.81	9.18	1.14	1.00	-25.23	23.27	5.50	0.74	0.74	0.78	0.33	0.29	2
754	☐	414	2.00	31.58	5.58	11.12	Backwater	0 - 09:59 hrs	4.70	4.70	0.35	1.00	20.46	0.48	2.00	0.47	0.47	2.02	0.00	0.00	3
755	☐	415	2.00	9.34	0.49	11.29	ceeds Capac	0 - 10:00 hrs	4.61	5.45	1.21	1.00	-1.95	0.48	2.00	0.44	0.44	0.47	0.16	0.09	2
756	☐	416	4.00	115.59	0.55	123.76	ceeds Capac	0 - 09:59 hrs	9.85	9.85	1.07	1.00	-8.17	7.02	3.99	4.10	4.11	4.42	0.10	0.08	23
757	☐	417	4.00	25.10	0.03	123.81	ceeds Capac	0 - 09:59 hrs	9.85	9.85	4.93	1.00	-98.71	7.01	4.00	3.90	3.93	3.92	1.77	2.12	24
758	☐	418	4.50	136.92	0.48	142.01	ceeds Capac	0 - 09:59 hrs	9.29	9.98	1.04	1.00	-5.10	7.16	4.50	0.31	0.31	0.41	0.02	0.04	1
759	☐	419	2.00	29.93	1.75	123.89	ceeds Capac	0 - 12:48 hrs	78.68	78.68	4.14	1.00	-93.96	6.94	2.00	1.80	2.65	1.97	2.52	1.60	0
760	☐	42	4.00	50.70	0.12	95.09	ceeds Capac	0 - 09:53 hrs	7.74	7.80	1.88	1.00	-44.39	20.73	4.00	1.73	1.80	1.73	4.22	1.37	7
761	☐	420	3.00	95.63	2.06	2.81	Backwater	0 - 10:30 hrs	0.49	0.50	0.03	1.00	92.82	0.00	3.00	0.48	0.48	0.57	0.00	0.00	4
762	☐	421	3.00	132.41	3.94	61.18	Backwater	0 - 12:48 hrs	16.35	16.91	0.46	1.00	71.23	6.95	3.00	0.24	0.24	0.56	0.00	0.00	0
763	☐	422	4.50	135.52	0.47	153.94	ceeds Capac	0 - 10:00 hrs	9.68	9.68	1.14	1.00	-18.42	14.31	4.50	0.57	0.57	0.59	0.06	0.05	3
764	☐	423	4.50	147.25	0.56	149.35	ceeds Capac	0 - 10:00 hrs	9.39	10.30	1.01	1.00	-2.10	14.10	4.50	0.43	0.43	0.55	0.00	0.01	2
765	☐	424	4.50	144.21	0.54	89.32	Backwater	0 - 09:59 hrs	5.99	7.05	0.62	1.00	54.89	8.36	4.50	0.57	0.57	0.69	0.00	0.00	3
766	☐	425	2.00	10.86	0.23	35.51	ceeds Capac	0 - 09:56 hrs	11.30	11.30	3.27	1.00	-24.64	2.32	2.00	0.31	0.90	0.31	1.18	0.31	1
767	☐	426	1.75	6.48	0.22	9.82	ceeds Capac	0 - 10:44 hrs	4.08	4.08	1.51	1.00	-3.34	3.55	1.72	22.46	22.46	23.80	2.03	2.08	62
768	☐	427	1.75	4.84	0.12	7.98	ceeds Capac	0 - 10:41 hrs	3.32	3.32	1.65	1.00	-3.14	0.81	1.74	23.01	23.01	23.87	1.53	1.54	28
769	☐	428	2.00	5.22	0.05	11.69	ceeds Capac	0 - 00:06 hrs	4.33	5.63	2.24	1.00	-6.47	0.83	1.78	23.86	23.86	23.92	1.49	1.76	63
770	☐	429	2.00	12.74	0.32	21.02	Backwater	0 - 00:03 hrs	6.94	8.12	1.65	1.00	-8.28	0.85	1.39	23.95	23.95	23.96	0.03	0.00	66
771	☐	43	3.33	62.69	0.50	48.92	Backwater	0 - 00:00 hrs	5.82	5.92	0.78	1.00	13.76	2.32	1.88	0.01	0.01	24.00	0.00	0.01	2
772	☐	430	4.50	53.26	0.07	59.75	ceeds Capac	0 - 09:59 hrs	3.76	4.71	1.12	1.00	-6.49	5.42	4.47	2.95	2.95	23.79	0.49	0.45	10
773	☐	431	2.00	11.40	0.25	19.03	ceeds Capac	0 - 09:59 hrs	6.06	6.06	1.67	1.00	-7.62	0.89	2.00	1.28	1.28	23.71	0.32	0.32	3
774	☐	432	3.50	20.12	0.04	53.99	ceeds Capac	0 - 09:59 hrs	5.61	5.65	2.68	1.00	-33.87	9.31	3.48	23.87	23.87	23.89	3.66	3.71	65
775	☐	433	3.00	27.27	0.17	28.71	Backwater	0 - 00:07 hrs	5.23	5.32	1.05	1.00	-1.43	5.36	3.00	23.84	23.84	23.89	0.01	0.00	67
776	☐	434	3.00	50.61	0.58	22.23	Backwater	0 - 10:45 hrs	3.15	4.57	0.44	1.00	28.37	5.38	2.98	23.84	23.84	23.84	0.00	0.23	79
777	☐	436	3.00	25.35	0.14	24.27	Backwater	0 - 10:25 hrs	3.43	3.43	0.96	1.00	1.08	2.56	2.96	23.69	23.69	23.78	0.00	0.06	40
778	☐	437	3.00	30.56	0.21	46.05	ceeds Capac	0 - 09:53 hrs	6.52	6.52	1.51	1.00	-15.49	4.94	3.00	0.91	0.96	0.91	0.63	0.43	2
779	☐	438	3.50	37.58	0.14	55.42	ceeds Capac	0 - 00:03 hrs	6.17	6.17	1.47	1.00	-17.84	9.28	3.45	23.91	23.91	23.93	1.30	1.27	79
780	☐	439	2.50	23.23	0.32	30.36	Backwater	0 - 00:02 hrs	6.66	6.66	1.31	1.00	-7.13	0.86	0.98	23.96	23.96	23.97	0.01	0.00	68
781	☐	44	1.75	9.51	0.48	8.90	Backwater	0 - 10:00 hrs	3.70	4.12	0.94	1.00	0.61	0.37	1.75	0.16	0.16	0.30	0.00	0.00	0
782	☐	440	2.50	16.98	0.17	43.24	ceeds Capac	0 - 00:01 hrs	9.04	9.04	2.55	1.00	-26.26	0.86	1.48	23.97	23.98	23.97	0.03	0.02	69
783	☐	441	2.50	31.55	0.59	63.61	Backwater	0 - 00:01 hrs	15.27	15.27	2.02	1.00	-32.06	0.87	0.98	23.98	23.98	23.99	0.02	0.00	70
784	☐	442	2.50	18.59	0.21	31.08	ceeds Capac	0 - 00:02 hrs	6.56	16.12	1.67	1.00	-12.50	0.85	2.25	23.96	23.96	23.96	0.01	0.47	72

FUTURE CONDITIONS 5-YR 24-HR CLIMATE CHANGE CONDUITS

		ID	Full Depth (ft)	Full Flow (cfs)	Percent Slope (%)	Maximum Flow (cfs)	Maximum Flow Class	Max.Flow Day-Time (day-time)	Velocity at Maximum Flow (ft/s)	Maximum Velocity (ft/s)	Max.Flow/Fu ll Flow	Max.Depth/F ull Depth	Reserve Capacity (cfs)	Total Flow Volume (MG)	Maximum Top Width (ft)	Both End Surcharge Time (hrs)	Upstream Surcharge Time (hrs)	Downstream Surcharge Time (hrs)	Above Full-Flow Time (hrs)	Capacity Limited Time (hrs)	Instability Index
785	☐	443	2.00	10.73	0.23	13.48	Backwater	0 - 00:04 hrs	4.59	6.49	1.26	1.00	-2.75	0.84	1.92	23.92	23.92	23.95	0.08	0.00	63
786	☐	444	4.00	95.28	0.44	25.55	Backwater	0 - 00:04 hrs	2.95	2.96	0.27	1.00	69.73	1.18	3.98	1.70	1.70	23.93	0.00	0.00	88
787	☐	445	4.00	100.14	0.49	51.01	Backwater	0 - 00:03 hrs	4.50	4.60	0.51	1.00	49.13	1.15	3.86	23.92	23.92	23.97	0.00	0.00	94
788	☐	446	2.00	22.65	1.00	16.53	Backwater	0 - 10:03 hrs	5.26	5.26	0.73	1.00	6.12	0.72	1.64	0.41	0.41	23.98	0.00	0.00	43
789	☐	447	2.00	22.23	0.97	28.61	Backwater	0 - 00:01 hrs	9.43	9.43	1.29	1.00	-6.38	0.71	0.78	23.98	23.98	23.98	0.00	0.00	64
790	☐	448	2.00	26.24	1.35	54.04	Backwater	0 - 00:00 hrs	17.20	17.20	2.06	1.00	-27.80	0.70	0.78	23.99	23.99	23.99	0.00	0.00	69
791	☐	449	5.00	57.62	0.05	361.82	ceeds Capac	0 - 00:00 hrs	18.43	18.43	6.28	1.00	-304.20	17.27	1.96	23.99	23.99	24.00	2.46	2.28	47
792	☐	45	1.75	9.69	0.50	10.04	Backwater	0 - 09:59 hrs	4.73	4.86	1.04	1.00	-0.35	0.37	1.75	0.07	0.07	0.12	0.01	0.00	0
793	☐	450	5.00	158.38	0.37	167.39	ceeds Capac	0 - 09:59 hrs	8.52	8.52	1.06	1.00	-9.00	16.57	1.96	23.96	23.96	23.99	0.33	0.32	16
794	☐	451	5.00	105.80	0.17	131.30	ceeds Capac	0 - 10:15 hrs	6.69	6.69	1.24	1.00	-25.49	13.84	4.94	23.91	23.91	23.93	0.72	0.68	87
795	☐	452	5.00	99.96	0.15	115.67	ceeds Capac	0 - 10:15 hrs	5.89	5.89	1.16	1.00	-15.71	12.50	4.98	1.71	1.71	2.36	0.59	0.61	8
796	☐	453	5.00	122.14	0.22	115.67	Backwater	0 - 10:15 hrs	5.89	5.89	0.95	1.00	6.47	12.54	5.00	1.37	1.37	1.71	0.00	0.05	9
797	☐	454	5.00	111.77	0.18	115.66	ceeds Capac	0 - 10:15 hrs	5.89	5.89	1.03	1.00	-3.89	12.41	4.97	2.89	2.89	23.84	0.19	0.25	28
798	☐	455	5.00	134.73	0.27	131.32	Backwater	0 - 10:15 hrs	6.69	6.69	0.97	1.00	3.41	13.89	4.95	23.81	23.81	23.91	0.00	0.06	83
799	☐	456	2.00	22.05	0.95	18.73	Backwater	0 - 09:53 hrs	5.96	5.96	0.85	1.00	3.32	1.56	1.91	23.82	23.82	23.92	0.00	0.00	83
800	☐	457	2.00	8.44	0.14	18.89	Backwater	0 - 09:52 hrs	6.01	6.01	2.24	1.00	-10.45	1.56	2.00	23.82	23.82	23.82	1.09	4.75	93
801	☐	458	2.00	12.96	0.33	18.76	ceeds Capac	0 - 09:53 hrs	5.97	5.97	1.45	1.00	-5.79	1.57	2.00	2.51	2.51	23.78	0.62	0.63	73
802	☐	459	2.00	16.25	0.52	18.76	ceeds Capac	0 - 09:53 hrs	5.97	5.97	1.15	1.00	-2.51	1.57	2.00	1.58	1.58	2.61	0.09	0.10	10
803	☐	46	1.50	1.02	0.01	8.04	Backwater	0 - 09:48 hrs	4.55	4.55	7.87	1.00	-7.02	1.03	1.50	2.30	2.30	2.52	13.85	0.00	15
804	☐	460	2.00	29.83	1.74	4.68	Backwater	0 - 09:52 hrs	1.75	1.75	0.16	1.00	25.15	0.00	2.00	0.61	0.61	1.50	0.00	0.00	9
805	☐	461	3.50	29.22	0.08	59.23	ceeds Capac	0 - 00:03 hrs	6.39	6.74	2.03	1.00	-30.01	9.23	1.37	23.93	23.93	24.00	1.84	1.75	74
806	☐	462	1.50	6.06	0.44	9.15	Free Surface	0 - 09:59 hrs	5.47	5.47	1.51	0.90	-3.08	0.35	1.50	0.00	0.18	0.00	0.23	0.00	0
807	☐	463	2.50	36.88	0.81	33.32	Backwater	0 - 10:00 hrs	6.79	6.79	0.90	1.00	3.56	5.99	0.98	3.20	3.20	24.00	0.00	0.00	2
808	☐	464	1.25	3.58	0.41	7.48	ceeds Capac	0 - 09:51 hrs	6.09	6.09	2.09	1.00	-3.90	0.73	1.25	1.26	1.26	1.40	1.24	1.19	2
809	☐	465	1.50	5.14	0.32	7.48	ceeds Capac	0 - 09:51 hrs	4.23	4.23	1.46	1.00	-2.34	0.73	1.50	1.04	1.04	1.59	0.83	0.80	5
810	☐	466	1.75	11.91	0.75	12.85	Backwater	0 - 00:01 hrs	7.62	7.78	1.08	1.00	-0.93	0.73	0.69	0.88	0.88	23.98	0.00	0.00	5
811	☐	467	5.00	135.22	0.27	148.73	Backwater	0 - 00:01 hrs	7.74	7.79	1.10	1.00	-13.51	11.13	1.96	23.96	23.96	24.00	0.01	0.00	0
812	☐	468	5.00	158.88	0.37	125.46	Backwater	0 - 10:08 hrs	6.39	6.39	0.79	1.00	33.42	10.46	4.94	0.21	0.21	23.96	0.00	0.00	0
813	☐	469	5.00	123.46	0.22	68.83	Free Surface	0 - 10:10 hrs	3.53	4.47	0.56	0.98	54.63	3.99	5.00	0.00	0.00	0.21	0.00	0.00	0
814	☐	47	1.50	5.97	0.43	8.04	ceeds Capac	0 - 09:48 hrs	4.55	4.55	1.35	1.00	-2.07	1.03	1.50	2.13	2.13	2.52	0.36	0.35	10
815	☐	470	5.00	124.54	0.23	68.22	Free Surface	0 - 10:08 hrs	3.70	3.70	0.55	0.89	56.32	4.03	5.00	0.00	0.00	0.00	0.00	0.00	0
816	☐	471	5.00	115.86	0.20	68.22	Free Surface	0 - 10:07 hrs	4.17	4.65	0.59	0.78	47.63	4.03	5.00	0.00	0.00	0.00	0.00	0.00	0
817	☐	472	5.00	123.91	0.23	69.46	Free Surface	0 - 10:06 hrs	4.96	5.79	0.56	0.68	54.44	4.04	5.00	0.00	0.00	0.00	0.00	0.00	0
818	☐	473	5.00	130.84	0.25	71.97	Free Surface	0 - 10:04 hrs	6.24	6.51	0.55	0.59	58.87	4.04	5.00	0.00	0.00	0.00	0.00	0.00	0
819	☐	474	5.00	170.10	0.43	72.46	Free Surface	0 - 10:04 hrs	7.66	7.67	0.43	0.49	97.65	4.04	5.00	0.00	0.00	0.00	0.00	0.00	0
820	☐	475	4.00	173.56	1.46	38.02	Free Surface	0 - 10:06 hrs	6.86	6.88	0.22	0.46	135.55	2.24	3.98	0.00	0.00	0.00	0.00	0.00	0
821	☐	476	1.50	5.57	0.37	4.04	Free Surface	0 - 09:59 hrs	3.84	3.84	0.73	0.58	1.53	0.14	1.50	0.00	0.00	0.00	0.00	0.00	0
822	☐	477	2.25	19.58	0.40	8.57	Free Surface	0 - 10:06 hrs	4.12	4.12	0.44	0.52	11.01	0.37	2.25	0.00	0.00	0.00	0.00	0.00	0
823	☐	478	2.25	14.15	0.21	8.58	Free Surface	0 - 10:04 hrs	4.16	4.16	0.61	0.51	5.57	0.37	2.25	0.00	0.00	0.00	0.00	0.00	0
824	☐	479	2.00	14.09	0.39	8.71	Free Surface	0 - 10:04 hrs	4.33	4.53	0.62	0.61	5.38	0.37	2.00	0.00	0.00	0.00	0.00	0.00	0
825	☐	48	1.50	6.12	0.45	8.04	ceeds Capac	0 - 09:48 hrs	4.55	4.55	1.31	1.00	-1.92	1.03	1.50	1.83	1.83	2.13	0.08	0.16	10
826	☐	480	2.50	81.05	3.90	89.28	Backwater	0 - 00:00 hrs	18.19	18.19	1.10	1.00	-8.23	0.49	0.98	23.99	23.99	24.00	0.00	0.01	0
827	☐	481	2.50	25.25	0.38	31.72	Backwater	0 - 00:01 hrs	6.46	6.46	1.26	1.00	-6.47	0.50	0.98	23.97	23.97	23.99	0.01	0.00	0
828	☐	482	2.50	17.00	0.17	12.01	Free Surface	0 - 10:04 hrs	4.43	4.43	0.71	0.54	4.99	0.51	2.50	0.00	0.00	0.00	0.00	0.00	0
829	☐	483	2.00	10.45	0.21	1.90	Free Surface	0 - 10:04 hrs	1.64	1.66	0.18	0.40	8.54	0.07	1.98	0.00	0.00	0.00	0.00	0.00	0
830	☐	484	2.00	8.30	0.13	1.97	Free Surface	0 - 09:59 hrs	2.48	2.48	0.24	0.30	6.33	0.07	1.84	0.00	0.00	0.00	0.00	0.00	0
831	☐	485	2.00	12.80	0.32	1.97	Free Surface	0 - 09:59 hrs	3.09	3.09	0.15	0.26	10.83	0.07	1.82	0.00	0.00	0.00	0.00	0.00	0
832	☐	486	2.50	14.24	0.12	12.98	Backwater	0 - 10:45 hrs	2.64	2.64	0.91	1.00	1.26	1.87	2.50	2.76	2.76	4.40	0.00	0.01	10
833	☐	487	2.50	16.70	0.17	12.98	Backwater	0 - 10:45 hrs	2.64	2.64	0.78	1.00	3.73	1.86	2.49	4.40	4.40	20.31	0.00	0.00	13

FUTURE CONDITIONS 5-YR 24-HR CLIMATE CHANGE CONDUITS

		ID	Full Depth (ft)	Full Flow (cfs)	Percent Slope (%)	Maximum Flow (cfs)	Maximum Flow Class	Max.Flow Day-Time (day-time)	Velocity at Maximum Flow (ft/s)	Maximum Velocity (ft/s)	Max.Flow/Fu ll Flow	Max.Depth/F ull Depth	Reserve Capacity (cfs)	Total Flow Volume (MG)	Maximum Top Width (ft)	Both End Surcharge Time (hrs)	Upstream Surcharge Time (hrs)	Downstream Surcharge Time (hrs)	Above Full-Flow Time (hrs)	Capacity Limited Time (hrs)	Instability Index
834	☐	488	2.75	36.58	0.48	22.24	Backwater	0 - 10:45 hrs	3.74	3.74	0.61	1.00	14.34	5.39	2.74	2.50	2.50	23.84	0.00	0.00	47
835	☐	489	2.50	54.60	1.77	33.23	Backwater	0 - 10:07 hrs	6.77	6.77	0.61	1.00	21.37	2.32	2.50	0.31	0.31	1.63	0.00	0.00	2
836	☐	49	1.50	4.88	0.29	6.00	ceeds Capac	0 - 09:47 hrs	3.45	3.46	1.23	1.00	-1.12	0.89	1.50	1.11	1.26	1.11	1.00	0.72	1
837	☐	490	2.50	19.57	0.23	33.21	ceeds Capac	0 - 10:00 hrs	6.77	6.77	1.70	1.00	-13.64	2.32	2.50	1.69	1.69	1.98	0.61	0.60	6
838	☐	491	2.50	34.82	0.72	35.33	Backwater	0 - 09:56 hrs	7.51	8.09	1.01	1.00	-0.51	2.32	2.50	0.25	0.25	0.30	0.01	0.00	2
839	☐	492	2.75	20.10	0.14	17.68	Backwater	0 - 10:25 hrs	2.98	2.98	0.88	1.00	2.42	1.76	2.74	1.92	1.92	23.68	0.00	0.00	11
840	☐	493	2.50	15.14	0.14	17.69	ceeds Capac	0 - 10:25 hrs	3.60	3.60	1.17	1.00	-2.55	1.78	2.47	1.90	1.90	3.07	0.21	0.30	6
841	☐	494	2.50	29.34	0.51	19.33	Backwater	0 - 09:52 hrs	3.94	3.94	0.66	1.00	10.01	1.93	2.50	1.02	1.02	1.90	0.00	0.00	9
842	☐	495	2.50	15.51	0.14	19.35	ceeds Capac	0 - 09:53 hrs	3.94	3.94	1.25	1.00	-3.84	1.93	2.50	0.96	0.96	1.02	0.66	0.63	6
843	☐	496	2.50	16.43	0.16	19.35	ceeds Capac	0 - 10:18 hrs	3.94	3.94	1.18	1.00	-2.91	1.93	2.50	0.93	0.93	0.96	0.62	0.55	6
844	☐	497	2.00	8.96	0.16	19.31	ceeds Capac	0 - 10:07 hrs	6.15	6.15	2.16	1.00	-10.35	1.93	2.00	1.13	1.14	1.13	1.30	1.12	6
845	☐	498	2.00	10.99	0.24	19.33	ceeds Capac	0 - 10:07 hrs	6.15	6.15	1.76	1.00	-8.35	1.93	2.00	0.97	0.97	1.00	0.93	0.92	5
846	☐	499	2.00	3.76	0.03	19.48	ceeds Capac	0 - 09:52 hrs	6.20	6.20	5.18	1.00	-15.72	1.93	2.00	0.97	1.00	0.97	4.47	0.96	7
847	☐	5	3.50	25.27	0.06	74.06	ceeds Capac	0 - 00:00 hrs	10.43	10.43	2.93	1.00	-48.80	6.58	2.27	3.02	3.02	23.97	1.76	1.71	11
848	☐	50	1.25	2.68	0.23	6.38	ceeds Capac	0 - 09:45 hrs	5.20	5.20	2.38	1.00	-3.70	0.89	1.25	1.41	2.37	1.41	3.32	1.41	7
849	☐	500	2.00	18.66	0.68	23.24	ceeds Capac	0 - 10:04 hrs	7.40	7.40	1.25	1.00	-4.58	1.98	2.00	0.94	0.94	1.00	0.54	0.55	3
850	☐	501	2.00	8.89	0.15	10.89	ceeds Capac	0 - 10:26 hrs	3.47	3.47	1.22	1.00	-1.99	1.11	1.99	1.36	1.36	1.54	0.33	0.37	7
851	☐	502	2.00	5.55	0.06	10.88	ceeds Capac	0 - 10:26 hrs	3.46	3.46	1.96	1.00	-5.33	1.08	2.00	2.47	2.47	2.82	1.10	1.05	7
852	☐	503	2.00	6.16	0.07	10.88	ceeds Capac	0 - 10:26 hrs	3.46	3.46	1.77	1.00	-4.72	1.07	1.99	2.82	2.82	16.58	0.90	0.90	6
853	☐	504	3.00	26.24	0.15	19.00	Backwater	0 - 10:08 hrs	2.69	2.72	0.72	1.00	7.23	1.92	2.99	23.48	23.48	23.78	0.00	0.00	6
854	☐	505	5.00	97.00	0.14	88.31	Backwater	0 - 00:07 hrs	6.08	6.30	0.91	1.00	8.69	6.61	4.97	23.67	23.67	23.85	0.00	0.02	54
855	☐	506	5.00	80.21	0.09	95.84	ceeds Capac	0 - 00:05 hrs	5.32	5.39	1.19	1.00	-15.63	6.55	4.93	23.84	23.84	23.88	0.23	0.22	63
856	☐	507	5.00	115.08	0.20	122.65	Backwater	0 - 00:03 hrs	9.78	10.00	1.07	1.00	-7.58	6.44	4.61	23.88	23.88	23.93	0.02	0.00	72
857	☐	508	5.00	83.59	0.10	179.01	ceeds Capac	0 - 00:02 hrs	9.33	9.71	2.14	1.00	-95.42	6.42	4.91	23.93	23.93	23.95	0.23	0.48	78
858	☐	509	2.50	63.09	2.37	38.87	Backwater	0 - 00:00 hrs	8.13	8.13	0.62	1.00	24.22	2.48	0.98	23.99	23.99	24.00	0.00	0.00	3
859	☐	51	1.75	7.88	0.33	8.64	ceeds Capac	0 - 09:42 hrs	3.59	3.59	1.10	1.00	-0.76	1.79	1.75	1.99	1.99	2.13	0.86	0.61	11
860	☐	510	2.00	22.95	1.03	37.56	ceeds Capac	0 - 09:59 hrs	11.95	11.95	1.64	1.00	-14.61	2.48	0.78	1.34	1.34	23.99	0.55	0.55	3
861	☐	511	3.50	25.40	0.06	69.08	ceeds Capac	0 - 10:03 hrs	7.18	7.18	2.72	1.00	-43.68	6.61	3.19	1.86	1.87	2.08	1.72	1.63	11
862	☐	512	2.75	35.59	0.45	69.11	ceeds Capac	0 - 10:03 hrs	11.64	11.64	1.94	1.00	-33.53	6.62	2.61	3.60	3.60	23.96	1.07	1.09	8
863	☐	513	4.50	83.34	0.18	90.97	ceeds Capac	0 - 10:03 hrs	5.72	5.72	1.09	1.00	-7.63	9.31	4.50	1.09	1.09	1.22	0.25	0.25	5
864	☐	514	4.50	114.95	0.34	54.32	Backwater	0 - 10:36 hrs	3.42	5.22	0.47	1.00	60.64	7.07	4.50	0.79	0.79	1.03	0.00	0.00	4
865	☐	515	4.50	70.52	0.13	54.30	Backwater	0 - 10:36 hrs	3.41	3.89	0.77	1.00	16.22	7.06	4.50	1.03	1.03	1.09	0.00	0.01	4
866	☐	516	2.00	10.04	0.20	14.05	ceeds Capac	0 - 09:59 hrs	4.47	4.47	1.40	1.00	-4.01	2.11	2.00	1.41	1.41	1.43	1.34	1.25	11
867	☐	517	2.00	10.35	0.21	14.01	ceeds Capac	0 - 09:49 hrs	4.46	4.46	1.35	1.00	-3.66	2.11	2.00	1.43	1.43	1.66	1.31	1.27	10
868	☐	518	2.00	13.02	0.33	14.01	ceeds Capac	0 - 09:49 hrs	4.46	4.46	1.08	1.00	-0.98	2.11	2.00	1.66	1.66	1.95	0.97	0.72	13
869	☐	519	2.00	10.28	0.21	14.01	ceeds Capac	0 - 09:49 hrs	4.46	4.46	1.36	1.00	-3.73	2.10	1.86	1.95	1.95	4.01	1.32	1.32	12
870	☐	52	1.50	6.75	0.55	8.64	ceeds Capac	0 - 09:42 hrs	4.89	4.89	1.28	1.00	-1.89	1.79	1.50	2.33	2.35	2.33	1.91	1.68	13
871	☐	520	3.00	33.74	0.26	34.77	Backwater	0 - 00:04 hrs	5.61	5.61	1.03	1.00	-1.03	2.08	2.99	1.12	1.12	23.94	0.00	0.00	53
872	☐	521	4.00	56.80	0.16	31.79	Backwater	0 - 00:04 hrs	2.71	5.69	0.56	1.00	25.01	1.01	3.92	23.93	23.93	23.93	0.00	0.38	74
873	☐	522	4.00	54.87	0.15	71.39	Backwater	0 - 00:03 hrs	6.06	6.35	1.30	1.00	-16.52	1.97	3.13	23.93	23.93	24.00	0.05	0.00	44
874	☐	523	2.00	11.49	0.26	14.00	Free Surface	0 - 09:49 hrs	4.54	5.67	1.22	0.98	-2.50	2.10	2.00	0.00	0.00	5.04	1.16	0.00	11
875	☐	524	3.00	11.29	0.03	16.87	ceeds Capac	0 - 00:06 hrs	2.41	3.76	1.49	1.00	-5.58	2.09	2.81	1.11	1.16	1.12	1.19	1.08	1
876	☐	525	2.00	12.21	0.29	17.88	ceeds Capac	0 - 09:59 hrs	5.69	5.69	1.46	1.00	-5.67	0.78	2.00	0.23	0.23	0.24	0.23	0.17	0
877	☐	526	2.00	12.17	0.29	17.89	ceeds Capac	0 - 09:59 hrs	5.69	5.69	1.47	1.00	-5.72	0.78	2.00	0.23	0.24	0.26	0.22	0.18	0
878	☐	527	2.00	12.44	0.30	17.88	ceeds Capac	0 - 09:59 hrs	5.69	5.86	1.44	1.00	-5.44	0.78	2.00	0.25	0.26	0.28	0.21	0.17	0
879	☐	528	2.00	17.55	0.60	17.90	ceeds Capac	0 - 09:59 hrs	5.70	6.12	1.02	1.00	-0.35	0.78	2.00	0.28	0.28	0.35	0.01	0.02	1
880	☐	529	2.00	25.81	1.30	15.01	Backwater	0 - 10:00 hrs	4.78	4.78	0.58	1.00	10.80	0.77	2.00	0.80	0.80	3.52	0.00	0.00	4
881	☐	53	1.50	3.61	0.16	8.63	ceeds Capac	0 - 09:42 hrs	4.88	4.88	2.39	1.00	-5.02	1.79	1.50	2.35	3.90	2.35	5.25	2.35	11
882	☐	530	2.00	17.69	0.61	17.89	ceeds Capac	0 - 09:59 hrs	5.69	6.12	1.01	1.00	-0.20	0.78	2.00	0.35	0.35	0.42	0.01	0.02	1

FUTURE CONDITIONS 5-YR 24-HR CLIMATE CHANGE CONDUITS

		ID	Full Depth (ft)	Full Flow (cfs)	Percent Slope (%)	Maximum Flow (cfs)	Maximum Flow Class	Max.Flow Day-Time (day-time)	Velocity at Maximum Flow (ft/s)	Maximum Velocity (ft/s)	Max.Flow/Fu ll Flow	Max.Depth/F ull Depth	Reserve Capacity (cfs)	Total Flow Volume (MG)	Maximum Top Width (ft)	Both End Surcharge Time (hrs)	Upstream Surcharge Time (hrs)	Downstream Surcharge Time (hrs)	Above Full-Flow Time (hrs)	Capacity Limited Time (hrs)	Instability Index
883	☐	531	2.00	19.03	0.71	17.89	Backwater	0 - 09:59 hrs	5.69	5.89	0.94	1.00	1.14	0.78	2.00	0.42	0.42	0.80	0.00	0.00	1
884	☐	532	3.50	40.15	0.16	53.57	Free Surface	0 - 09:59 hrs	5.90	5.91	1.33	0.95	-13.42	2.32	3.50	0.00	0.03	0.00	0.22	0.00	1
885	☐	533	2.00	24.99	1.22	33.38	ceeds Capac	0 - 09:59 hrs	10.63	10.63	1.34	1.00	-8.39	1.45	2.00	0.15	0.17	0.16	0.25	0.15	1
886	☐	534	2.00	12.33	0.30	9.18	Backwater	0 - 09:56 hrs	4.53	4.56	0.74	1.00	3.15	0.38	2.00	0.15	0.15	0.16	0.00	0.01	0
887	☐	535	3.25	21.11	0.07	55.39	ceeds Capac	0 - 09:59 hrs	6.71	6.71	2.62	1.00	-34.27	2.28	3.25	0.12	0.13	0.12	0.53	0.08	2
888	☐	536	2.00	23.91	1.12	33.37	ceeds Capac	0 - 09:59 hrs	10.62	10.62	1.40	1.00	-9.45	1.45	2.00	0.16	0.21	0.16	0.28	0.16	0
889	☐	537	2.00	23.37	1.07	33.36	ceeds Capac	0 - 09:59 hrs	10.62	10.62	1.43	1.00	-9.98	1.45	2.00	0.21	0.25	0.21	0.28	0.21	0
890	☐	538	2.00	11.87	0.28	9.00	Backwater	0 - 10:02 hrs	2.86	3.74	0.76	1.00	2.87	0.38	2.00	0.17	0.17	0.20	0.00	0.00	0
891	☐	539	3.50	66.50	0.44	63.90	Free Surface	0 - 10:00 hrs	7.42	7.48	0.96	0.92	2.61	2.80	3.50	0.00	0.00	0.00	0.00	0.00	0
892	☐	54	1.50	4.62	0.26	4.50	Backwater	0 - 09:30 hrs	2.55	2.55	0.97	1.00	0.12	1.01	1.50	3.20	3.20	3.90	0.00	0.04	16
893	☐	540	3.50	58.55	0.34	63.00	Free Surface	0 - 10:00 hrs	7.07	7.11	1.08	0.94	-4.44	2.80	3.50	0.00	0.00	0.00	0.13	0.00	0
894	☐	541	2.75	18.57	0.12	23.63	Backwater	0 - 09:53 hrs	4.02	4.03	1.27	1.00	-5.06	1.79	2.75	2.77	2.77	2.90	0.01	0.06	20
895	☐	542	2.75	19.78	0.14	12.52	Backwater	0 - 10:30 hrs	2.11	2.11	0.63	1.00	7.25	1.60	2.75	10.64	10.64	14.10	0.00	0.00	48
896	☐	543	5.50	184.06	0.30	209.38	ceeds Capac	0 - 10:04 hrs	8.81	8.81	1.14	1.00	-25.33	23.27	5.50	0.78	0.78	0.83	0.30	0.28	3
897	☐	544	6.00	193.56	0.21	233.00	ceeds Capac	0 - 10:03 hrs	8.24	8.24	1.20	1.00	-39.44	24.45	6.00	0.74	0.74	0.76	0.35	0.38	4
898	☐	545	6.00	251.84	0.35	263.41	ceeds Capac	0 - 10:03 hrs	9.32	9.32	1.05	1.00	-11.57	26.03	6.00	0.76	0.76	0.86	0.10	0.11	3
899	☐	546	6.00	189.54	0.20	228.30	ceeds Capac	0 - 10:00 hrs	8.07	8.07	1.20	1.00	-38.77	26.03	6.00	0.86	0.86	0.86	0.82	0.63	5
900	☐	547	6.00	189.39	0.20	258.33	ceeds Capac	0 - 10:00 hrs	9.14	9.14	1.36	1.00	-68.95	29.00	6.00	0.83	0.86	0.83	1.02	0.82	5
901	☐	548	6.00	229.37	0.29	258.31	ceeds Capac	0 - 10:00 hrs	9.14	9.14	1.13	1.00	-28.94	28.98	6.00	0.83	0.83	0.90	0.03	0.06	4
902	☐	549	4.00	67.40	0.22	92.94	ceeds Capac	0 - 09:59 hrs	7.40	7.40	1.38	1.00	-25.54	5.73	4.00	3.28	3.28	3.93	0.35	0.33	22
903	☐	55	1.50	2.03	0.05	4.51	ceeds Capac	0 - 09:32 hrs	2.55	2.55	2.22	1.00	-2.48	1.01	1.50	3.20	3.25	3.20	5.32	2.27	24
904	☐	550	4.00	67.52	0.22	92.80	ceeds Capac	0 - 09:59 hrs	7.39	7.39	1.37	1.00	-25.28	5.73	4.00	2.99	2.99	3.12	0.36	0.44	22
905	☐	551	3.50	47.42	0.22	92.80	ceeds Capac	0 - 09:59 hrs	9.65	9.65	1.96	1.00	-45.38	5.72	3.50	2.67	2.68	3.37	0.61	0.57	14
906	☐	552	3.50	46.38	0.21	92.84	ceeds Capac	0 - 09:59 hrs	9.65	9.65	2.00	1.00	-46.45	5.72	3.50	2.62	2.62	2.68	0.63	0.89	17
907	☐	553	3.50	44.60	0.20	92.79	ceeds Capac	0 - 09:59 hrs	9.64	9.64	2.08	1.00	-48.19	5.71	3.50	2.38	2.39	2.62	0.68	0.65	16
908	☐	554	2.25	24.27	0.61	38.38	ceeds Capac	0 - 09:56 hrs	9.65	9.65	1.58	1.00	-14.10	2.99	2.25	1.57	1.57	4.00	0.69	0.69	17
909	☐	555	2.00	20.21	0.80	15.41	Backwater	0 - 09:52 hrs	4.90	4.90	0.76	1.00	4.80	1.17	2.00	0.96	0.96	1.24	0.00	0.00	3
910	☐	556	2.25	23.68	0.58	38.37	ceeds Capac	0 - 09:56 hrs	9.65	9.65	1.62	1.00	-14.69	3.00	2.25	1.38	1.38	1.57	0.72	0.69	9
911	☐	557	2.25	21.80	0.50	38.38	ceeds Capac	0 - 09:56 hrs	9.65	9.65	1.76	1.00	-16.58	3.00	2.25	1.19	1.19	1.38	0.80	0.81	7
912	☐	558	3.50	44.93	0.20	66.41	ceeds Capac	0 - 09:57 hrs	6.90	6.90	1.48	1.00	-21.48	4.38	3.50	2.17	2.17	2.39	0.45	0.45	14
913	☐	559	2.50	22.73	0.31	40.22	ceeds Capac	0 - 09:56 hrs	8.19	8.19	1.77	1.00	-17.49	2.82	2.50	2.61	2.61	2.82	0.68	0.71	17
914	☐	56	1.50	4.33	0.23	4.50	ceeds Capac	0 - 09:30 hrs	2.54	2.54	1.04	1.00	-0.17	1.01	1.50	3.08	3.08	3.25	0.05	0.58	24
915	☐	560	2.50	22.37	0.30	40.20	ceeds Capac	0 - 09:56 hrs	8.19	8.19	1.80	1.00	-17.84	2.82	2.50	2.49	2.49	2.61	0.69	0.76	17
916	☐	561	2.50	22.63	0.30	40.18	ceeds Capac	0 - 09:56 hrs	8.18	8.18	1.78	1.00	-17.55	2.82	2.50	2.36	2.36	2.49	0.68	0.74	16
917	☐	562	2.50	43.63	1.13	40.18	Backwater	0 - 09:56 hrs	8.19	8.19	0.92	1.00	3.45	2.82	2.50	1.84	1.84	2.36	0.00	0.01	13
918	☐	563	2.50	24.86	0.37	40.16	ceeds Capac	0 - 09:56 hrs	8.18	8.18	1.62	1.00	-15.30	2.83	2.50	0.83	0.83	0.85	0.62	0.57	4
919	☐	564	2.50	25.36	0.38	22.29	Backwater	0 - 09:56 hrs	4.54	4.74	0.88	1.00	3.08	1.72	2.50	0.66	0.66	0.83	0.00	0.00	2
920	☐	565	2.50	20.15	0.24	30.12	ceeds Capac	0 - 09:55 hrs	6.16	6.42	1.49	1.00	-9.96	1.76	2.50	0.63	0.64	0.66	0.12	0.13	3
921	☐	566	3.50	19.25	0.10	47.04	ceeds Capac	0 - 10:03 hrs	4.93	5.06	2.44	1.00	-27.78	5.71	3.50	0.20	1.23	0.20	2.98	0.20	5
922	☐	569	4.50	360.06	3.35	157.77	Backwater	0 - 09:57 hrs	12.65	12.65	0.44	1.00	202.29	30.09	4.50	0.76	0.76	1.83	0.00	0.00	9
923	☐	57	1.50	2.78	0.09	4.49	Backwater	0 - 09:32 hrs	2.54	2.54	1.62	1.00	-1.72	1.01	1.50	3.08	3.08	3.19	3.87	0.38	23
924	☐	571	4.50	92.80	0.22	167.14	ceeds Capac	0 - 09:57 hrs	10.51	10.51	1.80	1.00	-74.34	12.50	4.50	1.77	1.77	1.83	1.71	1.71	9
925	☐	572	4.50	150.56	0.59	167.16	ceeds Capac	0 - 09:57 hrs	10.51	10.51	1.11	1.00	-16.60	12.51	4.50	1.52	1.52	1.85	0.18	0.24	10
926	☐	573	4.50	191.84	0.95	167.17	Backwater	0 - 09:57 hrs	10.51	10.67	0.87	1.00	24.68	12.51	4.50	1.01	1.01	1.52	0.00	0.00	7
927	☐	574	4.50	35.32	0.03	167.13	Backwater	0 - 09:57 hrs	10.51	10.51	4.73	1.00	-131.81	12.51	4.50	1.77	1.77	1.85	3.31	0.00	11
928	☐	575	2.00	12.39	0.30	17.65	ceeds Capac	0 - 09:52 hrs	5.62	5.62	1.42	1.00	-5.26	1.33	2.00	0.61	0.62	0.64	0.32	0.29	1
929	☐	576	2.50	19.72	0.23	16.49	Backwater	0 - 09:53 hrs	3.36	3.36	0.84	1.00	3.23	1.33	2.50	0.55	0.55	0.60	0.00	0.01	2
930	☐	577	2.50	19.25	0.22	29.07	ceeds Capac	0 - 09:53 hrs	5.93	5.96	1.51	1.00	-9.81	2.28	2.50	0.56	0.60	0.56	0.71	0.56	3
931	☐	578	2.50	18.73	0.21	28.77	ceeds Capac	0 - 09:55 hrs	5.94	6.22	1.54	1.00	-10.05	2.28	2.50	0.47	0.56	0.47	0.73	0.47	2

FUTURE CONDITIONS 5-YR 24-HR CLIMATE CHANGE CONDUITS

		ID	Full Depth (ft)	Full Flow (cfs)	Percent Slope (%)	Maximum Flow (cfs)	Maximum Flow Class	Max.Flow Day-Time (day-time)	Velocity at Maximum Flow (ft/s)	Maximum Velocity (ft/s)	Max.Flow/Fu ll Flow	Max.Depth/F ull Depth	Reserve Capacity (cfs)	Total Flow Volume (MG)	Maximum Top Width (ft)	Both End Surcharge Time (hrs)	Upstream Surcharge Time (hrs)	Downstream Surcharge Time (hrs)	Above Full-Flow Time (hrs)	Capacity Limited Time (hrs)	Instability Index
932	☐	579	2.00	10.15	0.20	16.32	ceeds Capac	0 - 10:12 hrs	5.19	5.19	1.61	1.00	-6.16	1.61	2.00	0.98	0.99	0.98	1.07	0.96	2
933	☐	58	1.50	4.98	0.30	4.52	Backwater	0 - 09:32 hrs	2.56	2.56	0.91	1.00	0.46	1.01	1.50	2.97	2.97	3.19	0.00	0.13	23
934	☐	580	2.00	10.28	0.21	16.16	ceeds Capac	0 - 09:52 hrs	5.14	5.14	1.57	1.00	-5.88	1.58	2.00	0.97	0.98	0.97	1.07	0.96	1
935	☐	581	2.00	10.12	0.20	16.16	ceeds Capac	0 - 09:52 hrs	5.15	5.21	1.60	1.00	-6.05	1.52	2.00	0.96	0.97	0.96	1.09	0.89	6
936	☐	582	2.25	13.85	0.20	12.36	Backwater	0 - 10:37 hrs	3.11	3.45	0.89	1.00	1.50	1.52	2.25	0.89	0.89	0.97	0.00	0.10	6
937	☐	583	2.25	13.85	0.20	12.36	Backwater	0 - 10:37 hrs	3.11	3.11	0.89	1.00	1.49	1.52	2.25	0.97	0.97	1.09	0.00	0.01	6
938	☐	584	2.00	7.92	0.35	39.28	ceeds Capac	0 - 00:00 hrs	13.14	13.14	4.96	1.00	-31.35	2.69	0.78	23.99	23.99	24.00	2.84	2.73	63
939	☐	585	2.50	12.17	0.09	12.95	ceeds Capac	0 - 09:48 hrs	2.64	2.64	1.06	1.00	-0.79	1.74	2.50	18.46	18.46	18.63	0.24	2.20	76
940	☐	586	2.00	10.68	0.19	8.31	Backwater	0 - 09:59 hrs	2.71	2.71	0.78	1.00	2.37	0.33	2.00	13.96	13.96	13.97	0.00	0.28	56
941	☐	587	4.00	189.57	1.74	49.58	Free Surface	0 - 09:59 hrs	5.50	5.50	0.26	0.67	139.99	3.36	4.00	0.00	0.00	0.86	0.00	0.00	0
942	☐	588	4.00	82.69	0.95	173.87	ceeds Capac	0 - 09:59 hrs	13.84	13.84	2.10	1.00	-91.18	10.47	1.94	0.85	0.85	24.00	0.70	0.85	1
943	☐	589	3.00	67.80	1.03	62.33	Free Surface	0 - 10:00 hrs	10.88	10.88	0.92	0.76	5.47	3.74	3.00	0.00	0.00	0.00	0.00	0.00	0
944	☐	59	1.50	4.20	0.21	4.51	ceeds Capac	0 - 09:32 hrs	2.55	2.68	1.07	1.00	-0.31	1.01	1.50	2.80	2.80	2.97	0.26	0.56	19
945	☐	590	3.00	31.49	0.22	50.70	Backwater	0 - 00:00 hrs	7.28	7.33	1.61	1.00	-19.21	1.25	1.18	23.99	23.99	24.00	0.01	0.00	0
946	☐	591	2.00	11.88	0.28	11.28	Backwater	0 - 00:02 hrs	4.04	4.63	0.95	1.00	0.61	0.24	1.75	23.94	23.94	23.99	0.00	0.00	0
947	☐	592	2.00	13.01	0.33	6.15	Free Surface	0 - 10:00 hrs	2.31	2.31	0.47	0.79	6.86	0.25	1.99	0.00	0.00	23.94	0.00	0.00	0
948	☐	593	2.00	12.11	0.29	6.59	Free Surface	0 - 09:59 hrs	3.73	3.74	0.54	0.55	5.52	0.25	2.00	0.00	0.00	0.00	0.00	0.00	0
949	☐	594	2.00	19.26	0.72	29.41	Backwater	0 - 00:00 hrs	9.49	9.49	1.53	1.00	-10.16	0.24	0.78	23.99	23.99	24.00	0.00	0.00	0
950	☐	595	4.00	76.30	0.28	110.34	Free Surface	0 - 10:03 hrs	9.59	9.59	1.45	0.86	-34.05	11.39	3.99	0.00	0.00	0.00	0.70	0.00	0
951	☐	596	4.00	150.18	1.09	110.35	Free Surface	0 - 10:03 hrs	10.46	10.47	0.73	0.78	39.83	11.38	4.00	0.00	0.00	0.00	0.00	0.00	0
952	☐	597	4.00	110.37	0.59	110.37	Free Surface	0 - 10:02 hrs	10.64	10.67	1.00	0.77	-0.00	11.39	4.00	0.00	0.00	0.00	0.00	0.00	0
953	☐	598	4.00	118.18	0.68	110.46	Free Surface	0 - 10:00 hrs	9.88	10.37	0.93	0.83	7.72	11.39	4.00	0.00	0.00	0.00	0.00	0.00	0
954	☐	599	4.00	95.10	0.44	110.60	Free Surface	0 - 09:59 hrs	9.58	9.71	1.16	0.87	-15.49	11.40	4.00	0.00	0.00	0.00	0.41	0.00	0
955	☐	6	3.50	25.87	0.07	69.12	ceeds Capac	0 - 10:03 hrs	7.18	7.83	2.67	1.00	-43.25	6.59	3.22	2.44	2.45	3.02	1.70	1.53	13
956	☐	60	1.50	2.98	0.11	4.53	ceeds Capac	0 - 09:32 hrs	2.56	2.56	1.52	1.00	-1.55	1.01	1.50	2.80	2.84	2.80	3.77	2.38	18
957	☐	600	4.00	107.62	0.56	110.97	Free Surface	0 - 09:59 hrs	9.05	9.35	1.03	0.95	-3.34	11.40	4.00	0.00	0.00	0.00	0.20	0.00	0
958	☐	601	4.00	77.23	0.29	107.23	Free Surface	0 - 09:56 hrs	9.46	9.49	1.39	0.97	-30.00	11.19	4.00	0.00	0.42	0.00	0.65	0.00	0
959	☐	602	4.00	64.05	0.20	107.76	ceeds Capac	0 - 09:56 hrs	8.59	8.63	1.68	1.00	-43.71	11.05	4.00	0.42	0.53	0.42	0.94	0.42	2
960	☐	603	4.00	63.30	0.19	107.75	ceeds Capac	0 - 09:56 hrs	8.57	8.57	1.70	1.00	-44.44	11.06	4.00	0.53	0.58	0.53	0.96	0.53	3
961	☐	604	4.00	74.60	0.27	107.80	ceeds Capac	0 - 09:56 hrs	8.58	8.58	1.44	1.00	-33.20	11.07	4.00	0.58	0.60	0.58	0.68	0.58	2
962	☐	605	4.00	67.09	0.22	107.81	ceeds Capac	0 - 09:56 hrs	8.58	8.58	1.61	1.00	-40.73	11.07	4.00	0.60	0.64	0.60	0.84	0.60	2
963	☐	607	4.00	31.76	0.14	25.69	Free Surface	0 - 00:04 hrs	2.70	3.05	0.81	0.95	6.07	2.12	3.79	0.00	0.00	24.00	0.00	0.00	0
964	☐	608	6.00	207.61	0.24	26.71	Backwater	0 - 12:37 hrs	0.94	1.15	0.13	1.00	180.90	2.19	6.00	19.51	19.51	20.30	0.00	0.00	83
965	☐	609	2.00	15.12	0.45	20.76	ceeds Capac	0 - 09:59 hrs	6.93	6.93	1.37	1.00	-5.64	0.85	2.00	0.03	0.14	0.03	0.20	0.03	0
966	☐	61	1.50	3.05	0.11	4.53	ceeds Capac	0 - 09:32 hrs	2.56	2.56	1.48	1.00	-1.48	1.01	1.50	2.84	2.87	2.84	3.57	2.23	18
967	☐	610	2.00	16.74	0.55	18.94	Free Surface	0 - 10:03 hrs	6.41	6.41	1.13	0.89	-2.20	0.85	2.00	0.00	0.11	0.00	0.17	0.00	0
968	☐	611	3.50	138.50	1.90	117.31	Free Surface	0 - 09:59 hrs	16.15	16.15	0.85	0.71	21.19	11.71	3.50	0.00	0.00	0.00	0.00	0.00	0
969	☐	612	3.50	49.38	0.24	99.90	Free Surface	0 - 09:59 hrs	10.66	10.66	2.02	0.94	-50.52	10.87	3.50	0.00	1.11	0.00	1.55	0.00	2
970	☐	613	2.50	99.90	5.93	77.26	Free Surface	0 - 09:59 hrs	19.18	19.82	0.77	0.77	22.63	4.49	2.50	0.00	0.00	0.00	0.00	0.00	0
971	☐	614	4.00	124.53	0.75	130.70	Free Surface	0 - 10:03 hrs	11.31	11.34	1.05	0.87	-6.17	12.31	4.00	0.00	0.00	0.00	0.18	0.00	0
972	☐	615	4.00	114.10	0.63	130.86	Free Surface	0 - 10:00 hrs	10.75	10.79	1.15	0.93	-16.76	12.31	4.00	0.00	0.00	0.00	0.28	0.00	0
973	☐	616	4.00	106.76	0.55	131.19	Free Surface	0 - 10:00 hrs	10.46	10.46	1.23	1.00	-24.43	12.32	4.00	0.00	0.20	0.00	0.35	0.00	0
974	☐	617	4.00	285.00	3.94	132.74	Free Surface	0 - 09:59 hrs	20.66	21.97	0.47	0.53	152.26	12.32	4.00	0.00	0.00	0.00	0.00	0.00	0
975	☐	618	3.50	200.07	3.95	129.48	Free Surface	0 - 09:59 hrs	22.11	22.11	0.65	0.59	70.59	12.18	3.50	0.00	0.00	0.00	0.00	0.00	0
976	☐	619	3.50	138.51	1.90	116.53	Free Surface	0 - 10:04 hrs	16.13	16.13	0.84	0.70	21.97	11.71	3.50	0.00	0.00	0.00	0.00	0.00	0
977	☐	62	1.50	4.97	0.30	4.53	Backwater	0 - 09:32 hrs	2.56	2.59	0.91	1.00	0.44	1.01	1.50	2.71	2.71	2.87	0.00	0.02	16
978	☐	620	2.25	28.98	0.88	4.41	Free Surface	0 - 09:59 hrs	5.26	5.26	0.15	0.26	24.57	0.15	2.25	0.00	0.00	0.00	0.00	0.00	0
979	☐	621	1.50	12.21	1.80	4.83	Free Surface	0 - 09:59 hrs	6.50	6.50	0.40	0.44	7.38	0.16	1.50	0.00	0.00	0.00	0.00	0.00	0
980	☐	622	2.25	42.28	1.86	4.47	Free Surface	0 - 09:59 hrs	6.66	6.66	0.11	0.23	37.81	0.15	1.93	0.00	0.00	0.00	0.00	0.00	0

FUTURE CONDITIONS 5-YR 24-HR CLIMATE CHANGE CONDUITS

		ID	Full Depth (ft)	Full Flow (cfs)	Percent Slope (%)	Maximum Flow (cfs)	Maximum Flow Class	Max.Flow Day-Time (day-time)	Velocity at Maximum Flow (ft/s)	Maximum Velocity (ft/s)	Max.Flow/Fu ll Flow	Max.Depth/F ull Depth	Reserve Capacity (cfs)	Total Flow Volume (MG)	Maximum Top Width (ft)	Both End Surcharge Time (hrs)	Upstream Surcharge Time (hrs)	Downstream Surcharge Time (hrs)	Above Full-Flow Time (hrs)	Capacity Limited Time (hrs)	Instability Index
981	☐	623	4.00	89.45	0.39	93.30	ceeds Capac	0 - 10:11 hrs	7.42	7.42	1.04	1.00	-3.85	9.59	1.57	23.99	23.99	24.00	0.42	0.43	0
982	☐	624	3.00	137.89	4.27	124.87	Free Surface	0 - 10:03 hrs	19.08	19.08	0.91	0.87	13.02	9.85	2.29	0.00	0.00	23.81	0.00	0.00	0
983	☐	625	3.00	141.25	4.48	125.85	Free Surface	0 - 10:03 hrs	22.46	22.46	0.89	0.74	15.39	9.86	3.00	0.00	0.00	0.00	0.00	0.00	0
984	☐	626	3.50	100.61	1.00	113.21	Free Surface	0 - 10:06 hrs	11.95	11.99	1.13	0.96	-12.60	9.23	3.50	0.00	0.22	0.00	0.34	0.00	0
985	☐	627	3.00	102.39	2.36	113.70	ceeds Capac	0 - 10:03 hrs	16.08	16.08	1.11	1.00	-11.30	9.23	3.00	0.30	0.30	0.32	0.33	0.29	0
986	☐	628	3.00	101.29	2.31	105.32	ceeds Capac	0 - 10:06 hrs	14.90	15.77	1.04	1.00	-4.02	8.82	3.00	0.29	0.29	0.30	0.25	0.24	1
987	☐	629	4.00	124.63	0.75	99.15	Backwater	0 - 10:00 hrs	8.87	10.89	0.80	1.00	25.48	8.37	4.00	0.22	0.22	0.26	0.00	0.00	1
988	☐	63	1.50	8.99	0.97	4.53	Backwater	0 - 09:32 hrs	2.57	4.60	0.50	1.00	4.45	1.01	1.50	2.41	2.41	2.63	0.00	0.00	16
989	☐	630	4.00	83.76	0.34	85.19	Backwater	0 - 10:02 hrs	8.02	8.18	1.02	1.00	-1.43	7.38	4.00	0.14	0.14	0.15	0.02	0.01	0
990	☐	631	4.00	83.86	0.34	85.18	Backwater	0 - 10:03 hrs	7.06	7.76	1.02	1.00	-1.32	7.38	4.00	0.10	0.10	0.14	0.02	0.01	0
991	☐	632	4.00	83.90	0.34	75.06	Backwater	0 - 10:03 hrs	6.76	6.93	0.89	1.00	8.84	6.87	4.00	0.06	0.06	0.10	0.00	0.00	0
992	☐	633	4.00	74.64	0.27	75.97	Backwater	0 - 10:03 hrs	7.03	7.10	1.02	1.00	-1.33	6.87	4.00	0.02	0.02	0.06	0.00	0.00	0
993	☐	634	1.50	12.77	1.97	17.52	ceeds Capac	0 - 09:56 hrs	9.91	9.91	1.37	1.00	-4.76	0.86	1.50	0.35	0.35	0.41	0.28	0.27	1
994	☐	636	1.50	7.40	0.66	17.52	ceeds Capac	0 - 09:56 hrs	9.91	9.91	2.37	1.00	-10.12	0.86	1.50	0.17	0.54	0.17	0.61	0.17	1
995	☐	637	3.00	55.20	0.68	37.05	Free Surface	0 - 09:59 hrs	8.37	8.37	0.67	0.60	18.15	1.57	3.00	0.00	0.00	0.00	0.00	0.00	1
996	☐	638	2.25	22.09	0.51	37.09	ceeds Capac	0 - 09:55 hrs	9.48	9.48	1.68	1.00	-14.99	2.75	2.25	0.32	0.59	0.32	0.73	0.30	0
997	☐	639	2.25	18.97	0.38	36.75	ceeds Capac	0 - 09:56 hrs	9.24	9.24	1.94	1.00	-17.78	2.75	2.25	0.35	0.73	0.35	0.89	0.35	0
998	☐	64	2.50	56.73	1.91	17.78	Free Surface	0 - 10:08 hrs	10.22	10.22	0.31	0.38	38.95	2.68	2.50	0.00	0.00	0.00	0.00	0.00	1
999	☐	640	2.00	28.60	1.60	33.89	ceeds Capac	0 - 10:14 hrs	10.79	10.79	1.18	1.00	-5.29	2.62	2.00	0.68	0.68	0.78	0.30	0.31	1
1000	☐	641	2.00	35.66	2.48	41.65	ceeds Capac	0 - 10:04 hrs	13.26	13.26	1.17	1.00	-5.99	2.73	2.00	0.56	0.56	0.65	0.30	0.30	0
1001	☐	642	2.00	26.89	1.41	24.40	Backwater	0 - 09:55 hrs	7.77	9.04	0.91	1.00	2.49	1.82	2.00	0.45	0.45	0.52	0.00	0.00	1
1002	☐	643	2.00	19.70	0.76	22.82	ceeds Capac	0 - 09:59 hrs	7.26	7.34	1.16	1.00	-3.12	1.72	2.00	0.39	0.43	0.39	0.45	0.39	0
1003	☐	644	2.00	14.95	0.44	23.82	ceeds Capac	0 - 09:53 hrs	7.61	7.67	1.59	1.00	-8.87	1.42	2.00	0.36	0.43	0.36	0.38	0.19	0
1004	☐	645	2.00	10.88	0.23	17.73	ceeds Capac	0 - 09:53 hrs	5.64	5.64	1.63	1.00	-6.85	1.11	2.00	0.40	0.44	0.40	0.57	0.40	0
1005	☐	646	2.50	54.96	1.80	65.33	ceeds Capac	0 - 09:59 hrs	13.31	13.31	1.19	1.00	-10.38	4.59	2.50	0.20	0.31	0.20	0.41	0.20	1
1006	☐	647	2.50	58.23	2.02	65.33	ceeds Capac	0 - 09:59 hrs	13.31	13.48	1.12	1.00	-7.10	4.59	2.50	0.30	0.30	0.31	0.34	0.30	0
1007	☐	648	2.50	54.56	1.77	65.32	ceeds Capac	0 - 09:59 hrs	13.31	13.31	1.20	1.00	-10.76	4.59	2.50	0.28	0.34	0.28	0.41	0.28	0
1008	☐	649	1.50	13.20	2.10	7.75	Free Surface	0 - 10:03 hrs	5.27	5.67	0.59	0.78	5.45	0.33	1.50	0.00	0.00	0.32	0.00	0.00	0
1009	☐	65	1.33	3.96	0.35	5.89	Free Surface	0 - 10:00 hrs	4.60	4.60	1.49	0.86	-1.93	0.51	1.33	0.00	0.58	0.00	0.69	0.00	2
1010	☐	650	1.50	9.46	1.08	7.79	Free Surface	0 - 10:02 hrs	5.98	5.98	0.82	0.69	1.67	0.33	1.50	0.00	0.00	0.00	0.00	0.00	0
1011	☐	651	1.50	4.87	0.29	8.84	Free Surface	0 - 09:59 hrs	5.35	5.35	1.82	0.88	-3.97	0.34	1.50	0.00	0.26	0.00	0.29	0.00	0
1012	☐	652	1.50	4.94	0.29	3.53	Backwater	0 - 09:59 hrs	2.00	2.36	0.71	1.00	1.41	0.13	1.50	0.10	0.10	0.19	0.00	0.00	0
1013	☐	653	6.50	254.90	0.24	323.27	ceeds Capac	0 - 09:59 hrs	9.74	9.74	1.27	1.00	-68.37	43.10	6.50	0.54	0.73	0.54	1.16	0.53	1
1014	☐	654	6.50	273.98	0.27	433.02	Free Surface	0 - 10:03 hrs	13.45	13.64	1.58	0.99	-159.03	51.15	6.50	0.00	0.54	0.00	1.34	0.00	0
1015	☐	655	7.00	264.17	0.17	453.45	Free Surface	0 - 00:01 hrs	12.17	12.25	1.72	1.00	-189.28	52.73	4.67	0.00	1.65	0.00	1.65	1.65	1
1016	☐	656	6.00	180.61	0.18	318.00	ceeds Capac	0 - 10:04 hrs	11.25	11.25	1.76	1.00	-137.38	28.59	3.26	0.95	0.95	24.00	0.95	0.95	1
1017	☐	657	6.00	272.89	0.42	287.74	ceeds Capac	0 - 10:06 hrs	10.18	10.18	1.05	1.00	-14.85	27.07	5.12	0.34	0.34	0.95	0.06	0.05	1
1018	☐	658	6.00	202.82	0.23	249.59	ceeds Capac	0 - 10:06 hrs	8.83	8.83	1.23	1.00	-46.77	25.18	5.98	0.33	0.36	0.34	0.49	0.31	2
1019	☐	659	1.00	7.51	5.91	8.91	ceeds Capac	0 - 00:00 hrs	11.77	11.77	1.19	1.00	-1.41	4.81	0.39	23.99	23.99	23.99	12.13	12.15	22
1020	☐	66	1.33	3.07	0.21	5.89	ceeds Capac	0 - 09:56 hrs	4.22	4.22	1.92	1.00	-2.82	0.51	1.33	0.58	0.69	0.58	0.96	0.58	3
1021	☐	660	1.75	39.78	8.39	14.37	Free Surface	0 - 10:56 hrs	15.17	15.17	0.36	0.69	25.42	0.88	1.64	0.00	0.00	0.45	0.00	0.00	0
1022	☐	661	6.50	299.04	0.33	244.27	Backwater	0 - 10:03 hrs	7.36	7.36	0.82	1.00	54.78	19.54	6.50	0.16	0.16	0.30	0.00	0.00	2
1023	☐	662	6.50	229.60	0.19	243.53	ceeds Capac	0 - 10:03 hrs	7.34	7.67	1.06	1.00	-13.93	19.55	6.50	0.14	0.14	0.16	0.09	0.07	1
1024	☐	663	4.00	318.76	4.92	112.05	Free Surface	0 - 10:03 hrs	11.84	11.84	0.35	0.70	206.70	8.07	4.00	0.00	0.00	2.54	0.00	0.00	0
1025	☐	664	2.00	16.58	0.54	26.85	ceeds Capac	0 - 09:57 hrs	8.55	8.55	1.62	1.00	-10.28	1.65	2.00	0.42	0.45	0.42	0.50	0.42	1
1026	☐	665	2.00	17.26	0.58	26.84	ceeds Capac	0 - 09:57 hrs	8.54	8.54	1.56	1.00	-9.58	1.65	2.00	0.44	0.46	0.44	0.50	0.44	1
1027	☐	666	2.00	16.92	0.56	26.84	ceeds Capac	0 - 09:57 hrs	8.54	8.54	1.59	1.00	-9.92	1.65	2.00	0.42	0.44	0.42	0.52	0.42	2
1028	☐	667	2.00	17.16	0.58	26.86	ceeds Capac	0 - 09:57 hrs	8.59	8.72	1.57	1.00	-9.70	1.65	2.00	0.22	0.41	0.22	0.51	0.22	0
1029	☐	668	2.50	29.99	0.53	27.59	Backwater	0 - 10:11 hrs	5.91	6.98	0.92	1.00	2.40	1.64	2.50	0.18	0.18	0.22	0.00	0.00	0

FUTURE CONDITIONS 5-YR 24-HR CLIMATE CHANGE CONDUITS

		ID	Full Depth (ft)	Full Flow (cfs)	Percent Slope (%)	Maximum Flow (cfs)	Maximum Flow Class	Max.Flow Day-Time (day-time)	Velocity at Maximum Flow (ft/s)	Maximum Velocity (ft/s)	Max.Flow/Fu ll Flow	Max.Depth/F ull Depth	Reserve Capacity (cfs)	Total Flow Volume (MG)	Maximum Top Width (ft)	Both End Surcharge Time (hrs)	Upstream Surcharge Time (hrs)	Downstream Surcharge Time (hrs)	Above Full-Flow Time (hrs)	Capacity Limited Time (hrs)	Instability Index
1030	☐	669	2.50	41.34	1.02	39.38	Backwater	0 - 09:59 hrs	8.02	8.92	0.95	1.00	1.96	2.44	2.50	0.28	0.28	0.30	0.00	0.00	1
1031	☐	67	1.33	1.07	0.03	5.91	Backwater	0 - 09:56 hrs	4.23	4.23	5.53	1.00	-4.84	0.51	1.33	0.69	0.69	0.84	4.19	0.00	5
1032	☐	670	2.50	51.46	1.57	57.22	ceeds Capac	0 - 09:59 hrs	11.66	11.66	1.11	1.00	-5.75	3.23	2.50	0.30	0.30	0.35	0.15	0.14	1
1033	☐	671	2.50	55.04	1.80	57.25	ceeds Capac	0 - 09:59 hrs	11.66	11.66	1.04	1.00	-2.21	3.22	2.50	0.35	0.35	0.40	0.09	0.07	1
1034	☐	672	3.50	42.65	0.18	87.37	ceeds Capac	0 - 09:59 hrs	9.08	9.08	2.05	1.00	-44.72	4.54	3.50	0.38	0.40	0.38	0.50	0.38	0
1035	☐	673	3.50	51.58	0.26	87.40	ceeds Capac	0 - 09:59 hrs	9.08	9.08	1.69	1.00	-35.82	4.54	3.50	0.38	0.38	0.53	0.39	0.35	1
1036	☐	674	3.50	51.79	0.26	87.39	ceeds Capac	0 - 09:59 hrs	9.08	9.08	1.69	1.00	-35.60	4.55	3.50	0.52	0.53	1.54	0.38	0.34	4
1037	☐	675	3.50	56.33	0.31	87.41	ceeds Capac	0 - 09:59 hrs	9.09	9.09	1.55	1.00	-31.08	4.57	3.50	1.54	1.54	3.68	0.32	0.31	24
1038	☐	676	3.50	54.64	0.29	87.37	ceeds Capac	0 - 09:59 hrs	9.08	9.08	1.60	1.00	-32.74	4.58	3.50	5.36	5.36	7.91	0.32	0.35	40
1039	☐	677	3.50	48.75	0.23	87.39	ceeds Capac	0 - 09:59 hrs	9.08	9.08	1.79	1.00	-38.65	4.59	3.50	7.52	7.53	8.91	0.39	0.60	41
1040	☐	678	3.75	36.92	0.09	87.94	ceeds Capac	0 - 09:59 hrs	8.23	8.26	2.38	1.00	-51.03	4.60	3.03	7.32	7.40	8.16	0.62	0.62	41
1041	☐	679	5.50	109.82	0.31	249.55	Backwater	0 - 10:04 hrs	10.50	10.50	2.27	1.00	-139.73	25.21	5.49	0.49	0.49	0.71	1.53	0.00	2
1042	☐	68	1.33	6.09	0.84	5.90	Backwater	0 - 09:52 hrs	4.23	4.23	0.97	1.00	0.19	0.51	1.33	0.75	0.75	0.84	0.00	0.28	5
1043	☐	680	2.00	18.74	0.69	18.51	Backwater	0 - 09:56 hrs	5.89	5.89	0.99	1.00	0.23	1.13	2.00	1.06	1.06	1.61	0.00	0.00	5
1044	☐	681	2.00	15.07	0.44	22.21	ceeds Capac	0 - 09:56 hrs	7.10	7.14	1.47	1.00	-7.14	1.14	2.00	0.81	0.83	1.06	0.05	0.00	2
1045	☐	682	2.00	18.95	0.70	22.21	ceeds Capac	0 - 09:56 hrs	7.07	7.07	1.17	1.00	-3.26	1.16	2.00	0.50	0.50	0.83	0.02	0.01	0
1046	☐	683	1.50	3.56	0.15	0.72	Backwater	0 - 09:56 hrs	0.41	0.41	0.20	1.00	2.84	0.00	1.50	0.54	0.54	0.61	0.00	0.00	5
1047	☐	684	3.00	39.66	0.35	50.03	ceeds Capac	0 - 09:56 hrs	8.28	8.37	1.26	1.00	-10.37	4.05	3.00	1.11	1.11	1.13	0.10	0.28	5
1048	☐	685	3.00	47.60	0.51	48.17	Backwater	0 - 09:56 hrs	7.54	7.54	1.01	1.00	-0.57	4.17	3.00	0.98	0.98	1.09	0.00	0.00	7
1049	☐	686	3.00	39.04	0.34	52.02	ceeds Capac	0 - 09:56 hrs	7.38	7.50	1.33	1.00	-12.98	4.17	3.00	0.97	0.97	0.98	0.72	0.66	7
1050	☐	687	3.00	48.57	0.53	51.91	ceeds Capac	0 - 10:03 hrs	7.34	7.40	1.07	1.00	-3.34	4.25	3.00	0.92	0.92	0.97	0.23	0.23	5
1051	☐	688	3.00	33.51	0.25	55.23	ceeds Capac	0 - 09:56 hrs	7.85	7.91	1.65	1.00	-21.72	4.26	3.00	0.92	0.93	0.92	1.02	0.68	6
1052	☐	689	3.00	35.02	0.28	39.26	ceeds Capac	0 - 10:19 hrs	5.55	5.85	1.12	1.00	-4.24	3.41	3.00	0.89	0.89	0.90	0.36	0.43	6
1053	☐	69	1.33	1.33	0.04	5.89	ceeds Capac	0 - 09:56 hrs	4.22	4.22	4.42	1.00	-4.56	0.51	1.33	0.75	0.99	0.75	2.91	0.75	4
1054	☐	690	3.00	51.69	0.60	42.51	Backwater	0 - 09:56 hrs	6.67	6.98	0.82	1.00	9.17	3.41	3.00	0.83	0.83	0.88	0.00	0.00	6
1055	☐	691	3.00	17.98	0.07	46.64	ceeds Capac	0 - 09:56 hrs	7.02	7.09	2.59	1.00	-28.66	3.41	3.00	0.83	0.84	0.83	1.38	0.76	6
1056	☐	692	3.00	33.31	0.25	53.83	ceeds Capac	0 - 10:07 hrs	7.62	7.62	1.62	1.00	-20.52	3.49	3.00	0.84	0.84	0.84	0.68	0.52	4
1057	☐	693	4.00	136.73	0.91	129.28	Backwater	0 - 09:57 hrs	10.97	11.19	0.95	1.00	7.45	15.59	4.00	1.07	1.07	1.23	0.00	0.00	6
1058	☐	694	1.50	7.90	0.75	17.27	ceeds Capac	0 - 11:55 hrs	9.77	9.77	2.18	1.00	-9.36	1.00	1.50	2.92	2.92	4.09	2.41	2.22	13
1059	☐	697	4.00	83.60	0.34	129.83	ceeds Capac	0 - 09:57 hrs	10.37	10.37	1.55	1.00	-46.23	14.59	4.00	1.10	1.52	1.10	1.59	0.92	5
1060	☐	699	5.00	142.19	0.30	177.26	ceeds Capac	0 - 10:08 hrs	9.03	9.03	1.25	1.00	-35.07	15.24	5.00	0.70	0.70	1.09	0.38	0.36	2
1061	☐	7	3.50	25.57	0.06	69.12	ceeds Capac	0 - 10:03 hrs	7.18	8.84	2.70	1.00	-43.55	6.61	2.94	2.07	2.08	2.45	1.72	1.54	13
1062	☐	700	5.00	131.58	0.26	179.33	ceeds Capac	0 - 10:03 hrs	9.13	9.13	1.36	1.00	-47.75	13.54	5.00	0.61	0.61	0.70	0.33	0.32	2
1063	☐	701	5.00	163.16	0.39	179.35	ceeds Capac	0 - 10:03 hrs	9.13	9.13	1.10	1.00	-16.19	13.54	5.00	0.32	0.32	0.54	0.18	0.18	1
1064	☐	702	2.00	32.51	2.06	25.32	Backwater	0 - 09:53 hrs	9.07	9.07	0.78	1.00	7.19	1.72	2.00	1.23	1.23	1.49	0.00	0.00	5
1065	☐	703	2.00	17.78	0.62	24.65	ceeds Capac	0 - 09:55 hrs	7.87	7.99	1.39	1.00	-6.87	1.75	2.00	0.98	1.01	1.23	0.23	0.18	6
1066	☐	704	2.00	20.42	0.82	24.57	ceeds Capac	0 - 09:55 hrs	7.82	7.82	1.20	1.00	-4.15	1.77	2.00	0.75	0.76	1.01	0.09	0.08	3
1067	☐	706	2.00	16.79	0.55	24.61	ceeds Capac	0 - 09:52 hrs	7.84	7.84	1.47	1.00	-7.82	1.77	2.00	0.66	0.68	0.76	0.28	0.26	3
1068	☐	707	2.00	8.80	0.15	18.03	ceeds Capac	0 - 10:07 hrs	5.74	5.74	2.05	1.00	-9.24	1.05	2.00	0.69	0.70	0.72	0.63	0.60	1
1069	☐	708	4.50	99.12	0.25	91.77	Backwater	0 - 09:53 hrs	6.59	7.81	0.93	1.00	7.35	20.72	4.50	1.38	1.38	1.50	0.00	0.04	8
1070	☐	709	4.50	135.51	0.47	91.68	Backwater	0 - 11:33 hrs	5.83	13.18	0.68	1.00	43.83	20.74	4.50	1.50	1.50	1.53	0.00	0.57	7
1071	☐	71	1.75	9.03	0.43	11.91	Free Surface	0 - 11:10 hrs	5.37	5.37	1.32	0.87	-2.88	2.17	1.75	0.00	1.77	0.00	2.08	0.00	11
1072	☐	710	4.50	69.52	0.36	168.95	ceeds Capac	0 - 09:59 hrs	10.67	10.95	2.43	1.00	-99.43	30.09	4.50	0.76	2.73	0.76	4.56	0.76	16
1073	☐	711	4.50	114.46	0.34	168.90	ceeds Capac	0 - 09:59 hrs	10.62	10.62	1.48	1.00	-54.44	30.11	4.50	2.52	2.52	2.54	2.37	2.13	17
1074	☐	712	4.50	129.64	0.43	137.45	ceeds Capac	0 - 10:34 hrs	8.64	8.84	1.06	1.00	-7.81	28.52	4.50	2.00	2.00	2.24	0.70	0.72	8
1075	☐	713	4.50	129.54	0.43	168.88	ceeds Capac	0 - 09:59 hrs	10.62	10.62	1.30	1.00	-39.33	30.12	4.50	2.24	2.24	2.52	1.32	1.36	12
1076	☐	715	2.00	6.65	0.09	25.81	ceeds Capac	0 - 09:56 hrs	8.22	8.22	3.88	1.00	-19.16	2.10	2.00	1.16	1.24	1.16	2.69	1.16	3
1077	☐	716	2.00	14.88	0.43	25.83	ceeds Capac	0 - 09:56 hrs	8.22	8.22	1.74	1.00	-10.96	2.05	2.00	1.22	1.22	1.36	0.41	0.46	7
1078	☐	717	2.00	9.99	0.20	25.85	ceeds Capac	0 - 09:56 hrs	8.28	8.62	2.59	1.00	-15.86	2.05	2.00	0.95	1.25	0.95	1.51	0.95	4

FUTURE CONDITIONS 5-YR 24-HR CLIMATE CHANGE CONDUITS

		ID	Full Depth (ft)	Full Flow (cfs)	Percent Slope (%)	Maximum Flow (cfs)	Maximum Flow Class	Max.Flow Day-Time (day-time)	Velocity at Maximum Flow (ft/s)	Maximum Velocity (ft/s)	Max.Flow/Fu ll Flow	Max.Depth/F ull Depth	Reserve Capacity (cfs)	Total Flow Volume (MG)	Maximum Top Width (ft)	Both End Surcharge Time (hrs)	Upstream Surcharge Time (hrs)	Downstream Surcharge Time (hrs)	Above Full-Flow Time (hrs)	Capacity Limited Time (hrs)	Instability Index
1079	☐	718	2.00	44.74	3.91	21.55	Backwater	0 - 09:56 hrs	8.59	8.59	0.48	1.00	23.18	2.04	2.00	0.95	0.95	1.17	0.00	0.00	4
1080	☐	719	2.50	16.66	0.22	37.25	ceeds Capac	0 - 10:00 hrs	7.61	7.62	2.24	1.00	-20.59	2.08	2.50	0.32	0.52	0.32	0.69	0.32	1
1081	☐	72	1.75	9.44	0.47	11.91	ceeds Capac	0 - 09:47 hrs	4.95	4.95	1.26	1.00	-2.47	2.17	1.75	1.77	1.80	1.77	2.00	1.77	13
1082	☐	720	2.50	49.92	1.48	35.48	Backwater	0 - 09:59 hrs	8.32	8.89	0.71	1.00	14.44	2.08	2.50	0.32	0.32	0.40	0.00	0.00	2
1083	☐	721	3.00	37.09	0.31	36.80	Backwater	0 - 09:59 hrs	6.58	6.86	0.99	1.00	0.29	2.08	3.00	0.30	0.30	0.36	0.00	0.01	2
1084	☐	722	3.00	46.46	0.49	35.39	Backwater	0 - 09:57 hrs	5.69	7.25	0.76	1.00	11.07	2.07	3.00	0.36	0.36	0.62	0.00	0.00	3
1085	☐	723	3.00	47.12	0.50	34.45	Backwater	0 - 09:56 hrs	5.59	7.05	0.73	1.00	12.67	2.08	3.00	0.63	0.63	0.79	0.00	0.00	4
1086	☐	724	3.00	42.01	0.40	27.66	Backwater	0 - 10:12 hrs	3.91	4.74	0.66	1.00	14.35	2.08	3.00	0.79	0.79	0.96	0.00	0.00	4
1087	☐	725	3.00	43.12	0.42	39.88	Backwater	0 - 10:12 hrs	5.64	5.64	0.92	1.00	3.25	4.11	3.00	1.08	1.08	2.11	0.00	0.00	5
1088	☐	726	3.00	29.83	0.20	34.64	ceeds Capac	0 - 10:03 hrs	4.90	5.73	1.16	1.00	-4.81	1.75	3.00	0.16	0.16	0.20	0.15	0.09	0
1089	☐	727	3.00	37.20	0.31	34.66	Backwater	0 - 10:03 hrs	4.90	5.43	0.93	1.00	2.54	1.75	3.00	0.20	0.20	0.41	0.00	0.00	0
1090	☐	728	3.50	64.80	0.41	47.65	Backwater	0 - 09:59 hrs	5.78	6.50	0.74	1.00	17.15	2.72	3.50	0.35	0.35	0.47	0.00	0.00	1
1091	☐	729	3.50	43.26	0.18	45.92	ceeds Capac	0 - 10:07 hrs	4.77	5.23	1.06	1.00	-2.67	2.71	3.50	0.47	0.47	0.69	0.12	0.14	1
1092	☐	73	1.75	7.88	0.33	11.91	ceeds Capac	0 - 11:10 hrs	4.95	4.95	1.51	1.00	-4.04	2.17	1.75	1.74	1.97	1.74	2.53	1.74	10
1093	☐	730	3.50	64.83	0.42	41.82	Backwater	0 - 10:10 hrs	4.35	4.35	0.65	1.00	23.00	2.69	3.50	1.12	1.12	1.90	0.00	0.00	6
1094	☐	731	3.50	73.33	0.53	41.85	Backwater	0 - 10:10 hrs	4.35	5.85	0.57	1.00	31.48	2.69	3.50	0.87	0.87	1.12	0.00	0.00	4
1095	☐	733	2.50	21.90	0.29	35.93	ceeds Capac	0 - 09:57 hrs	7.32	7.32	1.64	1.00	-14.02	2.48	2.50	0.93	0.93	1.13	0.54	0.53	1
1096	☐	734	2.50	42.25	1.06	35.94	Backwater	0 - 09:57 hrs	7.32	7.32	0.85	1.00	6.32	2.50	2.50	0.69	0.69	0.93	0.00	0.00	2
1097	☐	735	2.25	35.17	1.29	14.15	Backwater	0 - 10:03 hrs	3.56	3.87	0.40	1.00	21.02	0.83	2.25	0.57	0.57	0.72	0.00	0.00	3
1098	☐	736	2.25	14.84	0.23	14.16	Backwater	0 - 10:02 hrs	3.56	4.79	0.95	1.00	0.69	0.82	2.25	0.55	0.55	0.59	0.00	0.06	2
1099	☐	737	2.25	14.70	0.23	14.15	Backwater	0 - 10:03 hrs	3.56	4.69	0.96	1.00	0.55	0.83	2.25	0.50	0.50	0.53	0.00	0.06	2
1100	☐	738	2.00	14.60	0.42	15.31	Backwater	0 - 09:56 hrs	5.47	5.49	1.05	1.00	-0.71	0.82	2.00	0.44	0.44	0.51	0.01	0.04	1
1101	☐	739	2.00	15.27	0.46	15.85	Backwater	0 - 09:56 hrs	5.10	5.14	1.04	1.00	-0.58	0.83	2.00	0.36	0.36	0.47	0.01	0.00	1
1102	☐	74	2.00	32.06	2.01	25.00	Free Surface	0 - 10:03 hrs	11.28	11.28	0.78	0.66	7.07	1.23	2.00	0.00	0.00	0.00	0.00	0.00	0
1103	☐	740	2.50	21.23	0.27	45.23	ceeds Capac	0 - 09:59 hrs	9.22	9.22	2.13	1.00	-24.00	3.27	2.50	1.11	1.12	1.13	0.93	0.89	1
1104	☐	741	2.00	10.76	0.23	18.99	ceeds Capac	0 - 09:59 hrs	6.04	6.04	1.76	1.00	-8.23	0.79	2.00	0.34	0.37	0.38	0.29	0.23	0
1105	☐	742	1.75	7.45	0.29	14.19	ceeds Capac	0 - 10:49 hrs	5.90	5.90	1.91	1.00	-6.75	2.03	1.75	1.44	2.08	1.44	2.57	1.44	2
1106	☐	743	1.75	9.28	0.46	14.20	ceeds Capac	0 - 10:48 hrs	5.90	5.90	1.53	1.00	-4.92	2.03	1.75	1.07	1.44	1.07	1.90	1.07	7
1107	☐	744	2.00	12.45	0.30	18.03	ceeds Capac	0 - 10:06 hrs	5.74	5.74	1.45	1.00	-5.57	1.78	2.00	0.76	0.77	0.76	0.89	0.19	2
1108	☐	745	2.50	28.13	0.47	37.10	ceeds Capac	0 - 09:56 hrs	7.56	7.56	1.32	1.00	-8.97	3.38	2.50	0.67	0.68	0.71	0.08	0.04	1
1109	☐	746	2.50	26.79	0.43	37.00	ceeds Capac	0 - 09:56 hrs	7.59	7.74	1.38	1.00	-10.20	3.39	2.50	0.68	0.71	0.68	0.13	0.05	2
1110	☐	747	3.00	36.75	0.30	35.85	Backwater	0 - 09:56 hrs	5.54	5.81	0.98	1.00	0.91	3.39	3.00	0.71	0.71	0.78	0.00	0.00	3
1111	☐	748	1.50	7.56	0.69	14.39	ceeds Capac	0 - 09:56 hrs	8.14	8.14	1.90	1.00	-6.84	0.62	1.50	0.60	0.65	0.74	0.37	0.31	1
1112	☐	749	3.00	47.87	0.52	46.80	Backwater	0 - 09:55 hrs	7.11	7.50	0.98	1.00	1.08	4.01	3.00	0.77	0.77	0.80	0.00	0.01	4
1113	☐	75	1.75	7.08	0.27	6.86	Free Surface	0 - 10:00 hrs	3.51	3.51	0.97	0.76	0.22	0.27	1.75	0.00	0.00	0.00	0.00	0.00	0
1114	☐	750	3.00	38.79	0.34	45.36	ceeds Capac	0 - 09:56 hrs	6.42	6.51	1.17	1.00	-6.57	4.00	3.00	0.83	0.83	0.88	0.02	0.01	4
1115	☐	751	3.00	41.80	0.39	45.38	ceeds Capac	0 - 09:56 hrs	6.42	6.42	1.09	1.00	-3.58	4.01	3.00	0.88	0.88	0.97	0.01	0.01	3
1116	☐	752	2.25	17.46	0.32	17.56	Backwater	0 - 09:56 hrs	4.47	4.55	1.01	1.00	-0.11	0.01	2.25	0.50	0.50	0.66	0.00	0.00	4
1117	☐	753	3.00	44.96	0.45	53.36	ceeds Capac	0 - 09:57 hrs	7.55	7.55	1.19	1.00	-8.39	5.52	3.00	0.94	0.94	1.00	0.27	0.29	3
1118	☐	754	3.00	49.40	0.55	73.26	ceeds Capac	0 - 09:57 hrs	10.36	10.36	1.48	1.00	-23.87	6.35	3.00	1.00	1.00	1.10	0.69	0.71	3
1119	☐	755	3.00	45.05	0.46	67.97	ceeds Capac	0 - 09:57 hrs	9.62	9.62	1.51	1.00	-22.92	6.15	3.00	1.00	1.00	1.00	1.05	0.96	4
1120	☐	756	3.50	64.49	0.41	108.04	ceeds Capac	0 - 09:59 hrs	11.23	11.23	1.68	1.00	-43.55	9.62	3.50	0.46	0.92	0.46	1.09	0.46	1
1121	☐	757	1.50	6.91	0.58	8.41	Backwater	0 - 09:59 hrs	4.86	5.18	1.22	1.00	-1.50	0.00	1.50	0.39	0.39	0.49	0.00	0.00	2
1122	☐	758	2.25	40.80	1.74	19.09	Backwater	0 - 09:59 hrs	6.05	6.05	0.47	1.00	21.72	0.83	2.25	0.07	0.07	0.68	0.00	0.00	0
1123	☐	759	3.50	121.98	1.47	130.17	ceeds Capac	0 - 09:59 hrs	13.53	13.84	1.07	1.00	-8.20	10.78	3.50	0.44	0.44	0.60	0.03	0.03	1
1124	☐	76	1.75	8.43	0.38	6.86	Free Surface	0 - 10:00 hrs	3.64	3.65	0.81	0.73	1.57	0.27	1.75	0.00	0.00	0.00	0.00	0.00	0
1125	☐	760	5.00	113.45	0.54	167.54	Free Surface	0 - 10:07 hrs	9.88	9.90	1.48	0.81	-54.08	14.11	5.00	0.00	0.71	0.00	0.81	0.00	0
1126	☐	761	5.00	106.67	0.48	35.82	Backwater	0 - 10:15 hrs	1.82	1.82	0.34	1.00	70.85	1.89	5.00	0.35	0.35	0.72	0.00	0.00	1
1127	☐	763	5.00	101.80	0.44	35.81	Free Surface	0 - 10:15 hrs	2.06	4.40	0.35	0.91	65.98	1.89	5.00	0.00	0.00	0.32	0.00	0.00	0

FUTURE CONDITIONS 5-YR 24-HR CLIMATE CHANGE CONDUITS

		ID	Full Depth (ft)	Full Flow (cfs)	Percent Slope (%)	Maximum Flow (cfs)	Maximum Flow Class	Max.Flow Day-Time (day-time)	Velocity at Maximum Flow (ft/s)	Maximum Velocity (ft/s)	Max.Flow/Fu ll Flow	Max.Depth/F ull Depth	Reserve Capacity (cfs)	Total Flow Volume (MG)	Maximum Top Width (ft)	Both End Surcharge Time (hrs)	Upstream Surcharge Time (hrs)	Downstream Surcharge Time (hrs)	Above Full-Flow Time (hrs)	Capacity Limited Time (hrs)	Instability Index
1128	☐	764	5.00	147.01	0.91	0.00	Free Surface	0 - 00:00 hrs	0.00	0.00	0.00	0.40	147.01	0.00	4.91	0.00	0.00	0.00	0.00	0.00	0
1129	☐	767	5.00	488.15	3.51	0.00	Free Surface	0 - 00:00 hrs	0.00	0.00	0.00	0.00	488.15	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0
1130	☐	768	4.50	142.84	0.53	164.67	ceeds Capac	0 - 09:57 hrs	10.38	10.45	1.15	1.00	-21.83	11.49	4.50	0.86	0.86	0.99	0.01	0.05	6
1131	☐	769	4.50	123.82	0.40	143.62	ceeds Capac	0 - 09:57 hrs	9.03	9.03	1.16	1.00	-19.80	9.71	4.50	0.90	0.91	0.90	0.49	0.38	4
1132	☐	77	1.75	9.39	0.47	7.12	Free Surface	0 - 09:59 hrs	4.15	4.16	0.76	0.67	2.28	0.27	1.75	0.00	0.00	0.00	0.00	0.00	0
1133	☐	770	4.50	124.55	0.40	178.59	ceeds Capac	0 - 09:57 hrs	11.31	11.33	1.43	1.00	-54.04	11.49	4.50	0.86	0.89	0.86	1.06	0.83	6
1134	☐	771	5.50	225.47	0.45	224.56	Backwater	0 - 10:00 hrs	9.45	10.15	1.00	1.00	0.91	31.27	5.50	0.88	0.88	0.98	0.00	0.06	4
1135	☐	772	2.50	36.97	0.81	38.53	ceeds Capac	0 - 10:00 hrs	7.85	7.85	1.04	1.00	-1.56	2.37	2.50	0.75	0.75	1.02	0.12	0.12	2
1136	☐	774	3.50	32.50	0.10	28.65	Backwater	0 - 10:03 hrs	2.98	3.89	0.88	1.00	3.85	1.38	3.50	0.34	0.34	0.38	0.00	0.02	0
1137	☐	775	3.50	47.83	0.23	33.22	Backwater	0 - 10:03 hrs	3.45	3.45	0.69	1.00	14.61	1.80	3.50	0.37	0.37	0.45	0.00	0.01	1
1138	☐	776	3.50	51.61	0.26	33.19	Backwater	0 - 10:03 hrs	3.45	4.60	0.64	1.00	18.42	1.80	3.50	0.26	0.26	0.37	0.00	0.01	0
1139	☐	777	1.75	5.06	0.14	8.70	ceeds Capac	0 - 09:59 hrs	3.62	3.62	1.72	1.00	-3.64	0.35	1.75	0.47	0.49	0.52	0.24	0.18	2
1140	☐	778	3.50	27.37	0.07	23.49	Backwater	0 - 10:00 hrs	2.44	3.22	0.86	1.00	3.89	1.04	3.50	0.30	0.30	0.32	0.00	0.02	0
1141	☐	779	3.50	51.12	0.26	28.47	Backwater	0 - 10:00 hrs	3.54	3.74	0.56	1.00	22.65	0.74	3.50	0.23	0.23	0.29	0.00	0.00	1
1142	☐	78	1.75	22.54	2.70	7.45	Free Surface	0 - 09:59 hrs	5.89	5.89	0.33	0.52	15.09	0.27	1.75	0.00	0.00	0.00	0.00	0.00	0
1143	☐	780	2.50	11.91	0.08	12.95	ceeds Capac	0 - 09:48 hrs	2.64	2.64	1.09	1.00	-1.04	1.79	2.50	16.70	16.70	17.12	0.27	0.31	48
1144	☐	781	2.00	10.69	0.22	12.95	ceeds Capac	0 - 09:48 hrs	4.12	4.12	1.21	1.00	-2.26	1.80	2.00	16.88	16.88	17.17	0.49	0.64	70
1145	☐	782	2.00	11.20	0.25	12.96	ceeds Capac	0 - 09:48 hrs	4.12	4.12	1.16	1.00	-1.76	1.81	2.00	16.62	16.62	16.88	0.40	0.43	65
1146	☐	783	2.00	12.29	0.29	12.95	ceeds Capac	0 - 09:48 hrs	4.12	4.12	1.05	1.00	-0.66	1.86	2.00	15.82	15.82	16.62	0.22	0.29	48
1147	☐	784	2.00	14.52	0.41	12.95	Backwater	0 - 09:48 hrs	4.12	4.12	0.89	1.00	1.57	1.87	2.00	15.55	15.55	15.82	0.00	0.04	60
1148	☐	785	2.00	12.74	0.32	13.89	ceeds Capac	0 - 10:07 hrs	4.42	4.42	1.09	1.00	-1.15	1.91	2.00	15.33	15.33	15.49	0.84	0.87	60
1149	☐	786	2.00	12.21	0.29	14.61	ceeds Capac	0 - 10:07 hrs	4.65	4.65	1.20	1.00	-2.40	1.93	2.00	15.04	15.04	15.23	0.88	0.91	52
1150	☐	787	2.00	4.64	0.04	24.81	ceeds Capac	0 - 09:59 hrs	7.91	7.91	5.35	1.00	-20.17	1.09	2.00	14.00	14.08	14.00	1.18	3.23	48
1151	☐	788	2.25	6.50	0.04	24.71	Backwater	0 - 09:59 hrs	6.21	6.21	3.80	1.00	-18.20	1.09	2.25	14.04	14.04	14.09	0.77	3.13	45
1152	☐	789	2.00	12.89	0.32	24.68	ceeds Capac	0 - 09:59 hrs	7.86	7.86	1.92	1.00	-11.80	1.10	2.00	14.12	14.12	14.12	0.35	1.54	50
1153	☐	79	3.00	41.33	0.38	31.13	Backwater	0 - 10:00 hrs	4.40	5.11	0.75	1.00	10.20	5.03	3.00	0.88	0.88	1.49	0.00	0.00	3
1154	☐	790	2.00	10.12	0.20	24.67	ceeds Capac	0 - 09:59 hrs	7.85	7.85	2.44	1.00	-14.55	1.10	2.00	14.09	14.11	14.09	0.47	0.41	49
1155	☐	792	2.00	15.66	0.48	5.79	Backwater	0 - 09:59 hrs	2.00	2.00	0.37	1.00	9.87	0.21	2.00	13.88	13.88	13.96	0.00	0.00	87
1156	☐	793	2.00	20.76	0.84	1.80	Backwater	0 - 09:57 hrs	0.68	1.45	0.09	1.00	18.96	0.06	2.00	13.83	13.83	13.96	0.00	0.00	52
1157	☐	794	2.00	19.50	0.74	2.28	Backwater	0 - 09:57 hrs	1.06	1.61	0.12	1.00	17.23	0.06	2.00	13.70	13.70	13.83	0.00	0.07	54
1158	☐	796	2.25	10.77	0.12	13.92	ceeds Capac	0 - 09:59 hrs	3.89	3.91	1.29	1.00	-3.15	0.56	2.25	13.88	13.88	13.88	0.16	0.17	56
1159	☐	797	2.00	8.51	0.14	14.18	ceeds Capac	0 - 09:59 hrs	4.57	4.57	1.67	1.00	-5.67	0.56	2.00	13.94	14.03	13.94	0.25	0.14	44
1160	☐	799	2.00	10.90	0.23	14.13	ceeds Capac	0 - 09:59 hrs	4.50	4.50	1.30	1.00	-3.23	0.57	2.00	13.99	13.99	14.03	0.16	0.14	48
1161	☐	8	4.50	136.95	0.49	65.76	Backwater	0 - 12:38 hrs	4.13	4.13	0.48	1.00	71.19	13.76	4.50	17.91	17.91	20.98	0.00	0.00	53
1162	☐	80	2.50	23.79	0.34	15.03	Backwater	0 - 09:59 hrs	3.06	4.94	0.63	1.00	8.76	4.12	2.50	0.73	0.73	0.98	0.00	0.01	4
1163	☐	800	2.00	7.79	0.12	14.12	ceeds Capac	0 - 09:59 hrs	4.49	4.49	1.81	1.00	-6.33	0.57	2.00	13.80	13.81	13.99	0.31	0.37	52
1164	☐	801	2.25	9.77	0.10	22.97	ceeds Capac	0 - 10:06 hrs	5.78	5.78	2.35	1.00	-13.20	1.34	2.25	14.09	14.10	14.09	0.65	1.50	58
1165	☐	802	2.50	12.93	0.10	22.58	ceeds Capac	0 - 09:56 hrs	4.60	4.60	1.75	1.00	-9.65	1.33	2.50	14.06	14.07	14.07	0.46	0.83	59
1166	☐	803	2.50	13.04	0.10	22.59	ceeds Capac	0 - 09:56 hrs	4.60	4.60	1.73	1.00	-9.56	1.33	2.50	14.07	14.07	14.07	0.45	0.83	56
1167	☐	804	2.50	15.22	0.14	22.58	ceeds Capac	0 - 09:56 hrs	4.60	4.60	1.48	1.00	-7.36	1.32	2.50	14.06	14.07	14.06	0.34	0.31	39
1168	☐	805	2.50	23.48	0.33	22.63	Backwater	0 - 09:56 hrs	4.61	4.61	0.96	1.00	0.86	1.31	2.50	14.06	14.06	14.09	0.00	0.03	47
1169	☐	806	2.50	13.53	0.09	22.65	Backwater	0 - 09:57 hrs	4.67	4.68	1.67	1.00	-9.11	1.30	2.50	13.98	13.98	14.09	0.39	0.00	50
1170	☐	807	2.00	15.95	0.50	8.62	Free Surface	0 - 09:59 hrs	5.04	5.05	0.54	0.54	7.33	0.33	2.00	0.00	0.00	0.00	0.00	0.00	0
1171	☐	808	2.00	11.29	0.25	8.16	Free Surface	0 - 10:00 hrs	4.58	4.58	0.72	0.55	3.13	0.33	1.99	0.00	0.00	0.00	0.00	0.00	0
1172	☐	809	2.00	34.93	2.38	8.16	Free Surface	0 - 10:00 hrs	6.00	6.00	0.23	0.45	26.76	0.33	1.99	0.00	0.00	0.00	0.00	0.00	0
1173	☐	81	2.00	32.34	2.04	4.29	Free Surface	0 - 10:00 hrs	2.07	2.07	0.13	0.66	28.05	0.00	2.00	0.00	0.00	0.76	0.00	0.00	0
1174	☐	810	2.00	31.70	1.96	20.54	Free Surface	0 - 09:59 hrs	9.37	9.41	0.65	0.66	11.15	0.86	2.00	0.00	0.00	0.00	0.00	0.00	0
1175	☐	811	2.00	25.50	1.27	20.26	Free Surface	0 - 10:00 hrs	9.15	9.15	0.79	0.66	5.25	0.86	2.00	0.00	0.00	0.00	0.00	0.00	0
1176	☐	812	2.00	30.66	1.84	20.21	Free Surface	0 - 10:00 hrs	10.10	10.14	0.66	0.61	10.45	0.86	2.00	0.00	0.00	0.00	0.00	0.00	0

FUTURE CONDITIONS 5-YR 24-HR CLIMATE CHANGE CONDUITS

		ID	Full Depth (ft)	Full Flow (cfs)	Percent Slope (%)	Maximum Flow (cfs)	Maximum Flow Class	Max.Flow Day-Time (day-time)	Velocity at Maximum Flow (ft/s)	Maximum Velocity (ft/s)	Max.Flow/Fu ll Flow	Max.Depth/F ull Depth	Reserve Capacity (cfs)	Total Flow Volume (MG)	Maximum Top Width (ft)	Both End Surcharge Time (hrs)	Upstream Surcharge Time (hrs)	Downstream Surcharge Time (hrs)	Above Full-Flow Time (hrs)	Capacity Limited Time (hrs)	Instability Index
1177	☐	813	2.00	28.14	1.55	20.14	Free Surface	0 - 10:00 hrs	9.73	9.73	0.72	0.63	8.00	0.86	2.00	0.00	0.00	0.00	0.00	0.00	0
1178	☐	814	2.00	22.76	1.01	20.09	Free Surface	0 - 10:00 hrs	8.20	8.20	0.88	0.73	2.68	0.86	2.00	0.00	0.00	0.00	0.00	0.00	0
1179	☐	815	2.00	37.43	2.74	20.08	Free Surface	0 - 10:00 hrs	12.12	12.12	0.54	0.52	17.35	0.86	2.00	0.00	0.00	0.00	0.00	0.00	0
1180	☐	816	2.75	8.74	0.03	56.67	Free Surface	0 - 09:59 hrs	9.76	9.76	6.48	0.94	-47.92	3.29	2.75	0.00	0.00	0.47	2.58	0.00	1
1181	☐	817	2.75	47.71	0.81	52.14	ceeds Capac	0 - 10:08 hrs	8.78	8.78	1.09	1.00	-4.43	3.11	2.75	0.33	0.33	0.47	0.24	0.23	1
1182	☐	818	2.50	42.45	1.07	52.13	ceeds Capac	0 - 10:08 hrs	10.62	10.62	1.23	1.00	-9.68	3.11	2.50	0.30	0.30	0.34	0.28	0.27	1
1183	☐	819	2.50	69.89	2.90	64.01	Backwater	0 - 10:03 hrs	13.04	13.04	0.92	1.00	5.88	3.16	2.50	0.10	0.10	0.29	0.00	0.00	0
1184	☐	82	2.50	20.80	0.26	13.08	Backwater	0 - 10:00 hrs	2.68	4.71	0.63	1.00	7.71	4.12	2.50	0.48	0.48	0.64	0.00	0.00	4
1185	☐	820	2.50	68.99	2.83	31.16	Free Surface	0 - 10:04 hrs	8.05	9.97	0.45	0.74	37.83	1.53	2.50	0.00	0.00	0.10	0.00	0.00	0
1186	☐	821	2.50	33.24	0.66	31.17	Free Surface	0 - 10:04 hrs	7.73	7.73	0.94	0.77	2.07	1.53	2.50	0.00	0.00	0.00	0.00	0.00	0
1187	☐	822	2.50	31.67	0.60	31.78	Free Surface	0 - 09:59 hrs	7.56	7.56	1.00	0.80	-0.11	1.53	2.50	0.00	0.00	0.00	0.01	0.00	0
1188	☐	823	2.50	29.61	0.52	32.53	Free Surface	0 - 09:59 hrs	7.32	7.32	1.10	0.85	-2.92	1.53	2.50	0.00	0.00	0.00	0.13	0.00	0
1189	☐	824	4.50	563.18	8.20	105.87	Free Surface	0 - 10:07 hrs	17.26	19.00	0.19	0.41	457.32	17.05	4.43	0.00	0.00	0.00	0.00	0.00	0
1190	☐	825	4.50	137.74	0.49	105.93	Free Surface	0 - 10:07 hrs	9.50	9.50	0.77	0.66	31.81	17.05	4.50	0.00	0.00	0.00	0.00	0.00	0
1191	☐	826	4.50	155.55	0.63	105.89	Free Surface	0 - 10:07 hrs	10.51	10.51	0.68	0.61	49.66	17.05	4.50	0.00	0.00	0.00	0.00	0.00	0
1192	☐	827	4.00	430.88	9.00	105.94	Free Surface	0 - 10:06 hrs	16.47	16.48	0.25	0.51	324.94	17.06	4.00	0.00	0.00	0.00	0.00	0.00	0
1193	☐	828	4.00	67.05	0.22	105.94	Free Surface	0 - 10:06 hrs	9.58	9.58	1.58	0.82	-38.89	17.06	4.00	0.00	0.00	0.00	2.35	0.00	0
1194	☐	829	4.00	125.82	0.77	105.91	Free Surface	0 - 10:06 hrs	10.01	10.01	0.84	0.78	19.91	17.06	4.00	0.00	0.00	0.00	0.00	0.00	0
1195	☐	83	1.50	5.69	0.39	11.86	ceeds Capac	0 - 10:51 hrs	6.89	6.89	2.09	1.00	-6.17	4.12	1.50	0.76	11.43	0.76	12.06	0.76	11
1196	☐	830	4.00	90.18	0.39	105.91	Free Surface	0 - 10:06 hrs	9.13	9.13	1.17	0.87	-15.73	17.06	4.00	0.00	0.00	0.00	1.28	0.00	0
1197	☐	831	2.25	29.96	0.94	24.30	Backwater	0 - 10:18 hrs	6.11	6.29	0.81	1.00	5.66	6.12	2.25	1.27	1.27	3.48	0.00	0.00	1
1198	☐	832	2.25	19.21	0.38	24.30	ceeds Capac	0 - 10:18 hrs	6.11	6.14	1.27	1.00	-5.09	6.12	2.25	1.18	2.20	1.18	3.94	1.18	6
1199	☐	833	2.25	19.56	0.40	24.30	ceeds Capac	0 - 10:18 hrs	6.11	6.11	1.24	1.00	-4.75	6.12	2.25	2.37	2.56	2.37	3.23	2.37	13
1200	☐	834	2.25	32.05	1.07	24.85	Backwater	0 - 10:08 hrs	6.25	6.70	0.78	1.00	7.20	6.13	2.25	2.23	2.23	2.56	0.00	0.01	17
1201	☐	835	2.25	21.68	0.49	24.83	ceeds Capac	0 - 10:17 hrs	6.25	6.42	1.15	1.00	-3.15	6.13	2.25	1.93	1.93	2.23	2.01	1.74	5
1202	☐	837	3.50	51.11	0.26	85.74	ceeds Capac	0 - 09:59 hrs	8.91	8.91	1.68	1.00	-34.63	10.33	3.50	1.17	1.23	1.17	1.44	1.17	5
1203	☐	838	3.50	55.38	0.30	78.10	ceeds Capac	0 - 10:12 hrs	8.12	8.12	1.41	1.00	-22.72	9.81	3.50	1.22	1.22	1.33	1.20	1.17	3
1204	☐	839	3.00	34.02	0.26	35.15	ceeds Capac	0 - 10:26 hrs	4.97	4.97	1.03	1.00	-1.14	4.07	3.00	1.19	1.19	1.31	0.12	0.14	5
1205	☐	84	2.50	51.72	1.59	35.48	Backwater	0 - 09:59 hrs	7.23	7.23	0.69	1.00	16.24	2.00	2.50	0.59	0.59	9.54	0.00	0.00	12
1206	☐	840	2.00	16.40	0.53	22.47	ceeds Capac	0 - 09:52 hrs	7.15	7.15	1.37	1.00	-6.07	1.91	2.00	0.71	0.71	0.82	0.46	0.44	1
1207	☐	841	2.00	17.27	0.58	25.23	ceeds Capac	0 - 10:02 hrs	8.03	8.03	1.46	1.00	-7.96	1.56	2.00	0.63	0.63	0.71	0.43	0.43	1
1208	☐	842	2.00	6.49	0.08	22.48	ceeds Capac	0 - 09:52 hrs	7.28	7.36	3.46	1.00	-15.98	1.91	2.00	0.61	0.97	0.61	2.21	0.61	2
1209	☐	843	2.00	19.63	0.75	21.51	ceeds Capac	0 - 09:52 hrs	6.85	6.85	1.10	1.00	-1.88	1.89	2.00	0.71	0.71	0.77	0.23	0.23	2
1210	☐	844	2.00	20.30	0.81	21.51	ceeds Capac	0 - 09:52 hrs	6.85	7.22	1.06	1.00	-1.21	1.91	2.00	0.67	0.67	0.70	0.18	0.16	3
1211	☐	845	2.00	17.26	0.58	29.20	ceeds Capac	0 - 09:52 hrs	9.29	9.29	1.69	1.00	-11.94	2.49	2.00	0.64	0.82	0.64	0.92	0.64	2
1212	☐	846	1.25	9.56	2.91	7.08	Free Surface	0 - 09:59 hrs	8.52	8.52	0.74	0.64	2.47	0.25	1.25	0.00	0.00	0.00	0.00	0.00	0
1213	☐	847	2.50	30.25	0.54	52.67	ceeds Capac	0 - 09:59 hrs	10.73	10.73	1.74	1.00	-22.42	3.51	2.50	0.24	0.56	0.24	0.65	0.24	0
1214	☐	848	1.25	9.98	3.18	7.10	Free Surface	0 - 09:59 hrs	6.35	6.38	0.71	0.86	2.88	0.25	1.25	0.00	0.00	0.82	0.00	0.00	0
1215	☐	849	2.25	23.60	0.58	41.48	ceeds Capac	0 - 09:59 hrs	10.43	10.43	1.76	1.00	-17.89	3.12	2.25	0.31	0.59	0.31	0.79	0.31	2
1216	☐	85	3.50	27.09	0.07	52.90	Backwater	0 - 10:00 hrs	5.50	5.50	1.95	1.00	-25.81	0.03	3.50	8.02	8.02	9.00	0.61	0.29	29
1217	☐	850	2.25	31.57	1.04	41.49	ceeds Capac	0 - 09:59 hrs	10.43	10.43	1.31	1.00	-9.92	3.12	2.25	0.55	0.55	0.59	0.54	0.53	2
1218	☐	851	2.25	35.65	1.32	41.47	ceeds Capac	0 - 09:59 hrs	10.43	10.43	1.16	1.00	-5.82	3.13	2.25	0.50	0.50	0.55	0.32	0.31	2
1219	☐	852	2.25	32.15	1.08	36.68	ceeds Capac	0 - 09:59 hrs	9.23	9.35	1.14	1.00	-4.53	2.97	2.25	0.47	0.47	0.49	0.47	0.44	3
1220	☐	853	2.25	36.89	1.42	37.02	Backwater	0 - 09:53 hrs	9.92	10.71	1.00	1.00	-0.14	2.97	2.25	0.35	0.35	0.43	0.00	0.06	2
1221	☐	854	2.25	26.62	0.74	33.92	ceeds Capac	0 - 09:53 hrs	8.59	8.66	1.27	1.00	-7.30	2.77	2.25	0.35	0.52	0.35	0.59	0.35	2
1222	☐	855	2.25	19.68	0.40	29.21	ceeds Capac	0 - 09:52 hrs	7.39	7.68	1.48	1.00	-9.53	2.49	2.25	0.52	0.59	0.52	0.76	0.52	2
1223	☐	856	2.50	13.58	0.11	52.73	Free Surface	0 - 09:59 hrs	10.86	10.86	3.88	0.96	-39.14	3.51	2.50	0.00	0.60	0.00	1.80	0.00	0
1224	☐	857	1.25	8.07	2.08	5.19	Free Surface	0 - 09:59 hrs	6.98	6.98	0.64	0.58	2.88	0.16	1.25	0.00	0.00	0.00	0.00	0.00	0
1225	☐	858	1.25	7.04	1.58	5.15	Free Surface	0 - 09:59 hrs	6.26	6.26	0.73	0.64	1.89	0.16	1.25	0.00	0.00	0.00	0.00	0.00	0

FUTURE CONDITIONS 5-YR 24-HR CLIMATE CHANGE CONDUITS

		ID	Full Depth (ft)	Full Flow (cfs)	Percent Slope (%)	Maximum Flow (cfs)	Maximum Flow Class	Max.Flow Day-Time (day-time)	Velocity at Maximum Flow (ft/s)	Maximum Velocity (ft/s)	Max.Flow/Fu ll Flow	Max.Depth/F ull Depth	Reserve Capacity (cfs)	Total Flow Volume (MG)	Maximum Top Width (ft)	Both End Surcharge Time (hrs)	Upstream Surcharge Time (hrs)	Downstream Surcharge Time (hrs)	Above Full-Flow Time (hrs)	Capacity Limited Time (hrs)	Instability Index
1226	☐	859	2.50	50.38	1.51	55.95	Free Surface	0 - 09:57 hrs	12.27	12.27	1.11	0.88	-5.57	3.51	2.50	0.00	0.00	0.00	0.06	0.00	0
1227	☐	86	3.00	82.34	1.52	41.59	Backwater	0 - 09:57 hrs	5.88	9.56	0.51	1.00	40.75	3.95	3.00	1.13	1.13	1.56	0.00	0.00	5
1228	☐	860	1.25	7.00	1.56	0.00	Free Surface	0 - 00:00 hrs	0.00	0.00	0.00	0.26	7.00	0.00	1.25	0.00	0.00	0.00	0.00	0.00	0
1229	☐	862	1.75	41.79	9.26	27.24	Free Surface	0 - 09:59 hrs	13.30	13.30	0.65	0.79	14.55	1.25	1.04	0.00	0.00	23.81	0.00	0.00	0
1230	☐	863	2.00	14.57	0.41	24.86	Free Surface	0 - 09:59 hrs	8.11	8.11	1.71	0.94	-10.28	1.17	2.00	0.00	0.28	0.00	0.35	0.00	1
1231	☐	864	2.00	18.73	0.69	16.83	Backwater	0 - 10:06 hrs	5.36	5.43	0.90	1.00	1.90	0.86	2.00	0.16	0.16	0.25	0.00	0.00	1
1232	☐	865	2.00	22.19	0.96	37.77	ceeds Capac	0 - 09:59 hrs	12.02	12.02	1.70	1.00	-15.58	1.57	2.00	0.02	0.26	0.02	0.30	0.02	0
1233	☐	866	3.00	54.58	0.67	37.21	Free Surface	0 - 09:59 hrs	8.05	8.09	0.68	0.62	17.37	1.57	3.00	0.00	0.00	0.00	0.00	0.00	0
1234	☐	867	2.00	26.37	1.36	12.66	Free Surface	0 - 09:59 hrs	5.05	5.05	0.48	0.74	13.71	0.54	2.00	0.00	0.00	0.41	0.00	0.00	0
1235	☐	868	2.00	39.17	3.00	12.66	Free Surface	0 - 09:59 hrs	9.52	9.57	0.32	0.44	26.50	0.54	1.99	0.00	0.00	0.00	0.00	0.00	0
1236	☐	869	1.50	6.41	0.50	12.66	Free Surface	0 - 09:59 hrs	7.32	7.32	1.98	0.95	-6.25	0.54	1.50	0.00	0.32	0.00	0.37	0.00	0
1237	☐	87	5.00	153.19	0.35	177.24	ceeds Capac	0 - 10:53 hrs	9.03	9.03	1.16	1.00	-24.04	26.33	5.00	1.50	1.54	1.51	1.33	1.14	6
1238	☐	870	2.00	18.90	0.70	17.51	Free Surface	0 - 10:00 hrs	6.92	6.92	0.93	0.75	1.39	0.76	2.00	0.00	0.00	0.00	0.00	0.00	0
1239	☐	871	2.00	22.96	1.03	17.71	Free Surface	0 - 09:59 hrs	7.43	7.47	0.77	0.71	5.25	0.76	2.00	0.00	0.00	0.00	0.00	0.00	0
1240	☐	872	2.00	16.23	0.51	18.01	Free Surface	0 - 09:59 hrs	6.54	6.60	1.11	0.82	-1.78	0.76	2.00	0.00	0.00	0.00	0.13	0.00	0
1241	☐	873	2.75	27.27	0.27	43.80	ceeds Capac	0 - 10:30 hrs	7.37	7.37	1.61	1.00	-16.53	5.15	2.75	1.11	1.11	1.25	1.21	1.10	2
1242	☐	875	1.75	48.34	12.39	1.06	Free Surface	0 - 09:47 hrs	0.86	0.86	0.02	0.58	47.28	0.00	1.75	0.00	0.00	1.08	0.00	0.00	0
1243	☐	876	2.75	33.75	0.41	43.80	ceeds Capac	0 - 10:30 hrs	7.37	7.37	1.30	1.00	-10.05	5.15	2.75	1.35	1.35	3.60	0.92	0.91	7
1244	☐	877	2.00	21.57	0.91	16.53	Backwater	0 - 10:03 hrs	5.26	5.68	0.77	1.00	5.05	0.72	2.00	0.12	0.12	0.35	0.00	0.00	0
1245	☐	878	1.50	7.58	0.69	1.23	Backwater	0 - 10:00 hrs	0.72	0.89	0.16	1.00	6.35	0.00	1.50	0.06	0.06	0.08	0.00	0.00	0
1246	☐	879	1.50	9.69	1.13	17.23	ceeds Capac	0 - 10:15 hrs	9.75	9.75	1.78	1.00	-7.54	1.38	1.50	0.53	0.72	0.53	0.81	0.53	0
1247	☐	88	5.00	169.92	0.43	148.44	Backwater	0 - 11:10 hrs	7.56	8.38	0.87	1.00	21.48	22.48	5.00	1.41	1.41	1.54	0.00	0.00	8
1248	☐	880	2.00	40.67	3.23	16.06	Free Surface	0 - 09:59 hrs	6.34	8.54	0.39	0.75	24.61	0.72	2.00	0.00	0.00	0.62	0.00	0.00	0
1249	☐	881	2.00	15.98	0.50	28.42	ceeds Capac	0 - 10:07 hrs	9.05	9.05	1.78	1.00	-12.44	2.09	2.00	0.90	0.90	0.99	0.71	0.71	4
1250	☐	882	2.00	15.03	1.26	17.23	ceeds Capac	0 - 10:15 hrs	5.48	5.48	1.15	1.00	-2.20	1.37	2.00	0.76	0.76	0.90	0.28	0.27	2
1251	☐	884	2.00	21.37	0.89	15.42	Backwater	0 - 09:52 hrs	4.91	6.66	0.72	1.00	5.95	1.17	2.00	0.91	0.91	0.96	0.00	0.01	4
1252	☐	885	2.50	18.34	0.20	23.07	ceeds Capac	0 - 09:52 hrs	4.70	4.70	1.26	1.00	-4.73	2.75	2.50	0.94	0.97	0.95	0.72	0.53	3
1253	☐	886	2.50	20.40	0.25	31.69	ceeds Capac	0 - 09:52 hrs	6.46	6.46	1.55	1.00	-11.28	3.46	2.50	0.90	0.95	0.90	1.24	0.89	6
1254	☐	887	2.50	19.23	0.22	31.67	ceeds Capac	0 - 09:52 hrs	6.45	6.45	1.65	1.00	-12.44	3.46	2.50	0.88	0.90	0.88	1.31	0.87	6
1255	☐	888	2.50	21.68	0.28	31.70	ceeds Capac	0 - 09:52 hrs	6.46	6.46	1.46	1.00	-10.02	3.46	2.50	0.87	0.88	0.87	1.17	0.75	7
1256	☐	889	2.50	18.97	0.21	31.69	ceeds Capac	0 - 09:52 hrs	6.45	6.45	1.67	1.00	-12.72	3.46	2.50	0.87	0.88	0.87	1.33	0.74	7
1257	☐	89	5.00	142.01	0.30	148.24	ceeds Capac	0 - 11:10 hrs	7.55	8.92	1.04	1.00	-6.23	22.49	5.00	1.40	1.42	1.41	0.62	0.51	8
1258	☐	890	2.50	22.04	0.29	31.65	ceeds Capac	0 - 09:52 hrs	6.45	6.48	1.44	1.00	-9.61	3.46	2.50	0.85	0.87	0.85	1.14	0.79	6
1259	☐	891	2.50	20.83	0.26	31.62	ceeds Capac	0 - 09:52 hrs	6.50	6.78	1.52	1.00	-10.79	3.46	2.50	0.82	0.87	0.82	1.22	0.82	4
1260	☐	892	2.50	47.16	1.32	69.78	ceeds Capac	0 - 10:03 hrs	14.24	14.24	1.48	1.00	-22.62	5.96	2.50	0.05	0.84	0.05	0.63	0.05	1
1261	☐	893	2.50	31.25	0.58	37.64	ceeds Capac	0 - 10:07 hrs	7.67	7.67	1.20	1.00	-6.40	4.37	2.50	0.82	0.85	0.84	0.91	0.81	4
1262	☐	894	2.50	14.51	0.13	13.53	Backwater	0 - 10:11 hrs	2.76	2.76	0.93	1.00	0.98	0.91	2.50	0.77	0.77	0.84	0.00	0.03	3
1263	☐	895	2.75	35.15	0.44	13.53	Backwater	0 - 10:11 hrs	2.28	3.65	0.38	1.00	21.62	0.91	2.75	0.59	0.59	0.64	0.00	0.12	6
1264	☐	896	3.50	68.19	0.46	69.15	ceeds Capac	0 - 09:59 hrs	7.19	7.19	1.01	1.00	-0.95	6.51	3.50	0.25	0.25	0.51	0.00	0.02	1
1265	☐	897	3.50	85.65	0.72	72.16	Backwater	0 - 09:59 hrs	7.53	8.91	0.84	1.00	13.48	6.51	3.50	0.20	0.20	0.25	0.00	0.02	1
1266	☐	898	3.50	42.25	0.18	71.83	ceeds Capac	0 - 09:57 hrs	7.51	8.16	1.70	1.00	-29.58	6.51	3.50	0.20	0.38	0.20	1.05	0.20	1
1267	☐	899	3.50	126.05	1.57	71.70	Backwater	0 - 09:57 hrs	7.45	8.34	0.57	1.00	54.35	6.52	3.50	0.29	0.29	0.38	0.00	0.00	1
1268	☐	9	4.00	62.38	0.54	38.45	Free Surface	0 - 10:04 hrs	5.71	5.71	0.62	0.53	23.93	2.24	4.00	0.00	0.00	0.00	0.00	0.00	0
1269	☐	90	5.00	143.61	0.30	143.27	Backwater	0 - 11:10 hrs	7.30	8.07	1.00	1.00	0.34	21.36	5.00	1.41	1.41	1.42	0.00	0.14	8
1270	☐	900	2.75	12.44	0.16	28.49	Backwater	0 - 09:55 hrs	5.86	6.11	2.29	1.00	-16.05	3.29	2.75	0.35	0.35	0.38	2.16	0.04	3
1271	☐	901	2.75	19.13	0.37	28.43	ceeds Capac	0 - 09:56 hrs	4.84	4.94	1.49	1.00	-9.30	3.30	2.75	0.38	1.10	0.38	1.27	0.38	4
1272	☐	902	3.75	31.13	0.07	69.35	ceeds Capac	0 - 09:59 hrs	6.28	6.28	2.23	1.00	-38.22	6.51	3.75	0.21	0.24	0.21	1.53	0.17	1
1273	☐	903	3.50	45.38	0.20	69.66	ceeds Capac	0 - 09:59 hrs	7.25	7.25	1.53	1.00	-24.28	6.51	3.50	0.13	0.47	0.13	0.96	0.13	1
1274	☐	904	3.50	48.13	0.23	66.92	Free Surface	0 - 10:00 hrs	8.26	8.30	1.39	0.79	-18.79	6.50	3.50	0.00	0.07	0.00	0.86	0.00	0

FUTURE CONDITIONS 5-YR 24-HR CLIMATE CHANGE CONDUITS

		ID	Full Depth (ft)	Full Flow (cfs)	Percent Slope (%)	Maximum Flow (cfs)	Maximum Flow Class	Max.Flow Day-Time (day-time)	Velocity at Maximum Flow (ft/s)	Maximum Velocity (ft/s)	Max.Flow/Fu ll Flow	Max.Depth/F ull Depth	Reserve Capacity (cfs)	Total Flow Volume (MG)	Maximum Top Width (ft)	Both End Surcharge Time (hrs)	Upstream Surcharge Time (hrs)	Downstream Surcharge Time (hrs)	Above Full-Flow Time (hrs)	Capacity Limited Time (hrs)	Instability Index
1275	☐	905	3.50	58.96	0.34	68.70	ceeds Capac	0 - 09:59 hrs	7.18	7.18	1.17	1.00	-9.74	6.51	3.50	0.07	0.13	0.07	0.55	0.07	0
1276	☐	906	3.00	105.81	2.52	83.10	Free Surface	0 - 10:00 hrs	13.20	13.20	0.79	0.83	22.71	7.30	3.00	0.00	0.00	0.67	0.00	0.00	0
1277	☐	907	2.25	31.09	1.01	50.07	ceeds Capac	0 - 10:02 hrs	12.59	12.59	1.61	1.00	-18.98	3.70	2.25	0.70	0.72	0.74	0.75	0.68	1
1278	☐	908	2.50	35.72	0.76	27.00	Backwater	0 - 10:32 hrs	5.55	7.07	0.76	1.00	8.73	2.39	2.50	0.57	0.57	0.66	0.00	0.00	2
1279	☐	909	2.25	27.23	0.77	28.14	ceeds Capac	0 - 09:56 hrs	7.31	7.83	1.03	1.00	-0.91	2.39	2.25	0.57	0.57	0.59	0.01	0.02	3
1280	☐	91	5.00	169.83	0.43	140.21	Backwater	0 - 11:15 hrs	7.20	8.56	0.83	1.00	29.62	20.60	5.00	1.08	1.08	1.41	0.00	0.00	8
1281	☐	910	2.25	25.74	0.69	34.00	ceeds Capac	0 - 09:56 hrs	8.74	8.74	1.32	1.00	-8.26	2.39	2.25	0.53	0.53	0.53	0.24	0.20	3
1282	☐	911	2.25	25.50	0.68	34.59	ceeds Capac	0 - 09:56 hrs	8.71	8.71	1.36	1.00	-9.09	2.39	2.25	0.51	0.53	0.53	0.31	0.22	2
1283	☐	912	2.25	18.80	0.37	15.14	Backwater	0 - 09:56 hrs	3.81	3.81	0.81	1.00	3.66	0.71	2.25	0.46	0.46	0.53	0.00	0.00	0
1284	☐	913	1.75	6.51	0.22	7.82	Backwater	0 - 09:56 hrs	3.25	3.25	1.20	1.00	-1.31	0.00	1.75	0.51	0.51	0.55	0.00	0.00	3
1285	☐	914	1.75	6.85	0.25	7.85	Backwater	0 - 09:56 hrs	3.26	3.26	1.15	1.00	-1.00	0.00	1.75	0.50	0.50	0.51	0.00	0.07	4
1286	☐	916	1.75	6.91	0.25	7.86	Backwater	0 - 09:56 hrs	3.28	3.40	1.14	1.00	-0.96	0.00	1.75	0.44	0.44	0.50	0.00	0.01	3
1287	☐	918	1.50	7.10	0.61	2.66	Backwater	0 - 09:51 hrs	1.65	1.65	0.37	1.00	4.44	0.00	1.50	0.91	0.91	1.23	0.00	0.00	6
1288	☐	919	2.50	15.09	0.14	28.41	ceeds Capac	0 - 09:56 hrs	5.79	5.79	1.88	1.00	-13.32	3.30	2.50	1.21	1.30	1.21	1.74	1.21	5
1289	☐	92	5.00	140.45	0.29	155.94	Backwater	0 - 09:57 hrs	8.84	8.90	1.11	1.00	-15.49	20.62	5.00	0.98	0.98	1.08	0.01	0.00	5
1290	☐	922	2.50	23.40	0.33	37.34	ceeds Capac	0 - 09:59 hrs	7.61	7.61	1.60	1.00	-13.95	3.43	2.50	1.26	1.26	1.30	1.01	0.97	6
1291	☐	923	2.50	25.34	0.38	19.26	Backwater	0 - 09:53 hrs	3.92	5.53	0.76	1.00	6.08	2.35	2.50	1.00	1.00	1.06	0.00	0.00	7
1292	☐	924	2.50	13.00	0.10	19.59	ceeds Capac	0 - 09:51 hrs	4.87	5.28	1.51	1.00	-6.59	2.35	2.50	0.94	0.97	0.94	1.33	0.74	7
1293	☐	925	2.25	17.46	0.32	12.84	Backwater	0 - 09:51 hrs	3.61	3.70	0.74	1.00	4.62	1.53	2.25	0.94	0.94	1.02	0.00	0.00	7
1294	☐	926	1.75	5.85	0.18	15.52	ceeds Capac	0 - 09:52 hrs	6.47	6.50	2.65	1.00	-9.67	1.53	1.75	0.91	1.55	0.91	2.36	0.90	7
1295	☐	927	2.25	16.48	0.28	14.75	Backwater	0 - 09:51 hrs	4.08	4.60	0.90	1.00	1.72	1.53	2.25	0.87	0.87	0.94	0.00	0.00	6
1296	☐	929	2.00	14.81	0.43	10.54	Backwater	0 - 09:53 hrs	3.36	3.60	0.71	1.00	4.27	0.64	2.00	1.11	1.11	1.22	0.00	0.01	5
1297	☐	93	5.00	152.21	0.34	189.32	ceeds Capac	0 - 09:56 hrs	9.65	9.65	1.24	1.00	-37.11	28.35	5.00	1.05	1.51	1.05	1.74	1.05	8
1298	☐	930	2.00	23.39	1.07	17.49	Free Surface	0 - 10:00 hrs	7.56	7.56	0.75	0.69	5.90	0.76	2.00	0.00	0.00	0.00	0.00	0.00	0
1299	☐	931	3.50	62.28	0.38	44.76	Free Surface	0 - 10:00 hrs	6.63	6.65	0.72	0.69	17.52	5.49	3.50	0.00	0.00	0.00	0.00	0.00	0
1300	☐	932	3.00	23.09	0.12	27.87	Free Surface	0 - 10:11 hrs	4.97	5.45	1.21	0.77	-4.78	4.74	3.00	0.00	0.00	0.00	1.67	0.00	0
1301	☐	933	3.00	16.13	0.06	27.83	Free Surface	0 - 09:52 hrs	4.30	4.32	1.72	0.89	-11.69	4.74	3.00	0.00	0.00	0.00	2.77	0.00	0
1302	☐	934	3.00	16.58	0.06	28.44	Free Surface	0 - 09:47 hrs	4.06	4.06	1.72	1.00	-11.86	4.74	3.00	0.00	1.28	0.00	2.67	0.00	2
1303	☐	935	2.50	20.73	0.26	28.10	ceeds Capac	0 - 09:47 hrs	5.72	5.72	1.36	1.00	-7.37	4.75	2.50	1.94	1.94	1.98	2.02	1.94	11
1304	☐	936	2.50	17.31	0.18	28.09	ceeds Capac	0 - 09:47 hrs	5.72	5.72	1.62	1.00	-10.78	4.75	2.50	1.94	1.97	1.94	2.48	1.89	16
1305	☐	937	2.50	12.31	0.09	20.29	ceeds Capac	0 - 10:21 hrs	4.13	4.13	1.65	1.00	-7.98	1.89	2.50	2.03	2.03	2.19	1.02	1.01	7
1306	☐	938	2.50	11.35	0.08	28.85	ceeds Capac	0 - 09:59 hrs	5.88	5.88	2.54	1.00	-17.50	4.76	2.50	1.97	2.13	1.97	4.28	1.97	13
1307	☐	939	2.50	23.33	0.32	17.80	Backwater	0 - 09:59 hrs	3.63	3.63	0.76	1.00	5.53	1.52	2.50	1.93	1.93	2.00	0.00	0.01	9
1308	☐	94	1.50	10.30	0.82	13.50	ceeds Capac	0 - 09:41 hrs	7.64	7.64	1.31	1.00	-3.20	2.56	1.50	2.53	2.53	2.62	2.62	2.47	11
1309	☐	940	2.25	18.85	0.37	30.42	ceeds Capac	0 - 10:12 hrs	7.65	7.65	1.61	1.00	-11.57	2.28	2.25	1.50	1.50	2.01	0.64	0.64	3
1310	☐	941	2.25	18.54	0.36	32.18	ceeds Capac	0 - 10:06 hrs	8.09	8.09	1.74	1.00	-13.64	1.98	2.25	1.24	1.24	1.50	0.56	0.55	3
1311	☐	942	2.00	27.56	1.48	37.75	ceeds Capac	0 - 09:59 hrs	12.02	12.02	1.37	1.00	-10.19	1.57	2.00	0.21	0.21	0.24	0.21	0.20	0
1312	☐	943	2.00	29.52	1.70	37.73	ceeds Capac	0 - 09:59 hrs	12.01	12.01	1.28	1.00	-8.21	1.57	2.00	0.18	0.18	0.21	0.17	0.16	0
1313	☐	945	2.00	23.72	1.10	22.66	Backwater	0 - 09:59 hrs	7.21	7.30	0.96	1.00	1.06	0.97	2.00	0.15	0.15	0.18	0.00	0.00	0
1314	☐	946	2.00	12.30	0.39	10.54	Backwater	0 - 09:53 hrs	3.36	4.25	0.86	1.00	1.75	0.65	2.00	0.94	0.94	1.11	0.00	0.01	3
1315	☐	948	2.00	11.52	0.26	13.67	ceeds Capac	0 - 10:44 hrs	4.50	4.95	1.19	1.00	-2.15	2.51	2.00	0.87	0.90	0.87	1.47	0.28	2
1316	☐	949	2.00	3.10	0.02	13.58	ceeds Capac	0 - 09:41 hrs	4.40	4.49	4.38	1.00	-10.48	2.53	2.00	0.90	1.70	0.90	9.52	0.88	5
1317	☐	95	1.50	10.70	0.88	13.50	ceeds Capac	0 - 09:41 hrs	7.64	7.64	1.26	1.00	-2.79	2.57	1.50	2.49	2.49	2.53	1.84	1.84	11
1318	☐	950	2.00	10.70	0.22	26.94	ceeds Capac	0 - 09:53 hrs	8.57	8.57	2.52	1.00	-16.24	2.61	2.00	0.96	1.28	0.96	1.93	0.92	4
1319	☐	951	2.00	24.42	1.16	26.94	ceeds Capac	0 - 09:53 hrs	8.57	8.57	1.10	1.00	-2.52	2.73	2.00	0.90	0.90	1.28	0.03	0.03	2
1320	☐	952	2.00	21.69	0.92	19.70	Backwater	0 - 09:59 hrs	6.27	7.56	0.91	1.00	1.98	2.13	2.00	0.82	0.82	0.87	0.00	0.00	5
1321	☐	953	2.00	21.86	0.93	19.76	Backwater	0 - 09:52 hrs	6.87	7.82	0.90	1.00	2.10	2.13	2.00	0.74	0.74	0.78	0.00	0.00	3
1322	☐	955	2.00	21.66	0.92	20.96	Backwater	0 - 09:52 hrs	7.11	7.85	0.97	1.00	0.70	2.13	2.00	0.67	0.67	0.71	0.00	0.00	3
1323	☐	956	1.50	11.13	0.96	10.20	Backwater	0 - 09:59 hrs	5.77	5.77	0.92	1.00	0.92	0.38	1.50	0.38	0.38	0.69	0.00	0.00	1

FUTURE CONDITIONS 5-YR 24-HR CLIMATE CHANGE CONDUITS

		ID	Full Depth (ft)	Full Flow (cfs)	Percent Slope (%)	Maximum Flow (cfs)	Maximum Flow Class	Max.Flow Day-Time (day-time)	Velocity at Maximum Flow (ft/s)	Maximum Velocity (ft/s)	Max.Flow/Fu ll Flow	Max.Depth/F ull Depth	Reserve Capacity (cfs)	Total Flow Volume (MG)	Maximum Top Width (ft)	Both End Surcharge Time (hrs)	Upstream Surcharge Time (hrs)	Downstream Surcharge Time (hrs)	Above Full-Flow Time (hrs)	Capacity Limited Time (hrs)	Instability Index
1324	☐	957	1.75	5.29	0.15	16.21	ceeds Capac	0 - 09:53 hrs	6.75	6.80	3.07	1.00	-10.92	1.75	1.75	0.61	2.07	0.61	3.01	0.61	6
1325	☐	958	2.50	60.69	2.19	36.23	Backwater	0 - 10:26 hrs	7.38	7.38	0.60	1.00	24.46	4.97	2.50	1.66	1.66	3.17	0.00	0.00	7
1326	☐	959	2.50	23.76	0.34	38.70	ceeds Capac	0 - 09:59 hrs	7.88	7.88	1.63	1.00	-14.94	5.11	2.50	1.66	1.82	1.66	2.02	1.66	10
1327	☐	96	1.50	10.67	0.88	13.50	ceeds Capac	0 - 09:41 hrs	7.64	7.64	1.26	1.00	-2.83	2.56	1.50	2.39	2.39	2.49	1.85	1.88	12
1328	☐	960	2.50	23.28	0.32	38.69	ceeds Capac	0 - 09:59 hrs	7.88	7.88	1.66	1.00	-15.41	5.11	2.50	1.82	1.90	1.82	2.05	1.82	11
1329	☐	961	2.50	23.50	0.33	38.69	ceeds Capac	0 - 09:59 hrs	7.88	7.88	1.65	1.00	-15.19	5.11	2.50	1.90	1.91	1.90	2.03	1.78	14
1330	☐	962	2.50	23.29	0.32	30.01	ceeds Capac	0 - 10:44 hrs	6.11	6.11	1.29	1.00	-6.73	4.05	2.50	1.87	1.87	1.91	1.07	1.10	12
1331	☐	963	2.50	23.21	0.32	30.01	ceeds Capac	0 - 10:44 hrs	6.11	6.11	1.29	1.00	-6.81	4.05	2.50	1.85	1.85	1.87	1.11	1.11	11
1332	☐	964	2.50	27.64	0.45	37.41	ceeds Capac	0 - 10:11 hrs	7.62	7.62	1.35	1.00	-9.76	4.33	2.50	1.67	1.67	1.84	1.16	1.14	11
1333	☐	965	2.50	21.21	0.27	37.41	ceeds Capac	0 - 10:07 hrs	7.62	7.62	1.76	1.00	-16.20	4.33	2.50	1.63	1.65	1.63	1.84	1.59	10
1334	☐	966	2.50	22.21	0.29	37.43	ceeds Capac	0 - 10:07 hrs	7.63	7.63	1.69	1.00	-15.22	4.33	2.50	1.63	1.63	1.64	1.69	1.38	12
1335	☐	967	3.00	79.91	1.44	46.17	Free Surface	0 - 09:59 hrs	11.66	11.66	0.58	0.56	33.74	2.93	3.00	0.00	0.00	0.00	0.00	0.00	0
1336	☐	968	2.50	23.39	0.33	37.42	ceeds Capac	0 - 10:03 hrs	7.62	7.62	1.60	1.00	-14.03	4.33	2.50	1.61	1.62	1.62	1.43	1.26	11
1337	☐	969	3.00	64.95	0.95	50.83	Backwater	0 - 10:03 hrs	7.19	7.19	0.78	1.00	14.11	3.26	3.00	0.87	0.87	1.35	0.00	0.00	3
1338	☐	97	1.50	11.10	0.95	13.50	ceeds Capac	0 - 09:41 hrs	7.64	7.64	1.22	1.00	-2.40	2.57	1.50	2.15	2.15	2.28	1.59	1.54	11
1339	☐	970	3.00	64.44	0.93	50.83	Backwater	0 - 10:04 hrs	7.19	8.07	0.79	1.00	13.61	3.25	3.00	0.29	0.29	0.87	0.00	0.00	1
1340	☐	971	3.00	64.42	0.93	50.84	Backwater	0 - 10:04 hrs	7.19	8.93	0.79	1.00	13.58	3.25	3.00	0.13	0.13	0.29	0.00	0.00	0
1341	☐	972	3.00	64.46	0.93	45.67	Free Surface	0 - 09:59 hrs	7.88	9.00	0.71	0.89	18.79	2.93	3.00	0.00	0.00	0.13	0.00	0.00	0
1342	☐	973	4.00	56.80	0.16	31.79	Backwater	0 - 00:04 hrs	2.71	5.69	0.56	1.00	25.01	1.01	3.92	23.93	23.93	23.93	0.00	0.38	74
1343	☐	974	5.00	95.60	0.13	115.72	ceeds Capac	0 - 10:15 hrs	5.89	5.89	1.21	1.00	-20.11	12.57	5.00	1.31	1.31	1.37	0.70	0.69	9
1344	☐	975	5.00	176.59	0.46	154.53	Backwater	0 - 10:03 hrs	7.87	7.87	0.88	1.00	22.05	12.84	5.00	1.15	1.15	1.30	0.00	0.00	8
1345	☐	976	3.50	55.62	0.31	34.97	Free Surface	0 - 10:00 hrs	5.05	5.06	0.63	0.68	20.65	1.47	3.50	0.00	0.00	0.00	0.00	0.00	0
1346	☐	977	3.50	33.76	0.11	38.67	Free Surface	0 - 09:59 hrs	4.19	4.19	1.15	0.96	-4.91	1.68	3.50	0.00	0.00	0.23	0.15	0.00	0
1347	☐	978	2.00	20.03	0.78	24.65	ceeds Capac	0 - 10:00 hrs	7.85	7.85	1.23	1.00	-4.62	1.11	2.00	0.23	0.23	0.25	0.16	0.16	1
1348	☐	979	3.75	101.61	0.71	83.83	Backwater	0 - 09:59 hrs	7.59	7.59	0.82	1.00	17.78	4.22	3.75	0.27	0.27	19.77	0.00	0.00	3
1349	☐	980	2.50	50.40	1.51	17.25	Backwater	0 - 10:03 hrs	3.51	8.79	0.34	1.00	33.15	0.80	2.50	0.48	0.48	0.53	0.00	0.01	2
1350	☐	981	2.50	28.35	0.48	20.93	Backwater	0 - 10:00 hrs	4.43	6.01	0.74	1.00	7.42	0.80	2.50	0.55	0.55	0.58	0.00	0.02	3
1351	☐	982	4.50	194.49	0.98	265.57	ceeds Capac	0 - 10:00 hrs	16.74	16.74	1.37	1.00	-71.08	29.77	4.50	0.97	1.03	0.97	1.04	0.97	6
1352	☐	983	2.50	14.73	0.13	13.94	Free Surface	0 - 10:04 hrs	4.26	4.26	0.95	0.63	0.80	0.64	2.50	0.00	0.00	0.00	0.00	0.00	0
1353	☐	985	2.50	28.85	0.49	13.88	Free Surface	0 - 10:04 hrs	5.20	5.27	0.48	0.54	14.97	0.64	2.50	0.00	0.00	0.00	0.00	0.00	0
1354	☐	989	2.75	50.67	0.92	29.23	Backwater	0 - 10:03 hrs	4.92	4.92	0.58	1.00	21.44	0.19	2.75	0.63	0.63	0.80	0.00	0.00	5
1355	☐	99	4.50	204.78	1.08	235.51	Free Surface	0 - 10:02 hrs	14.96	14.96	1.15	0.97	-30.73	29.85	4.50	0.00	0.99	0.00	1.04	0.00	5
1356	☐	990	2.75	29.92	0.32	29.20	Backwater	0 - 10:03 hrs	4.92	4.92	0.98	1.00	0.72	0.20	2.75	0.80	0.80	0.84	0.00	0.13	5
1357	☐	991	2.25	18.28	0.46	7.65	Backwater	0 - 09:52 hrs	1.97	1.97	0.42	1.00	10.63	0.00	2.25	0.07	0.07	0.58	0.00	0.00	0
1358	☐	992	2.75	30.92	0.46	29.22	Backwater	0 - 10:03 hrs	4.92	4.92	0.95	1.00	1.70	0.19	2.75	0.51	0.51	0.63	0.00	0.00	2
1359	☐	993	3.50	28.05	0.08	51.44	ceeds Capac	0 - 09:53 hrs	5.35	5.63	1.83	1.00	-23.39	7.15	3.50	3.31	3.31	3.51	2.37	2.01	18
1360	☐	994	3.50	53.46	0.28	69.84	ceeds Capac	0 - 10:03 hrs	7.26	7.26	1.31	1.00	-16.38	7.70	3.50	2.68	2.68	3.31	0.43	0.44	18
1361	☐	995	2.75	22.88	0.19	26.19	ceeds Capac	0 - 10:00 hrs	4.41	4.41	1.14	1.00	-3.31	2.53	2.75	4.45	4.45	8.92	0.43	0.44	28
1362	☐	996	2.75	42.09	0.63	27.56	Backwater	0 - 09:59 hrs	4.64	4.64	0.65	1.00	14.53	2.54	2.75	1.59	1.59	4.45	0.00	0.00	20
1363	☐	997	3.50	68.80	0.47	40.72	Backwater	0 - 09:53 hrs	4.23	4.23	0.59	1.00	28.08	5.79	3.50	10.69	10.69	14.61	0.00	0.00	48
1364	☐	998	2.00	19.92	0.78	16.30	Backwater	0 - 09:49 hrs	5.19	5.48	0.82	1.00	3.62	2.53	2.00	2.89	2.89	3.01	0.00	0.05	24
1365	☐	999	3.50	48.01	0.23	34.00	Backwater	0 - 09:59 hrs	3.53	3.56	0.71	1.00	14.01	4.98	3.50	3.98	3.98	5.90	0.00	0.01	34
1366	☐	CDT_13	4.00	254.25	3.13	184.08	Backwater	0 - 00:01 hrs	16.06	16.06	0.72	1.00	70.17	2.46	1.57	23.98	23.98	23.99	0.00	0.01	34
1367	☐	CDT_15	2.50	11.95	0.08	12.94	ceeds Capac	0 - 09:48 hrs	2.64	2.64	1.08	1.00	-0.99	1.76	2.50	17.12	17.12	18.46	0.27	0.29	39
1368	☐	CDT_17	4.50	88.03	0.20	193.01	Backwater	0 - 00:00 hrs	12.38	14.78	2.19	1.00	-104.99	6.50	1.76	23.98	23.98	23.99	0.07	0.05	74
1369	☐	CDT_19	4.50	74.23	0.14	264.14	ceeds Capac	0 - 00:00 hrs	16.68	16.68	3.56	1.00	-189.90	6.50	1.76	23.99	23.99	24.00	0.31	0.24	77
1370	☐	CDT_21	1.75	15.61	1.29	5.76	Free Surface	0 - 15:38 hrs	6.00	6.00	0.37	0.42	9.85	2.57	1.73	0.00	0.00	0.00	0.00	0.00	0
1371	☐	CDT_23	4.50	19.66	0.01	86.47	Free Surface	0 - 10:03 hrs	9.67	10.07	4.40	0.56	-66.80	0.91	4.50	0.00	0.00	0.00	1.07	0.00	4
1372	☐	CDT_25	6.50	386.70	0.54	417.65	Free Surface	0 - 10:08 hrs	13.29	13.43	1.08	0.90	-30.95	51.05	6.50	0.00	0.00	0.00	0.48	0.00	0

FUTURE CONDITIONS 5-YR 24-HR CLIMATE CHANGE CONDUITS

		ID	Full Depth (ft)	Full Flow (cfs)	Percent Slope (%)	Maximum Flow (cfs)	Maximum Flow Class	Max.Flow Day-Time (day-time)	Velocity at Maximum Flow (ft/s)	Maximum Velocity (ft/s)	Max.Flow/Fu ll Flow	Max.Depth/F ull Depth	Reserve Capacity (cfs)	Total Flow Volume (MG)	Maximum Top Width (ft)	Both End Surcharge Time (hrs)	Upstream Surcharge Time (hrs)	Downstream Surcharge Time (hrs)	Above Full-Flow Time (hrs)	Capacity Limited Time (hrs)	Instability Index
1373	☐	CDT_27	6.50	528.52	1.02	241.61	Free Surface	0 - 10:04 hrs	9.21	10.84	0.46	0.74	286.90	19.57	6.50	0.00	0.00	0.13	0.00	0.00	0
1374	☐	CDT_29	6.00	362.31	0.73	233.56	Free Surface	0 - 10:04 hrs	5.57	5.57	0.32	0.70	128.75	17.40	6.00	0.00	0.00	15.45	0.00	0.00	0
1375	☐	CDT_31	3.00	29.64	0.20	42.94	ceeds Capac	0 - 10:07 hrs	6.07	6.07	1.45	1.00	-13.30	2.86	3.00	0.76	0.76	0.77	0.75	0.56	3
1376	☐	CDT_33	3.00	42.15	0.40	42.90	ceeds Capac	0 - 10:07 hrs	6.07	6.07	1.02	1.00	-0.75	2.86	3.00	0.72	0.72	0.76	0.02	0.05	3
1377	☐	CDT_35	8.00	9,581.12	110.35	16.23	Free Surface	0 - 09:57 hrs	0.58	0.58	0.00	0.69	9,564.89	1.33	8.00	0.00	0.00	14.00	0.00	0.00	33
1378	☐	CDT_37	1.25	3.72	0.44	6.38	ceeds Capac	0 - 09:45 hrs	5.20	5.20	1.71	1.00	-2.66	0.89	1.25	2.23	2.23	2.37	2.05	2.02	10
1379	☐	WG_DI_COND_01	5.00	2,736.86	65.34	27.72	Backwater	0 - 09:56 hrs	2.17	3.13	0.01	1.00	2,709.14	2.35	5.00	0.23	0.23	2.02	0.00	0.00	3
1380	☐	WG_DI_COND_02	5.00	2,015.45	35.43	17.97	Backwater	0 - 09:22 hrs	4.60	4.60	0.01	1.00	1,997.48	5.45	5.00	0.59	3.86	0.59	0.00	0.00	0
1381	☐	WG_DI_COND_03	5.00	2,373.32	49.14	63.58	Free Surface	0 - 09:52 hrs	10.37	10.37	0.03	0.88	2,309.74	9.07	5.00	0.00	0.76	0.00	0.00	0.00	0
1382	☐	WG_DI_COND_04	5.00	2,673.17	62.34	12.00	Free Surface	0 - 09:56 hrs	3.40	3.47	0.00	0.66	2,661.17	0.71	5.00	0.00	0.00	0.42	0.00	0.00	0
1383	☐	WG_DI_COND_05	5.00	2,726.16	64.83	108.00	Free Surface	0 - 09:56 hrs	12.75	12.83	0.04	0.81	2,618.16	7.76	5.00	0.00	0.00	0.32	0.00	0.00	0
1384	☐	WG_DI_COND_06	3.50	429.07	10.76	26.35	Backwater	0 - 09:55 hrs	9.05	9.05	0.06	1.00	402.72	1.82	3.50	0.38	0.38	0.60	0.00	0.20	0

FUTURE CONDITIONS 20-YR 24-HR CLIMATE CHANGE SUBCATCHMENTS

		ID	Peak Runoff (cfs)	Peak Runoff Day Count (Elapsed Days)	Peak Runoff Time (hrs)	Total Precipitation (in)	Total Runon (in)	Total Evaporation (in)	Total Infiltration (in)	Impervious Runoff (in)	Pervious Runoff (in)	Total Runoff Depth (in)	Total Runoff Volume (MG)	Runoff Coefficient
1	☐	0	53.29	0	09:53 hrs	3.36	0.00	0.00	1.10	2.17	0.06	2.23	2.28	0.66
2	☐	1	28.19	0	09:53 hrs	3.36	0.00	0.00	0.95	1.88	0.52	2.39	1.09	0.71
3	☐	10	93.56	0	09:53 hrs	3.36	0.00	0.00	1.95	0.39	0.86	1.25	8.87	0.37
4	☐	100	35.90	0	09:53 hrs	3.03	0.00	0.00	0.87	1.74	0.40	2.14	1.61	0.70
5	☐	101	10.45	0	09:53 hrs	3.03	0.00	0.00	0.95	1.63	0.45	2.07	0.38	0.68
6	☐	102	25.13	0	09:53 hrs	3.03	0.00	0.00	0.93	1.65	0.43	2.08	1.07	0.69
7	☐	103	51.72	0	09:59 hrs	3.03	0.00	0.00	1.03	1.52	0.45	1.97	2.60	0.65
8	☐	104	27.14	0	09:53 hrs	3.03	0.00	0.00	0.92	1.66	0.42	2.08	1.18	0.69
9	☐	105	33.66	0	09:53 hrs	3.03	0.00	0.00	0.81	1.82	0.37	2.19	1.51	0.72
10	☐	106	39.22	0	09:53 hrs	3.03	0.00	0.00	0.82	1.81	0.38	2.19	1.74	0.72
11	☐	107	6.33	0	09:53 hrs	3.03	0.00	0.00	0.14	2.71	0.15	2.86	0.23	0.94
12	☐	108	8.76	0	09:59 hrs	3.03	0.00	0.00	1.97	0.15	0.91	1.06	0.35	0.35
13	☐	109	26.49	0	09:53 hrs	3.03	0.00	0.00	0.95	1.59	0.47	2.06	1.15	0.68
14	☐	11	44.28	0	09:53 hrs	3.36	0.00	0.00	1.03	1.78	0.52	2.30	1.94	0.69
15	☐	110	4.46	0	09:53 hrs	3.03	0.00	0.00	0.20	2.70	0.10	2.81	0.16	0.93
16	☐	111	14.80	0	09:53 hrs	3.03	0.00	0.00	0.74	1.92	0.35	2.27	0.57	0.75
17	☐	112	11.76	0	09:53 hrs	3.03	0.00	0.00	1.01	1.54	0.47	2.01	0.45	0.66
18	☐	113	5.32	0	09:53 hrs	3.03	0.00	0.00	0.22	2.68	0.11	2.79	0.19	0.92
19	☐	114	29.06	0	09:53 hrs	3.03	0.00	0.00	0.87	1.74	0.40	2.14	1.26	0.70
20	☐	115	12.05	0	09:53 hrs	3.03	0.00	0.00	0.94	1.63	0.44	2.07	0.45	0.68
21	☐	116	2.58	0	09:53 hrs	3.03	0.00	0.00	0.21	2.71	0.10	2.81	0.09	0.93
22	☐	117	19.09	0	09:53 hrs	3.03	0.00	0.00	0.59	2.14	0.28	2.42	0.73	0.80
23	☐	118	25.69	0	09:53 hrs	3.03	0.00	0.00	0.44	2.34	0.21	2.55	1.11	0.84
24	☐	119	32.21	0	09:53 hrs	3.03	0.00	0.00	0.59	2.13	0.27	2.40	1.50	0.79
25	☐	12	18.96	0	09:53 hrs	3.36	0.00	0.00	0.84	2.04	0.46	2.51	0.69	0.75
26	☐	120	18.95	0	09:53 hrs	3.03	0.00	0.00	0.92	1.67	0.42	2.10	0.77	0.69
27	☐	121	7.95	0	09:53 hrs	3.03	0.00	0.00	0.24	2.64	0.11	2.75	0.33	0.91
28	☐	122	15.47	0	09:53 hrs	3.03	0.00	0.00	0.21	2.67	0.10	2.77	0.64	0.92
29	☐	123	41.83	0	09:53 hrs	3.03	0.00	0.00	0.99	1.56	0.45	2.01	1.98	0.66
30	☐	124	17.26	0	09:53 hrs	3.03	0.00	0.00	0.95	1.63	0.44	2.07	0.68	0.68
31	☐	125	4.26	0	09:53 hrs	3.03	0.00	0.00	0.21	2.70	0.10	2.81	0.15	0.93
32	☐	126	38.13	0	09:53 hrs	3.03	0.00	0.00	0.76	1.89	0.35	2.23	1.76	0.74
33	☐	127	0.34	0	09:53 hrs	3.03	0.00	0.00	0.21	2.73	0.11	2.83	0.01	0.93
34	☐	128	36.91	0	09:53 hrs	3.03	0.00	0.00	0.55	2.18	0.26	2.44	1.63	0.80

FUTURE CONDITIONS 20-YR 24-HR CLIMATE CHANGE SUBCATCHMENTS

		ID	Peak Runoff (cfs)	Peak Runoff Day Count (Elapsed Days)	Peak Runoff Time (hrs)	Total Precipitation (in)	Total Runon (in)	Total Evaporation (in)	Total Infiltration (in)	Impervious Runoff (in)	Pervious Runoff (in)	Total Runoff Depth (in)	Total Runoff Volume (MG)	Runoff Coefficient
35	☐	129	23.01	0	09:53 hrs	3.03	0.00	0.00	0.73	1.93	0.34	2.27	0.99	0.75
36	☐	13	1.51	0	09:53 hrs	3.36	0.00	0.00	0.22	3.02	0.12	3.15	0.05	0.94
37	☐	130	4.83	0	09:53 hrs	3.03	0.00	0.00	0.63	2.09	0.30	2.39	0.16	0.79
38	☐	131	6.24	0	09:53 hrs	3.03	0.00	0.00	0.75	1.91	0.36	2.27	0.21	0.75
39	☐	132	5.81	0	09:53 hrs	3.03	0.00	0.00	0.57	2.17	0.28	2.45	0.19	0.81
40	☐	133	21.94	0	09:53 hrs	3.03	0.00	0.00	0.88	1.71	0.41	2.12	0.90	0.70
41	☐	134	58.00	0	09:53 hrs	3.03	0.00	0.00	0.80	1.84	0.36	2.20	2.79	0.73
42	☐	135	15.47	0	09:53 hrs	3.03	0.00	0.00	0.95	1.62	0.44	2.06	0.60	0.68
43	☐	136	15.62	0	09:53 hrs	3.03	0.00	0.00	0.96	1.60	0.45	2.05	0.61	0.68
44	☐	137	17.45	0	09:53 hrs	3.03	0.00	0.00	0.67	2.02	0.32	2.34	0.66	0.77
45	☐	138	42.24	0	09:53 hrs	3.03	0.00	0.00	0.91	1.68	0.41	2.09	1.96	0.69
46	☐	139	8.69	0	09:53 hrs	3.03	0.00	0.00	0.97	1.59	0.46	2.05	0.30	0.68
47	☐	14	20.84	0	09:53 hrs	3.36	0.00	0.00	1.30	1.76	0.29	2.05	0.81	0.61
48	☐	140	48.63	0	09:53 hrs	3.03	0.00	0.00	0.39	2.40	0.19	2.58	2.33	0.85
49	☐	141	24.14	0	09:53 hrs	3.03	0.00	0.00	0.59	2.13	0.28	2.40	1.03	0.79
50	☐	142	36.89	0	09:53 hrs	3.03	0.00	0.00	0.94	1.64	0.43	2.06	1.70	0.68
51	☐	143	20.80	0	09:53 hrs	3.03	0.00	0.00	0.75	1.91	0.35	2.26	0.80	0.75
52	☐	144	28.65	0	09:53 hrs	3.03	0.00	0.00	0.98	1.59	0.44	2.03	1.33	0.67
53	☐	145	39.69	0	09:53 hrs	3.03	0.00	0.00	0.74	1.92	0.34	2.26	1.71	0.75
54	☐	146	15.79	0	09:53 hrs	3.03	0.00	0.00	0.77	1.88	0.36	2.24	0.62	0.74
55	☐	147	20.28	0	09:53 hrs	3.03	0.00	0.00	0.96	1.60	0.44	2.05	0.84	0.68
56	☐	148	19.41	0	09:53 hrs	3.03	0.00	0.00	0.62	2.09	0.29	2.38	0.77	0.79
57	☐	149	29.52	0	09:53 hrs	3.03	0.00	0.00	0.93	1.65	0.42	2.08	1.33	0.69
58	☐	15	13.06	0	09:53 hrs	3.36	0.00	0.00	0.44	2.65	0.25	2.90	0.45	0.86
59	☐	150	20.64	0	09:53 hrs	3.03	0.00	0.00	0.78	1.86	0.37	2.23	0.81	0.73
60	☐	151	21.87	0	09:53 hrs	3.03	0.00	0.00	0.85	1.76	0.40	2.16	0.87	0.71
61	☐	152	24.65	0	09:53 hrs	3.03	0.00	0.00	0.96	1.61	0.44	2.05	1.05	0.68
62	☐	153	20.70	0	09:53 hrs	3.03	0.00	0.00	0.95	1.63	0.44	2.06	0.84	0.68
63	☐	154	22.48	0	09:53 hrs	3.03	0.00	0.00	0.90	1.70	0.41	2.11	0.95	0.70
64	☐	155	34.84	0	09:53 hrs	3.03	0.00	0.00	0.62	2.08	0.29	2.37	1.56	0.78
65	☐	156	20.64	0	09:53 hrs	3.03	0.00	0.00	0.93	1.66	0.43	2.08	0.86	0.69
66	☐	157	35.40	0	09:53 hrs	3.03	0.00	0.00	0.95	1.62	0.43	2.05	1.66	0.68
67	☐	158	22.18	0	09:53 hrs	3.03	0.00	0.00	0.99	1.56	0.46	2.02	0.94	0.67
68	☐	159	32.55	0	09:53 hrs	3.03	0.00	0.00	0.97	1.60	0.43	2.03	1.56	0.67

FUTURE CONDITIONS 20-YR 24-HR CLIMATE CHANGE SUBCATCHMENTS

		ID	Peak Runoff (cfs)	Peak Runoff Day Count (Elapsed Days)	Peak Runoff Time (hrs)	Total Precipitation (in)	Total Runon (in)	Total Evaporation (in)	Total Infiltration (in)	Impervious Runoff (in)	Pervious Runoff (in)	Total Runoff Depth (in)	Total Runoff Volume (MG)	Runoff Coefficient
69	☐	16	23.56	0	09:53 hrs	3.36	0.00	0.00	1.07	1.70	0.58	2.28	0.91	0.68
70	☐	160	38.44	0	09:53 hrs	3.03	0.00	0.00	0.22	2.64	0.11	2.75	1.84	0.91
71	☐	161	30.25	0	09:53 hrs	3.03	0.00	0.00	0.85	1.76	0.39	2.15	1.36	0.71
72	☐	162	40.54	0	09:53 hrs	3.03	0.00	0.00	0.93	1.65	0.42	2.07	1.94	0.68
73	☐	163	61.89	0	09:59 hrs	3.03	0.00	0.00	0.83	1.80	0.37	2.17	3.10	0.71
74	☐	164	27.44	0	09:53 hrs	3.03	0.00	0.00	0.79	1.84	0.37	2.21	1.16	0.73
75	☐	165	22.36	0	09:53 hrs	3.03	0.00	0.00	0.72	1.94	0.34	2.28	0.92	0.75
76	☐	166	58.10	0	09:53 hrs	3.03	0.00	0.00	0.51	2.23	0.24	2.47	2.77	0.81
77	☐	167	32.04	0	09:53 hrs	3.03	0.00	0.00	0.59	2.04	0.36	2.40	1.35	0.79
78	☐	168	15.55	0	09:53 hrs	3.03	0.00	0.00	0.33	2.48	0.18	2.67	0.59	0.88
79	☐	169	55.74	0	09:53 hrs	3.03	0.00	0.00	0.74	1.66	0.55	2.21	2.54	0.73
80	☐	17	46.60	0	09:53 hrs	3.36	0.00	0.00	1.06	1.72	0.56	2.28	2.03	0.68
81	☐	170	15.37	0	09:53 hrs	3.03	0.00	0.00	0.73	1.92	0.36	2.28	0.56	0.75
82	☐	171	38.67	0	09:53 hrs	3.03	0.00	0.00	0.73	1.60	0.62	2.22	1.63	0.73
83	☐	172	39.12	0	09:53 hrs	3.03	0.00	0.00	0.69	1.60	0.65	2.25	1.73	0.74
84	☐	173	27.31	0	09:53 hrs	3.03	0.00	0.00	0.78	1.63	0.55	2.18	1.13	0.72
85	☐	174	30.71	0	09:53 hrs	3.03	0.00	0.00	0.64	1.71	0.60	2.31	1.31	0.76
86	☐	175	27.48	0	09:53 hrs	3.03	0.00	0.00	0.50	1.93	0.52	2.45	1.11	0.81
87	☐	176	7.76	0	09:53 hrs	3.03	0.00	0.00	0.57	2.05	0.38	2.43	0.26	0.80
88	☐	177	29.05	0	09:53 hrs	3.03	0.00	0.00	0.61	1.86	0.49	2.35	1.17	0.78
89	☐	178	47.99	0	09:53 hrs	3.03	0.00	0.00	0.50	1.92	0.52	2.44	2.21	0.80
90	☐	179	15.93	0	09:53 hrs	3.03	0.00	0.00	0.10	2.79	0.10	2.89	0.63	0.95
91	☐	18	31.19	0	09:53 hrs	3.36	0.00	0.00	1.04	1.75	0.56	2.31	1.26	0.69
92	☐	180	36.55	0	09:53 hrs	3.36	0.00	0.00	0.78	2.12	0.43	2.55	1.47	0.76
93	☐	181	63.66	0	09:53 hrs	3.36	0.00	0.00	0.39	2.70	0.21	2.92	2.89	0.87
94	☐	182	28.49	0	09:53 hrs	3.36	0.00	0.00	0.86	2.00	0.47	2.47	1.10	0.74
95	☐	183	18.20	0	09:53 hrs	3.36	0.00	0.00	0.92	1.91	0.51	2.42	0.65	0.72
96	☐	184	25.66	0	09:53 hrs	3.36	0.00	0.00	0.86	2.01	0.47	2.48	0.98	0.74
97	☐	185	18.91	0	09:53 hrs	3.36	0.00	0.00	0.79	2.12	0.43	2.56	0.67	0.76
98	☐	186	31.60	0	09:53 hrs	3.36	0.00	0.00	0.95	1.87	0.52	2.39	1.24	0.71
99	☐	187	23.93	0	09:53 hrs	3.36	0.00	0.00	0.54	2.50	0.30	2.80	0.89	0.83
100	☐	188	42.32	0	09:53 hrs	3.36	0.00	0.00	0.84	2.04	0.45	2.50	1.74	0.74
101	☐	189	9.30	0	09:53 hrs	3.36	0.00	0.00	0.27	2.92	0.15	3.07	0.33	0.91
102	☐	19	32.89	0	09:53 hrs	3.36	0.00	0.00	1.51	1.81	0.01	1.82	1.41	0.54

FUTURE CONDITIONS 20-YR 24-HR CLIMATE CHANGE SUBCATCHMENTS

		ID	Peak Runoff (cfs)	Peak Runoff Day Count (Elapsed Days)	Peak Runoff Time (hrs)	Total Precipitation (in)	Total Runon (in)	Total Evaporation (in)	Total Infiltration (in)	Impervious Runoff (in)	Pervious Runoff (in)	Total Runoff Depth (in)	Total Runoff Volume (MG)	Runoff Coefficient
103	☐	190	13.71	0	09:59 hrs	3.36	0.00	0.00	2.10	0.17	1.01	1.18	1.28	0.35
104	☐	191	32.68	0	09:53 hrs	3.36	0.00	0.00	0.92	1.92	0.50	2.42	1.28	0.72
105	☐	192	38.51	0	09:53 hrs	3.36	0.00	0.00	0.94	1.89	0.51	2.40	1.56	0.71
106	☐	193	28.00	0	09:53 hrs	3.36	0.00	0.00	0.80	2.10	0.44	2.54	1.09	0.76
107	☐	194	99.03	0	09:59 hrs	3.36	0.00	0.00	0.28	2.85	0.16	3.00	5.25	0.89
108	☐	195	47.40	0	09:53 hrs	3.36	0.00	0.00	0.61	2.03	0.63	2.66	2.10	0.79
109	☐	196	61.27	0	09:53 hrs	3.36	0.00	0.00	0.99	1.72	0.60	2.32	2.80	0.69
110	☐	197	20.86	0	09:53 hrs	3.36	0.00	0.00	0.78	2.13	0.43	2.56	0.77	0.76
111	☐	198	52.76	0	09:53 hrs	3.36	0.00	0.00	0.68	2.28	0.37	2.65	2.27	0.79
112	☐	199	16.19	0	09:53 hrs	3.36	0.00	0.00	0.54	2.49	0.30	2.79	0.60	0.83
113	☐	2	49.91	0	09:53 hrs	3.36	0.00	0.00	0.74	2.19	0.40	2.59	2.18	0.77
114	☐	20	17.77	0	09:53 hrs	3.36	0.00	0.00	1.56	1.77	0.01	1.78	0.69	0.53
115	☐	200	54.98	0	09:53 hrs	3.36	0.00	0.00	0.94	1.90	0.50	2.39	2.55	0.71
116	☐	201	21.76	0	09:53 hrs	3.36	0.00	0.00	0.77	2.14	0.42	2.57	0.82	0.76
117	☐	202	50.23	0	09:53 hrs	3.36	0.00	0.00	1.00	1.80	0.54	2.34	2.17	0.70
118	☐	203	68.96	0	09:53 hrs	3.36	0.00	0.00	0.85	2.02	0.45	2.47	3.37	0.73
119	☐	204	13.90	0	09:53 hrs	3.36	0.00	0.00	0.82	1.77	0.71	2.48	0.50	0.74
120	☐	205	8.68	0	09:53 hrs	3.36	0.00	0.00	1.02	1.77	0.56	2.34	0.29	0.69
121	☐	206	24.74	0	09:53 hrs	3.36	0.00	0.00	1.04	1.74	0.56	2.30	0.99	0.68
122	☐	207	50.11	0	09:53 hrs	3.36	0.00	0.00	0.61	2.38	0.33	2.71	2.16	0.81
123	☐	208	27.46	0	09:53 hrs	3.36	0.00	0.00	0.98	1.84	0.54	2.37	0.95	0.71
124	☐	209	41.50	0	09:53 hrs	3.03	0.00	0.00	0.27	2.42	0.28	2.69	1.80	0.89
125	☐	21	30.82	0	09:53 hrs	3.36	0.00	0.00	0.82	2.07	0.45	2.51	1.23	0.75
126	☐	210	33.11	0	09:53 hrs	3.03	0.00	0.00	0.44	2.06	0.45	2.51	1.51	0.83
127	☐	211	39.91	0	09:53 hrs	3.03	0.00	0.00	0.47	2.17	0.33	2.50	1.81	0.82
128	☐	212	27.33	0	09:53 hrs	3.03	0.00	0.00	0.13	2.79	0.06	2.85	1.22	0.94
129	☐	213	24.50	0	09:53 hrs	3.03	0.00	0.00	0.74	1.92	0.34	2.27	1.00	0.75
130	☐	214	67.88	0	09:59 hrs	3.03	0.00	0.00	1.08	1.20	0.65	1.85	4.09	0.61
131	☐	215	52.76	0	09:59 hrs	3.03	0.00	0.00	0.84	1.78	0.38	2.16	2.58	0.71
132	☐	216	59.68	0	09:59 hrs	3.03	0.00	0.00	1.37	1.00	0.62	1.62	3.53	0.53
133	☐	217	92.71	0	09:59 hrs	3.03	0.00	0.00	1.37	1.08	0.54	1.62	5.77	0.53
134	☐	218	30.15	0	09:53 hrs	3.03	0.00	0.00	0.70	1.56	0.67	2.23	1.47	0.73
135	☐	219	107.11	0	09:59 hrs	3.03	0.00	0.00	1.16	1.08	0.68	1.75	6.91	0.58
136	☐	22	31.55	0	09:53 hrs	3.36	0.00	0.00	1.18	1.75	0.41	2.16	1.30	0.64

FUTURE CONDITIONS 20-YR 24-HR CLIMATE CHANGE SUBCATCHMENTS

		ID	Peak Runoff (cfs)	Peak Runoff Day Count (Elapsed Days)	Peak Runoff Time (hrs)	Total Precipitation (in)	Total Runon (in)	Total Evaporation (in)	Total Infiltration (in)	Impervious Runoff (in)	Pervious Runoff (in)	Total Runoff Depth (in)	Total Runoff Volume (MG)	Runoff Coefficient
137	☐	220	19.43	0	09:53 hrs	3.36	0.00	0.00	0.63	2.10	0.56	2.66	0.74	0.79
138	☐	221	38.67	0	09:53 hrs	3.36	0.00	0.00	1.00	1.76	0.57	2.33	1.74	0.69
139	☐	222	24.88	0	09:53 hrs	3.36	0.00	0.00	0.69	2.26	0.38	2.64	0.96	0.79
140	☐	223	12.59	0	09:53 hrs	3.03	0.00	0.00	0.89	1.71	0.42	2.13	0.46	0.70
141	☐	224	26.33	0	09:53 hrs	3.36	0.00	0.00	0.51	2.16	0.61	2.77	1.06	0.82
142	☐	225	35.42	0	09:53 hrs	3.36	0.00	0.00	0.51	2.14	0.62	2.76	1.53	0.82
143	☐	226	45.53	0	09:53 hrs	3.36	0.00	0.00	0.54	2.30	0.45	2.74	1.97	0.82
144	☐	227	48.86	0	09:53 hrs	3.36	0.00	0.00	0.73	1.73	0.79	2.52	2.35	0.75
145	☐	228	17.58	0	09:53 hrs	3.03	0.00	0.00	1.40	1.30	0.32	1.62	0.72	0.54
146	☐	229	43.62	0	09:53 hrs	3.03	0.00	0.00	0.67	1.81	0.49	2.30	1.76	0.76
147	☐	23	39.89	0	09:53 hrs	3.36	0.00	0.00	0.96	1.86	0.52	2.38	1.69	0.71
148	☐	230	21.92	0	09:53 hrs	3.36	0.00	0.00	0.79	2.01	0.53	2.55	0.73	0.76
149	☐	231	90.27	0	09:53 hrs	3.36	0.00	0.00	0.58	2.01	0.66	2.67	4.41	0.79
150	☐	232	43.96	0	09:53 hrs	3.36	0.00	0.00	0.52	2.10	0.64	2.74	1.91	0.82
151	☐	233	51.93	0	09:53 hrs	3.36	0.00	0.00	0.58	2.04	0.64	2.68	2.44	0.80
152	☐	234	30.71	0	09:53 hrs	3.36	0.00	0.00	0.62	2.07	0.59	2.66	1.28	0.79
153	☐	235	28.13	0	09:53 hrs	3.36	0.00	0.00	0.68	1.82	0.76	2.58	1.18	0.77
154	☐	236	31.86	0	09:53 hrs	3.36	0.00	0.00	0.64	1.83	0.78	2.62	1.39	0.78
155	☐	237	35.87	0	09:53 hrs	3.36	0.00	0.00	0.66	1.78	0.81	2.59	1.60	0.77
156	☐	238	30.12	0	09:53 hrs	3.36	0.00	0.00	0.77	1.79	0.71	2.50	1.28	0.74
157	☐	239	32.34	0	09:53 hrs	3.36	0.00	0.00	0.66	1.79	0.80	2.59	1.44	0.77
158	☐	24	10.10	0	09:53 hrs	3.36	0.00	0.00	0.85	2.03	0.47	2.50	0.34	0.74
159	☐	240	46.54	0	09:53 hrs	3.36	0.00	0.00	0.55	2.02	0.68	2.70	2.13	0.80
160	☐	241	22.79	0	09:53 hrs	3.36	0.00	0.00	1.38	1.97	0.00	1.97	0.86	0.59
161	☐	242	16.38	0	09:53 hrs	3.36	0.00	0.00	1.49	1.77	0.09	1.86	0.59	0.55
162	☐	243	18.06	0	09:53 hrs	3.36	0.00	0.00	0.99	1.73	0.61	2.34	0.65	0.70
163	☐	244	34.35	0	09:53 hrs	3.36	0.00	0.00	0.68	1.73	0.84	2.57	1.47	0.76
164	☐	245	19.93	0	09:53 hrs	3.36	0.00	0.00	0.88	1.76	0.66	2.42	0.76	0.72
165	☐	246	30.42	0	09:53 hrs	3.36	0.00	0.00	1.00	1.80	0.54	2.34	1.24	0.70
166	☐	247	42.47	0	09:53 hrs	3.36	0.00	0.00	1.04	1.74	0.55	2.29	1.99	0.68
167	☐	248	61.80	0	09:53 hrs	3.36	0.00	0.00	1.08	1.68	0.57	2.25	2.99	0.67
168	☐	249	27.74	0	09:53 hrs	3.36	0.00	0.00	0.66	2.30	0.37	2.67	1.08	0.79
169	☐	25	22.73	0	09:53 hrs	3.36	0.00	0.00	1.03	1.75	0.56	2.31	0.86	0.69
170	☐	250	15.66	0	09:53 hrs	3.36	0.00	0.00	0.68	2.29	0.38	2.67	0.54	0.79

FUTURE CONDITIONS 20-YR 24-HR CLIMATE CHANGE SUBCATCHMENTS

		ID	Peak Runoff (cfs)	Peak Runoff Day Count (Elapsed Days)	Peak Runoff Time (hrs)	Total Precipitation (in)	Total Runon (in)	Total Evaporation (in)	Total Infiltration (in)	Impervious Runoff (in)	Pervious Runoff (in)	Total Runoff Depth (in)	Total Runoff Volume (MG)	Runoff Coefficient
171	☐	251	54.58	0	09:53 hrs	3.36	0.00	0.00	0.76	2.15	0.41	2.57	2.37	0.76
172	☐	252	3.29	0	09:53 hrs	3.36	0.00	0.00	1.35	2.01	0.00	2.01	0.12	0.60
173	☐	253	12.83	0	09:53 hrs	3.36	0.00	0.00	1.41	1.72	0.22	1.94	0.46	0.58
174	☐	254	31.18	0	09:53 hrs	3.36	0.00	0.00	0.85	2.02	0.47	2.48	1.25	0.74
175	☐	255	7.16	0	09:53 hrs	3.36	0.00	0.00	0.78	2.14	0.43	2.58	0.23	0.77
176	☐	256	6.90	0	09:53 hrs	3.36	0.00	0.00	0.28	2.90	0.16	3.07	0.23	0.91
177	☐	257	21.24	0	09:53 hrs	3.36	0.00	0.00	0.74	2.19	0.41	2.60	0.78	0.77
178	☐	258	20.46	0	09:53 hrs	3.36	0.00	0.00	0.66	2.31	0.37	2.68	0.75	0.80
179	☐	259	12.05	0	09:53 hrs	3.36	0.00	0.00	0.22	2.99	0.13	3.12	0.43	0.93
180	☐	26	50.69	0	09:53 hrs	3.36	0.00	0.00	0.95	1.87	0.51	2.38	2.21	0.71
181	☐	260	20.44	0	09:53 hrs	3.36	0.00	0.00	0.79	2.12	0.43	2.55	0.74	0.76
182	☐	261	24.98	0	09:53 hrs	3.36	0.00	0.00	0.89	1.96	0.49	2.45	0.95	0.73
183	☐	262	33.70	0	09:53 hrs	3.36	0.00	0.00	0.45	2.63	0.25	2.87	1.36	0.86
184	☐	263	22.78	0	09:53 hrs	3.36	0.00	0.00	1.25	1.88	0.21	2.09	0.87	0.62
185	☐	264	34.65	0	09:53 hrs	3.36	0.00	0.00	0.86	2.01	0.47	2.47	1.40	0.74
186	☐	265	31.62	0	09:53 hrs	3.36	0.00	0.00	1.12	1.95	0.27	2.22	1.25	0.66
187	☐	266	6.52	0	09:53 hrs	3.36	0.00	0.00	1.02	1.78	0.57	2.35	0.20	0.70
188	☐	267	7.10	0	09:53 hrs	3.36	0.00	0.00	0.91	1.74	0.67	2.41	0.23	0.72
189	☐	268	9.00	0	09:53 hrs	3.36	0.00	0.00	0.94	1.88	0.53	2.41	0.29	0.72
190	☐	269	11.81	0	09:53 hrs	3.36	0.00	0.00	0.72	2.10	0.51	2.61	0.41	0.78
191	☐	27	38.74	0	09:53 hrs	3.36	0.00	0.00	0.77	2.30	0.26	2.56	1.60	0.76
192	☐	270	22.38	0	09:53 hrs	3.36	0.00	0.00	0.84	1.81	0.65	2.46	0.88	0.73
193	☐	271	20.55	0	09:53 hrs	3.36	0.00	0.00	0.87	1.83	0.62	2.44	0.77	0.73
194	☐	272	53.24	0	09:53 hrs	3.36	0.00	0.00	0.90	1.94	0.49	2.43	2.31	0.72
195	☐	273	29.52	0	09:53 hrs	3.36	0.00	0.00	1.42	1.85	0.09	1.93	1.07	0.58
196	☐	274	13.60	0	09:53 hrs	3.36	0.00	0.00	1.72	1.55	0.08	1.64	0.48	0.49
197	☐	275	10.95	0	09:53 hrs	3.36	0.00	0.00	2.00	1.34	0.02	1.36	0.38	0.40
198	☐	276	38.62	0	09:53 hrs	3.36	0.00	0.00	1.37	1.95	0.01	1.96	1.56	0.58
199	☐	277	13.29	0	09:53 hrs	3.36	0.00	0.00	1.98	1.36	0.02	1.38	0.46	0.41
200	☐	278	25.83	0	09:53 hrs	3.36	0.00	0.00	0.73	2.27	0.34	2.61	0.99	0.78
201	☐	279	31.62	0	09:53 hrs	3.36	0.00	0.00	1.00	1.80	0.54	2.34	1.28	0.70
202	☐	28	37.84	0	09:53 hrs	3.36	0.00	0.00	1.03	1.75	0.55	2.31	1.61	0.69
203	☐	280	52.61	0	09:53 hrs	3.36	0.00	0.00	1.07	1.83	0.44	2.26	2.19	0.67
204	☐	281	7.99	0	09:53 hrs	3.36	0.00	0.00	1.06	1.71	0.59	2.30	0.26	0.68

FUTURE CONDITIONS 20-YR 24-HR CLIMATE CHANGE SUBCATCHMENTS

		ID	Peak Runoff (cfs)	Peak Runoff Day Count (Elapsed Days)	Peak Runoff Time (hrs)	Total Precipitation (in)	Total Runon (in)	Total Evaporation (in)	Total Infiltration (in)	Impervious Runoff (in)	Pervious Runoff (in)	Total Runoff Depth (in)	Total Runoff Volume (MG)	Runoff Coefficient
205	☐	282	5.78	0	09:53 hrs	3.36	0.00	0.00	0.66	2.33	0.37	2.70	0.18	0.80
206	☐	283	14.59	0	09:53 hrs	3.36	0.00	0.00	1.02	1.77	0.56	2.33	0.51	0.69
207	☐	284	42.57	0	09:53 hrs	3.36	0.00	0.00	0.87	1.99	0.47	2.47	1.72	0.73
208	☐	285	29.81	0	09:53 hrs	3.36	0.00	0.00	0.75	1.89	0.64	2.53	1.21	0.75
209	☐	286	6.46	0	09:53 hrs	3.36	0.00	0.00	0.28	2.70	0.35	3.05	0.22	0.91
210	☐	287	44.09	0	09:53 hrs	3.36	0.00	0.00	0.38	2.45	0.45	2.90	1.87	0.86
211	☐	288	49.75	0	09:53 hrs	3.36	0.00	0.00	1.27	1.34	0.74	2.08	1.88	0.62
212	☐	289	25.56	0	09:53 hrs	3.36	0.00	0.00	0.09	3.11	0.11	3.22	1.08	0.96
213	☐	29	42.21	0	09:53 hrs	3.36	0.00	0.00	0.99	1.82	0.53	2.35	1.85	0.70
214	☐	290	24.92	0	09:53 hrs	3.36	0.00	0.00	0.09	3.10	0.11	3.21	1.09	0.96
215	☐	291	54.37	0	09:53 hrs	3.36	0.00	0.00	1.26	1.33	0.74	2.07	2.37	0.61
216	☐	292	53.95	0	09:53 hrs	3.36	0.00	0.00	0.60	2.27	0.42	2.69	2.41	0.80
217	☐	293	5.92	0	09:53 hrs	3.03	0.00	0.00	0.67	2.04	0.32	2.36	0.19	0.78
218	☐	294	1.78	0	09:53 hrs	3.36	0.00	0.00	0.22	3.03	0.13	3.16	0.06	0.94
219	☐	295	18.97	0	09:53 hrs	3.36	0.00	0.00	0.65	2.60	0.09	2.68	0.71	0.80
220	☐	296	58.91	0	09:53 hrs	3.03	0.00	0.00	0.38	2.18	0.38	2.56	2.77	0.85
221	☐	297	7.94	0	09:53 hrs	3.36	0.00	0.00	0.27	2.82	0.24	3.06	0.26	0.91
222	☐	298	88.83	0	09:59 hrs	3.03	0.00	0.00	0.22	2.54	0.19	2.73	4.52	0.90
223	☐	299	66.26	0	09:59 hrs	3.36	0.00	0.00	1.07	1.70	0.55	2.26	3.50	0.67
224	☐	3	19.65	0	09:53 hrs	3.36	0.00	0.00	0.46	2.78	0.09	2.87	0.73	0.85
225	☐	30	39.29	0	09:53 hrs	3.03	0.00	0.00	1.31	0.66	0.93	1.59	2.54	0.52
226	☐	300	57.05	0	09:53 hrs	3.36	0.00	0.00	1.01	1.79	0.53	2.32	2.68	0.69
227	☐	301	16.70	0	09:53 hrs	3.03	0.00	0.00	0.91	1.58	0.52	2.09	0.67	0.69
228	☐	302	41.81	0	09:53 hrs	3.03	0.00	0.00	1.01	1.54	0.45	1.99	2.04	0.66
229	☐	303	32.66	0	09:53 hrs	3.03	0.00	0.00	0.77	1.87	0.35	2.22	1.50	0.73
230	☐	304	10.59	0	09:53 hrs	3.03	0.00	0.00	0.34	2.49	0.17	2.66	0.40	0.88
231	☐	305	26.72	0	09:53 hrs	3.03	0.00	0.00	0.94	1.63	0.43	2.06	1.14	0.68
232	☐	306	23.70	0	09:53 hrs	3.03	0.00	0.00	0.81	1.83	0.38	2.20	0.92	0.73
233	☐	307	37.69	0	09:53 hrs	3.36	0.00	0.00	0.75	2.09	0.48	2.57	1.55	0.76
234	☐	308	55.59	0	09:53 hrs	3.36	0.00	0.00	0.32	2.81	0.18	2.99	2.58	0.89
235	☐	309	15.99	0	09:53 hrs	3.36	0.00	0.00	1.18	1.68	0.49	2.17	0.57	0.65
236	☐	31	54.26	0	09:53 hrs	3.03	0.00	0.00	0.78	1.74	0.46	2.20	2.44	0.73
237	☐	310	35.34	0	09:53 hrs	3.36	0.00	0.00	0.62	2.36	0.34	2.70	1.42	0.80
238	☐	311	24.52	0	09:53 hrs	3.03	0.00	0.00	0.81	1.82	0.38	2.20	1.00	0.72

FUTURE CONDITIONS 20-YR 24-HR CLIMATE CHANGE SUBCATCHMENTS

		ID	Peak Runoff (cfs)	Peak Runoff Day Count (Elapsed Days)	Peak Runoff Time (hrs)	Total Precipitation (in)	Total Runon (in)	Total Evaporation (in)	Total Infiltration (in)	Impervious Runoff (in)	Pervious Runoff (in)	Total Runoff Depth (in)	Total Runoff Volume (MG)	Runoff Coefficient
239	☐	312	37.78	0	09:53 hrs	3.03	0.00	0.00	0.29	2.37	0.30	2.68	1.51	0.88
240	☐	313	10.48	0	09:53 hrs	3.36	0.00	0.00	0.25	2.84	0.23	3.07	0.38	0.91
241	☐	314	10.91	0	09:53 hrs	3.03	0.00	0.00	0.24	2.59	0.16	2.75	0.41	0.91
242	☐	315	27.02	0	09:53 hrs	3.03	0.00	0.00	0.66	1.59	0.68	2.27	1.09	0.75
243	☐	316	65.40	0	09:59 hrs	3.03	0.00	0.00	0.50	1.92	0.51	2.43	3.39	0.80
244	☐	317	25.04	0	09:53 hrs	3.03	0.00	0.00	0.46	2.03	0.47	2.50	1.00	0.82
245	☐	318	12.02	0	09:53 hrs	3.03	0.00	0.00	0.72	1.94	0.34	2.29	0.45	0.75
246	☐	319	34.31	0	09:53 hrs	3.03	0.00	0.00	0.66	2.03	0.31	2.34	1.47	0.77
247	☐	32	19.44	0	09:53 hrs	3.03	0.00	0.00	0.80	1.60	0.57	2.17	0.77	0.71
248	☐	320	39.77	0	09:53 hrs	3.03	0.00	0.00	0.46	2.23	0.29	2.52	1.68	0.83
249	☐	321	13.03	0	09:53 hrs	3.03	0.00	0.00	0.40	2.41	0.19	2.60	0.51	0.86
250	☐	322	20.57	0	09:53 hrs	3.03	0.00	0.00	0.30	2.54	0.14	2.69	0.90	0.89
251	☐	323	32.29	0	09:53 hrs	3.36	0.00	0.00	0.57	1.99	0.70	2.69	1.39	0.80
252	☐	324	23.46	0	09:53 hrs	3.03	0.00	0.00	0.85	1.76	0.39	2.15	1.01	0.71
253	☐	325	25.89	0	09:53 hrs	3.03	0.00	0.00	0.96	1.61	0.44	2.05	1.18	0.67
254	☐	326	51.92	0	09:53 hrs	3.03	0.00	0.00	0.64	2.05	0.30	2.35	2.44	0.77
255	☐	327	14.43	0	09:53 hrs	3.03	0.00	0.00	0.90	1.69	0.43	2.11	0.52	0.70
256	☐	328	17.58	0	09:53 hrs	3.03	0.00	0.00	0.76	1.89	0.35	2.25	0.70	0.74
257	☐	329	28.08	0	09:53 hrs	3.03	0.00	0.00	0.80	1.84	0.37	2.21	1.15	0.73
258	☐	33	38.28	0	09:53 hrs	3.03	0.00	0.00	0.68	1.70	0.56	2.26	1.73	0.75
259	☐	330	13.36	0	09:53 hrs	3.03	0.00	0.00	0.35	2.48	0.17	2.65	0.51	0.87
260	☐	331	52.19	0	09:53 hrs	3.36	0.00	0.00	0.86	2.00	0.46	2.46	2.32	0.73
261	☐	332	26.65	0	09:53 hrs	3.03	0.00	0.00	0.62	1.67	0.64	2.31	1.17	0.76
262	☐	333	56.52	0	09:53 hrs	3.36	0.00	0.00	0.69	1.76	0.80	2.56	2.76	0.76
263	☐	334	43.44	0	09:53 hrs	3.36	0.00	0.00	0.36	2.47	0.44	2.91	1.96	0.87
264	☐	335	57.86	0	09:59 hrs	3.03	0.00	0.00	0.32	2.50	0.15	2.65	2.87	0.87
265	☐	336	40.24	0	09:53 hrs	3.03	0.00	0.00	0.53	2.21	0.25	2.46	1.77	0.81
266	☐	337	24.43	0	09:53 hrs	3.03	0.00	0.00	0.69	1.99	0.32	2.31	0.99	0.76
267	☐	338	23.43	0	09:53 hrs	3.03	0.00	0.00	0.44	2.34	0.21	2.55	0.95	0.84
268	☐	339	16.29	0	09:53 hrs	3.03	0.00	0.00	0.59	2.13	0.28	2.41	0.64	0.80
269	☐	34	18.75	0	09:53 hrs	3.36	0.00	0.00	1.10	1.65	0.60	2.24	0.74	0.67
270	☐	340	35.87	0	09:53 hrs	3.36	0.00	0.00	0.26	2.90	0.15	3.05	1.52	0.91
271	☐	341	8.90	0	09:53 hrs	3.36	0.00	0.00	0.95	1.87	0.52	2.40	0.31	0.71
272	☐	342	59.78	0	09:53 hrs	3.36	0.00	0.00	0.12	3.10	0.07	3.17	2.96	0.94

FUTURE CONDITIONS 20-YR 24-HR CLIMATE CHANGE SUBCATCHMENTS

		ID	Peak Runoff (cfs)	Peak Runoff Day Count (Elapsed Days)	Peak Runoff Time (hrs)	Total Precipitation (in)	Total Runon (in)	Total Evaporation (in)	Total Infiltration (in)	Impervious Runoff (in)	Pervious Runoff (in)	Total Runoff Depth (in)	Total Runoff Volume (MG)	Runoff Coefficient
273	☐	343	41.09	0	09:53 hrs	3.36	0.00	0.00	0.17	3.03	0.10	3.13	1.87	0.93
274	☐	344	2.63	0	09:53 hrs	3.36	0.00	0.00	0.18	3.06	0.10	3.17	0.09	0.94
275	☐	345	5.13	0	09:53 hrs	3.36	0.00	0.00	0.54	2.53	0.31	2.83	0.16	0.84
276	☐	346	45.96	0	09:53 hrs	3.36	0.00	0.00	0.71	2.22	0.39	2.61	1.91	0.78
277	☐	347	21.50	0	09:53 hrs	3.36	0.00	0.00	0.64	2.35	0.35	2.70	0.79	0.80
278	☐	348	36.82	0	09:53 hrs	3.36	0.00	0.00	1.02	1.78	0.54	2.32	1.63	0.69
279	☐	349	27.85	0	09:53 hrs	3.36	0.00	0.00	1.27	1.81	0.26	2.07	1.13	0.62
280	☐	35	41.18	0	09:53 hrs	3.36	0.00	0.00	1.07	1.70	0.56	2.27	1.89	0.67
281	☐	350	51.49	0	09:53 hrs	3.36	0.00	0.00	0.82	2.07	0.44	2.51	2.23	0.75
282	☐	351	43.20	0	09:53 hrs	3.36	0.00	0.00	1.49	1.85	0.00	1.85	1.77	0.55
283	☐	352	2.78	0	09:53 hrs	3.03	0.00	0.00	0.78	2.25	0.00	2.25	0.10	0.74
284	☐	353	14.00	0	09:53 hrs	3.36	0.00	0.00	0.54	2.81	0.00	2.81	0.52	0.83
285	☐	354	198.12	0	09:53 hrs	3.36	0.00	0.00	2.81	0.53	0.00	0.54	9.35	0.16
286	☐	355	8.35	0	09:53 hrs	3.03	0.00	0.00	0.84	1.82	0.36	2.18	0.29	0.72
287	☐	356	7.39	0	09:53 hrs	3.36	0.00	0.00	0.25	2.95	0.14	3.10	0.26	0.92
288	☐	357	75.11	0	09:53 hrs	3.36	0.00	0.00	1.73	0.72	0.85	1.56	4.95	0.46
289	☐	358	12.47	0	09:53 hrs	3.36	0.00	0.00	0.27	2.91	0.15	3.06	0.46	0.91
290	☐	359	22.13	0	09:53 hrs	3.36	0.00	0.00	0.92	1.92	0.50	2.43	0.83	0.72
291	☐	36	35.77	0	09:53 hrs	3.03	0.00	0.00	0.60	2.06	0.33	2.40	1.48	0.79
292	☐	360	10.85	0	09:53 hrs	3.03	0.00	0.00	0.80	1.84	0.38	2.22	0.40	0.73
293	☐	361	12.22	0	09:53 hrs	3.03	0.00	0.00	1.02	1.53	0.48	2.00	0.45	0.66
294	☐	362	24.77	0	09:53 hrs	3.03	0.00	0.00	0.83	1.79	0.38	2.17	1.07	0.72
295	☐	363	14.05	0	09:53 hrs	3.03	0.00	0.00	0.68	2.01	0.32	2.33	0.53	0.77
296	☐	364	22.32	0	09:53 hrs	3.03	0.00	0.00	1.00	1.54	0.46	2.01	0.91	0.66
297	☐	365	33.59	0	09:53 hrs	3.03	0.00	0.00	0.94	1.64	0.42	2.07	1.52	0.68
298	☐	366	24.73	0	09:53 hrs	3.03	0.00	0.00	0.49	2.27	0.24	2.51	0.97	0.83
299	☐	367	55.27	0	09:53 hrs	3.36	0.00	0.00	0.73	1.78	0.74	2.52	2.69	0.75
300	☐	368	29.24	0	09:53 hrs	3.36	0.00	0.00	0.98	1.83	0.53	2.36	1.16	0.70
301	☐	369	58.81	0	09:53 hrs	3.36	0.00	0.00	0.50	2.54	0.28	2.81	2.51	0.84
302	☐	37	28.56	0	09:53 hrs	3.03	0.00	0.00	0.84	1.67	0.49	2.16	1.17	0.71
303	☐	370	11.34	0	09:53 hrs	3.36	0.00	0.00	0.41	2.70	0.23	2.93	0.41	0.87
304	☐	371	70.89	0	09:53 hrs	3.36	0.00	0.00	0.33	2.79	0.18	2.97	3.54	0.88
305	☐	372	12.18	0	09:53 hrs	3.36	0.00	0.00	0.11	3.14	0.07	3.21	0.48	0.95
306	☐	373	29.84	0	09:53 hrs	3.36	0.00	0.00	1.00	1.74	0.59	2.33	1.22	0.69

FUTURE CONDITIONS 20-YR 24-HR CLIMATE CHANGE SUBCATCHMENTS

		ID	Peak Runoff (cfs)	Peak Runoff Day Count (Elapsed Days)	Peak Runoff Time (hrs)	Total Precipitation (in)	Total Runon (in)	Total Evaporation (in)	Total Infiltration (in)	Impervious Runoff (in)	Pervious Runoff (in)	Total Runoff Depth (in)	Total Runoff Volume (MG)	Runoff Coefficient
307	☐	374	14.35	0	09:53 hrs	3.36	0.00	0.00	0.32	2.80	0.21	3.01	0.52	0.90
308	☐	375	20.49	0	09:53 hrs	3.03	0.00	0.00	0.63	1.87	0.47	2.35	0.77	0.77
309	☐	376	20.74	0	09:53 hrs	3.36	0.00	0.00	0.81	2.09	0.45	2.53	0.77	0.75
310	☐	377	5.43	0	09:53 hrs	3.36	0.00	0.00	0.29	2.91	0.16	3.07	0.18	0.91
311	☐	378	8.07	0	09:53 hrs	3.36	0.00	0.00	0.22	2.99	0.13	3.12	0.28	0.93
312	☐	379	31.41	0	09:53 hrs	3.36	0.00	0.00	0.81	2.08	0.45	2.52	1.22	0.75
313	☐	38	64.68	0	09:53 hrs	3.36	0.00	0.00	0.94	1.77	0.59	2.36	3.06	0.70
314	☐	380	24.19	0	09:53 hrs	3.36	0.00	0.00	0.64	2.34	0.36	2.69	0.90	0.80
315	☐	381	14.31	0	09:53 hrs	3.36	0.00	0.00	0.63	2.36	0.35	2.71	0.52	0.81
316	☐	382	7.05	0	09:53 hrs	3.36	0.00	0.00	1.06	1.97	0.33	2.30	0.21	0.68
317	☐	383	28.67	0	09:53 hrs	3.36	0.00	0.00	0.97	1.85	0.53	2.37	1.13	0.71
318	☐	384	32.34	0	09:53 hrs	3.36	0.00	0.00	0.84	2.04	0.46	2.50	1.28	0.74
319	☐	385	24.76	0	09:53 hrs	3.36	0.00	0.00	0.20	3.00	0.11	3.11	1.01	0.93
320	☐	386	31.51	0	09:53 hrs	3.36	0.00	0.00	1.02	1.78	0.55	2.33	1.19	0.69
321	☐	387	8.15	0	09:53 hrs	3.36	0.00	0.00	1.07	1.70	0.60	2.30	0.24	0.68
322	☐	388	10.60	0	09:53 hrs	3.36	0.00	0.00	0.74	1.86	0.69	2.55	0.37	0.76
323	☐	389	4.89	0	09:53 hrs	3.36	0.00	0.00	1.03	2.34	0.00	2.34	0.17	0.70
324	☐	39	22.92	0	09:53 hrs	3.36	0.00	0.00	1.00	1.81	0.54	2.35	0.87	0.70
325	☐	390	5.70	0	09:53 hrs	3.36	0.00	0.00	1.61	1.75	0.00	1.75	0.20	0.52
326	☐	391	14.24	0	09:53 hrs	3.36	0.00	0.00	0.92	1.92	0.51	2.43	0.50	0.72
327	☐	392	14.48	0	09:53 hrs	3.36	0.00	0.00	0.99	1.81	0.55	2.36	0.51	0.70
328	☐	393	16.20	0	09:53 hrs	3.36	0.00	0.00	0.96	1.87	0.53	2.39	0.57	0.71
329	☐	394	15.41	0	09:53 hrs	3.36	0.00	0.00	0.73	2.20	0.41	2.61	0.54	0.78
330	☐	395	18.38	0	09:53 hrs	3.36	0.00	0.00	1.09	1.66	0.59	2.26	0.71	0.67
331	☐	396	17.12	0	09:53 hrs	3.36	0.00	0.00	0.68	2.29	0.38	2.66	0.62	0.79
332	☐	397	39.32	0	09:53 hrs	3.36	0.00	0.00	1.02	1.77	0.55	2.32	1.64	0.69
333	☐	398	18.28	0	09:53 hrs	3.36	0.00	0.00	0.85	2.03	0.47	2.50	0.67	0.74
334	☐	399	34.05	0	09:53 hrs	3.36	0.00	0.00	0.43	2.65	0.24	2.89	1.38	0.86
335	☐	4	12.82	0	09:53 hrs	3.36	0.00	0.00	0.31	2.84	0.18	3.02	0.46	0.90
336	☐	40	23.21	0	09:53 hrs	3.36	0.00	0.00	1.05	1.73	0.57	2.29	0.94	0.68
337	☐	400	62.78	0	09:53 hrs	3.36	0.00	0.00	1.00	1.81	0.53	2.34	2.95	0.69
338	☐	401	15.28	0	09:53 hrs	3.36	0.00	0.00	0.78	2.13	0.43	2.56	0.54	0.76
339	☐	402	23.04	0	09:53 hrs	3.03	0.00	0.00	0.85	1.66	0.50	2.16	0.83	0.71
340	☐	403	13.24	0	09:53 hrs	3.03	0.00	0.00	0.57	1.78	0.59	2.37	0.52	0.78

FUTURE CONDITIONS 20-YR 24-HR CLIMATE CHANGE SUBCATCHMENTS

		ID	Peak Runoff (cfs)	Peak Runoff Day Count (Elapsed Days)	Peak Runoff Time (hrs)	Total Precipitation (in)	Total Runon (in)	Total Evaporation (in)	Total Infiltration (in)	Impervious Runoff (in)	Pervious Runoff (in)	Total Runoff Depth (in)	Total Runoff Volume (MG)	Runoff Coefficient
341	☐	404	35.93	0	09:53 hrs	3.03	0.00	0.00	0.69	1.52	0.70	2.23	1.74	0.73
342	☐	405	23.76	0	09:53 hrs	3.03	0.00	0.00	0.61	1.71	0.62	2.33	1.01	0.77
343	☐	406	65.79	0	09:53 hrs	3.03	0.00	0.00	0.35	2.46	0.17	2.62	3.14	0.87
344	☐	407	33.94	0	09:53 hrs	3.36	0.00	0.00	1.05	1.73	0.57	2.30	1.34	0.68
345	☐	408	5.51	0	09:53 hrs	3.36	0.00	0.00	0.22	3.01	0.12	3.13	0.19	0.93
346	☐	409	4.46	0	09:53 hrs	3.36	0.00	0.00	0.28	2.92	0.16	3.08	0.15	0.92
347	☐	41	46.93	0	09:53 hrs	3.36	0.00	0.00	1.02	1.77	0.54	2.31	2.10	0.69
348	☐	410	28.98	0	09:53 hrs	3.36	0.00	0.00	1.07	2.22	0.05	2.26	1.15	0.67
349	☐	411	14.76	0	09:53 hrs	3.36	0.00	0.00	0.94	2.33	0.07	2.40	0.55	0.71
350	☐	412	12.77	0	09:53 hrs	3.36	0.00	0.00	1.24	2.10	0.00	2.10	0.49	0.62
351	☐	413	9.47	0	09:53 hrs	3.36	0.00	0.00	0.72	2.62	0.01	2.63	0.35	0.78
352	☐	414	30.34	0	09:53 hrs	3.36	0.00	0.00	0.90	1.94	0.49	2.44	1.18	0.72
353	☐	415	17.79	0	09:53 hrs	3.36	0.00	0.00	1.00	1.80	0.55	2.35	0.64	0.70
354	☐	416	30.03	0	09:53 hrs	3.36	0.00	0.00	0.83	2.05	0.46	2.50	1.16	0.74
355	☐	417	10.44	0	09:53 hrs	3.36	0.00	0.00	1.07	1.69	0.59	2.29	0.34	0.68
356	☐	418	21.03	0	09:53 hrs	3.36	0.00	0.00	0.61	2.38	0.34	2.72	0.81	0.81
357	☐	419	11.94	0	09:53 hrs	3.36	0.00	0.00	0.23	2.97	0.13	3.10	0.46	0.92
358	☐	42	29.37	0	09:53 hrs	3.36	0.00	0.00	0.64	2.64	0.05	2.69	1.12	0.80
359	☐	420	5.14	0	09:53 hrs	3.36	0.00	0.00	0.34	3.00	0.00	3.00	0.19	0.89
360	☐	421	51.92	0	09:53 hrs	3.36	0.00	0.00	1.24	1.44	0.63	2.08	2.85	0.62
361	☐	422	46.01	0	09:53 hrs	3.36	0.00	0.00	0.85	2.02	0.46	2.48	1.98	0.74
362	☐	423	3.98	0	09:53 hrs	3.03	0.00	0.00	0.51	1.92	0.53	2.45	0.14	0.81
363	☐	424	15.76	0	09:53 hrs	3.03	0.00	0.00	0.43	2.09	0.44	2.53	0.62	0.84
364	☐	425	39.03	0	09:53 hrs	3.03	0.00	0.00	0.55	1.81	0.57	2.38	1.81	0.79
365	☐	426	54.23	0	09:59 hrs	3.03	0.00	0.00	0.84	1.29	0.77	2.06	3.03	0.68
366	☐	427	14.17	0	09:53 hrs	3.03	0.00	0.00	0.83	1.25	0.86	2.10	0.53	0.69
367	☐	428	25.55	0	09:53 hrs	3.03	0.00	0.00	0.42	2.11	0.43	2.53	1.01	0.84
368	☐	429	45.22	0	09:53 hrs	3.03	0.00	0.00	0.69	1.99	0.32	2.31	1.94	0.76
369	☐	43	40.07	0	09:53 hrs	3.36	0.00	0.00	0.96	1.84	0.53	2.37	1.68	0.71
370	☐	430	11.30	0	09:53 hrs	3.03	0.00	0.00	0.99	1.56	0.46	2.03	0.42	0.67
371	☐	431	40.01	0	09:53 hrs	3.03	0.00	0.00	0.86	1.75	0.39	2.14	1.83	0.71
372	☐	432	36.34	0	09:53 hrs	3.03	0.00	0.00	0.96	1.61	0.44	2.05	1.59	0.68
373	☐	433	40.09	0	09:53 hrs	3.03	0.00	0.00	0.89	1.71	0.40	2.11	1.87	0.70
374	☐	434	45.48	0	09:53 hrs	3.03	0.00	0.00	0.64	2.06	0.30	2.36	1.96	0.78

FUTURE CONDITIONS 20-YR 24-HR CLIMATE CHANGE SUBCATCHMENTS

		ID	Peak Runoff (cfs)	Peak Runoff Day Count (Elapsed Days)	Peak Runoff Time (hrs)	Total Precipitation (in)	Total Runon (in)	Total Evaporation (in)	Total Infiltration (in)	Impervious Runoff (in)	Pervious Runoff (in)	Total Runoff Depth (in)	Total Runoff Volume (MG)	Runoff Coefficient
375	☐	435	21.16	0	09:53 hrs	3.03	0.00	0.00	0.84	1.78	0.39	2.17	0.86	0.72
376	☐	436	15.32	0	09:53 hrs	3.03	0.00	0.00	0.43	2.09	0.45	2.53	0.56	0.84
377	☐	437	24.57	0	09:53 hrs	3.03	0.00	0.00	0.49	1.95	0.51	2.45	1.03	0.81
378	☐	438	46.19	0	09:53 hrs	3.03	0.00	0.00	0.34	2.26	0.35	2.61	2.08	0.86
379	☐	439	38.12	0	09:53 hrs	3.03	0.00	0.00	0.68	1.62	0.63	2.25	1.75	0.74
380	☐	44	51.27	0	09:53 hrs	3.36	0.00	0.00	1.02	1.77	0.54	2.31	2.34	0.69
381	☐	440	35.20	0	09:53 hrs	3.03	0.00	0.00	0.67	2.01	0.31	2.33	1.53	0.77
382	☐	441	7.72	0	09:53 hrs	3.03	0.00	0.00	0.89	1.92	0.21	2.13	0.26	0.70
383	☐	442	82.31	0	09:59 hrs	3.03	0.00	0.00	0.83	1.79	0.37	2.15	4.39	0.71
384	☐	443	3.35	0	09:53 hrs	3.03	0.00	0.00	0.69	2.00	0.34	2.33	0.11	0.77
385	☐	444	21.02	0	09:53 hrs	3.03	0.00	0.00	0.38	2.43	0.18	2.61	0.89	0.86
386	☐	445	29.63	0	09:53 hrs	3.03	0.00	0.00	0.96	1.61	0.43	2.04	1.37	0.67
387	☐	446	14.62	0	09:53 hrs	3.03	0.00	0.00	0.93	1.59	0.49	2.08	0.58	0.69
388	☐	447	20.47	0	09:53 hrs	3.36	0.00	0.00	0.99	1.82	0.54	2.36	0.76	0.70
389	☐	448	20.24	0	09:53 hrs	3.36	0.00	0.00	1.11	1.64	0.61	2.24	0.73	0.67
390	☐	449	19.21	0	09:53 hrs	3.36	0.00	0.00	0.22	2.98	0.12	3.10	0.78	0.92
391	☐	45	71.02	0	09:53 hrs	3.03	0.00	0.00	0.61	1.74	0.58	2.32	3.51	0.77
392	☐	450	11.41	0	09:53 hrs	3.36	0.00	0.00	0.74	2.20	0.41	2.61	0.39	0.78
393	☐	451	10.16	0	09:53 hrs	3.36	0.00	0.00	1.07	1.69	0.60	2.29	0.32	0.68
394	☐	452	20.10	0	09:53 hrs	3.03	0.00	0.00	0.44	2.12	0.40	2.52	0.79	0.83
395	☐	453	73.39	0	09:59 hrs	3.36	0.00	0.00	0.64	2.07	0.55	2.62	3.81	0.78
396	☐	454	78.06	0	09:53 hrs	3.03	0.00	0.00	0.79	1.49	0.64	2.13	4.04	0.70
397	☐	455	7.84	0	09:53 hrs	3.03	0.00	0.00	0.41	2.32	0.27	2.59	0.27	0.86
398	☐	456	53.17	0	09:53 hrs	3.36	0.00	0.00	1.06	1.72	0.55	2.28	2.55	0.68
399	☐	457	20.86	0	09:53 hrs	3.03	0.00	0.00	0.37	2.29	0.31	2.60	0.79	0.86
400	☐	458	26.78	0	09:53 hrs	3.03	0.00	0.00	0.64	1.95	0.39	2.34	1.11	0.77
401	☐	459	37.63	0	09:53 hrs	3.36	0.00	0.00	0.74	2.19	0.40	2.59	1.59	0.77
402	☐	46	25.17	0	09:53 hrs	3.03	0.00	0.00	0.38	2.19	0.40	2.59	0.94	0.85
403	☐	460	11.83	0	09:53 hrs	3.03	0.00	0.00	0.25	2.62	0.12	2.75	0.44	0.91
404	☐	461	47.02	0	09:59 hrs	3.03	0.00	0.00	0.30	2.53	0.14	2.67	2.33	0.88
405	☐	462	65.61	0	09:59 hrs	3.03	0.00	0.00	0.24	2.60	0.12	2.72	3.34	0.90
406	☐	463	28.92	0	09:53 hrs	3.36	0.00	0.00	0.35	2.77	0.20	2.97	1.17	0.88
407	☐	464	6.23	0	09:53 hrs	3.03	0.00	0.00	0.72	1.96	0.34	2.31	0.20	0.76
408	☐	465	11.49	0	09:53 hrs	3.03	0.00	0.00	1.08	1.43	0.50	1.94	0.44	0.64

FUTURE CONDITIONS 20-YR 24-HR CLIMATE CHANGE SUBCATCHMENTS

		ID	Peak Runoff (cfs)	Peak Runoff Day Count (Elapsed Days)	Peak Runoff Time (hrs)	Total Precipitation (in)	Total Runon (in)	Total Evaporation (in)	Total Infiltration (in)	Impervious Runoff (in)	Pervious Runoff (in)	Total Runoff Depth (in)	Total Runoff Volume (MG)	Runoff Coefficient
409	☐	466	3.43	0	09:53 hrs	3.03	0.00	0.00	1.39	0.99	0.66	1.64	0.11	0.54
410	☐	467	27.48	0	09:53 hrs	3.03	0.00	0.00	0.62	2.06	0.32	2.38	1.14	0.78
411	☐	468	7.08	0	09:53 hrs	3.36	0.00	0.00	0.92	2.37	0.06	2.43	0.25	0.72
412	☐	469	25.68	0	09:53 hrs	3.36	0.00	0.00	1.04	2.29	0.00	2.29	1.03	0.68
413	☐	47	26.04	0	09:53 hrs	3.03	0.00	0.00	0.30	2.37	0.30	2.66	1.09	0.88
414	☐	470	9.25	0	09:53 hrs	3.03	0.00	0.00	0.80	1.83	0.38	2.21	0.33	0.73
415	☐	471	2.72	0	09:53 hrs	3.36	0.00	0.00	0.55	2.52	0.32	2.83	0.08	0.84
416	☐	472	2.56	0	09:53 hrs	3.36	0.00	0.00	0.54	2.54	0.31	2.85	0.08	0.85
417	☐	473	2.67	0	09:53 hrs	3.36	0.00	0.00	0.22	3.01	0.12	3.13	0.09	0.93
418	☐	474	12.46	0	09:53 hrs	3.36	0.00	0.00	0.99	2.35	0.00	2.35	0.48	0.70
419	☐	475	222.89	0	09:59 hrs	3.36	0.00	0.00	1.18	1.43	0.64	2.07	14.91	0.61
420	☐	476	197.19	0	09:59 hrs	3.36	0.00	0.00	1.24	1.31	0.71	2.02	12.16	0.60
421	☐	477	57.93	0	09:59 hrs	3.03	0.00	0.00	1.20	1.32	0.48	1.79	3.60	0.59
422	☐	478	49.51	0	09:53 hrs	3.36	0.00	0.00	0.40	2.39	0.49	2.88	2.05	0.86
423	☐	479	13.22	0	09:59 hrs	3.36	0.00	0.00	2.10	0.17	1.04	1.21	1.06	0.36
424	☐	48	52.01	0	09:53 hrs	3.03	0.00	0.00	0.50	2.00	0.45	2.45	2.28	0.81
425	☐	480	17.77	0	09:53 hrs	3.36	0.00	0.00	1.17	1.55	0.63	2.17	0.74	0.65
426	☐	481	47.72	0	09:53 hrs	3.36	0.00	0.00	0.97	1.84	0.52	2.36	2.20	0.70
427	☐	489	29.70	0	09:59 hrs	3.03	0.00	0.00	2.02	0.19	0.75	0.94	3.02	0.31
428	☐	49	22.06	0	09:53 hrs	3.03	0.00	0.00	0.18	2.72	0.09	2.81	0.88	0.93
429	☐	490	23.35	0	09:53 hrs	3.36	0.00	0.00	1.25	1.43	0.66	2.09	1.07	0.62
430	☐	491	9.53	0	09:59 hrs	3.36	0.00	0.00	2.10	0.17	1.06	1.23	0.66	0.37
431	☐	492	3.02	0	09:53 hrs	3.36	0.00	0.00	1.23	1.46	0.67	2.13	0.11	0.63
432	☐	493	28.04	0	09:53 hrs	3.36	0.00	0.00	1.24	1.45	0.65	2.10	1.32	0.62
433	☐	494	153.51	0	09:59 hrs	3.36	0.00	0.00	1.24	1.43	0.61	2.04	9.63	0.61
434	☐	496	12.98	0	09:59 hrs	3.03	0.00	0.00	2.00	0.23	0.78	1.00	1.12	0.33
435	☐	5	20.43	0	09:53 hrs	3.36	0.00	0.00	0.85	2.02	0.47	2.49	0.79	0.74
436	☐	50	26.62	0	09:53 hrs	3.03	0.00	0.00	0.64	2.07	0.30	2.37	1.02	0.78
437	☐	51	28.42	0	09:53 hrs	3.03	0.00	0.00	0.55	2.19	0.26	2.45	1.08	0.81
438	☐	52	52.00	0	09:53 hrs	3.03	0.00	0.00	0.70	1.92	0.38	2.29	2.35	0.76
439	☐	53	45.52	0	09:53 hrs	3.03	0.00	0.00	0.49	2.09	0.37	2.46	2.11	0.81
440	☐	54	43.35	0	09:53 hrs	3.03	0.00	0.00	0.34	2.48	0.16	2.64	1.93	0.87
441	☐	55	50.90	0	09:53 hrs	3.03	0.00	0.00	0.41	2.38	0.19	2.57	2.36	0.85
442	☐	56	44.60	0	09:53 hrs	3.03	0.00	0.00	0.43	2.35	0.20	2.55	2.04	0.84

FUTURE CONDITIONS 20-YR 24-HR CLIMATE CHANGE SUBCATCHMENTS

		ID	Peak Runoff (cfs)	Peak Runoff Day Count (Elapsed Days)	Peak Runoff Time (hrs)	Total Precipitation (in)	Total Runoff (in)	Total Evaporation (in)	Total Infiltration (in)	Impervious Runoff (in)	Pervious Runoff (in)	Total Runoff Depth (in)	Total Runoff Volume (MG)	Runoff Coefficient
443		57	30.87	0	09:53 hrs	3.03	0.00	0.00	0.56	2.17	0.26	2.44	1.29	0.80
444		58	31.62	0	09:53 hrs	3.03	0.00	0.00	0.77	1.72	0.49	2.21	1.34	0.73
445		59	32.96	0	09:53 hrs	3.03	0.00	0.00	0.52	1.92	0.51	2.42	1.41	0.80
446		6	8.48	0	09:53 hrs	3.36	0.00	0.00	0.71	2.58	0.06	2.64	0.30	0.79
447		60	7.31	0	09:53 hrs	3.03	0.00	0.00	0.67	2.03	0.33	2.36	0.24	0.78
448		61	38.26	0	09:53 hrs	3.03	0.00	0.00	0.45	2.06	0.44	2.50	1.71	0.82
449		62	21.76	0	09:53 hrs	3.03	0.00	0.00	0.50	1.92	0.52	2.44	0.93	0.81
450		63	42.30	0	09:53 hrs	3.03	0.00	0.00	0.72	1.59	0.62	2.21	1.99	0.73
451		64	47.69	0	09:53 hrs	3.03	0.00	0.00	0.92	1.62	0.48	2.09	1.82	0.69
452		65	37.59	0	09:53 hrs	3.03	0.00	0.00	1.26	1.05	0.70	1.75	1.46	0.58
453		66	18.98	0	09:53 hrs	3.03	0.00	0.00	0.69	1.71	0.57	2.27	0.68	0.75
454		67	37.75	0	09:53 hrs	3.03	0.00	0.00	0.86	1.51	0.61	2.12	1.42	0.70
455		68	41.97	0	09:53 hrs	3.03	0.00	0.00	1.21	1.22	0.60	1.82	1.57	0.60
456		69	51.80	0	09:53 hrs	3.03	0.00	0.00	0.56	1.87	0.51	2.38	2.30	0.79
457		7	5.39	0	09:53 hrs	3.36	0.00	0.00	0.21	3.01	0.12	3.13	0.19	0.93
458		70	23.89	0	09:53 hrs	3.03	0.00	0.00	0.42	2.09	0.44	2.53	1.01	0.83
459		71	45.33	0	09:53 hrs	3.36	0.00	0.00	0.60	1.92	0.73	2.65	2.20	0.79
460		72	51.21	0	09:53 hrs	3.36	0.00	0.00	0.65	1.80	0.79	2.59	2.54	0.77
461		73	5.85	0	09:53 hrs	3.03	0.00	0.00	0.59	1.75	0.62	2.36	0.20	0.78
462		74	14.35	0	09:53 hrs	3.03	0.00	0.00	0.70	1.51	0.72	2.23	0.60	0.74
463		75	47.62	0	09:53 hrs	3.36	0.00	0.00	0.65	1.81	0.79	2.60	2.29	0.77
464		76	12.84	0	09:53 hrs	3.03	0.00	0.00	0.63	1.67	0.65	2.32	0.50	0.76
465		77	61.64	0	09:53 hrs	3.03	0.00	0.00	0.31	2.51	0.15	2.66	2.96	0.88
466		78	26.52	0	09:53 hrs	3.03	0.00	0.00	0.10	2.82	0.05	2.87	1.22	0.95
467		79	29.21	0	09:53 hrs	3.03	0.00	0.00	0.64	2.05	0.30	2.36	1.16	0.78
468		8	219.86	0	09:59 hrs	3.36	0.00	0.00	1.69	0.76	0.71	1.47	18.98	0.44
469		80	44.22	0	09:53 hrs	3.03	0.00	0.00	0.34	2.49	0.16	2.65	1.98	0.87
470		81	45.75	0	09:53 hrs	3.03	0.00	0.00	0.36	2.45	0.17	2.63	1.99	0.87
471		82	73.66	0	09:59 hrs	3.03	0.00	0.00	0.31	2.46	0.19	2.65	3.69	0.88
472		83	93.83	0	09:59 hrs	3.03	0.00	0.00	0.73	1.91	0.34	2.25	5.04	0.74
473		84	65.70	0	09:59 hrs	3.03	0.00	0.00	0.60	2.10	0.28	2.38	3.17	0.79
474		85	60.99	0	09:59 hrs	3.03	0.00	0.00	0.47	2.28	0.22	2.50	3.10	0.83
475		86	61.41	0	09:59 hrs	3.03	0.00	0.00	0.16	2.67	0.12	2.79	3.19	0.92
476		87	84.79	0	09:59 hrs	3.03	0.00	0.00	0.18	2.68	0.09	2.77	4.64	0.91

FUTURE CONDITIONS 20-YR 24-HR CLIMATE CHANGE SUBCATCHMENTS

		ID	Peak Runoff (cfs)	Peak Runoff Day Count (Elapsed Days)	Peak Runoff Time (hrs)	Total Precipitation (in)	Total Runon (in)	Total Evaporation (in)	Total Infiltration (in)	Impervious Runoff (in)	Pervious Runoff (in)	Total Runoff Depth (in)	Total Runoff Volume (MG)	Runoff Coefficient
477	☐	88	43.14	0	09:53 hrs	3.03	0.00	0.00	0.24	2.47	0.25	2.71	2.06	0.90
478	☐	89	82.22	0	09:59 hrs	3.03	0.00	0.00	0.26	2.41	0.27	2.68	4.26	0.88
479	☐	9	10.53	0	09:53 hrs	3.36	0.00	0.00	0.23	2.97	0.13	3.11	0.38	0.92
480	☐	90	106.42	0	09:59 hrs	3.03	0.00	0.00	0.11	2.72	0.11	2.83	5.76	0.93
481	☐	91	68.77	0	09:53 hrs	3.03	0.00	0.00	0.25	2.44	0.25	2.70	3.31	0.89
482	☐	92	26.33	0	09:53 hrs	3.03	0.00	0.00	0.12	2.73	0.12	2.85	1.18	0.94
483	☐	93	60.56	0	09:53 hrs	3.03	0.00	0.00	0.29	2.54	0.15	2.69	2.88	0.89
484	☐	94	2.26	0	09:53 hrs	3.03	0.00	0.00	0.14	2.72	0.15	2.87	0.08	0.95
485	☐	95	3.14	0	09:53 hrs	3.03	0.00	0.00	0.17	2.71	0.13	2.84	0.11	0.94
486	☐	96	56.63	0	09:59 hrs	3.03	0.00	0.00	0.90	1.70	0.40	2.10	2.86	0.69
487	☐	97	26.63	0	09:53 hrs	3.03	0.00	0.00	0.99	1.57	0.45	2.02	1.14	0.67
488	☐	98	3.51	0	09:53 hrs	3.03	0.00	0.00	0.20	2.71	0.10	2.81	0.12	0.93
489	☐	99	25.15	0	09:53 hrs	3.03	0.00	0.00	0.88	1.72	0.41	2.13	1.06	0.70

FUTURE CONDITIONS 20-YR 24-HR CLIMATE CHANGE JUNCTIONS

		ID	Maximum Depth (ft)	Maximum HGL (ft)	Maximum HGL Head Class	Freeboard (ft)	Max.Depth Day-Time (day-time)	Maximum Lateral Inflow (cfs)	Maximum Total Inflow (cfs)	Lateral Inflow Volume (MG)	Total Inflow Volume (MG)	Flow Volume Difference (#)	Total Surcharge Time (hrs)	Max.Surchar ge Height Above Crown	Min.Surchar ge Depth Below Rim (ft)	Total Flood Volume (MG)	Total Flood Time (hrs)	Maximum Flood Rate (cfs)	Max.Flood Day-Time (day-time)
1	☐	AC3_OTL	0.74	82.13	Flow Link Crow	1.01	0 - 12:45 hrs	0.00	5.76	0.00	2.74	107.63	0.00	0.00	0.00	0.00	0.00	0.00	0 - 00:00 hrs
2	☐	CP_OV_OTL_1	6.92	42.10	Flow Link Crow	-4.92	0 - 12:48 hrs	0.00	2.89	0.00	0.01	1,138.19	0.00	0.00	0.00	0.00	0.00	0.00	0 - 00:00 hrs
3	☐	ELD_OTL	20.61	118.03	Surcharged	-17.11	0 - 13:52 hrs	0.00	81.04	0.00	4.78	70,989.97	24.38	17.11	0.00	0.00	0.00	0.00	0 - 00:00 hrs
4	☐	ID_1	6.89	42.47	w Maximum C	1.51	0 - 09:57 hrs	29.06	47.48	1.25	4.38	1,284.79	18.06	3.99	1.51	0.00	0.00	0.00	0 - 00:00 hrs
5	☐	ID_10	7.18	35.48	Surcharged	-2.98	0 - 16:51 hrs	0.00	8.80	0.00	4.13	556.15	40.26	5.18	0.00	0.00	0.00	0.00	0 - 00:00 hrs
6	☐	ID_11	11.07	51.00	w Maximum C	0.00	0 - 00:00 hrs	0.00	179.37	0.00	4.89	3,178.22	0.01	6.07	0.00	0.01	0.00	139.53	0 - 00:00 hrs
7	☐	ID_12	12.63	98.50	w Maximum C	0.00	0 - 09:53 hrs	0.00	65.34	0.00	5.13	-43.50	0.99	8.95	0.00	0.00	0.00	13.13	0 - 09:53 hrs
8	☐	ID_13	5.90	38.67	w Maximum C	2.33	0 - 09:59 hrs	0.00	296.76	0.00	30.81	5,691.58	0.34	0.40	2.33	0.00	0.00	0.00	0 - 00:00 hrs
9	☐	ID_14	4.42	52.07	Flow Link Crow	5.78	0 - 10:02 hrs	0.00	432.12	0.00	69.26	1,207.48	0.00	0.00	0.00	0.00	0.00	0.00	0 - 00:00 hrs
10	☐	ID_2	15.01	82.68	Surcharged	0.00	0 - 09:49 hrs	0.00	161.25	0.00	19.10	299.83	5.08	10.51	0.00	0.00	0.00	14.29	0 - 09:49 hrs
11	☐	ID_3	5.37	84.29	Surcharged	0.00	0 - 09:45 hrs	0.00	23.36	0.00	2.77	216.24	2.57	3.12	0.00	0.08	0.70	6.17	0 - 09:45 hrs
12	☐	ID_4	11.92	41.78	Surcharged	-9.28	0 - 18:30 hrs	0.00	9.71	0.00	4.15	-42.58	28.44	5.42	0.00	0.00	0.00	0.00	0 - 00:00 hrs
13	☐	ID_5	11.39	41.04	Surcharged	-8.54	0 - 13:18 hrs	0.00	8.82	0.00	4.16	573.56	40.50	9.39	0.00	0.00	0.00	0.00	0 - 00:00 hrs
14	☐	ID_6	10.90	40.33	Surcharged	-7.83	0 - 13:29 hrs	0.00	8.79	0.00	4.15	631.66	40.47	8.90	0.00	0.00	0.00	0.00	0 - 00:00 hrs
15	☐	ID_7	10.29	39.47	Surcharged	-6.97	0 - 17:15 hrs	0.00	8.78	0.00	4.15	1,299.99	40.44	8.29	0.00	0.00	0.00	0.00	0 - 00:00 hrs
16	☐	ID_8	8.69	37.27	Surcharged	-4.77	0 - 13:41 hrs	0.00	8.78	0.00	4.14	730.21	40.28	6.69	0.00	0.00	0.00	0.00	0 - 00:00 hrs
17	☐	ID_9	8.12	36.47	Surcharged	-3.97	0 - 13:25 hrs	0.00	8.78	0.00	4.13	559.39	40.26	6.12	0.00	0.00	0.00	0.00	0 - 00:00 hrs
18	☐	JCT_12	3.76	99.76	Flow Link Crow	0.74	0 - 09:55 hrs	0.00	90.14	0.00	3.55	-11.05	0.00	0.00	0.00	0.00	0.00	0.00	0 - 00:00 hrs
19	☐	JCT_14	10.70	86.56	Surcharged	-2.70	0 - 15:10 hrs	0.00	12.08	0.00	1.92	53,879.53	29.09	2.70	0.00	0.00	0.00	0.00	0 - 00:00 hrs
20	☐	JCT_CL512	2.55	54.09	Flow Link Crow	53.99	0 - 10:04 hrs	75.34	282.88	2.85	23.98	3,545.36	0.00	0.00	0.00	0.00	0.00	0.00	0 - 00:00 hrs
21	☐	MB_OTL	6.97	98.83	Surcharged	-4.97	0 - 10:06 hrs	0.00	43.81	0.00	9.36	-3,090.68	0.66	1.11	0.00	0.00	0.00	0.00	0 - 00:00 hrs
22	☐	MKP_OTL	6.42	98.81	Surcharged	-4.92	0 - 10:23 hrs	0.00	17.26	0.00	1.48	-75.94	8.14	3.55	0.00	0.00	0.00	0.00	0 - 00:00 hrs
23	☐	MONTEBELLA_DITCH_OVF	10.30	100.13	w Maximum C	0.00	0 - 09:55 hrs	198.12	198.12	9.29	9.29	0.00	1.14	5.80	0.00	0.20	0.22	59.54	0 - 09:59 hrs
24	☐	MONTEBELLA_DITCH_OVF2	9.20	98.18	w Maximum C	0.00	0 - 09:55 hrs	0.00	40.32	0.00	0.21	0.00	1.62	6.05	0.00	0.20	0.31	40.32	0 - 10:08 hrs
25	☐	MS_200_221	4.70	51.86	Flow Link Crow	5.68	0 - 10:06 hrs	104.12	312.22	4.21	26.91	1,983.82	0.00	0.00	0.00	0.00	0.00	0.00	0 - 00:00 hrs
26	☐	SWCB-D3-010	4.74	86.76	w Maximum C	3.68	0 - 12:33 hrs	0.00	26.68	0.00	1.47	0.00	28.45	2.49	3.68	0.00	0.00	0.00	0 - 00:00 hrs
27	☐	SWCB-E3-003	4.42	86.67	w Maximum C	2.48	0 - 12:14 hrs	8.90	8.90	0.31	0.31	0.00	28.36	2.42	2.48	0.00	0.00	0.00	0 - 00:00 hrs
28	☐	SWCB-E3-005	4.30	86.69	w Maximum C	0.92	0 - 11:47 hrs	0.00	2.65	0.00	0.09	486.83	28.24	2.30	0.92	0.00	0.00	0.00	0 - 00:00 hrs
29	☐	SWCB-E3-007	4.62	86.68	w Maximum C	0.98	0 - 12:49 hrs	0.00	11.95	0.00	0.45	385.62	28.61	2.62	0.98	0.00	0.00	0.00	0 - 00:00 hrs
30	☐	SWCB-E3-008	4.30	86.64	w Maximum C	0.50	0 - 12:33 hrs	11.94	11.94	0.45	0.45	0.00	28.33	2.29	0.50	0.00	0.00	0.00	0 - 00:00 hrs
31	☐	SWCB-E4-009	8.40	102.62	Surcharged	0.00	0 - 09:52 hrs	0.00	58.14	0.00	4.48	-115.74	2.87	5.40	0.00	0.00	0.00	13.24	0 - 09:52 hrs
32	☐	SWCB-E4-010	6.45	99.52	w Maximum C	0.00	0 - 09:52 hrs	0.00	78.12	0.00	5.36	170.32	2.96	3.45	0.00	0.45	0.81	46.50	0 - 10:03 hrs
33	☐	SWCB-E4-025	7.08	98.46	Surcharged	0.00	0 - 09:52 hrs	0.00	62.28	0.00	6.13	85.54	3.12	4.08	0.00	0.04	0.25	10.15	0 - 09:59 hrs
34	☐	SWCB-F4-009	7.00	94.48	Surcharged	0.00	0 - 09:52 hrs	0.00	43.92	0.00	5.89	14.48	3.96	3.95	0.00	0.24	0.97	10.43	0 - 10:34 hrs
35	☐	SWCB-F4-034	7.05	94.40	Surcharged	0.00	0 - 09:52 hrs	0.00	43.93	0.00	5.65	179.65	4.18	4.05	0.00	0.23	0.87	13.37	0 - 10:26 hrs
36	☐	SWCB-G6-027	9.50	101.57	Surcharged	0.00	0 - 09:56 hrs	0.00	28.16	0.00	2.52	409.37	2.49	7.00	0.00	0.00	0.00	0.05	0 - 09:56 hrs
37	☐	SWCB-G6-037	4.10	104.35	Surcharged	0.00	0 - 09:56 hrs	31.19	31.19	1.25	1.25	0.00	0.42	2.10	0.00	0.00	0.13	4.44	0 - 09:59 hrs
38	☐	SWCB-G6-056	8.45	95.46	Surcharged	0.00	0 - 09:49 hrs	0.00	31.43	0.00	3.00	232.60	1.80	5.95	0.00	0.00	0.00	0.87	0 - 09:51 hrs
39	☐	SWCB-G6-065	9.33	101.74	w Maximum C	0.47	0 - 09:56 hrs	0.00	28.14	0.00	2.52	0.00	1.80	6.83	0.47	0.00	0.00	0.00	0 - 00:00 hrs
40	☐	SWCB-H4-019	0.92	73.32	Flow Link Crow	3.13	0 - 10:00 hrs	10.48	10.48	0.38	0.38	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0 - 00:00 hrs
41	☐	SWCB-H4-021	5.85	75.49	w Maximum C	0.00	0 - 09:59 hrs	0.00	10.42	0.00	0.38	34.80	0.21	4.10	0.00	0.00	0.00	2.40	0 - 09:59 hrs
42	☐	SWCB-H5-002	5.80	87.33	Surcharged	0.00	0 - 09:48 hrs	46.93	46.93	2.09	2.09	0.00	2.95	3.80	0.00	0.44	0.90	40.18	0 - 09:59 hrs
43	☐	SWCB-H5-003	6.10	87.50	Surcharged	0.00	0 - 09:49 hrs	0.00	15.26	0.00	1.65	82.23	2.99	4.10	0.00	0.00	0.00	0.03	0 - 09:49 hrs
44	☐	SWCB-H5-007	5.80	86.54	Surcharged	0.00	0 - 09:49 hrs	0.00	23.18	0.00	2.14	61.58	1.93	3.55	0.00	0.00	0.00	0.18	0 - 09:49 hrs
45	☐	SWCB-H5-009	6.75	88.25	w Maximum C	0.15	0 - 09:59 hrs	0.00	23.18	0.00	2.14	74.57	2.03	4.75	0.15	0.00	0.00	0.00	0 - 00:00 hrs
46	☐	SWCB-H5-010	6.50	88.48	Surcharged	0.00	0 - 09:48 hrs	51.27	51.27	2.33	2.33	0.00	1.90	4.50	0.00	0.18	0.54	28.07	0 - 09:59 hrs
47	☐	SWCB-H6-011	11.61	96.77	w Maximum C	0.09	0 - 09:51 hrs	38.74	54.15	1.59	4.59	370.66	1.67	9.11	0.09	0.00	0.00	0.00	0 - 00:00 hrs
48	☐	SWCB-H6-013	1.46	80.57	Flow Link Crow	12.49	0 - 09:59 hrs	0.00	54.17	0.00	4.59	169.40	0.00	0.00	0.00	0.00	0.00	0.00	0 - 00:00 hrs
49	☐	SWCB-H7-067	7.65	68.98	Surcharged	0.00	0 - 10:00 hrs	0.00	83.28	0.00	3.81	718.31	0.45	3.65	0.00	0.00	0.00	17.27	0 - 10:00 hrs

FUTURE CONDITIONS 20-YR 24-HR CLIMATE CHANGE JUNCTIONS

		ID	Maximum Depth (ft)	Maximum HGL (ft)	Maximum HGL Head Class	Freeboard (ft)	Max.Depth Day-Time (day-time)	Maximum Lateral Inflow (cfs)	Maximum Total Inflow (cfs)	Lateral Inflow Volume (MG)	Total Inflow Volume (MG)	Flow Volume Difference (MG)	Total Surcharge Time (hrs)	Max.Surchar ge Height Above Crown	Min.Surchar ge Depth Below Rim (ft)	Total Flood Volume (MG)	Total Flood Time (hrs)	Maximum Flood Rate (cfs)	Max.Flood Day-Time (day-time)
50	☐	SWCB-H7-099	3.78	68.57	w Maximum	5.32	0 - 00:02 hrs	0.00	36.56	0.00	2.53	639.08	0.57	1.28	5.32	0.00	0.00	0.00	0 - 00:00 hrs
51	☐	SWCB-H7-115	0.92	59.11	low Link Cro	6.18	0 - 09:59 hrs	0.00	20.38	0.00	0.78	236.18	0.00	0.00	0.00	0.00	0.00	0.00	0 - 00:00 hrs
52	☐	SWCB-I8-070	10.30	105.76	w Maximum	0.00	0 - 09:59 hrs	0.00	23.94	0.00	0.74	-4.58	0.55	8.30	0.00	0.00	0.00	17.56	0 - 09:59 hrs
53	☐	SWCB-J2-017	5.34	40.69	w Maximum	0.06	0 - 09:57 hrs	0.00	15.05	0.00	1.21	0.00	41.85	3.34	0.06	0.00	0.00	0.00	0 - 00:00 hrs
54	☐	SWCB-J4-002	8.29	41.24	w Maximum	0.44	0 - 09:59 hrs	0.00	296.70	0.00	17.06	7,968.80	0.77	2.79	0.44	0.00	0.00	0.00	0 - 00:00 hrs
55	☐	SWCB-J4-003	11.32	62.63	Surcharged	0.00	0 - 09:56 hrs	52.01	52.01	2.27	2.27	0.00	0.41	9.32	0.00	0.00	0.08	3.16	0 - 09:59 hrs
56	☐	SWCB-J8-026	7.30	105.79	Surcharged	0.00	0 - 10:00 hrs	0.00	27.70	0.00	1.07	95.06	0.30	5.30	0.00	0.00	0.00	6.28	0 - 10:00 hrs
57	☐	SWCB-J8-027	6.90	106.13	w Maximum	0.00	0 - 10:00 hrs	0.00	27.71	0.00	1.07	50.89	0.39	4.90	0.00	0.00	0.00	3.91	0 - 10:00 hrs
58	☐	SWCB-J8-043	4.40	102.58	Surcharged	0.00	0 - 09:37 hrs	0.00	31.16	0.00	6.24	234.72	6.14	1.90	0.00	0.02	0.84	3.62	0 - 10:03 hrs
59	☐	SWCB-K6-019	8.42	71.63	Surcharged	0.00	0 - 09:56 hrs	0.00	38.11	0.00	1.74	-98.62	0.53	5.75	0.00	0.00	0.00	8.70	0 - 09:56 hrs
60	☐	SWCB-K7-003	5.29	90.66	w Maximum	0.26	0 - 09:59 hrs	0.00	28.27	0.00	4.41	202.76	1.36	2.54	0.26	0.00	0.00	0.00	0 - 00:00 hrs
61	☐	SWCB-K7-004	6.04	90.56	w Maximum	0.18	0 - 09:53 hrs	0.00	71.88	0.00	8.86	394.20	1.38	2.54	0.18	0.00	0.00	0.00	0 - 00:00 hrs
62	☐	SWCB-K7-005	5.40	89.18	Surcharged	0.00	0 - 09:53 hrs	0.00	71.15	0.00	8.85	161.47	1.05	1.90	0.00	0.00	0.00	0.31	0 - 09:53 hrs
63	☐	SWCB-K7-031	5.22	89.24	w Maximum	0.00	0 - 09:53 hrs	0.00	71.88	0.00	8.85	193.46	0.87	1.72	0.00	0.00	0.00	0.63	0 - 09:53 hrs
64	☐	SWCB-K7-032	5.34	87.60	w Maximum	0.46	0 - 09:53 hrs	0.00	71.10	0.00	8.85	230.29	0.87	1.58	0.46	0.00	0.00	0.00	0 - 00:00 hrs
65	☐	SWCB-K7-033	5.45	87.74	w Maximum	0.45	0 - 09:53 hrs	0.00	71.12	0.00	8.85	354.60	1.02	1.70	0.45	0.00	0.00	0.00	0 - 00:00 hrs
66	☐	SWCB-K7-036	8.48	70.38	w Maximum	0.00	0 - 09:55 hrs	0.00	68.51	0.00	8.05	142.02	1.16	5.48	0.00	0.09	0.39	10.53	0 - 10:00 hrs
67	☐	SWCB-K7-037	8.84	67.87	Surcharged	0.00	0 - 09:55 hrs	0.00	63.32	0.00	7.96	330.19	1.28	5.84	0.00	0.09	0.33	19.30	0 - 09:59 hrs
68	☐	SWCB-L2-009	8.53	44.55	w Maximum	2.32	0 - 10:00 hrs	0.00	27.78	0.00	3.04	5,106.58	4.87	5.03	2.32	0.00	0.00	0.00	0 - 00:00 hrs
69	☐	SWCB-L2-010	9.18	44.43	w Maximum	1.32	0 - 09:57 hrs	0.00	30.88	0.00	3.08	3,491.26	47.18	5.68	1.32	0.00	0.00	0.00	0 - 00:00 hrs
70	☐	SWCB-L4-089	6.70	48.09	w Maximum	0.00	0 - 09:49 hrs	22.06	62.12	0.88	6.44	1,182.69	5.05	3.20	0.00	0.05	0.30	12.29	0 - 09:59 hrs
71	☐	SWCB-L5-015	6.22	47.74	w Maximum	0.13	0 - 09:55 hrs	0.00	57.75	0.00	6.17	500.61	3.82	2.72	0.13	0.00	0.00	0.00	0 - 00:00 hrs
72	☐	SWCB-L5-021	6.75	53.41	Surcharged	0.00	0 - 09:51 hrs	0.00	47.89	0.00	4.10	115.17	1.47	3.75	0.00	0.00	0.00	5.57	0 - 09:51 hrs
73	☐	SWCB-L6-018	4.52	74.70	w Maximum	0.00	0 - 09:53 hrs	42.30	87.49	1.98	7.67	500.89	0.85	1.52	0.00	0.09	0.31	17.73	0 - 09:59 hrs
74	☐	SWCB-L8-032	8.61	95.89	Surcharged	0.00	0 - 09:56 hrs	0.00	67.55	0.00	2.72	-217.45	1.41	4.61	0.00	0.00	0.00	34.94	0 - 09:56 hrs
75	☐	SWCB-M2-018	6.13	41.61	w Maximum	0.02	0 - 10:11 hrs	0.00	34.01	0.00	6.48	2,361.82	11.76	2.63	0.02	0.00	0.00	0.00	0 - 00:00 hrs
76	☐	SWCB-M2-019	6.30	41.29	Surcharged	0.00	0 - 09:49 hrs	0.00	34.02	0.00	6.46	1,769.38	17.70	2.80	0.00	0.00	0.03	0.08	0 - 09:51 hrs
77	☐	SWCB-M2-023	6.07	41.02	w Maximum	0.08	0 - 10:12 hrs	0.00	34.01	0.00	6.45	1,011.25	18.12	2.57	0.08	0.00	0.00	0.00	0 - 00:00 hrs
78	☐	SWCB-M2-025	6.00	40.78	Surcharged	0.00	0 - 09:41 hrs	34.84	68.72	1.55	7.99	2,716.56	20.25	2.50	0.00	0.32	0.96	30.22	0 - 09:59 hrs
79	☐	SWCB-M2-027	6.35	40.23	w Maximum	0.20	0 - 10:10 hrs	0.00	38.49	0.00	7.65	4,467.33	29.17	2.85	0.20	0.00	0.00	0.00	0 - 00:00 hrs
80	☐	SWCB-M2-046	6.72	42.87	w Maximum	0.00	0 - 09:41 hrs	0.00	30.40	0.00	3.41	1,126.94	13.15	3.97	0.00	0.03	0.38	4.29	0 - 10:00 hrs
81	☐	SWCB-M2-050	5.10	44.01	w Maximum	0.00	0 - 09:32 hrs	22.18	32.54	0.93	3.60	-245.19	8.41	3.10	0.00	0.38	2.64	21.79	0 - 09:59 hrs
82	☐	SWCB-M3-038	6.25	52.12	w Maximum	0.00	0 - 09:38 hrs	36.34	36.34	1.58	1.58	0.00	6.71	5.00	0.00	0.42	1.81	31.50	0 - 09:59 hrs
83	☐	SWCB-M6-014	4.35	67.70	w Maximum	0.00	0 - 09:53 hrs	39.03	39.03	1.80	1.80	0.00	0.85	2.35	0.00	0.09	0.34	16.53	0 - 09:59 hrs
84	☐	SWCB-M6-015	4.20	66.53	w Maximum	0.00	0 - 09:53 hrs	0.00	24.76	0.00	1.71	10.70	0.78	2.20	0.00	0.00	0.00	3.68	0 - 09:53 hrs
85	☐	SWCB-M6-016	4.72	64.71	w Maximum	1.82	0 - 09:53 hrs	0.00	23.07	0.00	1.71	77.11	0.91	2.72	1.82	0.00	0.00	0.00	0 - 00:00 hrs
86	☐	SWCB-M6-033	4.75	65.40	Surcharged	0.00	0 - 09:53 hrs	0.00	23.09	0.00	1.71	33.80	0.92	2.75	0.00	0.00	0.00	0.00	0 - 09:53 hrs
87	☐	SWCB-N2-003	5.65	39.62	Surcharged	0.00	0 - 09:41 hrs	0.00	38.51	0.00	7.62	0.00	28.36	2.15	0.00	0.44	2.40	16.70	0 - 09:59 hrs
88	☐	SWCB-N3-015	4.95	45.84	Surcharged	0.00	0 - 09:36 hrs	0.00	11.10	0.00	2.68	875.53	7.28	2.95	0.00	0.00	0.81	0.01	0 - 12:10 hrs
89	☐	SWCB-N3-016	4.32	46.33	Surcharged	0.00	0 - 09:36 hrs	0.00	22.21	0.00	3.08	115.44	6.79	2.32	0.00	0.40	2.57	11.86	0 - 10:03 hrs
90	☐	SWCB-N3-089	6.75	42.85	Surcharged	0.00	0 - 09:41 hrs	0.00	93.53	0.00	10.26	2,031.13	9.62	3.25	0.00	1.30	1.19	93.52	0 - 09:59 hrs
91	☐	SWCB-N5-016	5.90	55.06	w Maximum	0.20	0 - 09:47 hrs	0.00	2.34	0.00	0.01	0.00	0.24	3.65	0.20	0.00	0.00	0.00	0 - 00:00 hrs
92	☐	SWCB-N6-002	8.29	54.06	w Maximum	2.94	0 - 00:01 hrs	0.00	99.34	0.00	8.80	1,128.20	47.97	4.79	2.94	0.00	0.00	0.00	0 - 00:00 hrs
93	☐	SWCB-N6-003	9.74	55.57	w Maximum	3.43	0 - 00:01 hrs	0.00	123.58	0.00	8.80	1,126.31	47.95	6.24	3.43	0.00	0.00	0.00	0 - 00:00 hrs
94	☐	SWCB-N6-039	10.35	56.00	w Maximum	0.00	0 - 00:00 hrs	0.00	147.21	0.00	8.80	1,380.58	47.99	6.85	0.00	0.00	0.00	89.07	0 - 00:00 hrs
95	☐	SWCB-N6-040	11.09	56.99	Surcharged	0.00	0 - 00:01 hrs	0.00	95.12	0.00	8.80	1,584.26	47.95	7.59	0.00	0.00	0.00	12.63	0 - 00:01 hrs
96	☐	SWCB-N7-011	1.75	58.34	low Link Cro	5.10	0 - 09:56 hrs	0.00	11.41	0.00	0.52	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0 - 00:00 hrs
97	☐	SWCB-O2-011	6.80	42.51	Surcharged	0.00	0 - 09:45 hrs	21.16	45.69	0.85	4.21	3,832.96	11.67	3.30	0.00	0.08	0.42	15.67	0 - 09:59 hrs
98	☐	SWCB-O2-020	6.20	38.92	w Maximum	0.00	0 - 09:37 hrs	0.00	27.38	0.00	3.85	535.40	32.13	4.20	0.00	3.06	6.53	27.37	0 - 11:23 hrs

FUTURE CONDITIONS 20-YR 24-HR CLIMATE CHANGE JUNCTIONS

		ID	Maximum Depth (ft)	Maximum HGL (ft)	Maximum HGL Head Class	Freeboard (ft)	Max.Depth Day-Time (day-time)	Maximum Lateral Inflow (cfs)	Maximum Total Inflow (cfs)	Lateral Inflow Volume (MG)	Total Inflow Volume (MG)	Flow Volume Difference (MG)	Total Surcharge Time (hrs)	Max.Surchar ge Height Above Crown	Min.Surchar ge Depth Below Rim (ft)	Total Flood Volume (MG)	Total Flood Time (hrs)	Maximum Flood Rate (cfs)	Max.Flood Day-Time (day-time)
99	☐	SWCB-O2-021	6.10	38.96	Surcharged	0.00	0 - 09:37 hrs	0.00	9.09	0.00	1.64	656.67	31.06	3.40	0.00	0.06	3.24	1.59	0 - 09:59 hrs
100	☐	SWCB-O2-031	7.10	42.50	w Maximum	0.00	0 - 09:55 hrs	0.00	30.06	0.00	3.75	1,469.83	15.08	3.60	0.00	0.00	0.00	0.00	0 - 00:00 hrs
101	☐	SWCB-O3-001	6.80	46.20	Surcharged	0.00	0 - 09:48 hrs	0.00	23.02	0.00	2.35	0.00	4.60	4.05	0.00	0.00	0.00	2.22	0 - 09:48 hrs
102	☐	SWCB-O3-032	7.00	45.12	Surcharged	0.00	0 - 09:45 hrs	0.00	23.00	0.00	2.35	115.22	5.72	4.25	0.00	0.00	0.00	0.94	0 - 09:49 hrs
103	☐	SWCB-O3-035	6.70	45.64	Surcharged	0.00	0 - 09:45 hrs	0.00	22.99	0.00	2.34	31.12	4.86	3.95	0.00	0.00	0.00	6.31	0 - 09:45 hrs
104	☐	SWCB-O3-040	6.75	46.12	Surcharged	0.00	0 - 09:49 hrs	0.00	33.88	0.00	2.44	282.23	4.67	4.00	0.00	0.10	0.56	11.96	0 - 09:59 hrs
105	☐	SWCB-O4-026	6.10	54.71	Surcharged	0.00	0 - 09:48 hrs	0.00	11.60	0.00	1.19	27.81	4.37	4.10	0.00	0.00	0.12	10.75	0 - 09:48 hrs
106	☐	SWCB-O4-027	5.90	54.76	Surcharged	0.00	0 - 09:49 hrs	20.70	23.52	0.84	1.27	3.89	4.13	3.90	0.00	0.08	0.51	12.19	0 - 09:59 hrs
107	☐	SWCB-O4-029	6.60	55.91	w Maximum	0.00	0 - 09:49 hrs	0.00	13.66	0.00	0.43	-39.77	3.71	4.60	0.00	0.00	0.01	12.47	0 - 09:49 hrs
108	☐	SWCB-O4-032	4.90	55.92	w Maximum	0.00	0 - 09:49 hrs	0.00	5.08	0.00	0.43	0.00	3.25	3.65	0.00	0.00	0.01	0.63	0 - 09:49 hrs
109	☐	SWCB-O4-033	5.40	55.81	w Maximum	0.00	0 - 09:49 hrs	0.00	5.07	0.00	0.43	95.83	4.71	4.15	0.00	0.00	0.41	0.56	0 - 09:49 hrs
110	☐	SWMH-B4-001	3.02	112.41	low Link Cro	5.22	0 - 10:06 hrs	0.00	115.70	0.00	23.36	240.16	0.00	0.00	0.00	0.00	0.00	0.00	0 - 00:00 hrs
111	☐	SWMH-B4-002	4.31	114.90	low Link Cro	1.99	0 - 10:04 hrs	29.70	116.58	3.01	23.38	2,229.77	0.00	0.00	0.00	0.00	0.00	0.00	0 - 00:00 hrs
112	☐	SWMH-C4-001	3.61	116.37	w Maximum	3.69	0 - 10:06 hrs	0.00	24.06	0.00	7.76	110.47	4.54	1.05	3.69	0.00	0.00	0.00	0 - 00:00 hrs
113	☐	SWMH-C4-002	4.36	119.38	w Maximum	2.24	0 - 10:06 hrs	0.00	24.06	0.00	7.77	929.61	6.47	2.01	2.24	0.00	0.00	0.00	0 - 00:00 hrs
114	☐	SWMH-C4-003	4.93	121.71	w Maximum	0.00	0 - 09:56 hrs	0.00	24.86	0.00	7.80	361.09	7.38	2.68	0.00	0.03	0.85	1.59	0 - 10:04 hrs
115	☐	SWMH-C4-004	4.86	122.30	w Maximum	0.22	0 - 09:57 hrs	0.00	24.83	0.00	7.80	-165.03	6.54	2.60	0.22	0.00	0.00	0.00	0 - 00:00 hrs
116	☐	SWMH-C4-005	1.77	101.92	low Link Cro	6.38	0 - 09:59 hrs	0.00	48.26	0.00	2.16	56.19	0.00	0.00	0.00	0.00	0.00	0.00	0 - 00:00 hrs
117	☐	SWMH-C4-006	8.14	111.59	Surcharged	0.00	0 - 09:56 hrs	0.00	48.26	0.00	2.16	93.49	0.39	5.55	0.00	0.00	0.00	3.74	0 - 09:56 hrs
118	☐	SWMH-C4-007	7.65	112.74	w Maximum	0.00	0 - 09:56 hrs	49.91	49.91	2.17	2.16	0.00	0.49	5.15	0.00	0.00	0.02	1.62	0 - 09:59 hrs
119	☐	SWMH-C4-017	3.64	110.98	low Link Cro	3.06	0 - 10:06 hrs	0.00	115.70	0.00	23.36	760.77	0.00	0.00	0.00	0.00	0.00	0.00	0 - 00:00 hrs
120	☐	SWMH-D4-001	4.41	78.24	w Maximum	2.19	0 - 09:52 hrs	7.72	58.83	0.25	4.42	512.65	1.45	1.66	2.19	0.00	0.00	0.00	0 - 00:00 hrs
121	☐	SWMH-D4-002	5.26	80.80	w Maximum	0.00	0 - 09:52 hrs	0.00	52.13	0.00	4.16	133.60	1.09	2.38	0.00	0.00	0.00	0.34	0 - 09:52 hrs
122	☐	SWMH-D4-003	5.65	83.93	w Maximum	0.00	0 - 09:52 hrs	0.00	73.63	0.00	4.33	75.85	0.99	3.10	0.00	0.17	0.39	22.53	0 - 09:59 hrs
123	☐	SWMH-D4-004	6.65	93.98	Surcharged	0.00	0 - 09:56 hrs	53.29	101.42	2.26	4.42	-21.46	0.61	4.10	0.00	0.10	0.22	27.71	0 - 09:59 hrs
124	☐	SWMH-D4-005	3.31	79.22	w Maximum	1.14	0 - 09:59 hrs	0.00	29.49	0.00	1.18	-18.34	0.15	1.10	1.14	0.00	0.00	0.00	0 - 00:00 hrs
125	☐	SWMH-D4-006	2.83	80.50	w Maximum	1.62	0 - 10:00 hrs	0.00	29.79	0.00	1.18	107.19	0.08	0.83	1.62	0.00	0.00	0.00	0 - 00:00 hrs
126	☐	SWMH-D4-007	1.59	81.90	low Link Cro	4.06	0 - 09:59 hrs	0.00	29.87	0.00	1.18	31.75	0.00	0.00	0.00	0.00	0.00	0.00	0 - 00:00 hrs
127	☐	SWMH-D4-021	1.33	76.48	low Link Cro	4.32	0 - 10:00 hrs	0.00	29.45	0.00	1.18	20.80	0.00	0.00	0.00	0.00	0.00	0.00	0 - 00:00 hrs
128	☐	SWMH-E3-001	4.97	86.94	w Maximum	3.03	0 - 10:07 hrs	0.00	26.69	0.00	1.47	424.84	28.59	2.72	3.03	0.00	0.00	0.00	0 - 00:00 hrs
129	☐	SWMH-E3-002	5.31	87.39	w Maximum	2.39	0 - 10:07 hrs	0.00	26.68	0.00	1.48	604.31	28.44	2.91	2.39	0.00	0.00	0.00	0 - 00:00 hrs
130	☐	SWMH-E3-003	7.95	91.06	w Maximum	0.00	0 - 09:55 hrs	35.87	35.87	1.51	1.51	0.00	28.43	5.95	0.00	0.03	0.22	9.61	0 - 09:59 hrs
131	☐	SWMH-E3-016	8.35	89.47	w Maximum	0.00	0 - 09:40 hrs	59.78	59.78	2.95	2.95	0.00	32.39	6.35	0.00	0.45	1.04	45.09	0 - 09:59 hrs
132	☐	SWMH-E3-017	8.18	88.31	w Maximum	0.00	0 - 09:37 hrs	0.00	14.61	0.00	2.50	618.23	33.15	6.00	0.00	0.02	1.10	0.72	0 - 10:21 hrs
133	☐	SWMH-E3-018	8.40	86.49	Surcharged	0.00	0 - 09:34 hrs	0.00	12.07	0.00	2.40	786.17	35.92	6.40	0.00	0.41	7.04	8.36	0 - 10:56 hrs
134	☐	SWMH-E3-019	8.90	86.68	w Maximum	0.35	0 - 11:11 hrs	0.00	12.08	0.00	1.99	437.17	36.45	6.90	0.35	0.00	0.00	0.00	0 - 00:00 hrs
135	☐	SWMH-E3-020	9.60	86.61	Surcharged	0.00	0 - 11:33 hrs	0.00	12.06	0.00	1.97	4,169.34	36.91	7.10	0.00	0.00	0.00	0.00	0 - 11:33 hrs
136	☐	SWMH-E3-021	4.60	87.73	w Maximum	0.00	0 - 09:51 hrs	41.09	41.09	1.86	1.86	0.00	28.40	2.35	0.00	0.09	0.34	18.07	0 - 09:59 hrs
137	☐	SWMH-E3-023	4.10	87.12	Surcharged	0.00	0 - 09:48 hrs	0.00	22.97	0.00	1.77	370.12	28.35	1.60	0.00	0.06	0.57	6.81	0 - 10:11 hrs
138	☐	SWMH-E3-026	5.10	86.53	w Maximum	0.78	0 - 11:00 hrs	0.00	19.98	0.00	1.68	1,030.92	29.06	2.60	0.78	0.00	0.00	0.00	0 - 00:00 hrs
139	☐	SWMH-E3-027	4.52	86.66	w Maximum	1.78	0 - 13:36 hrs	0.00	19.96	0.00	1.70	1,646.02	28.40	2.01	1.78	0.00	0.00	0.00	0 - 00:00 hrs
140	☐	SWMH-E3-028	4.29	87.07	w Maximum	0.31	0 - 09:48 hrs	0.00	19.99	0.00	1.71	1,391.04	28.35	1.79	0.31	0.00	0.00	0.00	0 - 00:00 hrs
141	☐	SWMH-E3-029	4.26	87.16	w Maximum	0.64	0 - 09:48 hrs	0.00	19.98	0.00	1.71	375.38	28.35	1.76	0.64	0.00	0.00	0.00	0 - 00:00 hrs
142	☐	SWMH-E3-031	4.28	87.19	w Maximum	1.57	0 - 10:07 hrs	0.00	16.46	0.00	0.79	544.46	28.30	2.28	1.57	0.00	0.00	0.00	0 - 00:00 hrs
143	☐	SWMH-E3-032	4.48	86.96	w Maximum	0.37	0 - 12:45 hrs	0.00	16.46	0.00	0.78	629.78	28.33	2.48	0.37	0.00	0.00	0.00	0 - 00:00 hrs
144	☐	SWMH-E3-033	4.57	86.68	w Maximum	1.53	0 - 11:57 hrs	0.00	16.45	0.00	0.78	524.27	28.30	2.32	1.53	0.00	0.00	0.00	0 - 00:00 hrs
145	☐	SWMH-E3-034	4.04	86.68	w Maximum	1.16	0 - 13:40 hrs	2.63	2.63	0.09	0.09	0.00	28.09	2.04	1.16	0.00	0.00	0.00	0 - 00:00 hrs
146	☐	SWMH-E3-037	4.60	87.70	w Maximum	0.00	0 - 09:55 hrs	21.03	21.03	0.80	0.80	0.00	28.30	2.60	0.00	0.01	0.20	4.96	0 - 09:59 hrs
147	☐	SWMH-E3-038	10.65	86.62	w Maximum	1.38	0 - 15:10 hrs	0.00	12.06	0.00	1.94	3,252.56	39.10	8.15	1.38	0.00	0.00	0.00	0 - 00:00 hrs

FUTURE CONDITIONS 20-YR 24-HR CLIMATE CHANGE JUNCTIONS

		ID	Maximum Depth (ft)	Maximum HGL (ft)	Maximum HGL Head Class	Freeboard (ft)	Max.Depth Day-Time (day-time)	Maximum Lateral Inflow (cfs)	Maximum Total Inflow (cfs)	Lateral Inflow Volume (MG)	Total Inflow Volume (MG)	Flow Volume Difference (MG)	Total Surcharge Time (hrs)	Max.Surchar ge Height Above Crown	Min.Surchar ge Depth Below Rim (ft)	Total Flood Volume (MG)	Total Flood Time (hrs)	Maximum Flood Rate (cfs)	Max.Flood Day-Time (day-time)
148	☐	SWMH-E4-001	1.58	91.93	elow Link Cro	8.94	0 - 09:59 hrs	19.65	30.75	0.72	1.18	42.66	0.00	0.00	0.00	0.00	0.00	0.00	0 - 00:00 hrs
149	☐	SWMH-E4-002	0.80	93.45	elow Link Cro	6.75	0 - 10:00 hrs	0.00	11.71	0.00	0.46	8.13	0.00	0.00	0.00	0.00	0.00	0.00	0 - 00:00 hrs
150	☐	SWMH-E4-003	1.49	94.35	elow Link Cro	6.79	0 - 10:00 hrs	0.00	12.25	0.00	0.46	-92.23	0.00	0.00	0.00	0.00	0.00	0.00	0 - 00:00 hrs
151	☐	SWMH-E4-005	1.32	97.62	elow Link Cro	5.68	0 - 09:59 hrs	12.82	12.82	0.46	0.46	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0 - 00:00 hrs
152	☐	SWMH-E4-006	7.78	99.25	Surcharged	0.00	0 - 09:52 hrs	31.60	62.28	1.23	6.14	133.68	3.06	4.50	0.00	0.00	0.00	3.98	0 - 09:52 hrs
153	☐	SWMH-E4-007	10.20	102.38	w Maximum C	0.00	0 - 09:52 hrs	0.00	40.36	0.00	4.91	-42.18	3.03	7.08	0.00	0.00	0.00	11.66	0 - 09:52 hrs
154	☐	SWMH-E4-008	7.10	100.25	w Maximum C	0.00	0 - 09:52 hrs	23.93	78.11	0.88	5.36	245.83	2.83	3.60	0.00	0.00	0.01	18.73	0 - 09:52 hrs
155	☐	SWMH-E4-009	8.29	103.00	w Maximum C	0.00	0 - 09:56 hrs	60.50	71.69	3.46	4.54	401.32	2.12	3.29	0.00	0.04	0.15	55.03	0 - 09:56 hrs
156	☐	SWMH-E4-010	11.10	95.52	w Maximum C	0.00	0 - 09:56 hrs	70.89	70.89	3.52	3.52	0.00	0.98	7.40	0.00	0.01	0.01	63.35	0 - 09:56 hrs
157	☐	SWMH-E5-001	9.50	107.06	w Maximum C	0.00	0 - 09:53 hrs	123.47	231.47	10.87	22.09	1,939.54	2.36	4.50	0.00	0.28	0.58	65.56	0 - 09:53 hrs
158	☐	SWMH-E5-002	5.09	101.41	w Maximum C	0.01	0 - 09:52 hrs	0.00	0.45	0.00	0.00	0.00	1.77	3.54	0.01	0.00	0.00	0.00	0 - 00:00 hrs
159	☐	SWMH-F3-001	10.25	83.20	Surcharged	0.00	0 - 09:52 hrs	36.55	169.26	1.46	19.10	-269.81	2.96	5.62	0.00	0.00	0.00	0.24	0 - 09:52 hrs
160	☐	SWMH-F3-002	3.41	76.75	elow Link Cro	3.99	0 - 10:06 hrs	0.00	101.05	0.00	9.97	680.27	0.00	0.00	0.00	0.00	0.00	0.00	0 - 00:00 hrs
161	☐	SWMH-F3-003	6.10	82.31	w Maximum C	0.00	0 - 09:55 hrs	0.00	101.44	0.00	9.98	641.50	1.05	2.60	0.00	0.00	0.00	4.96	0 - 09:55 hrs
162	☐	SWMH-F3-005	6.40	86.46	w Maximum C	0.00	0 - 09:55 hrs	28.00	124.68	1.08	10.14	603.29	1.18	2.90	0.00	0.15	0.43	23.69	0 - 09:59 hrs
163	☐	SWMH-F3-006	8.85	89.83	Surcharged	0.00	0 - 09:55 hrs	99.03	132.63	5.23	9.23	412.86	1.71	5.35	0.00	0.17	0.33	35.92	0 - 10:03 hrs
164	☐	SWMH-F3-007	8.20	87.80	w Maximum C	0.00	0 - 09:34 hrs	0.00	13.89	0.00	2.47	373.50	33.69	6.10	0.00	0.06	1.33	1.99	0 - 10:04 hrs
165	☐	SWMH-F3-008	8.54	87.66	w Maximum C	0.26	0 - 10:15 hrs	0.00	12.07	0.00	2.41	747.75	34.45	6.52	0.26	0.00	0.00	0.00	0 - 00:00 hrs
166	☐	SWMH-F3-009	9.20	86.63	w Maximum C	0.20	0 - 12:45 hrs	0.00	12.08	0.00	1.98	1,444.38	36.20	6.70	0.20	0.00	0.00	0.00	0 - 00:00 hrs
167	☐	SWMH-F3-010	10.62	93.00	w Maximum C	0.00	0 - 09:55 hrs	0.00	79.19	0.00	4.34	368.79	1.37	7.12	0.00	0.00	0.00	2.75	0 - 09:55 hrs
168	☐	SWMH-F3-011	11.50	94.42	w Maximum C	0.00	0 - 09:55 hrs	0.00	45.56	0.00	2.41	237.09	1.25	8.00	0.00	0.00	0.00	19.66	0 - 09:55 hrs
169	☐	SWMH-F3-012	11.10	93.96	w Maximum C	0.00	0 - 09:55 hrs	0.00	33.67	0.00	1.94	163.91	1.24	7.60	0.00	0.00	0.00	12.60	0 - 09:55 hrs
170	☐	SWMH-F4-001	9.40	84.43	Surcharged	0.00	0 - 09:52 hrs	0.00	161.20	0.00	17.64	218.10	2.65	4.90	0.00	0.00	0.01	25.27	0 - 09:52 hrs
171	☐	SWMH-F4-002	8.40	85.98	w Maximum C	0.50	0 - 10:00 hrs	0.00	139.20	0.00	15.17	-4.54	2.70	3.80	0.50	0.00	0.00	0.00	0 - 00:00 hrs
172	☐	SWMH-F4-005	14.83	96.64	Surcharged	-5.00	0 - 09:52 hrs	0.00	191.06	0.00	39.42	184.03	3.60	9.83	0.00	0.00	0.00	16.23	0 - 09:52 hrs
173	☐	SWMH-F4-006	9.85	93.34	w Maximum C	0.00	0 - 09:52 hrs	63.66	208.74	2.87	39.65	1,692.96	5.62	4.85	0.00	0.22	0.40	38.08	0 - 09:59 hrs
174	☐	SWMH-F4-007	9.73	94.36	w Maximum C	0.00	0 - 09:52 hrs	0.00	182.74	0.00	37.01	868.72	5.76	4.73	0.00	0.22	0.62	25.21	0 - 09:56 hrs
175	☐	SWMH-F4-008	9.52	96.30	Surcharged	0.00	0 - 09:52 hrs	0.00	150.85	0.00	31.61	1,066.92	5.38	4.52	0.00	0.01	0.22	2.76	0 - 10:00 hrs
176	☐	SWMH-F4-009	9.49	97.00	w Maximum C	0.00	0 - 09:52 hrs	28.49	150.11	1.09	30.15	809.81	5.38	4.49	0.00	0.03	0.20	37.95	0 - 09:52 hrs
177	☐	SWMH-F4-010	6.90	95.57	w Maximum C	0.00	0 - 09:52 hrs	0.00	46.82	0.00	5.89	166.91	3.31	3.90	0.00	0.00	0.00	10.18	0 - 09:52 hrs
178	☐	SWMH-F4-011	6.80	96.34	Surcharged	0.00	0 - 09:52 hrs	0.00	52.09	0.00	6.10	207.24	3.26	3.80	0.00	0.20	1.07	19.20	0 - 09:52 hrs
179	☐	SWMH-F4-012	6.30	96.83	Surcharged	0.00	0 - 09:52 hrs	0.00	19.73	0.00	1.52	126.41	3.60	4.30	0.00	0.04	0.63	16.77	0 - 09:52 hrs
180	☐	SWMH-F4-014	10.66	87.08	w Maximum C	0.04	0 - 09:52 hrs	37.95	376.35	1.42	33.18	2,215.33	4.97	5.80	0.04	0.00	0.00	0.00	0 - 00:00 hrs
181	☐	SWMH-F4-017	10.25	90.64	w Maximum C	0.00	0 - 09:48 hrs	0.00	39.91	0.00	5.48	246.46	3.21	7.25	0.00	0.00	0.00	5.22	0 - 09:48 hrs
182	☐	SWMH-F4-018	9.59	90.93	Surcharged	0.00	0 - 09:49 hrs	0.00	42.23	0.00	5.48	750.44	2.90	6.59	0.00	0.00	0.00	8.23	0 - 09:49 hrs
183	☐	SWMH-F4-019	8.15	91.83	Surcharged	0.00	0 - 09:51 hrs	0.00	25.48	0.00	2.77	35.31	3.83	6.00	0.00	0.09	1.03	4.89	0 - 09:56 hrs
184	☐	SWMH-F4-020	8.52	92.45	w Maximum C	0.00	0 - 09:48 hrs	68.96	68.96	3.35	3.35	0.00	4.01	6.52	0.00	0.58	1.16	52.35	0 - 09:59 hrs
185	☐	SWMH-F4-021	8.38	93.31	Surcharged	0.00	0 - 09:52 hrs	20.43	46.78	0.78	3.17	407.01	1.83	4.88	0.00	0.01	0.18	28.11	0 - 09:52 hrs
186	☐	SWMH-F4-027	9.20	85.37	Surcharged	0.00	0 - 09:52 hrs	58.81	160.69	2.50	17.66	662.18	2.70	4.65	0.00	0.02	0.15	10.71	0 - 09:59 hrs
187	☐	SWMH-F4-030	11.30	95.16	Surcharged	0.00	0 - 09:56 hrs	11.34	46.98	0.41	1.52	-10.20	1.08	7.70	0.00	0.00	0.00	29.51	0 - 09:56 hrs
188	☐	SWMH-F4-031	10.86	94.25	Surcharged	0.00	0 - 09:55 hrs	0.00	36.58	0.00	1.93	-511.25	1.13	7.22	0.00	0.00	0.00	20.03	0 - 09:55 hrs
189	☐	SWMH-F4-032	8.93	93.20	w Maximum C	0.00	0 - 09:55 hrs	12.18	15.07	0.48	0.48	0.00	1.45	7.18	0.00	0.06	0.22	15.05	0 - 09:59 hrs
190	☐	SWMH-F4-034	9.60	95.44	Surcharged	0.00	0 - 09:52 hrs	0.00	149.11	0.00	31.59	868.99	5.31	4.60	0.00	0.00	0.00	7.38	0 - 09:52 hrs
191	☐	SWMH-F4-035	10.35	90.08	Surcharged	0.00	0 - 09:52 hrs	19.21	232.31	0.77	43.35	2,287.42	2.69	4.60	0.00	0.00	0.00	36.74	0 - 09:52 hrs
192	☐	SWMH-F4-036	9.29	86.56	w Maximum C	0.66	0 - 09:55 hrs	0.00	94.92	0.00	26.29	663.64	4.48	4.79	0.66	0.00	0.00	0.00	0 - 00:00 hrs
193	☐	SWMH-F5-001	9.27	98.07	w Maximum C	0.00	0 - 09:52 hrs	0.00	147.20	0.00	29.08	755.18	3.97	4.27	0.00	0.00	0.00	69.95	0 - 09:52 hrs
194	☐	SWMH-F5-002	9.38	99.93	Surcharged	0.00	0 - 09:52 hrs	0.00	153.13	0.00	29.08	1,805.24	3.50	4.38	0.00	0.00	0.00	56.39	0 - 09:52 hrs
195	☐	SWMH-F5-003	8.10	101.41	Surcharged	0.00	0 - 09:53 hrs	37.11	41.90	1.31	6.69	907.15	2.93	5.10	0.00	0.00	0.00	29.18	0 - 09:53 hrs
196	☐	SWMH-F5-004	8.26	103.86	Surcharged	0.00	0 - 09:55 hrs	0.00	24.22	0.00	5.38	291.34	2.12	5.76	0.00	0.00	0.00	21.16	0 - 09:55 hrs

FUTURE CONDITIONS 20-YR 24-HR CLIMATE CHANGE JUNCTIONS

		ID	Maximum Depth (ft)	Maximum HGL (ft)	Maximum HGL Head Class	Freeboard (ft)	Max.Depth Day-Time (day-time)	Maximum Lateral Inflow (cfs)	Maximum Total Inflow (cfs)	Lateral Inflow Volume (MG)	Total Inflow Volume (MG)	Flow Volume Difference (MG)	Total Surcharge Time (hrs)	Max.Surchar ge Height Above Crown	Min.Surchar ge Depth Below Rim (ft)	Total Flood Volume (MG)	Total Flood Time (hrs)	Maximum Flood Rate (cfs)	Max.Flood Day-Time (day-time)
197	☐	SWMH-F5-005	2.56	104.20	Flow Link Crow	4.88	0 - 10:14 hrs	0.00	26.03	0.00	2.90	719.04	0.00	0.00	0.00	0.00	0.00	0.00	0 - 00:00 hrs
198	☐	SWMH-F5-006	5.90	98.55	Surcharged	0.00	0 - 09:52 hrs	0.00	20.02	0.00	1.56	178.26	2.66	3.90	0.00	0.04	0.61	2.50	0 - 10:18 hrs
199	☐	SWMH-F5-007	4.95	101.00	w Maximum C	0.00	0 - 09:52 hrs	42.32	42.33	1.73	1.73	95.58	1.71	2.95	0.00	0.17	0.52	26.18	0 - 09:59 hrs
200	☐	SWMH-F5-008	8.60	103.33	w Maximum C	0.00	0 - 09:55 hrs	0.00	192.08	0.00	23.85	755.43	3.39	3.60	0.00	0.06	0.30	19.74	0 - 09:56 hrs
201	☐	SWMH-F5-009	9.40	104.94	Surcharged	0.00	0 - 09:52 hrs	0.00	187.84	0.00	21.80	-63.65	2.78	4.00	0.00	0.01	0.38	19.92	0 - 09:52 hrs
202	☐	SWMH-F5-010	7.05	103.27	Surcharged	0.00	0 - 09:55 hrs	0.00	24.50	0.00	2.31	-88.73	5.23	4.95	0.00	0.26	0.70	20.03	0 - 10:07 hrs
203	☐	SWMH-F5-011	6.43	103.56	w Maximum C	0.00	0 - 09:55 hrs	0.00	24.53	0.00	2.31	190.83	4.42	4.43	0.00	0.08	0.82	4.04	0 - 10:02 hrs
204	☐	SWMH-F5-012	5.30	104.95	w Maximum C	0.00	0 - 09:48 hrs	0.00	24.53	0.00	2.30	-62.85	2.83	3.30	0.00	0.00	0.05	2.05	0 - 09:48 hrs
205	☐	SWMH-F5-013	5.06	105.70	w Maximum C	0.00	0 - 09:48 hrs	32.68	50.71	1.27	2.71	365.37	2.57	2.90	0.00	0.40	0.97	36.11	0 - 09:59 hrs
206	☐	SWMH-F5-014	6.95	108.18	Surcharged	0.00	0 - 09:51 hrs	38.51	38.51	1.55	1.55	0.00	2.54	4.95	0.00	0.11	0.41	20.43	0 - 09:59 hrs
207	☐	SWMH-F5-016	2.60	105.84	w Maximum C	3.68	0 - 09:57 hrs	0.00	25.98	0.00	2.90	106.77	1.18	0.60	3.68	0.00	0.00	0.00	0 - 00:00 hrs
208	☐	SWMH-F5-023	6.15	112.04	Surcharged	0.00	0 - 09:49 hrs	30.34	30.34	1.17	1.17	0.00	1.31	4.00	0.00	0.06	0.34	13.86	0 - 09:59 hrs
209	☐	SWMH-F5-025	6.15	110.92	Surcharged	0.00	0 - 09:49 hrs	17.79	34.22	0.63	1.74	76.66	1.57	4.15	0.00	0.17	0.55	23.17	0 - 09:59 hrs
210	☐	SWMH-F5-026	6.51	110.49	w Maximum C	0.01	0 - 09:59 hrs	0.00	17.93	0.00	1.57	-332.42	1.66	4.51	0.01	0.00	0.00	0.00	0 - 00:00 hrs
211	☐	SWMH-F5-027	7.16	108.87	Surcharged	0.00	0 - 09:57 hrs	30.03	41.05	1.15	2.73	154.33	1.47	4.66	0.00	0.00	0.02	0.87	0 - 09:59 hrs
212	☐	SWMH-F5-028	6.57	107.71	w Maximum C	0.58	0 - 10:11 hrs	0.00	40.18	0.00	2.73	29.13	1.48	4.07	0.58	0.00	0.00	0.00	0 - 00:00 hrs
213	☐	SWMH-F5-029	5.90	106.95	Surcharged	0.00	0 - 10:11 hrs	0.00	40.17	0.00	2.73	239.86	1.15	3.30	0.00	0.00	0.00	0.66	0 - 10:12 hrs
214	☐	SWMH-F5-030	8.32	105.36	Surcharged	0.00	0 - 10:11 hrs	0.00	64.21	0.00	7.16	1,579.04	20.89	4.00	0.00	0.00	0.04	8.10	0 - 13:45 hrs
215	☐	SWMH-F5-031	6.48	106.37	w Maximum C	0.62	0 - 10:19 hrs	0.00	40.18	0.00	2.73	-59.23	11.64	3.88	0.62	0.00	0.00	0.00	0 - 00:00 hrs
216	☐	SWMH-F5-032	8.25	102.91	w Maximum C	0.00	0 - 09:55 hrs	0.00	27.48	0.00	5.39	112.65	2.51	5.52	0.00	0.00	0.00	24.24	0 - 09:55 hrs
217	☐	SWMH-F5-033	1.52	101.50	Flow Link Crow	4.08	0 - 09:56 hrs	0.00	5.67	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0 - 00:00 hrs
218	☐	SWMH-F5-041	7.90	101.14	Surcharged	0.00	0 - 09:55 hrs	11.41	186.25	0.38	24.43	824.26	2.35	1.90	0.00	0.01	0.14	4.07	0 - 09:59 hrs
219	☐	SWMH-F5-042	7.60	99.28	w Maximum C	0.00	0 - 09:53 hrs	0.00	136.62	0.00	22.56	730.78	4.06	3.50	0.00	0.00	0.04	55.59	0 - 09:53 hrs
220	☐	SWMH-F6-001	10.57	119.38	w Maximum C	1.53	0 - 09:52 hrs	5.39	110.67	0.19	18.23	846.11	2.58	6.57	1.53	0.00	0.00	0.00	0 - 00:00 hrs
221	☐	SWMH-F6-002	11.98	121.58	w Maximum C	0.84	0 - 09:52 hrs	0.00	107.60	0.00	18.05	810.65	3.47	7.98	0.84	0.00	0.00	0.00	0 - 00:00 hrs
222	☐	SWMH-F6-003	10.95	121.32	w Maximum C	0.00	0 - 09:52 hrs	0.00	107.60	0.00	18.06	841.11	4.08	6.95	0.00	0.00	0.00	1.56	0 - 09:52 hrs
223	☐	SWMH-F6-004	10.98	122.73	Surcharged	0.00	0 - 09:51 hrs	0.00	107.62	0.00	18.07	840.28	4.31	6.98	0.00	0.00	0.00	9.19	0 - 09:51 hrs
224	☐	SWMH-F6-005	9.91	122.73	Surcharged	0.00	0 - 09:49 hrs	228.08	228.08	19.30	19.30	0.00	4.40	5.91	0.00	1.23	0.93	127.29	0 - 10:03 hrs
225	☐	SWMH-F6-006	15.10	111.78	w Maximum C	0.00	0 - 09:56 hrs	1.51	60.16	0.05	3.19	278.46	0.53	11.60	0.00	0.00	0.00	2.00	0 - 09:56 hrs
226	☐	SWMH-F6-007	11.15	117.76	Surcharged	0.00	0 - 09:56 hrs	24.76	24.76	1.01	1.47	37.04	0.68	8.80	0.00	0.00	0.00	0.02	0 - 09:56 hrs
227	☐	SWMH-F6-008	9.10	116.86	Surcharged	0.00	0 - 09:55 hrs	0.00	10.31	0.00	0.49	-8.30	0.62	7.00	0.00	0.00	0.10	3.13	0 - 09:57 hrs
228	☐	SWMH-F6-009	11.50	116.79	w Maximum C	0.00	0 - 09:56 hrs	14.24	33.61	0.49	1.93	406.92	0.77	9.50	0.00	0.00	0.04	3.59	0 - 09:59 hrs
229	☐	SWMH-F6-010	11.97	115.15	Surcharged	0.00	0 - 09:56 hrs	0.00	33.62	0.00	1.93	-228.04	0.70	9.97	0.00	0.00	0.00	0.16	0 - 09:56 hrs
230	☐	SWMH-F6-011	13.20	112.92	w Maximum C	0.00	0 - 09:56 hrs	0.00	33.62	0.00	1.93	41.55	0.64	11.10	0.00	0.00	0.00	0.10	0 - 09:56 hrs
231	☐	SWMH-F6-012	15.02	111.71	w Maximum C	0.13	0 - 09:56 hrs	32.86	58.83	1.21	3.14	26.78	0.59	11.77	0.13	0.00	0.00	0.00	0 - 00:00 hrs
232	☐	SWMH-F6-020	6.10	114.04	Surcharged	0.00	0 - 09:44 hrs	16.20	40.40	0.57	2.09	64.28	2.81	4.00	0.00	0.43	1.00	40.35	0 - 09:59 hrs
233	☐	SWMH-F6-022	8.65	116.76	Surcharged	0.00	0 - 09:53 hrs	15.41	22.65	0.53	0.56	0.00	0.60	6.65	0.00	0.10	0.25	22.62	0 - 09:59 hrs
234	☐	SWMH-F6-025	10.20	117.02	w Maximum C	0.00	0 - 09:42 hrs	17.12	17.12	0.61	2.27	218.65	2.90	8.00	0.00	0.00	0.00	2.14	0 - 09:42 hrs
235	☐	SWMH-F6-026	6.40	115.51	Surcharged	0.00	0 - 09:44 hrs	39.32	39.32	1.63	1.63	0.00	2.50	4.40	0.00	0.13	0.48	21.87	0 - 09:59 hrs
236	☐	SWMH-F6-029	8.34	113.89	w Maximum C	1.11	0 - 09:42 hrs	0.00	15.91	0.00	2.25	232.68	3.04	6.24	1.11	0.00	0.00	0.00	0 - 00:00 hrs
237	☐	SWMH-F6-030	8.85	115.00	w Maximum C	1.33	0 - 09:42 hrs	0.00	15.91	0.00	2.25	143.98	3.05	6.63	1.33	0.00	0.00	0.00	0 - 00:00 hrs
238	☐	SWMH-F6-031	8.10	113.01	Surcharged	0.00	0 - 09:56 hrs	18.28	28.60	0.66	2.91	193.60	2.93	6.00	0.00	0.00	0.06	2.59	0 - 09:59 hrs
239	☐	SWMH-F6-032	5.38	109.18	w Maximum C	1.92	0 - 10:00 hrs	0.00	26.00	0.00	2.90	43.74	2.79	3.26	1.92	0.00	0.00	0.00	0 - 00:00 hrs
240	☐	SWMH-F6-037	6.40	107.78	w Maximum C	0.00	0 - 09:52 hrs	0.00	13.85	0.00	0.67	-52.26	1.03	4.10	0.00	0.00	0.02	12.00	0 - 09:52 hrs
241	☐	SWMH-F6-038	4.78	107.81	w Maximum C	0.00	0 - 09:52 hrs	20.47	20.47	0.75	0.75	0.00	0.96	3.28	0.00	0.08	0.33	15.77	0 - 09:59 hrs
242	☐	SWMH-F7-001	4.12	110.41	w Maximum C	13.13	0 - 09:57 hrs	0.00	112.84	0.00	18.52	369.84	0.04	0.12	13.13	0.00	0.00	0.00	0 - 00:00 hrs
243	☐	SWMH-F7-002	4.22	111.46	w Maximum C	12.58	0 - 09:57 hrs	8.48	112.89	0.29	18.52	509.86	0.07	0.22	12.58	0.00	0.00	0.00	0 - 00:00 hrs
244	☐	SWMH-F7-003	19.54	111.86	w Maximum C	2.61	0 - 09:56 hrs	44.28	122.49	1.93	5.79	362.00	0.42	15.79	2.61	0.00	0.00	0.00	0 - 00:00 hrs
245	☐	SWMH-F7-004	17.15	111.49	w Maximum C	0.00	0 - 09:56 hrs	0.00	78.30	0.00	3.87	-61.16	0.49	13.40	0.00	0.00	0.00	1.43	0 - 09:56 hrs

FUTURE CONDITIONS 20-YR 24-HR CLIMATE CHANGE JUNCTIONS

		ID	Maximum Depth (ft)	Maximum HGL (ft)	Maximum HGL Head Class	Freeboard (ft)	Max.Depth Day-Time (day-time)	Maximum Lateral Inflow (cfs)	Maximum Total Inflow (cfs)	Lateral Inflow Volume (MG)	Total Inflow Volume (MG)	Flow Volume Difference (MG)	Total Surcharge Time (hrs)	Max.Surchar ge Height Above Crown	Min.Surchar ge Depth Below Rim (ft)	Total Flood Volume (MG)	Total Flood Time (hrs)	Maximum Flood Rate (cfs)	Max.Flood Day-Time (day-time)
246	☐	SWMH-F7-005	17.05	112.44	Surcharged	0.00	0 - 09:56 hrs	0.00	78.30	0.00	3.87	301.02	0.50	13.55	0.00	0.00	0.00	1.05	0 - 09:56 hrs
247	☐	SWMH-F7-006	16.80	112.67	w Maximum	2.10	0 - 09:56 hrs	18.96	78.30	0.69	3.87	198.61	0.48	13.30	2.10	0.00	0.00	0.00	0 - 00:00 hrs
248	☐	SWMH-F7-019	12.70	101.02	Surcharged	0.00	0 - 09:56 hrs	0.00	128.21	0.00	6.01	545.66	0.82	9.15	0.00	0.00	0.00	2.67	0 - 09:56 hrs
249	☐	SWMH-F7-020	8.36	96.60	w Maximum	0.79	0 - 09:56 hrs	0.00	128.20	0.00	6.03	626.30	0.63	4.66	0.79	0.00	0.00	0.00	0 - 00:00 hrs
250	☐	SWMH-F7-021	19.40	109.58	Surcharged	0.00	0 - 09:56 hrs	5.70	128.17	0.20	5.99	-56.71	0.49	15.83	0.00	0.00	0.00	18.01	0 - 09:56 hrs
251	☐	SWMH-F7-023	3.12	108.21	low Link Cro	14.36	0 - 09:59 hrs	0.00	112.80	0.00	18.51	505.19	0.00	0.00	0.00	0.00	0.00	0.00	0 - 00:00 hrs
252	☐	SWMH-F7-024	3.69	105.41	low Link Cro	14.56	0 - 10:00 hrs	0.00	112.55	0.00	18.51	696.10	0.00	0.00	0.00	0.00	0.00	0.00	0 - 00:00 hrs
253	☐	SWMH-F7-025	2.58	101.36	low Link Cro	7.04	0 - 10:00 hrs	0.00	112.15	0.00	18.50	687.75	0.00	0.00	0.00	0.00	0.00	0.00	0 - 00:00 hrs
254	☐	SWMH-F7-026	9.82	103.43	w Maximum	0.98	0 - 00:01 hrs	0.00	112.07	0.00	18.57	2,571.94	0.01	5.82	0.98	0.00	0.00	0.00	0 - 00:00 hrs
255	☐	SWMH-F7-027	10.76	103.93	Surcharged	0.00	0 - 00:00 hrs	0.00	31.87	0.00	0.37	633.04	47.98	8.76	0.00	0.00	0.00	15.98	0 - 00:00 hrs
256	☐	SWMH-F7-028	9.03	102.96	w Maximum	0.00	0 - 00:02 hrs	0.00	13.74	0.00	0.37	1,179.46	47.93	7.03	0.00	0.00	0.00	7.14	0 - 00:02 hrs
257	☐	SWMH-F7-029	3.25	98.62	w Maximum	2.97	0 - 09:59 hrs	0.00	8.82	0.00	0.35	757.47	0.12	1.25	2.97	0.00	0.00	0.00	0 - 00:00 hrs
258	☐	SWMH-F8-011	1.39	98.07	low Link Cro	11.97	0 - 09:59 hrs	9.47	9.47	0.34	0.34	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0 - 00:00 hrs
259	☐	SWMH-G3-001	9.91	69.29	w Maximum	4.97	0 - 09:57 hrs	0.00	446.75	0.00	69.36	17,590.74	0.87	3.41	4.97	0.00	0.00	0.00	0 - 00:00 hrs
260	☐	SWMH-G3-002	12.69	74.89	w Maximum	4.09	0 - 09:57 hrs	0.00	454.37	0.00	69.39	3,841.60	0.79	6.19	4.09	0.00	0.00	0.00	0 - 00:00 hrs
261	☐	SWMH-G3-003	12.91	75.84	w Maximum	4.99	0 - 09:57 hrs	0.00	454.07	0.00	69.43	5,323.20	1.66	6.41	4.99	0.00	0.00	0.00	0 - 00:00 hrs
262	☐	SWMH-G3-004	11.17	77.08	Surcharged	0.00	0 - 09:52 hrs	0.00	161.14	0.00	19.09	0.00	6.25	6.67	0.00	0.02	0.12	7.11	0 - 10:03 hrs
263	☐	SWMH-G3-005	12.38	78.24	w Maximum	1.24	0 - 09:52 hrs	0.00	161.21	0.00	19.10	568.45	6.51	7.88	1.24	0.00	0.00	0.00	0 - 00:00 hrs
264	☐	SWMH-G3-007	11.20	65.01	Surcharged	0.00	0 - 09:56 hrs	0.00	59.76	0.00	2.79	-284.23	1.23	6.00	0.00	0.00	0.01	47.61	0 - 09:56 hrs
265	☐	SWMH-G3-008	11.10	68.19	w Maximum	0.00	0 - 09:59 hrs	61.27	61.27	2.78	2.78	898.98	0.47	6.05	0.00	0.00	0.00	48.50	0 - 09:59 hrs
266	☐	SWMH-G3-009	0.24	65.37	low Link Cro	10.51	0 - 10:00 hrs	0.00	13.68	0.00	0.00	22.63	0.00	0.00	0.00	0.00	0.00	0.00	0 - 00:00 hrs
267	☐	SWMH-G3-010	0.00	65.40	low Link Inve	10.54	0 - 00:00 hrs	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0 - 00:00 hrs
268	☐	SWMH-G3-011	10.04	77.60	w Maximum	0.00	0 - 09:52 hrs	0.00	162.33	0.00	38.93	264.01	2.33	5.54	0.00	0.00	0.00	36.16	0 - 09:52 hrs
269	☐	SWMH-G3-012	13.05	81.48	w Maximum	1.20	0 - 09:52 hrs	0.00	162.21	0.00	38.95	1,898.38	8.29	8.20	1.20	0.00	0.00	0.00	0 - 00:00 hrs
270	☐	SWMH-G3-013	12.40	81.53	Surcharged	0.00	0 - 09:52 hrs	0.00	162.13	0.00	38.96	1,685.21	8.23	7.90	0.00	0.00	0.00	0.08	0 - 09:52 hrs
271	☐	SWMH-G3-014	12.24	75.92	w Maximum	0.26	0 - 09:53 hrs	8.68	73.53	0.28	8.39	221.13	2.88	9.24	0.26	0.00	0.00	0.00	0 - 00:00 hrs
272	☐	SWMH-G3-015	11.95	76.94	Surcharged	0.00	0 - 09:53 hrs	24.74	72.98	0.99	8.29	734.97	2.87	8.95	0.00	0.18	0.42	27.88	0 - 09:59 hrs
273	☐	SWMH-G3-016	13.20	68.87	w Maximum	0.00	0 - 09:53 hrs	24.92	43.10	1.09	3.26	43.21	0.86	8.85	0.00	0.02	0.16	6.44	0 - 09:59 hrs
274	☐	SWMH-G3-017	11.30	70.39	w Maximum	0.00	0 - 09:53 hrs	0.00	26.87	0.00	2.18	213.43	0.75	8.80	0.00	0.00	0.00	8.58	0 - 09:53 hrs
275	☐	SWMH-G3-018	11.30	72.93	w Maximum	0.00	0 - 09:53 hrs	0.00	26.84	0.00	2.18	99.19	1.29	9.26	0.00	0.00	0.00	0.10	0 - 09:53 hrs
276	☐	SWMH-G3-019	11.26	73.70	w Maximum	0.00	0 - 09:53 hrs	0.00	26.82	0.00	2.18	129.26	1.36	9.26	0.00	0.00	0.00	0.25	0 - 09:53 hrs
277	☐	SWMH-G3-020	11.31	75.76	w Maximum	0.07	0 - 09:53 hrs	0.00	26.80	0.00	2.18	84.37	1.32	9.11	0.07	0.00	0.00	0.00	0 - 00:00 hrs
278	☐	SWMH-G3-021	11.10	77.05	Surcharged	0.00	0 - 09:51 hrs	53.95	53.95	2.40	2.40	0.00	1.38	9.10	0.00	0.22	0.43	35.70	0 - 09:59 hrs
279	☐	SWMH-G3-023	7.20	76.71	w Maximum	0.00	0 - 09:52 hrs	29.24	29.24	1.15	1.15	0.00	1.34	5.20	0.00	0.05	0.28	12.63	0 - 09:59 hrs
280	☐	SWMH-G3-027	1.71	72.48	low Link Cro	8.34	0 - 09:59 hrs	20.24	120.71	0.72	10.69	137.56	0.00	0.00	0.00	0.00	0.00	0.00	0 - 00:00 hrs
281	☐	SWMH-G3-028	10.80	75.81	w Maximum	0.00	0 - 09:52 hrs	20.86	335.31	0.76	58.77	4,354.00	2.26	4.00	0.00	0.00	0.01	22.89	0 - 09:52 hrs
282	☐	SWMH-G4-002	12.00	83.70	w Maximum	0.00	0 - 09:52 hrs	52.76	162.15	2.26	39.01	2,061.79	7.68	7.50	0.00	0.03	0.17	10.48	0 - 09:59 hrs
283	☐	SWMH-G4-004	11.42	85.86	w Maximum	1.38	0 - 09:55 hrs	0.00	138.48	0.00	36.76	1,048.98	6.67	6.72	1.38	0.00	0.00	0.00	0 - 00:00 hrs
284	☐	SWMH-G4-005	7.78	86.10	w Maximum	0.00	0 - 09:52 hrs	0.00	45.93	0.00	3.69	-979.92	2.18	2.67	0.00	0.11	0.41	33.82	0 - 09:52 hrs
285	☐	SWMH-G4-009	12.85	81.77	Surcharged	0.00	0 - 09:52 hrs	50.11	71.33	2.15	7.43	752.86	2.07	7.95	0.00	0.12	0.35	24.24	0 - 09:52 hrs
286	☐	SWMH-G4-010	11.75	83.77	w Maximum	1.11	0 - 09:52 hrs	0.00	48.57	0.00	5.28	156.37	2.26	8.49	1.11	0.00	0.00	0.00	0 - 00:00 hrs
287	☐	SWMH-G4-011	10.88	83.71	w Maximum	0.42	0 - 09:52 hrs	0.00	36.54	0.00	4.44	-9.61	2.13	7.77	0.42	0.00	0.00	0.00	0 - 00:00 hrs
288	☐	SWMH-G4-012	9.09	83.97	w Maximum	0.75	0 - 09:49 hrs	0.00	36.54	0.00	4.44	-19.97	2.17	6.59	0.75	0.00	0.00	0.00	0 - 00:00 hrs
289	☐	SWMH-G4-013	10.10	86.08	Surcharged	0.00	0 - 09:52 hrs	27.46	27.46	0.94	0.94	0.00	1.93	8.60	0.00	0.10	0.41	17.85	0 - 09:59 hrs
290	☐	SWMH-G4-014	5.90	88.76	Surcharged	0.00	0 - 09:55 hrs	35.34	70.89	1.41	3.85	162.75	1.29	2.40	0.00	0.14	0.33	36.64	0 - 09:55 hrs
291	☐	SWMH-G4-015	6.15	83.29	Surcharged	0.00	0 - 09:52 hrs	52.19	52.19	2.31	4.78	262.68	2.03	3.65	0.00	0.11	0.34	22.45	0 - 09:59 hrs
292	☐	SWMH-G4-016	9.00	82.99	w Maximum	0.00	0 - 09:52 hrs	0.00	18.08	0.00	0.01	0.00	1.64	6.75	0.00	0.00	0.01	17.35	0 - 09:52 hrs
293	☐	SWMH-G4-018	12.45	83.91	w Maximum	1.15	0 - 09:52 hrs	0.00	44.89	0.00	5.27	583.55	2.39	9.23	1.15	0.00	0.00	0.00	0 - 00:00 hrs
294	☐	SWMH-G4-019	7.10	93.00	w Maximum	0.00	0 - 09:52 hrs	0.00	35.15	0.00	2.80	-342.16	1.97	4.00	0.00	0.00	0.00	18.83	0 - 09:52 hrs

FUTURE CONDITIONS 20-YR 24-HR CLIMATE CHANGE JUNCTIONS

		ID	Maximum Depth (ft)	Maximum HGL (ft)	Maximum HGL Head Class	Freeboard (ft)	Max.Depth Day-Time (day-time)	Maximum Lateral Inflow (cfs)	Maximum Total Inflow (cfs)	Lateral Inflow Volume (MG)	Total Inflow Volume (MG)	Flow Volume Difference (MG)	Total Surcharge Time (hrs)	Max.Surchar ge Height Above Crown	Min.Surchar ge Depth Below Rim (ft)	Total Flood Volume (MG)	Total Flood Time (hrs)	Maximum Flood Rate (cfs)	Max.Flood Day-Time (day-time)
295	☐	SWMH-G4-020	9.34	93.01	w Maximum	0.00	0 - 09:52 hrs	0.00	31.75	0.00	2.80	-367.53	2.48	6.34	0.00	0.00	0.00	19.31	0 - 09:52 hrs
296	☐	SWMH-G5-001	6.95	94.84	Surcharged	0.00	0 - 09:51 hrs	42.21	60.88	1.84	1.93	0.00	1.61	4.25	0.00	0.44	0.60	60.82	0 - 09:59 hrs
297	☐	SWMH-G5-002	5.65	91.57	Surcharged	0.00	0 - 09:56 hrs	0.00	42.93	0.00	2.45	430.90	0.93	2.65	0.00	0.01	0.19	25.31	0 - 09:56 hrs
298	☐	SWMH-G5-003	6.20	93.11	w Maximum	0.00	0 - 09:56 hrs	54.98	54.98	2.54	2.53	0.00	0.86	3.10	0.00	0.08	0.26	19.33	0 - 09:59 hrs
299	☐	SWMH-G5-005	5.10	93.34	Surcharged	0.00	0 - 09:53 hrs	0.00	35.48	0.00	2.80	77.27	1.28	2.00	0.00	0.00	0.00	8.82	0 - 09:53 hrs
300	☐	SWMH-G5-006	5.95	95.83	Surcharged	0.00	0 - 09:48 hrs	75.88	75.88	3.13	3.13	0.00	1.75	3.45	0.00	0.32	0.59	48.43	0 - 09:59 hrs
301	☐	SWMH-G5-009	4.76	92.63	Surcharged	0.00	0 - 09:53 hrs	0.00	36.79	0.00	2.81	628.45	1.43	1.76	0.00	0.00	0.02	11.17	0 - 09:53 hrs
302	☐	SWMH-G6-001	8.47	98.71	w Maximum	5.18	0 - 09:56 hrs	20.84	69.44	0.80	5.00	700.43	1.70	5.32	5.18	0.00	0.00	0.00	0 - 00:00 hrs
303	☐	SWMH-G6-002	10.19	100.91	w Maximum	2.91	0 - 09:56 hrs	0.00	51.10	0.00	4.20	274.47	0.30	1.29	2.91	0.00	0.00	0.00	0 - 00:00 hrs
304	☐	SWMH-G6-003	10.51	101.81	w Maximum	2.99	0 - 09:56 hrs	13.06	35.26	0.45	2.96	251.16	0.53	2.06	2.99	0.00	0.00	0.00	0 - 00:00 hrs
305	☐	SWMH-G6-004	8.10	101.49	Surcharged	0.00	0 - 09:49 hrs	23.56	39.25	0.90	2.69	23.77	1.81	5.50	0.00	0.17	0.43	30.34	0 - 09:59 hrs
306	☐	SWMH-G6-005	6.10	104.45	w Maximum	0.00	0 - 09:51 hrs	0.00	20.39	0.00	1.79	176.52	1.53	4.10	0.00	0.00	0.00	5.41	0 - 09:51 hrs
307	☐	SWMH-G6-006	5.02	104.32	w Maximum	0.00	0 - 09:52 hrs	46.60	46.60	2.02	2.02	0.00	1.36	3.02	0.00	0.23	0.60	30.83	0 - 09:59 hrs
308	☐	SWMH-G6-007	5.30	103.63	Surcharged	0.00	0 - 09:56 hrs	0.00	27.79	0.00	1.24	19.03	0.31	3.30	0.00	0.00	0.00	2.80	0 - 09:56 hrs
309	☐	SWMH-G6-009	13.75	97.23	Surcharged	0.00	0 - 09:53 hrs	62.37	98.72	2.51	7.64	227.62	1.33	10.00	0.00	0.00	0.00	0.96	0 - 09:53 hrs
310	☐	SWMH-G6-010	12.87	97.29	w Maximum	1.33	0 - 09:53 hrs	0.00	59.27	0.00	5.13	118.94	1.24	9.36	1.33	0.00	0.00	0.00	0 - 00:00 hrs
311	☐	SWMH-G6-011	9.47	97.56	w Maximum	6.01	0 - 09:53 hrs	0.00	66.91	0.00	5.13	281.60	1.08	6.47	6.01	0.00	0.00	0.00	0 - 00:00 hrs
312	☐	SWMH-G6-012	8.40	96.94	Surcharged	0.00	0 - 09:53 hrs	0.00	66.90	0.00	5.14	56.75	1.19	5.20	0.00	0.01	0.16	8.06	0 - 09:59 hrs
313	☐	SWMH-G6-013	7.62	97.34	Surcharged	0.00	0 - 09:52 hrs	0.00	67.26	0.00	5.26	261.92	1.13	4.60	0.00	0.11	0.28	20.81	0 - 10:04 hrs
314	☐	SWMH-G6-014	10.05	101.35	w Maximum	0.00	0 - 09:49 hrs	39.89	67.25	1.68	5.28	582.57	1.63	6.95	0.00	0.01	0.18	6.73	0 - 09:59 hrs
315	☐	SWMH-G6-015	8.42	102.18	w Maximum	0.00	0 - 09:52 hrs	50.69	72.73	2.19	3.96	114.89	1.34	5.35	0.00	0.36	0.47	49.52	0 - 09:59 hrs
316	☐	SWMH-G6-016	7.52	104.84	w Maximum	0.00	0 - 09:52 hrs	10.10	31.41	0.33	1.83	154.14	1.25	5.23	0.00	0.06	0.38	10.98	0 - 09:52 hrs
317	☐	SWMH-G6-017	8.25	108.12	Surcharged	0.00	0 - 09:52 hrs	22.73	27.39	0.85	1.52	181.95	1.12	5.95	0.00	0.00	0.00	9.34	0 - 09:52 hrs
318	☐	SWMH-G6-022	7.78	95.29	Surcharged	0.00	0 - 09:49 hrs	37.84	37.84	1.60	3.09	-24.33	1.70	5.28	0.00	0.00	0.05	6.78	0 - 09:49 hrs
319	☐	SWMH-G6-023	9.92	101.61	w Maximum	3.33	0 - 09:56 hrs	0.00	32.62	0.00	2.96	0.00	1.92	7.42	3.33	0.00	0.00	0.00	0 - 00:00 hrs
320	☐	SWMH-G6-024	3.25	101.86	w Maximum	2.90	0 - 09:56 hrs	0.00	2.11	0.00	0.00	0.00	0.44	1.75	2.90	0.00	0.00	0.00	0 - 00:00 hrs
321	☐	SWMH-G7-001	18.88	111.97	w Maximum	1.32	0 - 09:56 hrs	0.00	78.35	0.00	3.87	164.50	0.45	15.38	1.32	0.00	0.00	0.00	0 - 00:00 hrs
322	☐	SWMH-G7-004	4.89	94.33	w Maximum	11.59	0 - 09:52 hrs	0.00	69.42	0.00	5.00	111.04	0.94	1.61	11.59	0.00	0.00	0.00	0 - 00:00 hrs
323	☐	SWMH-G7-005	7.85	73.95	w Maximum	0.00	0 - 10:00 hrs	36.78	86.62	1.36	3.35	33.40	0.39	4.24	0.00	0.00	0.01	4.60	0 - 10:02 hrs
324	☐	SWMH-G7-006	6.98	74.06	w Maximum	0.00	0 - 10:00 hrs	0.00	50.76	0.00	2.00	0.00	0.32	3.48	0.00	0.01	0.06	10.05	0 - 10:02 hrs
325	☐	SWMH-G7-007	7.30	74.26	Surcharged	0.00	0 - 09:59 hrs	0.00	50.63	0.00	2.00	136.84	0.35	3.80	0.00	0.00	0.01	1.26	0 - 10:02 hrs
326	☐	SWMH-G7-008	7.30	74.79	w Maximum	0.00	0 - 09:57 hrs	0.00	50.52	0.00	2.00	84.15	0.30	3.80	0.00	0.00	0.00	10.33	0 - 09:57 hrs
327	☐	SWMH-G7-009	7.70	77.56	w Maximum	0.00	0 - 09:59 hrs	51.91	51.91	2.01	2.00	0.00	0.39	5.20	0.00	0.00	0.01	5.09	0 - 09:59 hrs
328	☐	SWMH-G7-034	5.01	72.55	w Maximum	3.68	0 - 09:56 hrs	0.00	35.71	0.00	2.50	-177.07	0.78	2.51	3.68	0.00	0.00	0.00	0 - 00:00 hrs
329	☐	SWMH-G7-035	4.47	79.00	low Link Cro	7.01	0 - 09:59 hrs	4.89	73.86	0.17	5.17	105.09	0.00	0.00	0.00	0.00	0.00	0.00	0 - 00:00 hrs
330	☐	SWMH-G7-036	4.42	76.88	w Maximum	5.58	0 - 09:59 hrs	0.00	73.81	0.00	5.17	144.22	0.60	1.17	5.58	0.00	0.00	0.00	0 - 00:00 hrs
331	☐	SWMH-G7-037	4.12	76.25	w Maximum	6.08	0 - 09:57 hrs	0.00	73.81	0.00	5.16	92.85	0.60	0.92	6.08	0.00	0.00	0.00	0 - 00:00 hrs
332	☐	SWMH-G7-038	1.91	82.96	low Link Cro	7.83	0 - 09:59 hrs	0.00	69.23	0.00	5.00	92.05	0.00	0.00	0.00	0.00	0.00	0.00	0 - 00:00 hrs
333	☐	SWMH-G7-039	2.64	90.02	low Link Cro	9.91	0 - 09:59 hrs	0.00	69.41	0.00	5.00	91.56	0.00	0.00	0.00	0.00	0.00	0.00	0 - 00:00 hrs
334	☐	SWMH-G7-040	2.84	73.90	low Link Cro	6.41	0 - 10:00 hrs	0.00	73.82	0.00	5.16	53.41	0.00	0.00	0.00	0.00	0.00	0.00	0 - 00:00 hrs
335	☐	SWMH-G7-046	9.75	92.04	w Maximum	0.00	0 - 09:57 hrs	0.00	20.20	0.00	1.57	346.97	0.33	7.50	0.00	0.00	0.00	1.49	0 - 09:57 hrs
336	☐	SWMH-G7-047	8.43	84.88	w Maximum	0.00	0 - 09:56 hrs	0.00	21.94	0.00	1.56	-91.97	0.57	5.87	0.00	0.00	0.00	5.91	0 - 09:56 hrs
337	☐	SWMH-G7-048	9.45	81.42	Surcharged	0.00	0 - 09:52 hrs	12.46	31.22	0.48	2.04	-16.06	0.79	6.95	0.00	0.01	0.18	5.42	0 - 09:52 hrs
338	☐	SWMH-G7-049	7.75	90.61	Surcharged	0.00	0 - 09:57 hrs	0.00	20.12	0.00	1.57	41.33	0.73	5.60	0.00	0.00	0.00	0.89	0 - 09:57 hrs
339	☐	SWMH-G7-050	7.13	90.81	Surcharged	0.00	0 - 09:57 hrs	0.00	20.12	0.00	1.57	120.83	0.79	4.92	0.00	0.00	0.00	0.11	0 - 09:57 hrs
340	☐	SWMH-G7-051	6.30	91.10	w Maximum	0.00	0 - 09:49 hrs	0.00	20.17	0.00	1.57	241.25	0.88	4.25	0.00	0.00	0.00	2.20	0 - 09:49 hrs
341	☐	SWMH-G7-052	6.80	92.06	Surcharged	0.00	0 - 09:49 hrs	0.00	20.12	0.00	1.57	-61.16	0.95	4.58	0.00	0.00	0.00	0.30	0 - 09:57 hrs
342	☐	SWMH-G7-053	7.22	93.72	Surcharged	0.00	0 - 09:49 hrs	43.74	43.74	1.69	1.68	0.00	0.97	5.22	0.00	0.12	0.35	24.90	0 - 09:59 hrs
343	☐	SWMH-G7-054	9.20	80.08	Surcharged	0.00	0 - 09:56 hrs	12.77	39.17	0.48	2.51	440.12	0.89	6.95	0.00	0.01	0.16	3.47	0 - 09:59 hrs

FUTURE CONDITIONS 20-YR 24-HR CLIMATE CHANGE JUNCTIONS

		ID	Maximum Depth (ft)	Maximum HGL (ft)	Maximum HGL Head Class	Freeboard (ft)	Max.Depth Day-Time (day-time)	Maximum Lateral Inflow (cfs)	Maximum Total Inflow (cfs)	Lateral Inflow Volume (MG)	Total Inflow Volume (MG)	Flow Volume Difference (MG)	Total Surcharge Time (hrs)	Max.Surchar ge Height Above Crown	Min.Surchar ge Depth Below Rim (ft)	Total Flood Volume (MG)	Total Flood Time (hrs)	Maximum Flood Rate (cfs)	Max.Flood Day-Time (day-time)
344	☐	SWMH-G7-055	7.60	76.06	w Maximum	0.00	0 - 09:59 hrs	0.00	51.09	0.00	2.00	-74.37	0.19	4.10	0.00	0.00	0.00	10.37	0 - 09:59 hrs
345	☐	SWMH-G7-056	4.34	71.07	w Maximum	5.16	0 - 09:53 hrs	0.00	35.71	0.00	2.51	120.46	0.75	1.84	5.16	0.00	0.00	0.00	0 - 00:00 hrs
346	☐	SWMH-G8-001	8.52	108.14	w Maximum	0.00	0 - 09:49 hrs	0.00	21.67	0.00	2.55	110.67	2.66	6.30	0.00	0.01	0.38	1.49	0 - 10:03 hrs
347	☐	SWMH-G8-002	8.25	109.63	w Maximum	0.00	0 - 09:45 hrs	20.55	45.79	0.77	2.89	181.97	2.44	6.20	0.00	0.34	0.82	29.92	0 - 09:59 hrs
348	☐	SWMH-G8-003	9.82	112.68	w Maximum	0.00	0 - 09:51 hrs	53.24	53.24	2.29	2.29	0.00	2.00	7.82	0.00	0.16	0.44	27.93	0 - 09:59 hrs
349	☐	SWMH-G8-007	9.20	114.76	Surcharged	0.00	0 - 09:51 hrs	13.77	29.73	0.43	2.32	180.25	1.29	6.70	0.00	0.00	0.17	9.84	0 - 09:51 hrs
350	☐	SWMH-G8-008	7.97	116.55	Surcharged	0.00	0 - 09:49 hrs	14.59	27.48	0.51	1.99	270.72	1.35	5.85	0.00	0.10	0.50	14.85	0 - 09:59 hrs
351	☐	SWMH-G8-009	8.12	117.47	Surcharged	0.00	0 - 09:49 hrs	42.57	42.57	1.71	1.71	0.00	1.44	6.12	0.00	0.22	0.61	29.62	0 - 09:59 hrs
352	☐	SWMH-G8-033	8.25	119.48	Surcharged	0.00	0 - 09:55 hrs	5.43	5.43	0.18	0.18	0.00	0.41	6.75	0.00	0.00	0.03	2.98	0 - 09:55 hrs
353	☐	SWMH-G8-034	8.30	117.53	w Maximum	0.00	0 - 09:53 hrs	8.07	13.28	0.28	0.46	68.95	0.57	6.55	0.00	0.00	0.14	2.93	0 - 09:53 hrs
354	☐	SWMH-G8-035	8.30	115.53	w Maximum	0.00	0 - 10:00 hrs	0.00	11.39	0.00	0.46	237.28	0.18	6.50	0.00	0.00	0.00	1.46	0 - 10:00 hrs
355	☐	SWMH-G8-036	8.40	108.86	w Maximum	0.00	0 - 10:00 hrs	0.00	10.24	0.00	0.45	-90.90	0.28	6.60	0.00	0.00	0.00	0.81	0 - 10:00 hrs
356	☐	SWMH-G8-062	7.95	109.58	w Maximum	0.00	0 - 09:51 hrs	4.46	27.84	0.15	2.46	47.06	1.35	5.70	0.00	0.03	0.32	5.74	0 - 09:51 hrs
357	☐	SWMH-H2-001	12.41	46.85	w Maximum	1.67	0 - 09:56 hrs	0.00	320.74	0.00	34.08	0.00	2.22	6.41	1.67	0.00	0.00	0.00	0 - 00:00 hrs
358	☐	SWMH-H2-002	16.51	52.97	w Maximum	1.03	0 - 10:00 hrs	49.51	471.95	2.03	71.57	6,311.81	0.38	9.51	1.03	0.00	0.00	0.00	0 - 00:00 hrs
359	☐	SWMH-H2-003	2.54	44.22	Flow Link Cro	16.28	0 - 10:02 hrs	0.00	427.09	0.00	69.25	805.69	0.00	0.00	0.00	0.00	0.00	0.00	0 - 00:00 hrs
360	☐	SWMH-H2-004	13.80	48.08	Surcharged	0.00	0 - 09:56 hrs	0.00	320.80	0.00	34.09	3,273.66	2.06	6.87	0.00	0.00	0.00	6.11	0 - 09:56 hrs
361	☐	SWMH-H3-001	8.89	62.68	w Maximum	3.73	0 - 10:00 hrs	0.00	443.81	0.00	69.23	-4,907.15	0.50	2.39	3.73	0.00	0.00	0.00	0 - 00:00 hrs
362	☐	SWMH-H3-002	11.50	62.36	Surcharged	0.00	0 - 09:59 hrs	47.40	225.19	2.08	19.30	1,820.01	1.89	5.75	0.00	0.09	0.15	30.13	0 - 10:00 hrs
363	☐	SWMH-H3-003	10.50	67.91	w Maximum	1.80	0 - 09:55 hrs	13.90	138.35	0.50	14.43	680.21	1.52	6.90	1.80	0.00	0.00	0.00	0 - 00:00 hrs
364	☐	SWMH-H3-004	13.30	73.96	Surcharged	0.00	0 - 09:53 hrs	0.00	116.92	0.00	12.74	1,145.62	1.64	7.25	0.00	0.00	0.00	24.15	0 - 09:53 hrs
365	☐	SWMH-H3-005	12.90	74.59	w Maximum	0.00	0 - 09:53 hrs	0.00	52.83	0.00	4.35	96.40	1.40	4.35	0.00	0.00	0.00	15.65	0 - 09:53 hrs
366	☐	SWMH-H3-007	17.00	53.26	w Maximum	0.00	0 - 09:56 hrs	0.00	303.76	0.00	27.02	1,760.54	1.57	10.50	0.00	0.00	0.00	4.16	0 - 09:56 hrs
367	☐	SWMH-H3-008	17.03	53.52	Surcharged	0.00	0 - 09:56 hrs	0.00	303.66	0.00	26.97	3,092.90	1.48	10.53	0.00	0.00	0.00	62.07	0 - 09:56 hrs
368	☐	SWMH-H3-009	6.34	49.40	w Maximum	5.16	0 - 10:23 hrs	0.00	99.57	0.00	6.19	-445.06	21.37	2.58	5.16	0.00	0.00	0.00	0 - 00:00 hrs
369	☐	SWMH-H3-010	6.84	50.10	w Maximum	3.86	0 - 10:08 hrs	0.00	99.57	0.00	6.18	-487.93	21.61	3.29	3.86	0.00	0.00	0.00	0 - 00:00 hrs
370	☐	SWMH-H3-011	7.34	50.92	w Maximum	3.46	0 - 10:04 hrs	0.00	99.57	0.00	6.18	-479.34	10.14	3.54	3.46	0.00	0.00	0.00	0 - 00:00 hrs
371	☐	SWMH-H3-012	8.14	52.59	w Maximum	3.36	0 - 10:04 hrs	0.00	99.59	0.00	6.17	-1,076.93	5.52	4.64	3.36	0.00	0.00	0.00	0 - 00:00 hrs
372	☐	SWMH-H3-013	11.02	56.59	w Maximum	2.50	0 - 10:03 hrs	0.00	99.58	0.00	6.16	-1,337.16	2.60	7.51	2.50	0.00	0.00	0.00	0 - 00:00 hrs
373	☐	SWMH-H3-014	12.52	58.54	w Maximum	1.90	0 - 09:52 hrs	0.00	99.54	0.00	6.16	-358.22	2.20	9.02	1.90	0.00	0.00	0.00	0 - 00:00 hrs
374	☐	SWMH-H3-015	15.28	62.00	w Maximum	1.50	0 - 09:59 hrs	44.09	99.56	1.85	6.16	122.61	1.82	11.78	1.50	0.00	0.00	0.00	0 - 00:00 hrs
375	☐	SWMH-H3-016	14.28	64.01	w Maximum	0.42	0 - 09:59 hrs	0.00	59.80	0.00	4.31	17.47	1.37	11.78	0.42	0.00	0.00	0.00	0 - 00:00 hrs
376	☐	SWMH-H3-017	14.25	65.02	Surcharged	0.00	0 - 09:52 hrs	25.56	62.19	1.07	4.32	277.42	1.18	11.75	0.00	0.01	0.14	9.82	0 - 09:52 hrs
377	☐	SWMH-H3-018	11.10	74.34	Surcharged	0.00	0 - 09:53 hrs	0.00	35.09	0.00	3.32	265.95	2.82	8.60	0.00	0.07	0.44	8.84	0 - 10:03 hrs
378	☐	SWMH-H3-020	9.05	75.16	w Maximum	0.00	0 - 09:52 hrs	57.05	71.17	2.67	3.76	99.04	2.16	6.55	0.00	0.44	0.64	48.56	0 - 09:59 hrs
379	☐	SWMH-H3-025	7.64	70.32	w Maximum	0.00	0 - 09:56 hrs	29.84	29.84	1.21	1.21	0.00	0.71	5.39	0.00	0.00	0.00	6.16	0 - 09:56 hrs
380	☐	SWMH-H3-026	0.96	59.07	Flow Link Cro	8.14	0 - 09:49 hrs	0.00	17.79	0.00	3.52	75.59	0.00	0.00	0.00	0.00	0.00	0.00	0 - 00:00 hrs
381	☐	SWMH-H3-028	3.16	63.42	w Maximum	2.26	0 - 10:18 hrs	0.00	11.91	0.00	2.84	325.17	5.89	1.40	2.26	0.00	0.00	0.00	0 - 00:00 hrs
382	☐	SWMH-H3-029	3.99	65.70	w Maximum	1.11	0 - 10:27 hrs	0.00	11.91	0.00	2.85	86.93	5.73	2.03	1.11	0.00	0.00	0.00	0 - 00:00 hrs
383	☐	SWMH-H3-030	5.52	66.94	Surcharged	0.00	0 - 09:45 hrs	20.10	20.10	0.78	0.78	0.00	2.99	4.19	0.00	0.10	0.63	14.19	0 - 09:59 hrs
384	☐	SWMH-H3-031?	4.07	65.40	w Maximum	0.53	0 - 09:52 hrs	0.00	5.89	0.00	0.68	26.93	2.18	2.73	0.53	0.00	0.00	0.00	0 - 00:00 hrs
385	☐	SWMH-H3-032	2.61	63.44	w Maximum	1.49	0 - 10:00 hrs	0.00	5.90	0.00	0.68	85.14	1.80	1.27	1.49	0.00	0.00	0.00	0 - 00:00 hrs
386	☐	SWMH-H3-033	4.80	67.67	w Maximum	0.00	0 - 09:26 hrs	73.39	73.39	3.79	3.79	0.00	6.24	3.05	0.00	0.94	2.33	61.46	0 - 10:03 hrs
387	☐	SWMH-H4-001	5.00	77.95	Surcharged	0.00	0 - 09:48 hrs	0.00	28.34	0.00	0.86	18.31	2.51	2.75	0.00	0.35	0.89	28.30	0 - 09:59 hrs
388	☐	SWMH-H4-002	5.16	78.99	Surcharged	0.00	0 - 09:48 hrs	0.00	18.74	0.00	0.74	-44.89	1.83	1.55	0.00	0.00	0.00	6.92	0 - 09:48 hrs
389	☐	SWMH-H4-003	3.56	81.51	Surcharged	0.00	0 - 09:57 hrs	18.75	18.75	0.73	0.73	0.00	0.24	1.56	0.00	0.00	0.00	1.10	0 - 09:57 hrs
390	☐	SWMH-H4-004	5.04	78.12	Surcharged	0.00	0 - 09:48 hrs	41.18	47.73	1.88	1.93	0.00	2.74	3.04	0.00	0.46	0.88	47.67	0 - 09:59 hrs
391	☐	SWMH-H4-005	4.15	71.50	w Maximum	0.00	0 - 09:59 hrs	0.00	59.49	0.00	3.40	119.37	0.27	2.15	0.00	0.00	0.00	8.16	0 - 09:59 hrs
392	☐	SWMH-H4-006	5.54	76.87	w Maximum	0.00	0 - 09:57 hrs	10.91	24.17	0.41	1.49	125.27	0.36	3.54	0.00	0.00	0.00	2.96	0 - 09:57 hrs

FUTURE CONDITIONS 20-YR 24-HR CLIMATE CHANGE JUNCTIONS

		ID	Maximum Depth (ft)	Maximum HGL (ft)	Maximum HGL Head Class	Freeboard (ft)	Max.Depth Day-Time (day-time)	Maximum Lateral Inflow (cfs)	Maximum Total Inflow (cfs)	Lateral Inflow Volume (MG)	Total Inflow Volume (MG)	Flow Volume Difference (MG)	Total Surcharge Time (hrs)	Max.Surchar ge Height Above Crown	Min.Surchar ge Depth Below Rim (ft)	Total Flood Volume (MG)	Total Flood Time (hrs)	Maximum Flood Rate (cfs)	Max.Flood Day-Time (day-time)
393	☐	SWMH-H4-007	5.46	76.95	Maximum	0.18	0 - 09:57 hrs	0.00	14.46	0.00	1.08	2.70	0.31	3.46	0.18	0.00	0.00	0.00	0 - 00:00 hrs
394	☐	SWMH-H4-010	8.90	79.62	Surcharged	0.00	0 - 09:52 hrs	0.00	14.82	0.00	1.09	95.60	1.66	6.65	0.00	0.00	0.00	9.79	0 - 09:52 hrs
395	☐	SWMH-H4-012	5.25	78.18	Maximum	0.00	0 - 09:48 hrs	53.17	53.17	2.54	4.52	612.03	2.48	3.00	0.00	0.06	0.29	16.13	0 - 09:59 hrs
396	☐	SWMH-H4-013	5.40	76.79	Maximum	0.00	0 - 09:55 hrs	0.00	28.11	0.00	1.55	0.00	0.63	3.40	0.00	0.01	0.23	4.05	0 - 10:00 hrs
397	☐	SWMH-H4-014	5.73	77.10	Maximum	0.00	0 - 09:55 hrs	37.63	37.63	1.58	1.58	17.94	0.75	3.73	0.00	0.03	0.22	9.48	0 - 09:59 hrs
398	☐	SWMH-H4-015	3.85	71.83	Surcharged	0.00	0 - 09:59 hrs	0.00	9.51	0.00	0.38	-14.34	0.31	2.10	0.00	0.00	0.00	0.72	0 - 09:59 hrs
399	☐	SWMH-H4-016	3.68	71.22	Maximum	0.00	0 - 09:59 hrs	0.00	9.23	0.00	0.38	14.69	0.33	1.93	0.00	0.00	0.00	1.18	0 - 09:59 hrs
400	☐	SWMH-H4-017	6.00	79.43	Maximum	0.00	0 - 09:52 hrs	28.92	28.92	1.17	1.17	0.00	1.31	4.00	0.00	0.07	0.32	14.77	0 - 09:59 hrs
401	☐	SWMH-H4-018	8.30	80.25	Maximum	0.00	0 - 09:52 hrs	0.00	15.91	0.00	1.09	213.72	1.50	6.00	0.00	0.00	0.00	7.89	0 - 09:52 hrs
402	☐	SWMH-H5-002	5.10	78.52	Surcharged	0.00	0 - 09:41 hrs	0.00	37.20	0.00	5.83	246.04	4.00	2.60	0.00	0.22	1.21	8.63	0 - 10:07 hrs
403	☐	SWMH-H5-003	5.55	80.20	Maximum	0.00	0 - 09:41 hrs	64.68	92.56	3.04	6.51	234.95	3.56	3.05	0.00	0.69	1.07	56.48	0 - 09:59 hrs
404	☐	SWMH-H5-004	5.90	82.34	Maximum	0.00	0 - 09:45 hrs	22.92	41.51	0.87	3.56	100.34	3.01	3.22	0.00	0.08	0.49	13.59	0 - 09:59 hrs
405	☐	SWMH-H5-005	6.30	87.07	Surcharged	0.00	0 - 09:49 hrs	23.21	29.90	0.94	2.59	292.27	3.10	4.20	0.00	0.09	0.57	13.92	0 - 09:59 hrs
406	☐	SWMH-H5-007	10.80	82.87	Maximum	1.50	0 - 09:52 hrs	0.00	32.56	0.00	3.25	315.87	2.52	8.18	1.50	0.00	0.00	0.00	0 - 00:00 hrs
407	☐	SWMH-H5-008	8.48	82.36	Maximum	0.00	0 - 09:49 hrs	40.07	54.09	1.67	3.51	95.29	1.95	4.20	0.00	0.26	0.56	41.01	0 - 09:59 hrs
408	☐	SWMH-H5-009	5.55	84.52	Maximum	0.00	0 - 09:49 hrs	0.00	25.09	0.00	1.87	366.07	2.23	3.55	0.00	0.03	0.62	6.43	0 - 09:49 hrs
409	☐	SWMH-H5-010	6.16	86.44	Maximum	0.14	0 - 09:49 hrs	0.00	24.98	0.00	2.18	36.82	1.95	3.52	0.14	0.00	0.00	0.00	0 - 00:00 hrs
410	☐	SWMH-H5-012	9.96	91.10	Surcharged	-5.00	0 - 09:41 hrs	66.26	66.26	3.48	3.48	0.00	7.08	8.21	0.00	0.77	1.80	53.89	0 - 10:03 hrs
411	☐	SWMH-H6-001	7.52	83.30	Maximum	4.83	0 - 09:53 hrs	32.89	140.34	1.40	9.77	1,034.94	1.27	3.89	4.83	0.00	0.00	0.00	0 - 00:00 hrs
412	☐	SWMH-H6-002	10.90	89.56	Surcharged	0.00	0 - 09:53 hrs	0.00	107.88	0.00	8.31	266.79	1.15	7.33	0.00	0.00	0.00	21.45	0 - 09:53 hrs
413	☐	SWMH-H6-003	11.44	92.65	Maximum	0.00	0 - 09:53 hrs	0.00	110.80	0.00	8.31	350.05	0.99	7.75	0.00	0.00	0.00	0.68	0 - 09:53 hrs
414	☐	SWMH-H6-004	13.22	95.27	Maximum	0.08	0 - 09:53 hrs	17.77	110.85	0.68	8.31	576.23	1.26	9.42	0.08	0.00	0.00	0.00	0 - 00:00 hrs
415	☐	SWMH-H6-006	3.91	86.15	Maximum	6.79	0 - 09:59 hrs	0.00	54.15	0.00	4.58	34.05	0.88	1.41	6.79	0.00	0.00	0.00	0 - 00:00 hrs
416	☐	SWMH-H6-009	9.31	90.43	Maximum	0.00	0 - 09:56 hrs	14.35	14.35	0.51	0.51	0.00	0.42	7.56	0.00	0.00	0.13	2.99	0 - 09:59 hrs
417	☐	SWMH-H6-010	9.48	88.79	Surcharged	0.00	0 - 09:56 hrs	0.00	11.76	0.00	0.51	190.38	0.49	7.50	0.00	0.00	0.00	3.71	0 - 09:56 hrs
418	☐	SWMH-H7-001	8.23	67.94	Surcharged	0.00	0 - 10:00 hrs	29.52	105.92	1.05	4.87	624.17	0.65	4.23	0.00	0.00	0.00	0.70	0 - 10:00 hrs
419	☐	SWMH-H7-002	8.80	68.28	Surcharged	0.00	0 - 09:59 hrs	0.00	83.31	0.00	3.80	-10.14	0.53	3.48	0.00	0.00	0.02	27.26	0 - 10:00 hrs
420	☐	SWMH-H7-003	8.80	71.03	Surcharged	0.00	0 - 10:00 hrs	13.60	88.21	0.47	3.81	147.98	0.40	4.80	0.00	0.00	0.00	8.50	0 - 10:00 hrs
421	☐	SWMH-H7-004	7.64	70.42	Maximum	0.00	0 - 10:00 hrs	0.00	81.46	0.00	3.34	18.34	0.30	3.64	0.00	0.00	0.00	0.29	0 - 10:00 hrs
422	☐	SWMH-H7-005	7.70	71.08	Surcharged	0.00	0 - 10:00 hrs	0.00	79.95	0.00	3.35	70.58	0.22	3.70	0.00	0.00	0.00	13.41	0 - 10:00 hrs
423	☐	SWMH-H7-006	7.80	71.57	Surcharged	0.00	0 - 10:00 hrs	0.00	79.97	0.00	3.35	120.79	0.19	3.80	0.00	0.00	0.00	14.73	0 - 10:00 hrs
424	☐	SWMH-H7-007	7.90	71.96	Surcharged	0.00	0 - 10:00 hrs	0.00	80.56	0.00	3.35	93.30	0.32	4.40	0.00	0.00	0.00	3.84	0 - 10:00 hrs
425	☐	SWMH-H7-008	7.55	72.59	Maximum	0.45	0 - 10:00 hrs	0.00	86.64	0.00	3.34	-194.79	0.20	4.05	0.45	0.00	0.00	0.00	0 - 00:00 hrs
426	☐	SWMH-H7-009	8.33	73.67	Maximum	0.00	0 - 10:00 hrs	0.00	86.66	0.00	3.35	438.38	0.39	4.70	0.00	0.00	0.00	10.75	0 - 10:00 hrs
427	☐	SWMH-H7-011	3.14	68.22	Maximum	5.51	0 - 00:02 hrs	0.00	36.29	0.00	2.53	417.70	0.03	0.49	5.51	0.00	0.00	0.00	0 - 00:00 hrs
428	☐	SWMH-H7-012	2.74	68.31	Flow Link Cro	5.76	0 - 09:56 hrs	0.00	35.72	0.00	2.52	571.20	0.00	0.00	0.00	0.00	0.00	0.00	0 - 00:00 hrs
429	☐	SWMH-H7-013	10.55	72.59	Surcharged	0.00	0 - 09:49 hrs	31.62	31.62	1.27	1.27	0.00	1.67	8.45	0.00	0.07	0.36	14.84	0 - 09:59 hrs
430	☐	SWMH-H7-014	8.40	69.85	Maximum	0.00	0 - 09:49 hrs	0.00	23.93	0.00	1.70	52.02	1.40	6.25	0.00	0.00	0.12	3.15	0 - 09:49 hrs
431	☐	SWMH-H7-015	8.07	67.26	Maximum	0.14	0 - 10:00 hrs	0.00	23.93	0.00	1.70	489.39	2.55	6.07	0.14	0.00	0.00	0.00	0 - 00:00 hrs
432	☐	SWMH-H7-016	0.63	59.48	Flow Link Cro	5.57	0 - 09:59 hrs	1.78	1.78	0.06	0.06	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0 - 00:00 hrs
433	☐	SWMH-H7-017	1.68	60.41	Flow Link Cro	6.02	0 - 09:59 hrs	18.97	18.97	0.70	0.70	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0 - 00:00 hrs
434	☐	SWMH-H7-020	6.09	64.40	Maximum	1.91	0 - 10:00 hrs	0.00	126.13	0.00	6.68	1,207.18	0.69	2.08	1.91	0.00	0.00	0.00	0 - 00:00 hrs
435	☐	SWMH-H7-021	10.20	72.29	Maximum	0.00	0 - 09:52 hrs	15.99	32.73	0.56	1.76	163.32	1.61	8.20	0.00	0.06	0.38	10.49	0 - 09:59 hrs
436	☐	SWMH-H7-069	5.87	61.83	Maximum	3.83	0 - 00:00 hrs	0.00	41.93	0.00	1.32	1,067.80	0.01	2.81	3.83	0.00	0.00	0.00	0 - 00:00 hrs
437	☐	SWMH-H7-070	8.25	67.23	Maximum	0.00	0 - 10:00 hrs	0.00	105.91	0.00	4.90	664.42	0.69	4.25	0.00	0.00	0.00	0.61	0 - 10:00 hrs
438	☐	SWMH-H7-071	8.33	66.83	Maximum	0.13	0 - 10:00 hrs	0.00	105.93	0.00	4.93	1,607.10	0.75	4.33	0.13	0.00	0.00	0.00	0 - 00:00 hrs
439	☐	SWMH-H7-072	5.26	63.12	Maximum	2.44	0 - 10:00 hrs	0.00	126.15	0.00	6.70	1,693.23	0.59	1.26	2.44	0.00	0.00	0.00	0 - 00:00 hrs
440	☐	SWMH-H7-073	7.00	66.77	Maximum	3.15	0 - 09:59 hrs	0.00	25.65	0.00	1.02	73.73	0.42	4.75	3.15	0.00	0.00	0.00	0 - 00:00 hrs
441	☐	SWMH-H7-074	4.13	62.76	Maximum	3.17	0 - 09:59 hrs	0.00	25.63	0.00	1.03	49.85	0.34	2.03	3.17	0.00	0.00	0.00	0 - 00:00 hrs

FUTURE CONDITIONS 20-YR 24-HR CLIMATE CHANGE JUNCTIONS

		ID	Maximum Depth (ft)	Maximum HGL (ft)	Maximum HGL Head Class	Freeboard (ft)	Max.Depth Day-Time (day-time)	Maximum Lateral Inflow (cfs)	Maximum Total Inflow (cfs)	Lateral Inflow Volume (MG)	Total Inflow Volume (MG)	Flow Volume Difference (MG)	Total Surcharge Time (hrs)	Max.Surchar ge Height Above Crown	Min.Surchar ge Depth Below Rim (ft)	Total Flood Volume (MG)	Total Flood Time (hrs)	Maximum Flood Rate (cfs)	Max.Flood Day-Time (day-time)
442	☐	SWMH-H7-075	2.63	59.61	Flow Link Crow	4.87	0 - 09:59 hrs	0.00	32.69	0.00	1.31	1,186.88	0.00	0.00	0.00	0.00	0.00	0.00	0 - 00:00 hrs
443	☐	SWMH-H7-076	3.32	60.89	w Maximum	2.25	0 - 09:59 hrs	0.00	25.66	0.00	1.04	196.08	0.42	1.32	2.25	0.00	0.00	0.00	0 - 00:00 hrs
444	☐	SWMH-H7-077	2.44	60.73	w Maximum	3.01	0 - 09:59 hrs	7.08	7.08	0.25	0.25	0.00	0.40	1.19	3.01	0.00	0.00	0.00	0 - 00:00 hrs
445	☐	SWMH-H7-083	7.53	68.12	w Maximum	2.37	0 - 09:59 hrs	0.00	25.66	0.00	1.02	-2.63	0.38	5.22	2.37	0.00	0.00	0.00	0 - 00:00 hrs
446	☐	SWMH-H7-084	9.09	70.05	w Maximum	1.36	0 - 09:59 hrs	25.68	25.68	1.03	1.02	0.00	0.57	7.09	1.36	0.00	0.00	0.00	0 - 00:00 hrs
447	☐	SWMH-H8-001	18.26	82.00	w Maximum	0.00	0 - 10:10 hrs	31.62	124.73	1.24	7.44	72.15	0.61	15.76	0.00	0.00	0.00	0.67	0 - 10:10 hrs
448	☐	SWMH-H8-002	8.61	88.21	w Maximum	3.81	0 - 09:59 hrs	0.00	58.81	0.00	4.78	115.96	0.32	5.84	3.81	0.00	0.00	0.00	0 - 00:00 hrs
449	☐	SWMH-H8-003	9.16	89.08	w Maximum	2.64	0 - 09:59 hrs	0.00	58.81	0.00	4.78	39.83	0.80	6.31	2.64	0.00	0.00	0.00	0 - 00:00 hrs
450	☐	SWMH-H8-004	11.09	92.48	w Maximum	1.33	0 - 09:59 hrs	6.52	58.81	0.20	4.78	137.91	1.03	7.87	1.33	0.00	0.00	0.00	0 - 00:00 hrs
451	☐	SWMH-H8-005	11.81	99.42	w Maximum	0.59	0 - 09:57 hrs	7.10	43.42	0.23	4.22	11.59	1.62	9.52	0.59	0.00	0.00	0.00	0 - 00:00 hrs
452	☐	SWMH-H8-006	10.70	102.01	Surcharged	0.00	0 - 09:57 hrs	9.00	37.24	0.29	3.99	78.37	1.26	8.45	0.00	0.00	0.02	2.19	0 - 09:59 hrs
453	☐	SWMH-H8-007	10.25	103.82	w Maximum	0.00	0 - 09:56 hrs	11.81	33.02	0.40	3.71	187.11	1.73	8.00	0.00	0.01	0.13	5.75	0 - 09:59 hrs
454	☐	SWMH-H8-008	10.27	104.82	w Maximum	0.18	0 - 09:57 hrs	0.00	28.45	0.00	3.31	74.41	1.93	8.02	0.18	0.00	0.00	0.00	0 - 00:00 hrs
455	☐	SWMH-H8-009	10.30	107.04	w Maximum	0.00	0 - 09:52 hrs	22.38	28.46	0.87	3.32	206.94	2.55	8.15	0.00	0.00	0.00	0.03	0 - 09:55 hrs
456	☐	SWMH-H8-010	8.97	107.53	w Maximum	0.03	0 - 10:10 hrs	0.00	21.65	0.00	2.54	54.67	1.95	6.07	0.03	0.00	0.00	0.00	0 - 00:00 hrs
457	☐	SWMH-H8-011	10.00	96.91	w Maximum	0.00	0 - 09:52 hrs	52.61	69.10	2.17	6.21	159.41	1.21	7.40	0.00	0.00	0.06	7.23	0 - 09:52 hrs
458	☐	SWMH-H8-013	9.72	99.76	w Maximum	0.58	0 - 09:52 hrs	5.51	36.76	0.19	3.63	322.00	2.48	7.46	0.58	0.00	0.00	0.00	0 - 00:00 hrs
459	☐	SWMH-H8-014	8.25	99.93	Surcharged	0.00	0 - 09:48 hrs	0.00	41.65	0.00	3.70	68.75	2.05	6.10	0.00	0.25	0.62	25.77	0 - 09:59 hrs
460	☐	SWMH-H8-015	9.65	105.73	Surcharged	0.00	0 - 09:48 hrs	33.94	56.88	1.33	3.77	32.34	1.69	7.38	0.00	0.07	0.33	15.19	0 - 09:59 hrs
461	☐	SWMH-H8-023	8.46	83.90	w Maximum	1.59	0 - 09:59 hrs	31.51	94.34	1.18	6.20	58.23	0.28	5.71	1.59	0.00	0.00	0.00	0 - 00:00 hrs
462	☐	SWMH-H8-024	8.90	93.91	Surcharged	0.00	0 - 09:57 hrs	8.15	8.15	0.24	0.24	0.00	0.21	7.65	0.00	0.00	0.00	1.50	0 - 09:57 hrs
463	☐	SWMH-H8-026	9.30	105.02	Surcharged	0.00	0 - 09:56 hrs	10.60	10.60	0.36	0.36	0.00	0.29	8.05	0.00	0.00	0.02	0.80	0 - 09:59 hrs
464	☐	SWMH-H8-027	9.40	98.63	w Maximum	0.00	0 - 09:57 hrs	0.00	9.85	0.00	0.36	6.73	0.35	7.75	0.00	0.00	0.02	0.55	0 - 09:59 hrs
465	☐	SWMH-H8-028	11.43	95.97	w Maximum	1.77	0 - 09:57 hrs	0.00	43.43	0.00	4.22	80.24	1.80	9.18	1.77	0.00	0.00	0.00	0 - 00:00 hrs
466	☐	SWMH-H8-035	7.90	85.08	Surcharged	0.00	0 - 09:57 hrs	0.00	4.71	0.00	0.00	0.00	0.27	6.65	0.00	0.00	0.00	3.76	0 - 09:57 hrs
467	☐	SWMH-H8-062	5.73	63.53	w Maximum	5.87	0 - 09:57 hrs	0.00	159.02	0.00	16.43	193.19	0.37	1.73	5.87	0.00	0.00	0.00	0 - 00:00 hrs
468	☐	SWMH-H8-063	11.20	71.47	Surcharged	0.00	0 - 09:57 hrs	0.00	158.98	0.00	16.43	220.37	0.27	4.90	0.00	0.00	0.00	4.07	0 - 09:57 hrs
469	☐	SWMH-H8-064	7.95	66.77	w Maximum	0.35	0 - 09:57 hrs	0.00	159.02	0.00	16.42	496.20	0.48	3.95	0.35	0.00	0.00	0.00	0 - 00:00 hrs
470	☐	SWMH-H8-065	7.90	85.31	w Maximum	0.00	0 - 09:57 hrs	0.00	8.15	0.00	0.24	-74.45	0.28	6.55	0.00	0.00	0.00	5.45	0 - 09:57 hrs
471	☐	SWMH-H8-067	9.30	96.92	w Maximum	0.00	0 - 09:52 hrs	0.00	36.74	0.00	3.63	67.79	1.28	6.63	0.00	0.05	0.22	13.57	0 - 09:59 hrs
472	☐	SWMH-H9-001	1.96	93.95	Flow Link Crow	14.24	0 - 09:55 hrs	0.00	38.59	0.00	2.18	759.85	0.00	0.00	0.00	0.00	0.00	0.00	0 - 00:00 hrs
473	☐	SWMH-H9-002	1.86	93.61	Flow Link Crow	15.00	0 - 10:07 hrs	0.00	38.76	0.00	2.18	-540.08	0.00	0.00	0.00	0.00	0.00	0.00	0 - 00:00 hrs
474	☐	SWMH-H9-003	7.80	86.04	w Maximum	0.45	0 - 09:52 hrs	0.00	67.75	0.00	6.21	56.40	0.99	4.90	0.45	0.00	0.00	0.00	0 - 00:00 hrs
475	☐	SWMH-H9-005	6.02	111.38	w Maximum	2.00	0 - 10:03 hrs	0.00	38.60	0.00	2.19	87.56	0.77	4.02	2.00	0.00	0.00	0.00	0 - 00:00 hrs
476	☐	SWMH-H9-006	5.21	109.35	w Maximum	2.69	0 - 10:02 hrs	0.00	38.62	0.00	2.18	11.85	0.84	3.01	2.69	0.00	0.00	0.00	0 - 00:00 hrs
477	☐	SWMH-H9-007	4.76	77.23	w Maximum	4.54	0 - 09:52 hrs	0.00	67.74	0.00	6.21	97.49	1.19	2.26	4.54	0.00	0.00	0.00	0 - 00:00 hrs
478	☐	SWMH-I2-001	11.00	42.94	Surcharged	0.00	0 - 00:00 hrs	47.99	418.41	2.19	39.14	9,203.01	9.48	5.00	0.00	0.01	0.00	189.75	0 - 00:00 hrs
479	☐	SWMH-I2-002	10.87	44.51	w Maximum	2.63	0 - 09:56 hrs	58.91	372.35	2.75	36.91	8,208.43	2.24	4.87	2.63	0.00	0.00	0.00	0 - 00:00 hrs
480	☐	SWMH-I2-003	10.85	42.24	Surcharged	0.00	0 - 00:01 hrs	15.93	488.44	0.63	72.68	19,869.61	13.99	3.85	0.00	0.03	0.00	422.03	0 - 00:01 hrs
481	☐	SWMH-I3-002	6.87	43.25	w Maximum	0.49	0 - 09:56 hrs	0.00	13.07	0.00	0.04	-81.29	0.91	4.37	0.49	0.00	0.00	0.00	0 - 00:00 hrs
482	☐	SWMH-I3-003	7.50	45.44	w Maximum	0.00	0 - 09:56 hrs	0.00	13.05	0.00	0.01	-15.81	0.52	5.00	0.00	0.00	0.00	10.21	0 - 09:56 hrs
483	☐	SWMH-I3-004	0.00	48.44	Flow Link Inve	11.56	0 - 00:00 hrs	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0 - 00:00 hrs
484	☐	SWMH-I3-010	13.02	46.61	w Maximum	3.66	0 - 09:59 hrs	37.78	123.84	1.50	6.90	1,605.21	1.09	7.41	3.66	0.00	0.00	0.00	0 - 00:00 hrs
485	☐	SWMH-I4-001	1.35	70.00	Flow Link Crow	4.85	0 - 10:06 hrs	0.00	35.78	0.00	4.86	154.83	0.00	0.00	0.00	0.00	0.00	0.00	0 - 00:00 hrs
486	☐	SWMH-I4-002	5.49	75.52	w Maximum	1.53	0 - 10:02 hrs	0.00	35.78	0.00	4.86	609.47	3.43	2.99	1.53	0.00	0.00	0.00	0 - 00:00 hrs
487	☐	SWMH-I4-003	7.05	77.95	w Maximum	0.00	0 - 09:52 hrs	38.28	47.11	1.72	4.93	402.16	3.56	4.55	0.00	0.01	0.18	5.24	0 - 09:59 hrs
488	☐	SWMH-I4-004	6.35	77.71	w Maximum	0.00	0 - 09:48 hrs	0.00	6.13	0.00	0.05	0.00	3.60	4.35	0.00	0.04	0.34	6.13	0 - 10:06 hrs
489	☐	SWMH-I4-005	9.70	43.26	w Maximum	0.56	0 - 09:59 hrs	71.02	250.18	3.49	14.74	4,137.84	0.81	4.04	0.56	0.00	0.00	0.00	0 - 00:00 hrs
490	☐	SWMH-I4-007	12.74	51.94	w Maximum	2.98	0 - 09:59 hrs	0.00	93.26	0.00	5.37	166.38	0.84	8.92	2.98	0.00	0.00	0.00	0 - 00:00 hrs

FUTURE CONDITIONS 20-YR 24-HR CLIMATE CHANGE JUNCTIONS

		ID	Maximum Depth (ft)	Maximum HGL (ft)	Maximum HGL Head Class	Freeboard (ft)	Max.Depth Day-Time (day-time)	Maximum Lateral Inflow (cfs)	Maximum Total Inflow (cfs)	Lateral Inflow Volume (MG)	Total Inflow Volume (MG)	Flow Volume Difference (MG)	Total Surcharge Time (hrs)	Max.Surchar ge Height Above Crown	Min.Surchar ge Depth Below Rim (ft)	Total Flood Volume (MG)	Total Flood Time (hrs)	Maximum Flood Rate (cfs)	Max.Flood Day-Time (day-time)
491	☐	SWMH-I4-008	11.32	53.49	Surcharged	0.00	0 - 09:56 hrs	0.00	101.01	0.00	5.41	-411.75	0.63	7.50	0.00	0.04	0.16	25.75	0 - 09:56 hrs
492	☐	SWMH-I4-010	15.40	66.16	w Maximum	0.00	0 - 09:56 hrs	25.17	101.00	0.93	5.41	838.79	0.47	11.39	0.00	0.00	0.00	16.05	0 - 09:56 hrs
493	☐	SWMH-I4-011	7.67	67.00	w Maximum	0.00	0 - 09:57 hrs	26.04	51.86	1.08	2.76	-37.68	0.41	5.17	0.00	0.00	0.01	13.79	0 - 09:57 hrs
494	☐	SWMH-I4-012	11.54	45.78	w Maximum	3.66	0 - 09:59 hrs	0.00	179.21	0.00	11.18	3,330.80	1.04	6.54	3.66	0.00	0.00	0.00	0 - 00:00 hrs
495	☐	SWMH-I4-013	11.82	46.15	w Maximum	4.53	0 - 09:55 hrs	0.00	123.83	0.00	6.94	1,761.71	1.03	6.82	4.53	0.00	0.00	0.00	0 - 00:00 hrs
496	☐	SWMH-I4-014	13.60	50.07	Surcharged	0.00	0 - 09:52 hrs	27.02	55.47	1.08	4.21	117.74	1.58	11.40	0.00	0.00	0.00	9.06	0 - 09:52 hrs
497	☐	SWMH-I4-015	12.95	63.49	w Maximum	0.00	0 - 09:52 hrs	65.40	65.40	3.37	3.37	0.00	1.30	10.95	0.00	0.24	0.47	36.38	0 - 10:03 hrs
498	☐	SWMH-I4-019	13.94	61.30	w Maximum	0.61	0 - 09:52 hrs	0.00	35.68	0.00	3.13	222.45	1.38	11.94	0.61	0.00	0.00	0.00	0 - 00:00 hrs
499	☐	SWMH-I4-023	8.36	68.00	w Maximum	0.00	0 - 09:59 hrs	0.00	33.88	0.00	1.72	-31.90	0.32	5.86	0.00	0.00	0.00	8.29	0 - 09:59 hrs
500	☐	SWMH-I5-001	6.45	58.56	w Maximum	0.00	0 - 09:49 hrs	0.00	77.08	0.00	12.08	275.72	2.44	3.30	0.00	0.00	0.00	8.24	0 - 09:49 hrs
501	☐	SWMH-I5-002	6.06	62.77	w Maximum	0.00	0 - 09:49 hrs	19.44	92.18	0.76	12.23	583.52	2.24	3.06	0.00	0.15	0.63	18.69	0 - 09:59 hrs
502	☐	SWMH-I5-003	5.69	66.54	w Maximum	4.91	0 - 09:52 hrs	0.00	35.76	0.00	4.86	27.39	1.48	2.90	4.91	0.00	0.00	0.00	0 - 00:00 hrs
503	☐	SWMH-I5-005	5.83	71.95	w Maximum	0.00	0 - 09:51 hrs	0.00	43.67	0.00	6.62	335.58	2.62	3.33	0.00	0.00	0.00	0.06	0 - 09:51 hrs
504	☐	SWMH-I5-006	5.40	74.12	Surcharged	0.00	0 - 09:49 hrs	28.56	55.99	1.16	6.76	365.45	2.55	2.90	0.00	0.14	0.64	18.91	0 - 09:59 hrs
505	☐	SWMH-I5-007	5.72	77.63	Surcharged	0.00	0 - 09:49 hrs	0.00	37.22	0.00	5.60	68.64	2.54	2.88	0.00	0.00	0.00	1.74	0 - 09:49 hrs
506	☐	SWMH-I5-008	5.22	78.00	w Maximum	0.08	0 - 09:49 hrs	0.00	37.20	0.00	5.61	275.91	3.15	2.72	0.08	0.00	0.00	0.00	0 - 00:00 hrs
507	☐	SWMH-I5-009	9.10	50.43	w Maximum	0.00	0 - 00:03 hrs	0.00	53.60	0.00	4.88	2,413.38	47.43	6.55	0.00	0.00	0.00	18.63	0 - 00:03 hrs
508	☐	SWMH-I5-010	1.56	68.75	low Link Crov	11.34	0 - 09:59 hrs	0.00	53.71	0.00	4.85	196.53	0.00	0.00	0.00	0.00	0.00	0.00	0 - 00:00 hrs
509	☐	SWMH-I5-011	8.44	76.63	w Maximum	5.31	0 - 09:52 hrs	0.00	53.72	0.00	4.85	133.84	2.73	5.79	5.31	0.00	0.00	0.00	0 - 00:00 hrs
510	☐	SWMH-I5-012	13.40	83.66	w Maximum	0.00	0 - 09:52 hrs	29.37	53.71	1.11	4.85	351.86	1.11	7.45	0.00	0.00	0.00	8.08	0 - 09:52 hrs
511	☐	SWMH-I5-013	5.65	76.72	Surcharged	0.00	0 - 09:49 hrs	0.00	37.51	0.00	5.60	42.96	2.44	3.15	0.00	0.00	0.00	2.38	0 - 09:49 hrs
512	☐	SWMH-I8-001	9.58	92.68	w Maximum	0.22	0 - 09:59 hrs	18.06	115.33	0.65	11.84	-51.44	1.03	5.53	0.22	0.00	0.00	0.00	0 - 00:00 hrs
513	☐	SWMH-I8-002	10.35	98.60	Surcharged	0.00	0 - 09:56 hrs	19.93	96.40	0.75	9.89	493.72	0.76	5.60	0.00	0.00	0.01	24.63	0 - 09:56 hrs
514	☐	SWMH-I8-003	14.05	104.83	Surcharged	0.00	0 - 09:57 hrs	30.42	85.52	1.23	9.15	655.75	0.66	10.05	0.00	0.00	0.00	33.34	0 - 09:57 hrs
515	☐	SWMH-I8-004	13.76	107.38	w Maximum	0.00	0 - 09:57 hrs	0.00	62.35	0.00	7.92	531.45	0.57	10.26	0.00	0.00	0.00	17.63	0 - 09:57 hrs
516	☐	SWMH-I8-005	9.12	105.97	Surcharged	0.00	0 - 09:59 hrs	0.00	13.00	0.00	0.73	-11.92	0.02	4.55	0.00	0.00	0.00	4.62	0 - 09:59 hrs
517	☐	SWMH-I8-006	8.85	58.19	Surcharged	0.00	0 - 00:00 hrs	0.00	58.45	0.00	1.73	1,410.38	47.98	5.85	0.00	0.00	0.00	44.26	0 - 00:00 hrs
518	☐	SWMH-I8-007	1.14	93.58	low Link Crov	6.56	0 - 09:59 hrs	3.29	31.68	0.11	1.73	47.22	0.00	0.00	0.00	0.00	0.00	0.00	0 - 00:00 hrs
519	☐	SWMH-I8-008	4.67	99.31	w Maximum	2.83	0 - 09:59 hrs	12.83	28.40	0.45	1.61	58.10	0.89	2.57	2.83	0.00	0.00	0.00	0 - 00:00 hrs
520	☐	SWMH-I8-009	5.40	102.85	w Maximum	3.00	0 - 09:52 hrs	0.00	17.54	0.00	1.17	127.93	0.67	3.39	3.00	0.00	0.00	0.00	0 - 00:00 hrs
521	☐	SWMH-I8-010	7.96	107.04	w Maximum	0.19	0 - 09:52 hrs	0.00	17.54	0.00	1.17	28.29	1.35	5.96	0.19	0.00	0.00	0.00	0 - 00:00 hrs
522	☐	SWMH-I8-011	6.81	107.12	Surcharged	0.00	0 - 09:52 hrs	31.18	31.18	1.24	1.24	0.00	1.26	5.31	0.00	0.07	0.33	15.58	0 - 09:59 hrs
523	☐	SWMH-I8-013	2.31	87.34	low Link Crov	10.89	0 - 09:59 hrs	6.90	154.34	0.23	16.25	261.20	0.00	0.00	0.00	0.00	0.00	0.00	0 - 00:00 hrs
524	☐	SWMH-I8-014	2.77	99.17	low Link Crov	12.83	0 - 10:00 hrs	0.00	135.23	0.00	15.58	804.99	0.00	0.00	0.00	0.00	0.00	0.00	0 - 00:00 hrs
525	☐	SWMH-I8-015	2.84	109.02	low Link Crov	6.61	0 - 09:59 hrs	0.00	135.37	0.00	15.59	272.37	0.00	0.00	0.00	0.00	0.00	0.00	0 - 00:00 hrs
526	☐	SWMH-I8-016	7.38	114.68	w Maximum	2.97	0 - 09:59 hrs	21.24	107.40	0.77	14.40	1,434.18	3.20	3.78	2.97	0.00	0.00	0.00	0 - 00:00 hrs
527	☐	SWMH-I8-017	9.50	117.79	w Maximum	1.75	0 - 09:59 hrs	20.46	86.15	0.74	13.64	1,360.20	3.72	5.90	1.75	0.00	0.00	0.00	0 - 00:00 hrs
528	☐	SWMH-I8-018	0.74	90.76	low Link Crov	7.46	0 - 09:59 hrs	0.00	6.81	0.00	0.21	7.67	0.00	0.00	0.00	0.00	0.00	0.00	0 - 00:00 hrs
529	☐	SWMH-I8-019	8.00	118.44	w Maximum	0.00	0 - 09:55 hrs	0.00	28.00	0.00	1.20	87.84	0.50	5.70	0.00	0.00	0.00	4.15	0 - 09:55 hrs
530	☐	SWMH-I8-020	11.00	100.70	w Maximum	0.00	0 - 09:56 hrs	0.00	81.92	0.00	9.13	27.96	0.70	6.90	0.00	0.00	0.00	19.38	0 - 09:56 hrs
531	☐	SWMH-I8-024	7.15	109.16	Surcharged	0.00	0 - 09:52 hrs	20.74	20.74	0.76	0.76	0.00	1.08	5.65	0.00	0.03	0.26	8.05	0 - 09:59 hrs
532	☐	SWMH-I8-036	0.72	91.40	low Link Crov	7.58	0 - 09:59 hrs	7.05	7.05	0.21	0.21	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0 - 00:00 hrs
533	☐	SWMH-I8-041	2.14	74.54	low Link Crov	9.91	0 - 09:59 hrs	5.14	159.02	0.18	16.43	310.16	0.00	0.00	0.00	0.00	0.00	0.00	0 - 00:00 hrs
534	☐	SWMH-I9-001	13.81	131.31	Surcharged	-1.53	0 - 09:45 hrs	33.70	33.70	1.35	5.73	260.62	2.47	11.31	0.00	0.00	0.00	0.00	0 - 00:00 hrs
535	☐	SWMH-I9-002	7.68	115.67	Surcharged	0.00	0 - 09:53 hrs	22.78	47.41	0.86	2.22	15.46	0.71	5.68	0.00	0.03	0.23	8.79	0 - 09:59 hrs
536	☐	SWMH-I9-003	7.88	118.49	w Maximum	0.00	0 - 09:53 hrs	34.65	34.65	1.39	1.39	0.00	0.64	5.88	0.00	0.03	0.22	9.97	0 - 09:59 hrs
537	☐	SWMH-I9-008	8.45	119.88	w Maximum	0.00	0 - 09:55 hrs	31.41	31.41	1.21	1.21	0.00	0.61	6.45	0.00	0.00	0.12	3.38	0 - 09:59 hrs
538	☐	SWMH-J2-001	6.84	39.88	w Maximum	4.12	0 - 09:53 hrs	0.00	141.10	0.00	10.03	8,325.93	1.84	0.84	4.12	0.00	0.00	0.00	0 - 00:00 hrs
539	☐	SWMH-J2-002	6.71	40.61	w Maximum	0.41	0 - 09:52 hrs	0.00	45.54	0.00	4.11	2,101.47	41.82	3.21	0.41	0.00	0.00	0.00	0 - 00:00 hrs

FUTURE CONDITIONS 20-YR 24-HR CLIMATE CHANGE JUNCTIONS

		ID	Maximum Depth (ft)	Maximum HGL (ft)	Maximum HGL Head Class	Freeboard (ft)	Max.Depth Day-Time (day-time)	Maximum Lateral Inflow (cfs)	Maximum Total Inflow (cfs)	Lateral Inflow Volume (MG)	Total Inflow Volume (MG)	Flow Volume Difference (MG)	Total Surcharge Time (hrs)	Max.Surchar ge Height Above Crest	Min.Surchar ge Depth Below Rim (ft)	Total Flood Volume (MG)	Total Flood Time (hrs)	Maximum Flood Rate (cfs)	Max.Flood Day-Time (day-time)
540	☐	SWMH-J2-003	6.81	40.72	Maximum	1.37	0 - 09:52 hrs	0.00	45.55	0.00	4.14	2,991.08	41.80	3.30	1.37	0.00	0.00	0.00	0 - 00:00 hrs
541	☐	SWMH-J2-004	6.41	41.40	Maximum	2.09	0 - 09:56 hrs	15.55	34.71	0.58	2.95	2,969.57	41.21	3.16	2.09	0.00	0.00	0.00	0 - 00:00 hrs
542	☐	SWMH-J2-005	5.90	42.23	Maximum	2.40	0 - 09:57 hrs	0.00	21.48	0.00	2.38	2,344.27	11.55	3.28	2.40	0.00	0.00	0.00	0 - 00:00 hrs
543	☐	SWMH-J2-007	6.65	45.45	Surcharged	0.00	0 - 09:48 hrs	55.74	55.74	2.53	2.53	0.00	2.93	4.55	0.00	0.31	0.67	38.16	0 - 09:59 hrs
544	☐	SWMH-J2-008	6.02	40.59	Maximum	2.88	0 - 09:52 hrs	0.00	95.60	0.00	5.99	2,946.32	40.92	1.87	2.88	0.00	0.00	0.00	0 - 00:00 hrs
545	☐	SWMH-J2-009	5.97	41.51	Maximum	2.38	0 - 09:52 hrs	0.00	95.57	0.00	5.97	3,137.73	1.67	2.22	2.38	0.00	0.00	0.00	0 - 00:00 hrs
546	☐	SWMH-J2-010	6.41	40.74	Maximum	0.04	0 - 09:52 hrs	0.00	15.06	0.00	1.21	944.90	41.87	3.39	0.04	0.00	0.00	0.00	0 - 00:00 hrs
547	☐	SWMH-J2-011	6.05	40.95	Maximum	0.00	0 - 09:49 hrs	32.04	32.04	1.34	1.34	349.27	42.18	4.02	0.00	0.13	0.43	21.19	0 - 09:59 hrs
548	☐	SWMH-J2-012	5.80	43.38	Maximum	0.00	0 - 09:41 hrs	5.92	23.43	0.19	2.41	1,164.20	2.89	3.30	0.00	0.01	0.27	4.25	0 - 09:59 hrs
549	☐	SWMH-J2-016	7.80	39.47	Maximum	2.31	0 - 09:53 hrs	7.84	148.94	0.27	10.20	9,423.87	41.61	1.80	2.31	0.00	0.00	0.00	0 - 00:00 hrs
550	☐	SWMH-J2-066	6.00	43.89	Maximum	0.50	0 - 10:06 hrs	0.00	20.35	0.00	2.22	365.57	2.57	3.50	0.50	0.00	0.00	0.00	0 - 00:00 hrs
551	☐	SWMH-J3-001	6.68	43.28	Maximum	0.07	0 - 09:52 hrs	15.37	48.81	0.56	3.58	2,674.26	2.07	3.68	0.07	0.00	0.00	0.00	0 - 00:00 hrs
552	☐	SWMH-J3-002	6.98	44.20	Maximum	0.00	0 - 09:48 hrs	0.00	37.95	0.00	3.03	1,492.63	1.80	3.98	0.00	0.00	0.02	1.96	0 - 09:48 hrs
553	☐	SWMH-J3-003	7.40	44.95	Maximum	0.00	0 - 09:48 hrs	38.67	50.10	1.62	3.10	1,427.75	1.79	4.40	0.00	0.07	0.26	16.59	0 - 09:59 hrs
554	☐	SWMH-J3-004	7.55	47.21	Surcharged	0.00	0 - 09:52 hrs	0.00	12.98	0.00	1.49	97.64	0.84	4.55	0.00	0.00	0.00	6.44	0 - 09:52 hrs
555	☐	SWMH-J3-005	6.58	48.72	Surcharged	0.00	0 - 09:52 hrs	0.00	12.21	0.00	1.49	64.09	0.70	4.58	0.00	0.00	0.00	5.27	0 - 09:52 hrs
556	☐	SWMH-J3-006	6.33	59.68	Surcharged	0.00	0 - 09:47 hrs	39.12	39.12	1.72	1.72	0.00	1.91	5.08	0.00	0.23	0.82	27.64	0 - 09:59 hrs
557	☐	SWMH-J3-007	5.89	42.50	Maximum	2.19	0 - 09:52 hrs	0.00	47.27	0.00	2.39	1,248.02	1.35	2.89	2.19	0.00	0.00	0.00	0 - 00:00 hrs
558	☐	SWMH-J3-008	7.20	45.23	Surcharged	0.00	0 - 09:55 hrs	27.31	50.74	1.12	2.40	358.88	1.06	4.60	0.00	0.01	0.15	3.92	0 - 09:59 hrs
559	☐	SWMH-J3-009	6.70	46.06	Maximum	0.00	0 - 09:52 hrs	30.71	30.71	1.30	1.30	0.00	0.75	4.20	0.00	0.02	0.18	7.24	0 - 09:59 hrs
560	☐	SWMH-J3-010	9.01	49.77	Maximum	0.54	0 - 09:59 hrs	0.00	41.54	0.00	2.41	77.99	1.21	6.31	0.54	0.00	0.00	0.00	0 - 00:00 hrs
561	☐	SWMH-J3-011	9.70	50.46	Surcharged	0.00	0 - 09:57 hrs	27.48	42.03	1.10	2.41	85.45	1.18	6.78	0.00	0.00	0.01	0.46	0 - 09:59 hrs
562	☐	SWMH-J3-012	9.61	50.84	Maximum	0.24	0 - 09:59 hrs	7.76	19.97	0.26	1.31	58.46	1.23	7.11	0.24	0.00	0.00	0.00	0 - 00:00 hrs
563	☐	SWMH-J3-013	9.82	51.65	Maximum	0.33	0 - 09:49 hrs	0.00	16.41	0.00	1.06	-7.55	1.26	7.57	0.33	0.00	0.00	0.00	0 - 00:00 hrs
564	☐	SWMH-J3-014	7.90	51.12	Maximum	0.00	0 - 09:51 hrs	29.05	29.05	1.16	1.16	0.00	1.06	5.90	0.00	0.10	0.33	22.22	0 - 09:59 hrs
565	☐	SWMH-J4-001	10.60	47.08	Maximum	0.00	0 - 00:02 hrs	0.00	192.33	0.00	18.01	20,856.73	47.92	5.60	0.00	0.01	0.00	129.73	0 - 00:02 hrs
566	☐	SWMH-J4-002	7.08	46.41	Maximum	0.00	0 - 00:09 hrs	0.00	30.37	0.00	2.87	10,368.03	0.02	3.08	0.00	0.00	0.00	8.04	0 - 00:09 hrs
567	☐	SWMH-J4-004	5.84	45.76	Maximum	0.24	0 - 00:09 hrs	0.00	13.18	0.00	2.78	1,564.81	47.73	3.34	0.24	0.00	0.00	0.00	0 - 00:00 hrs
568	☐	SWMH-J4-005	4.26	44.74	Surcharged	0.00	0 - 00:08 hrs	0.00	16.35	0.00	3.18	676.06	47.70	2.26	0.00	0.41	3.39	7.63	0 - 00:08 hrs
569	☐	SWMH-J4-007	12.85	55.00	Maximum	0.00	0 - 09:56 hrs	0.00	48.77	0.00	2.27	57.13	0.64	10.85	0.00	0.01	0.13	2.27	0 - 09:59 hrs
570	☐	SWMH-J4-013	6.16	49.36	Maximum	0.74	0 - 10:26 hrs	0.00	16.35	0.00	3.17	1.78	10.18	4.66	0.74	0.00	0.00	0.00	0 - 00:00 hrs
571	☐	SWMH-J4-014	4.55	50.26	Maximum	0.00	0 - 09:36 hrs	78.06	78.06	4.01	4.01	0.00	5.72	3.05	0.00	0.84	1.78	61.61	0 - 09:59 hrs
572	☐	SWMH-J5-001	9.37	47.55	Maximum	0.13	0 - 09:55 hrs	39.29	117.51	2.52	17.85	9,498.57	44.40	4.36	0.13	0.00	0.00	0.00	0 - 00:00 hrs
573	☐	SWMH-J5-002	6.91	49.87	Maximum	0.44	0 - 09:59 hrs	54.26	127.73	2.42	14.52	705.94	2.97	2.91	0.44	0.00	0.00	0.00	0 - 00:00 hrs
574	☐	SWMH-J5-003	8.55	47.76	Maximum	0.00	0 - 09:45 hrs	0.00	127.76	0.00	14.57	1,902.16	3.96	2.38	0.00	0.68	0.95	62.82	0 - 09:59 hrs
575	☐	SWMH-J5-004	6.55	49.77	Surcharged	0.00	0 - 09:49 hrs	35.77	35.77	1.47	1.47	0.00	4.07	4.55	0.00	0.06	0.35	13.85	0 - 09:59 hrs
576	☐	SWMH-J5-005	6.65	49.58	Maximum	0.00	0 - 09:49 hrs	0.00	21.93	0.00	1.41	-263.43	4.40	4.65	0.00	0.08	0.49	8.45	0 - 10:03 hrs
577	☐	SWMH-J7-001	8.05	67.40	Maximum	0.00	0 - 09:53 hrs	21.92	168.20	0.72	19.41	1,726.48	1.24	3.55	0.00	0.00	0.04	19.31	0 - 09:53 hrs
578	☐	SWMH-J7-002	10.40	78.17	Surcharged	0.00	0 - 09:51 hrs	90.27	124.71	4.39	9.20	42.37	1.51	3.29	0.00	0.07	0.27	20.63	0 - 09:59 hrs
579	☐	SWMH-J7-003	6.98	83.45	Maximum	0.00	0 - 09:51 hrs	0.00	50.09	0.00	5.03	277.70	2.13	4.65	0.00	0.21	0.70	15.64	0 - 10:04 hrs
580	☐	SWMH-J7-005	6.75	44.32	Surcharged	0.00	0 - 00:00 hrs	0.00	136.92	0.00	13.28	2,573.52	47.98	2.70	0.00	0.89	0.94	96.29	0 - 00:00 hrs
581	☐	SWMH-J7-006	11.88	67.49	Maximum	4.27	0 - 09:59 hrs	0.00	143.00	0.00	13.26	282.73	0.47	8.88	4.27	0.00	0.00	0.00	0 - 00:00 hrs
582	☐	SWMH-J7-007	15.34	77.53	Maximum	2.71	0 - 09:59 hrs	22.79	142.97	0.85	13.26	96.28	0.29	11.84	2.71	0.00	0.00	0.00	0 - 00:00 hrs
583	☐	SWMH-J7-008	12.67	79.21	Maximum	6.30	0 - 09:59 hrs	0.00	120.34	0.00	12.41	618.98	0.98	9.17	6.30	0.00	0.00	0.00	0 - 00:00 hrs
584	☐	SWMH-J7-009	9.70	87.18	Maximum	0.00	0 - 09:56 hrs	16.38	120.33	0.59	12.42	269.76	1.09	6.70	0.00	0.00	0.01	4.90	0 - 09:59 hrs
585	☐	SWMH-J7-014	10.35	77.82	Maximum	0.00	0 - 09:51 hrs	0.00	104.62	0.00	9.13	536.59	1.89	6.70	0.00	0.37	0.59	38.45	0 - 10:08 hrs
586	☐	SWMH-J7-015	5.45	83.96	Maximum	0.00	0 - 09:49 hrs	0.00	6.00	0.00	0.00	0.00	1.94	3.95	0.00	0.00	0.00	4.82	0 - 09:49 hrs
587	☐	SWMH-J8-001	8.96	94.16	Maximum	0.72	0 - 09:52 hrs	0.00	27.85	0.00	3.21	70.34	1.68	6.58	0.72	0.00	0.00	0.00	0 - 00:00 hrs
588	☐	SWMH-J8-002	9.05	95.18	Maximum	0.00	0 - 09:51 hrs	0.00	30.96	0.00	3.22	153.20	1.68	6.80	0.00	0.00	0.00	10.07	0 - 09:51 hrs

FUTURE CONDITIONS 20-YR 24-HR CLIMATE CHANGE JUNCTIONS

		ID	Maximum Depth (ft)	Maximum HGL (ft)	Maximum HGL Head Class	Freeboard (ft)	Max.Depth Day-Time (day-time)	Maximum Lateral Inflow (cfs)	Maximum Total Inflow (cfs)	Lateral Inflow Volume (MG)	Total Inflow Volume (MG)	Flow Volume Difference (MG)	Total Surcharge Time (hrs)	Max.Surchar ge Height Above Crown	Min.Surchar ge Depth Below Rim (ft)	Total Flood Volume (MG)	Total Flood Time (hrs)	Maximum Flood Rate (cfs)	Max.Flood Day-Time (day-time)
589	☐	SWMH-J8-003	6.80	97.23	Maximum	0.00	0 - 09:52 hrs	51.93	51.93	2.42	3.40	224.36	1.67	4.55	0.00	0.02	0.19	8.28	0 - 09:59 hrs
590	☐	SWMH-J8-004	5.15	96.60	Maximum	0.00	0 - 09:51 hrs	30.71	45.48	1.27	1.40	0.00	1.49	2.90	0.00	0.43	0.69	45.43	0 - 09:59 hrs
591	☐	SWMH-J8-005	7.85	97.57	Maximum	0.00	0 - 09:59 hrs	35.87	39.90	1.59	4.68	84.01	3.17	4.15	0.00	0.00	0.00	0.02	0 - 09:59 hrs
592	☐	SWMH-J8-006	8.20	93.26	Surcharged	0.00	0 - 09:56 hrs	34.35	126.48	1.46	11.35	256.68	0.87	3.62	0.00	0.17	0.24	41.19	0 - 10:00 hrs
593	☐	SWMH-J8-007	9.85	105.79	Surcharged	0.00	0 - 10:00 hrs	0.00	53.15	0.00	7.19	236.44	0.34	5.55	0.00	0.00	0.00	19.31	0 - 10:00 hrs
594	☐	SWMH-J8-008	9.19	105.40	Maximum	1.56	0 - 10:00 hrs	0.00	27.88	0.00	6.13	447.04	0.49	6.09	1.56	0.00	0.00	0.00	0 - 00:00 hrs
595	☐	SWMH-J8-011	7.70	111.98	Surcharged	0.00	0 - 09:57 hrs	27.74	27.74	1.07	1.07	0.00	0.46	5.70	0.00	0.00	0.01	1.79	0 - 10:00 hrs
596	☐	SWMH-J8-012	7.65	108.00	Surcharged	0.00	0 - 09:48 hrs	15.66	47.84	0.54	3.20	233.33	5.01	5.15	0.00	0.15	0.57	17.40	0 - 09:59 hrs
597	☐	SWMH-J8-013	10.70	112.94	Surcharged	0.00	0 - 09:51 hrs	68.89	68.89	2.87	2.87	0.00	4.03	8.45	0.00	0.20	0.41	36.62	0 - 09:59 hrs
598	☐	SWMH-J8-014	6.20	98.12	Surcharged	0.00	0 - 09:51 hrs	0.00	4.82	0.00	0.00	0.00	1.46	4.45	0.00	0.00	0.00	4.03	0 - 09:51 hrs
599	☐	SWMH-J8-015	5.90	97.07	Maximum	0.00	0 - 09:52 hrs	0.00	6.85	0.00	0.04	-3.25	1.60	4.15	0.00	0.03	0.28	4.46	0 - 10:00 hrs
600	☐	SWMH-J8-020	6.80	110.05	Surcharged	0.00	0 - 09:57 hrs	0.00	27.72	0.00	1.07	46.23	0.28	4.80	0.00	0.00	0.00	1.68	0 - 09:57 hrs
601	☐	SWMH-J9-001	10.35	121.21	Maximum	0.00	0 - 09:45 hrs	0.00	122.29	0.00	13.27	1,376.42	3.56	6.85	0.00	0.37	0.53	56.50	0 - 09:59 hrs
602	☐	SWMH-J9-002	10.40	122.73	Surcharged	0.00	0 - 09:45 hrs	0.00	35.72	0.00	5.40	151.53	3.12	6.40	0.00	0.00	0.01	13.70	0 - 09:45 hrs
603	☐	SWMH-J9-003	10.72	125.71	Surcharged	-5.00	0 - 09:45 hrs	12.05	35.73	0.43	4.57	639.65	2.86	7.72	0.00	0.00	0.00	17.80	0 - 09:45 hrs
604	☐	SWMH-J9-004	12.14	129.32	Surcharged	-5.00	0 - 09:47 hrs	20.44	31.17	0.73	4.14	221.48	2.49	9.14	0.00	0.00	0.00	14.56	0 - 09:47 hrs
605	☐	SWMH-J9-005	8.00	125.18	Surcharged	0.00	0 - 09:47 hrs	0.00	25.33	0.00	3.64	175.05	4.01	5.60	0.00	0.22	0.89	20.79	0 - 09:59 hrs
606	☐	SWMH-J9-006	7.50	128.36	Maximum	0.00	0 - 09:44 hrs	24.98	46.17	0.95	3.80	49.54	2.79	5.20	0.00	0.16	0.68	22.11	0 - 09:59 hrs
607	☐	SWMH-J9-007	7.15	129.81	Maximum	0.00	0 - 09:45 hrs	0.00	21.23	0.00	2.85	7.32	2.59	4.90	0.00	0.00	0.04	1.55	0 - 09:45 hrs
608	☐	SWMH-J9-008	7.65	136.37	Surcharged	0.00	0 - 09:48 hrs	0.00	21.25	0.00	2.85	67.76	1.88	5.45	0.00	0.00	0.00	3.28	0 - 09:48 hrs
609	☐	SWMH-J9-009	10.51	130.72	Maximum	0.72	0 - 09:57 hrs	0.00	21.90	0.00	4.38	216.65	2.73	8.51	0.72	0.00	0.00	0.00	0 - 00:00 hrs
610	☐	SWMH-J9-010	8.82	122.84	Maximum	0.00	0 - 09:45 hrs	0.00	8.52	0.00	0.85	84.32	3.21	6.82	0.00	0.00	0.00	6.84	0 - 09:45 hrs
611	☐	SWMH-J9-011	7.65	130.59	Surcharged	0.00	0 - 09:45 hrs	0.00	13.50	0.00	3.35	68.48	5.81	5.65	0.00	0.06	0.71	3.20	0 - 10:04 hrs
612	☐	SWMH-J9-013	14.13	125.63	Surcharged	-4.38	0 - 09:59 hrs	56.53	89.31	2.16	7.88	234.97	4.10	11.63	0.00	0.00	0.00	0.00	0 - 00:00 hrs
613	☐	SWMH-J9-014	6.80	122.45	Surcharged	0.00	0 - 09:45 hrs	28.67	31.44	1.12	1.13	0.00	2.84	4.80	0.00	0.29	0.81	31.39	0 - 09:59 hrs
614	☐	SWMH-J9-028	7.50	137.15	Maximum	0.00	0 - 09:45 hrs	0.00	13.49	0.00	3.35	547.82	7.49	5.80	0.00	0.00	0.09	0.09	0 - 09:45 hrs
615	☐	SWMH-J9-029	8.05	135.88	Maximum	0.00	0 - 09:45 hrs	0.00	13.50	0.00	3.34	-421.02	7.94	6.55	0.00	0.00	0.00	0.03	0 - 09:45 hrs
616	☐	SWMH-J9-030	8.07	133.40	Surcharged	0.00	0 - 09:45 hrs	0.00	13.50	0.00	3.35	144.64	8.02	6.57	0.00	0.00	0.00	0.09	0 - 09:45 hrs
617	☐	SWMH-J9-032	7.60	130.53	Maximum	0.00	0 - 09:45 hrs	0.00	13.55	0.00	3.29	105.79	2.67	5.60	0.00	0.02	0.66	1.50	0 - 09:51 hrs
618	☐	SWMH-J9-033	8.05	130.38	Surcharged	0.00	0 - 09:45 hrs	34.05	40.78	1.37	4.63	70.90	2.61	6.05	0.00	0.25	0.58	40.68	0 - 09:59 hrs
619	☐	SWMH-J9-035	6.35	136.15	Maximum	0.00	0 - 09:42 hrs	62.78	62.78	2.93	2.93	0.00	6.55	4.60	0.00	0.61	1.21	55.63	0 - 09:59 hrs
620	☐	SWMH-J9-036	7.50	138.69	Surcharged	0.00	0 - 09:48 hrs	15.28	15.28	0.54	0.54	0.00	1.33	6.00	0.00	0.00	0.03	1.10	0 - 09:59 hrs
621	☐	SWMH-J9-039	6.96	139.23	Surcharged	0.00	0 - 09:26 hrs	97.93	97.93	4.81	4.81	0.00	7.26	5.46	0.00	1.46	2.89	87.31	0 - 09:59 hrs
622	☐	SWMH-K2-001	14.60	45.00	Maximum	0.00	0 - 00:00 hrs	0.00	263.36	0.00	9.77	3,413.86	47.98	10.10	0.00	0.00	0.00	145.03	0 - 00:00 hrs
623	☐	SWMH-K2-002	16.20	47.00	Maximum	0.00	0 - 00:01 hrs	0.00	198.88	0.00	9.77	4,482.16	47.97	11.70	0.00	0.00	0.00	94.20	0 - 00:01 hrs
624	☐	SWMH-K2-004	14.57	46.14	Maximum	1.73	0 - 00:05 hrs	38.44	114.37	1.83	9.64	0.00	47.85	10.07	1.73	0.00	0.00	0.00	0 - 00:00 hrs
625	☐	SWMH-K2-005	17.05	48.59	Maximum	0.32	0 - 00:05 hrs	0.00	95.80	0.00	7.78	5,601.57	47.84	12.22	0.32	0.00	0.00	0.00	0 - 00:00 hrs
626	☐	SWMH-K2-006	11.73	43.26	Maximum	5.69	0 - 09:57 hrs	0.00	91.48	0.00	7.74	5,394.33	47.84	7.23	5.69	0.00	0.00	0.00	0 - 00:00 hrs
627	☐	SWMH-K2-009	6.57	43.31	Maximum	3.58	0 - 09:57 hrs	0.00	16.46	0.00	3.54	2,509.98	4.71	3.82	3.58	0.00	0.00	0.00	0 - 00:00 hrs
628	☐	SWMH-K2-011	7.88	45.72	Maximum	2.87	0 - 09:59 hrs	0.00	16.46	0.00	3.51	955.07	10.71	5.85	2.87	0.00	0.00	0.00	0 - 00:00 hrs
629	☐	SWMH-K2-012	13.80	47.45	Maximum	0.00	0 - 00:07 hrs	24.52	62.74	1.00	4.14	4,484.68	47.72	9.90	0.00	0.00	0.00	13.80	0 - 00:07 hrs
630	☐	SWMH-K2-013	15.95	47.12	Maximum	0.00	0 - 00:02 hrs	0.00	143.83	0.00	9.72	12,005.93	47.91	11.45	0.00	0.00	0.00	49.48	0 - 00:02 hrs
631	☐	SWMH-K2-016	11.24	44.52	Maximum	3.56	0 - 00:07 hrs	0.00	70.39	0.00	4.16	3,265.70	47.78	7.49	3.56	0.00	0.00	0.00	0 - 00:00 hrs
632	☐	SWMH-K3-002	3.13	42.63	Flow Link Cro	7.29	0 - 00:03 hrs	0.00	77.22	0.00	3.65	3,978.09	0.00	0.00	0.00	0.00	0.00	0.00	0 - 00:00 hrs
633	☐	SWMH-K3-003	9.36	47.58	Surcharged	0.00	0 - 09:36 hrs	61.89	73.01	3.09	4.42	519.25	9.67	6.79	0.00	0.92	1.84	60.22	0 - 10:03 hrs
634	☐	SWMH-K3-004	4.62	43.46	Maximum	3.68	0 - 10:00 hrs	0.00	35.20	0.00	8.19	0.00	9.41	2.12	3.68	0.00	0.00	0.00	0 - 00:00 hrs
635	☐	SWMH-K3-005	6.25	46.59	Maximum	0.13	0 - 09:57 hrs	27.44	27.44	1.15	1.86	18.47	8.24	4.00	0.13	0.00	0.00	0.00	0 - 00:00 hrs
636	☐	SWMH-K3-006	7.47	47.44	Maximum	0.28	0 - 10:00 hrs	0.00	20.12	0.00	6.36	276.19	10.63	4.92	0.28	0.00	0.00	0.00	0 - 00:00 hrs
637	☐	SWMH-K3-007	7.10	47.80	Maximum	0.40	0 - 10:00 hrs	0.00	20.11	0.00	6.36	269.67	9.54	4.60	0.40	0.00	0.00	0.00	0 - 00:00 hrs

FUTURE CONDITIONS 20-YR 24-HR CLIMATE CHANGE JUNCTIONS

		ID	Maximum Depth (ft)	Maximum HGL (ft)	Maximum HGL Head Class	Freeboard (ft)	Max.Depth Day-Time (day-time)	Maximum Lateral Inflow (cfs)	Maximum Total Inflow (cfs)	Lateral Inflow Volume (MG)	Total Inflow Volume (MG)	Flow Volume Difference (MG)	Total Surcharge Time (hrs)	Max.Surchar ge Height Above Crown	Min.Surchar ge Depth Below Rim (ft)	Total Flood Volume (MG)	Total Flood Time (hrs)	Maximum Flood Rate (cfs)	Max.Flood Day-Time (day-time)
638	☐	SWMH-K3-008	5.13	44.42	w Maximum	2.87	0 - 09:52 hrs	0.00	41.55	0.00	2.43	578.36	0.62	2.32	2.87	0.00	0.00	0.00	0 - 00:00 hrs
639	☐	SWMH-K3-009	5.18	44.05	w Maximum	3.27	0 - 09:52 hrs	0.00	41.58	0.00	2.44	944.76	0.68	2.18	3.27	0.00	0.00	0.00	0 - 00:00 hrs
640	☐	SWMH-K3-010	4.74	44.60	w Maximum	2.58	0 - 09:52 hrs	0.00	41.54	0.00	2.42	177.68	0.66	1.98	2.58	0.00	0.00	0.00	0 - 00:00 hrs
641	☐	SWMH-K3-011	8.33	48.79	w Maximum	1.79	0 - 09:57 hrs	0.00	41.55	0.00	2.41	203.37	1.32	5.66	1.79	0.00	0.00	0.00	0 - 00:00 hrs
642	☐	SWMH-K3-012	6.49	43.42	w Maximum	1.71	0 - 00:00 hrs	0.00	42.95	0.00	8.19	990.87	47.83	2.99	1.71	0.00	0.00	0.00	0 - 00:00 hrs
643	☐	SWMH-K3-018	6.85	47.44	Surcharged	0.00	0 - 00:01 hrs	20.49	20.49	0.76	0.77	0.00	1.00	4.80	0.00	0.00	0.00	8.38	0 - 00:01 hrs
644	☐	SWMH-K3-019	10.80	47.82	w Maximum	1.50	0 - 00:00 hrs	0.00	41.80	0.00	0.77	725.61	47.99	8.50	1.50	0.00	0.00	0.00	0 - 00:00 hrs
645	☐	SWMH-K3-020	6.68	46.44	w Maximum	1.52	0 - 00:01 hrs	0.00	23.89	0.00	0.77	534.54	47.83	4.48	1.52	0.00	0.00	0.00	0 - 00:00 hrs
646	☐	SWMH-K3-022	8.38	47.92	w Maximum	0.00	0 - 09:41 hrs	35.20	35.20	1.52	1.52	0.00	8.42	6.63	0.00	0.19	0.74	24.04	0 - 09:59 hrs
647	☐	SWMH-K3-024	5.15	45.27	w Maximum	3.15	0 - 09:52 hrs	0.00	41.56	0.00	2.42	357.63	0.75	2.35	3.15	0.00	0.00	0.00	0 - 00:00 hrs
648	☐	SWMH-K3-025	6.93	47.81	w Maximum	0.47	0 - 10:00 hrs	0.00	20.12	0.00	6.36	278.67	9.37	4.43	0.47	0.00	0.00	0.00	0 - 00:00 hrs
649	☐	SWMH-K3-091	9.47	45.16	w Maximum	0.00	0 - 00:01 hrs	0.00	213.72	0.00	3.72	3,593.07	47.96	5.47	0.00	0.03	0.01	193.25	0 - 00:01 hrs
650	☐	SWMH-K4-001	3.70	43.56	Flow Link Croy	13.94	0 - 10:02 hrs	0.00	74.72	0.00	3.62	1,346.66	0.00	0.00	0.00	0.00	0.00	0.00	0 - 00:00 hrs
651	☐	SWMH-K4-002	4.26	44.46	w Maximum	6.94	0 - 10:00 hrs	0.00	74.68	0.00	3.61	580.55	0.17	0.25	6.94	0.00	0.00	0.00	0 - 00:00 hrs
652	☐	SWMH-K4-006	10.70	46.45	w Maximum	0.00	0 - 00:01 hrs	25.04	79.19	0.99	8.31	1,111.58	47.92	7.00	0.00	0.00	0.00	33.16	0 - 00:01 hrs
653	☐	SWMH-K4-007	11.20	46.42	Surcharged	0.00	0 - 00:01 hrs	0.00	100.87	0.00	8.34	5,886.76	47.94	7.65	0.00	0.00	0.00	52.68	0 - 00:01 hrs
654	☐	SWMH-K4-008	9.90	46.24	w Maximum	1.33	0 - 09:55 hrs	0.00	66.29	0.00	7.32	2,975.45	47.91	6.40	1.33	0.00	0.00	0.00	0 - 00:00 hrs
655	☐	SWMH-K4-009	8.91	46.58	w Maximum	1.54	0 - 09:55 hrs	0.00	48.35	0.00	7.26	2,080.71	47.81	5.40	1.54	0.00	0.00	0.00	0 - 00:00 hrs
656	☐	SWMH-K6-001	14.30	63.48	w Maximum	7.24	0 - 09:55 hrs	0.00	80.91	0.00	9.60	363.89	1.56	11.30	7.24	0.00	0.00	0.00	0 - 00:00 hrs
657	☐	SWMH-K6-002	13.49	67.66	w Maximum	4.66	0 - 09:55 hrs	0.00	83.67	0.00	9.61	239.84	1.34	10.49	4.66	0.00	0.00	0.00	0 - 00:00 hrs
658	☐	SWMH-K6-011	13.01	59.90	w Maximum	0.29	0 - 09:55 hrs	23.04	99.78	0.82	10.42	624.32	1.48	9.66	0.29	0.00	0.00	0.00	0 - 00:00 hrs
659	☐	SWMH-K6-013	9.58	52.33	w Maximum	2.52	0 - 09:55 hrs	0.00	99.76	0.00	10.42	496.60	1.65	6.48	2.52	0.00	0.00	0.00	0 - 00:00 hrs
660	☐	SWMH-K7-001	5.51	83.16	w Maximum	1.29	0 - 10:02 hrs	0.00	38.40	0.00	5.88	238.35	2.58	2.81	1.29	0.00	0.00	0.00	0 - 00:00 hrs
661	☐	SWMH-K7-003	8.45	71.64	w Maximum	0.00	0 - 09:55 hrs	0.00	68.51	0.00	8.06	38.08	0.98	5.30	0.00	0.00	0.00	13.04	0 - 09:55 hrs
662	☐	SWMH-K7-004	2.53	76.17	Flow Link Croy	1.83	0 - 10:00 hrs	0.00	69.90	0.00	8.06	297.03	0.00	0.00	0.00	0.00	0.00	0.00	0 - 00:00 hrs
663	☐	SWMH-K7-005	4.50	79.92	w Maximum	0.00	0 - 09:52 hrs	51.80	88.25	2.29	8.16	209.36	2.67	2.00	0.00	0.10	0.34	18.96	0 - 09:59 hrs
664	☐	SWMH-K7-006	5.92	85.14	w Maximum	0.58	0 - 09:45 hrs	0.00	30.91	0.00	4.63	229.20	2.75	3.42	0.58	0.00	0.00	0.00	0 - 00:00 hrs
665	☐	SWMH-K7-007	5.23	87.51	Surcharged	0.00	0 - 09:44 hrs	0.00	14.21	0.00	2.05	122.67	2.88	2.98	0.00	0.00	0.01	6.38	0 - 09:44 hrs
666	☐	SWMH-K7-008	5.12	87.96	w Maximum	0.00	0 - 09:44 hrs	0.00	14.25	0.00	2.14	144.14	2.97	3.12	0.00	0.10	1.26	3.08	0 - 09:57 hrs
667	☐	SWMH-K7-009	5.72	89.21	w Maximum	0.00	0 - 09:44 hrs	0.00	16.32	0.00	2.20	146.70	2.99	3.72	0.00	0.05	1.10	2.06	0 - 10:23 hrs
668	☐	SWMH-K7-012	7.24	60.83	w Maximum	1.17	0 - 09:57 hrs	43.62	207.49	1.75	21.14	1,348.76	1.21	2.24	1.17	0.00	0.00	0.00	0 - 00:00 hrs
669	☐	SWMH-K7-013	10.60	89.34	Surcharged	0.00	0 - 09:48 hrs	43.96	68.34	1.90	5.11	77.75	1.98	7.80	0.00	0.08	0.31	18.21	0 - 09:59 hrs
670	☐	SWMH-K7-015	2.43	83.05	Flow Link Croy	3.37	0 - 09:59 hrs	28.13	99.15	1.17	10.01	362.59	0.00	0.00	0.00	0.00	0.00	0.00	0 - 00:00 hrs
671	☐	SWMH-K7-018	4.19	85.94	w Maximum	0.56	0 - 09:55 hrs	0.00	71.13	0.00	8.85	232.49	0.67	0.69	0.56	0.00	0.00	0.00	0 - 00:00 hrs
672	☐	SWMH-K7-019	3.94	85.11	w Maximum	0.86	0 - 09:53 hrs	0.00	71.15	0.00	8.85	291.13	0.56	0.44	0.86	0.00	0.00	0.00	0 - 00:00 hrs
673	☐	SWMH-K7-022	5.67	90.57	w Maximum	0.33	0 - 09:57 hrs	31.86	73.14	1.38	8.86	-13.10	1.15	2.17	0.33	0.00	0.00	0.00	0 - 00:00 hrs
674	☐	SWMH-K7-023	4.75	83.29	Surcharged	0.00	0 - 09:47 hrs	32.29	32.29	1.38	1.38	79.93	1.99	2.00	0.00	0.13	0.51	20.59	0 - 09:59 hrs
675	☐	SWMH-K8-001	6.67	90.76	Surcharged	0.00	0 - 09:45 hrs	51.21	51.21	2.53	2.53	0.00	3.02	4.67	0.00	0.33	0.93	34.83	0 - 09:59 hrs
676	☐	SWMH-K8-002	9.73	103.95	Surcharged	-3.83	0 - 09:56 hrs	35.42	40.17	1.52	7.19	142.12	6.91	7.23	0.00	0.00	0.00	0.00	0 - 00:00 hrs
677	☐	SWMH-K8-003	9.06	103.90	Surcharged	-1.77	0 - 09:57 hrs	0.00	31.74	0.00	5.67	-193.36	6.82	6.56	0.00	0.00	0.00	0.00	0 - 00:00 hrs
678	☐	SWMH-K8-004	8.23	103.73	Surcharged	0.00	0 - 09:42 hrs	0.00	37.40	0.00	6.28	102.27	6.77	5.70	0.00	0.61	2.01	32.62	0 - 09:59 hrs
679	☐	SWMH-K8-005	9.55	106.30	Surcharged	0.00	0 - 09:42 hrs	0.00	37.41	0.00	6.28	114.56	6.44	6.95	0.00	0.00	0.00	3.44	0 - 09:42 hrs
680	☐	SWMH-K8-006	5.84	94.00	w Maximum	2.16	0 - 09:53 hrs	0.00	28.24	0.00	4.42	704.31	3.29	3.09	2.16	0.00	0.00	0.00	0 - 00:00 hrs
681	☐	SWMH-K8-008	5.80	97.39	w Maximum	0.00	0 - 09:42 hrs	0.00	19.26	0.00	3.09	83.22	2.96	3.10	0.00	0.00	0.07	0.92	0 - 09:42 hrs
682	☐	SWMH-K8-009	5.50	97.38	w Maximum	0.00	0 - 09:42 hrs	30.12	37.06	1.27	3.30	168.05	2.98	3.00	0.00	0.21	0.56	32.58	0 - 09:59 hrs
683	☐	SWMH-K8-010	5.20	97.64	Surcharged	0.00	0 - 09:42 hrs	0.00	14.12	0.00	2.03	109.01	2.96	2.95	0.00	0.00	0.00	6.21	0 - 09:42 hrs
684	☐	SWMH-K8-011	5.00	98.25	w Maximum	0.00	0 - 09:44 hrs	0.00	14.80	0.00	2.03	25.08	2.86	2.75	0.00	0.00	0.00	5.83	0 - 09:44 hrs
685	☐	SWMH-K8-012	5.25	91.59	w Maximum	0.00	0 - 09:48 hrs	0.00	27.94	0.00	3.07	642.50	1.80	2.75	0.00	0.00	0.00	2.25	0 - 09:48 hrs
686	☐	SWMH-K8-013	4.93	91.99	w Maximum	0.00	0 - 09:48 hrs	32.34	42.58	1.43	3.21	168.36	1.88	2.43	0.00	0.14	0.43	23.93	0 - 09:59 hrs

FUTURE CONDITIONS 20-YR 24-HR CLIMATE CHANGE JUNCTIONS

		ID	Maximum Depth (ft)	Maximum HGL (ft)	Maximum HGL Head Class	Freeboard (ft)	Max.Depth Day-Time (day-time)	Maximum Lateral Inflow (cfs)	Maximum Total Inflow (cfs)	Lateral Inflow Volume (MG)	Total Inflow Volume (MG)	Flow Volume Difference (MG)	Total Surcharge Time (hrs)	Max.Surchar ge Height Above Crown	Min.Surchar ge Depth Below Rim (ft)	Total Flood Volume (MG)	Total Flood Time (hrs)	Maximum Flood Rate (cfs)	Max.Flood Day-Time (day-time)
687	☐	SWMH-K8-014	4.74	92.29	Surcharged	0.00	0 - 09:52 hrs	0.00	15.96	0.00	1.78	132.02	1.76	2.24	0.00	0.00	0.01	0.02	0 - 10:04 hrs
688	☐	SWMH-K8-015	6.10	104.30	Maximum	0.90	0 - 09:56 hrs	42.47	60.00	1.98	6.63	809.37	6.21	3.06	0.90	0.00	0.00	0.00	0 - 00:00 hrs
689	☐	SWMH-K8-017	6.40	105.21	Surcharged	0.00	0 - 09:48 hrs	61.80	61.80	2.97	2.97	0.00	6.31	3.90	0.00	0.40	0.90	44.17	0 - 09:59 hrs
690	☐	SWMH-K8-018	10.45	107.89	Maximum	0.00	0 - 09:49 hrs	0.00	37.45	0.00	6.28	87.15	6.46	7.90	0.00	0.00	0.09	0.04	0 - 10:06 hrs
691	☐	SWMH-K8-019	4.32	98.35	Maximum	0.00	0 - 09:42 hrs	55.27	55.27	2.67	2.67	0.00	5.17	2.57	0.00	0.64	1.38	48.24	0 - 09:59 hrs
692	☐	SWMH-K8-021	3.96	94.02	Maximum	1.79	0 - 09:53 hrs	0.00	1.60	0.00	0.00	0.00	2.92	2.45	1.79	0.00	0.00	0.00	0 - 00:00 hrs
693	☐	SWMH-K8-024	4.80	103.78	Maximum	0.00	0 - 09:37 hrs	0.00	59.29	0.00	3.43	-4.89	6.08	2.30	0.00	1.35	2.01	59.24	0 - 09:59 hrs
694	☐	SWMH-K9-001	10.65	108.29	Surcharged	0.00	0 - 09:48 hrs	0.00	37.44	0.00	6.28	-50.38	6.43	8.10	0.00	0.00	0.22	0.09	0 - 09:48 hrs
695	☐	SWMH-K9-002	10.70	108.50	Surcharged	0.00	0 - 09:45 hrs	45.53	109.01	1.96	7.25	295.71	5.59	7.35	0.00	0.97	1.45	71.57	0 - 09:59 hrs
696	☐	SWMH-K9-006	8.94	115.30	Surcharged	0.00	0 - 09:49 hrs	45.96	45.96	1.90	1.90	0.00	1.80	6.94	0.00	0.15	0.44	25.58	0 - 09:59 hrs
697	☐	SWMH-K9-011	8.87	114.00	Maximum	0.00	0 - 09:51 hrs	0.00	20.31	0.00	1.75	-308.87	2.08	6.87	0.00	0.02	0.49	1.33	0 - 10:12 hrs
698	☐	SWMH-K9-012	8.91	113.50	Maximum	0.00	0 - 09:51 hrs	21.50	40.48	0.78	2.52	95.86	2.32	6.91	0.00	0.18	0.64	20.95	0 - 09:59 hrs
699	☐	SWMH-K9-016	9.30	111.18	Maximum	0.00	0 - 09:51 hrs	0.00	29.33	0.00	2.33	144.84	2.62	6.80	0.00	0.00	0.00	5.29	0 - 09:51 hrs
700	☐	SWMH-K9-018	10.30	126.68	Maximum	0.00	0 - 09:56 hrs	0.00	57.50	0.00	4.84	-11.47	0.68	6.75	0.00	0.00	0.00	9.44	0 - 09:56 hrs
701	☐	SWMH-K9-019	11.33	123.58	Surcharged	-0.52	0 - 09:55 hrs	12.47	63.49	0.45	5.30	1,477.21	1.12	8.33	0.00	0.00	0.00	0.00	0 - 00:00 hrs
702	☐	SWMH-K9-020	11.03	119.06	Maximum	0.21	0 - 09:55 hrs	0.00	63.49	0.00	5.28	-402.68	2.52	8.03	0.21	0.00	0.00	0.00	0 - 00:00 hrs
703	☐	SWMH-K9-021	15.91	119.64	Surcharged	-5.00	0 - 09:48 hrs	0.00	63.48	0.00	5.29	-468.58	4.16	12.91	0.00	0.00	0.00	8.68	0 - 09:48 hrs
704	☐	SWMH-L1-001	8.61	40.23	Maximum	0.00	0 - 09:49 hrs	25.15	48.30	1.05	6.35	6,157.81	33.02	5.11	0.00	0.19	0.50	26.36	0 - 09:59 hrs
705	☐	SWMH-L1-002	8.76	41.08	Maximum	0.24	0 - 10:06 hrs	0.00	30.53	0.00	5.44	4,836.19	32.61	5.26	0.24	0.00	0.00	0.00	0 - 00:00 hrs
706	☐	SWMH-L1-003	8.43	41.32	Maximum	0.00	0 - 09:55 hrs	35.90	35.90	1.60	1.60	0.00	25.85	4.93	0.00	0.01	0.18	5.40	0 - 09:59 hrs
707	☐	SWMH-L2-001	6.63	45.00	Maximum	0.00	0 - 08:45 hrs	78.79	100.29	3.76	6.50	591.77	13.24	4.13	0.00	1.87	3.59	84.78	0 - 09:59 hrs
708	☐	SWMH-L2-002	6.65	45.71	Surcharged	0.00	0 - 09:48 hrs	33.66	40.41	1.50	2.87	58.01	12.10	4.15	0.00	0.13	0.54	18.87	0 - 09:59 hrs
709	☐	SWMH-L2-003	5.88	46.13	Maximum	0.00	0 - 08:45 hrs	0.00	9.06	0.00	1.42	326.30	11.01	3.82	0.00	0.05	1.19	2.30	0 - 10:03 hrs
710	☐	SWMH-L2-004	5.64	46.68	Maximum	0.00	0 - 09:41 hrs	0.00	9.05	0.00	1.42	43.64	9.59	3.54	0.00	0.00	0.42	0.02	0 - 10:48 hrs
711	☐	SWMH-L2-005	5.20	47.14	Maximum	0.00	0 - 09:41 hrs	0.00	12.26	0.00	1.50	225.43	8.51	3.10	0.00	0.08	1.14	3.21	0 - 10:03 hrs
712	☐	SWMH-L2-006	9.69	44.29	Maximum	6.60	0 - 10:00 hrs	0.00	40.40	0.00	3.10	3,611.41	47.66	6.19	6.60	0.00	0.00	0.00	0 - 00:00 hrs
713	☐	SWMH-L2-007	7.64	44.87	Maximum	0.11	0 - 09:59 hrs	30.25	30.25	1.35	2.97	1,278.69	2.28	4.14	0.11	0.00	0.00	0.00	0 - 00:00 hrs
714	☐	SWMH-L2-008	5.70	44.62	Maximum	0.00	0 - 09:41 hrs	40.54	40.54	1.93	1.93	0.00	2.94	3.70	0.00	0.31	0.67	35.63	0 - 09:59 hrs
715	☐	SWMH-L2-012	6.30	44.50	Maximum	0.00	0 - 09:52 hrs	0.00	15.93	0.00	1.65	175.47	3.15	4.25	0.00	0.05	0.26	13.70	0 - 09:59 hrs
716	☐	SWMH-L3-001	5.06	45.41	Maximum	6.64	0 - 10:00 hrs	30.87	74.78	1.28	3.59	1,140.71	0.21	0.55	6.64	0.00	0.00	0.00	0 - 00:00 hrs
717	☐	SWMH-L3-002	4.74	45.82	Maximum	5.86	0 - 10:00 hrs	0.00	2.66	0.00	0.03	67.01	0.27	0.74	5.86	0.00	0.00	0.00	0 - 00:00 hrs
718	☐	SWMH-L3-003	5.78	45.78	Maximum	5.95	0 - 10:00 hrs	0.00	49.46	0.00	2.34	0.00	0.20	0.55	5.95	0.00	0.00	0.00	0 - 00:00 hrs
719	☐	SWMH-L3-004	4.90	46.21	Maximum	5.85	0 - 10:00 hrs	0.00	49.13	0.00	2.28	-390.64	0.33	1.05	5.85	0.00	0.00	0.00	0 - 00:00 hrs
720	☐	SWMH-L3-005	5.35	48.08	Maximum	0.00	0 - 09:41 hrs	0.00	12.27	0.00	1.50	86.66	7.82	3.30	0.00	0.00	0.03	0.23	0 - 09:41 hrs
721	☐	SWMH-L3-006	5.25	49.73	Maximum	0.00	0 - 09:41 hrs	0.00	12.77	0.00	1.51	36.34	3.58	3.05	0.00	0.01	0.79	0.53	0 - 10:02 hrs
722	☐	SWMH-L3-007	5.25	50.67	Maximum	0.00	0 - 09:41 hrs	39.22	39.22	1.73	1.73	0.00	3.00	3.25	0.00	0.22	0.75	26.39	0 - 09:59 hrs
723	☐	SWMH-L3-008	6.48	48.24	Maximum	0.62	0 - 10:00 hrs	0.00	20.10	0.00	6.36	325.00	8.22	3.93	0.62	0.00	0.00	0.00	0 - 00:00 hrs
724	☐	SWMH-L3-009	6.65	48.81	Maximum	0.00	0 - 09:45 hrs	0.00	25.72	0.00	6.49	959.48	8.83	4.15	0.00	0.12	0.80	8.47	0 - 09:59 hrs
725	☐	SWMH-L3-010	6.34	46.09	Maximum	5.61	0 - 09:59 hrs	0.00	49.26	0.00	2.30	362.75	0.34	1.19	5.61	0.00	0.00	0.00	0 - 00:00 hrs
726	☐	SWMH-L3-011	6.61	46.84	Maximum	6.29	0 - 10:00 hrs	0.00	48.98	0.00	2.28	606.63	0.33	1.35	6.29	0.00	0.00	0.00	0 - 00:00 hrs
727	☐	SWMH-L3-013	8.02	51.60	Maximum	0.00	0 - 09:52 hrs	51.92	59.57	2.43	6.87	370.68	8.42	5.52	0.00	0.12	0.37	22.11	0 - 09:59 hrs
728	☐	SWMH-L3-014	7.99	51.62	Maximum	0.00	0 - 09:52 hrs	0.00	12.80	0.00	3.45	496.32	9.36	5.99	0.00	0.00	0.01	0.02	0 - 10:02 hrs
729	☐	SWMH-L3-015	5.95	50.47	Maximum	0.10	0 - 10:07 hrs	0.00	16.52	0.00	4.09	137.80	10.50	3.84	0.10	0.00	0.00	0.00	0 - 00:00 hrs
730	☐	SWMH-L3-016	7.50	52.38	Maximum	0.00	0 - 09:48 hrs	37.79	37.79	1.49	1.49	46.21	7.97	5.50	0.00	0.23	0.65	30.09	0 - 09:59 hrs
731	☐	SWMH-L3-019	9.36	47.75	Maximum	2.59	0 - 10:00 hrs	0.00	26.32	0.00	1.37	1,119.82	0.76	3.21	2.59	0.00	0.00	0.00	0 - 00:00 hrs
732	☐	SWMH-L3-020	9.05	47.76	Maximum	2.85	0 - 09:57 hrs	23.43	48.92	0.94	2.30	1,983.22	0.77	3.25	2.85	0.00	0.00	0.00	0 - 00:00 hrs
733	☐	SWMH-L4-001	7.78	46.76	Maximum	2.17	0 - 09:55 hrs	0.00	39.79	0.00	7.27	3,888.11	47.54	4.09	2.17	0.00	0.00	0.00	0 - 00:00 hrs
734	☐	SWMH-L4-002	7.25	46.39	Maximum	0.00	0 - 09:37 hrs	0.00	64.40	0.00	6.50	1,093.85	47.52	3.49	0.00	0.95	1.44	64.35	0 - 09:59 hrs
735	☐	SWMH-L4-003	7.44	46.89	Maximum	2.76	0 - 09:56 hrs	0.00	49.93	0.00	6.45	2,273.15	46.68	3.75	2.76	0.00	0.00	0.00	0 - 00:00 hrs

FUTURE CONDITIONS 20-YR 24-HR CLIMATE CHANGE JUNCTIONS

		ID	Maximum Depth (ft)	Maximum HGL (ft)	Maximum HGL Head Class	Freeboard (ft)	Max.Depth Day-Time (day-time)	Maximum Lateral Inflow (cfs)	Maximum Total Inflow (cfs)	Lateral Inflow Volume (MG)	Total Inflow Volume (MG)	Flow Volume Difference (MG)	Total Surcharge Time (hrs)	Max.Surchar ge Height Above Crown	Min.Surchar ge Depth Below Rim (ft)	Total Flood Volume (MG)	Total Flood Time (hrs)	Maximum Flood Rate (cfs)	Max.Flood Day-Time (day-time)
736	☐	SWMH-L4-005	7.65	47.58	w Maximum	3.80	0 - 09:57 hrs	0.00	49.94	0.00	6.41	2,355.43	18.51	4.15	3.80	0.00	0.00	0.00	0 - 00:00 hrs
737	☐	SWMH-L4-008	7.79	47.05	w Maximum	1.61	0 - 09:55 hrs	0.00	39.71	0.00	1.70	1,334.26	47.53	4.18	1.61	0.00	0.00	0.00	0 - 00:00 hrs
738	☐	SWMH-L4-009	7.75	47.22	w Maximum	2.33	0 - 09:55 hrs	0.00	39.74	0.00	1.68	1,489.73	47.50	4.25	2.33	0.00	0.00	0.00	0 - 00:00 hrs
739	☐	SWMH-L4-010	3.83	44.50	low Link Cro	6.92	0 - 10:00 hrs	0.00	75.06	0.00	3.60	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0 - 00:00 hrs
740	☐	SWMH-L4-011	4.59	45.14	w Maximum	7.91	0 - 10:00 hrs	0.00	74.67	0.00	3.59	463.08	0.27	0.59	7.91	0.00	0.00	0.00	0 - 00:00 hrs
741	☐	SWMH-L4-013	8.43	46.69	w Maximum	1.69	0 - 09:55 hrs	0.00	45.04	0.00	7.25	3,283.50	47.66	4.93	1.69	0.00	0.00	0.00	0 - 00:00 hrs
742	☐	SWMH-L4-014	6.52	48.98	w Maximum	1.70	0 - 09:59 hrs	0.00	40.10	0.00	5.55	519.20	3.87	3.05	1.70	0.00	0.00	0.00	0 - 00:00 hrs
743	☐	SWMH-L4-015	7.28	50.10	w Maximum	0.42	0 - 09:59 hrs	12.02	19.34	0.45	2.81	184.46	5.47	5.00	0.42	0.00	0.00	0.00	0 - 00:00 hrs
744	☐	SWMH-L4-016	6.95	52.41	w Maximum	0.00	0 - 09:59 hrs	34.31	34.31	1.46	2.79	161.09	3.12	4.53	0.00	0.00	0.00	0.01	0 - 09:59 hrs
745	☐	SWMH-L4-017	4.90	51.40	Surcharged	0.00	0 - 09:45 hrs	0.00	12.16	0.00	1.39	40.77	2.71	2.65	0.00	0.02	0.24	6.08	0 - 09:59 hrs
746	☐	SWMH-L4-018	4.54	51.55	w Maximum	0.26	0 - 09:56 hrs	0.00	17.16	0.00	1.55	-65.67	2.48	2.29	0.26	0.00	0.00	0.00	0 - 00:00 hrs
747	☐	SWMH-L4-019	7.88	47.52	w Maximum	2.62	0 - 09:55 hrs	39.77	39.77	1.67	1.67	0.00	27.33	4.21	2.62	0.00	0.00	0.00	0 - 00:00 hrs
748	☐	SWMH-L4-020	7.80	50.53	w Maximum	0.00	0 - 09:51 hrs	13.03	26.31	0.51	1.37	365.17	1.04	5.80	0.00	0.00	0.00	1.19	0 - 09:51 hrs
749	☐	SWMH-L4-021	8.88	52.22	Surcharged	0.00	0 - 09:51 hrs	20.57	20.57	0.89	0.89	0.00	1.05	6.88	0.00	0.03	0.21	8.07	0 - 09:59 hrs
750	☐	SWMH-L4-022	6.04	50.79	w Maximum	0.88	0 - 09:59 hrs	0.00	22.12	0.00	2.73	340.11	3.29	3.78	0.88	0.00	0.00	0.00	0 - 00:00 hrs
751	☐	SWMH-L4-030	6.33	50.83	w Maximum	0.00	0 - 09:48 hrs	57.86	57.86	2.85	2.85	0.00	3.18	3.35	0.00	0.28	0.63	35.29	0 - 10:03 hrs
752	☐	SWMH-L4-031	6.85	49.97	w Maximum	0.00	0 - 09:42 hrs	0.00	22.54	0.00	2.57	93.13	4.97	4.55	0.00	0.21	0.89	16.57	0 - 09:59 hrs
753	☐	SWMH-L4-032	4.00	51.13	Surcharged	0.00	0 - 09:42 hrs	0.00	17.13	0.00	0.22	0.00	2.57	2.00	0.00	0.22	0.92	17.12	0 - 10:02 hrs
754	☐	SWMH-L5-004	10.00	44.44	w Maximum	0.00	0 - 00:00 hrs	0.00	94.33	0.00	2.63	1,996.94	47.98	5.00	0.00	0.01	0.02	75.10	0 - 00:00 hrs
755	☐	SWMH-L5-005	8.20	45.90	Surcharged	0.00	0 - 00:01 hrs	0.00	51.92	0.00	2.62	1,547.23	47.95	5.45	0.00	0.00	0.00	9.39	0 - 00:01 hrs
756	☐	SWMH-L5-006	7.45	45.48	w Maximum	0.00	0 - 00:01 hrs	0.00	54.40	0.00	2.61	858.67	47.93	4.45	0.00	0.00	0.00	21.22	0 - 00:01 hrs
757	☐	SWMH-L5-007	7.35	46.13	w Maximum	0.00	0 - 00:03 hrs	0.00	29.99	0.00	2.59	1,491.87	47.88	4.85	0.00	0.00	0.00	14.56	0 - 00:03 hrs
758	☐	SWMH-L5-009	6.10	45.58	w Maximum	0.00	0 - 00:03 hrs	65.79	65.79	3.12	3.13	-78.43	47.88	3.45	0.00	0.06	0.27	16.33	0 - 09:59 hrs
759	☐	SWMH-L5-010	6.35	46.93	Surcharged	0.00	0 - 00:01 hrs	0.00	57.75	0.00	6.03	2,588.94	47.92	2.85	0.00	0.00	0.00	26.25	0 - 00:01 hrs
760	☐	SWMH-L5-012	6.13	47.87	w Maximum	0.39	0 - 09:55 hrs	26.62	57.75	1.01	6.34	-4,321.54	2.92	2.63	0.39	0.00	0.00	0.00	0 - 00:00 hrs
761	☐	SWMH-L5-013	4.80	47.91	w Maximum	0.00	0 - 09:49 hrs	0.00	50.55	0.00	5.01	639.79	2.07	1.80	0.00	0.12	0.55	15.91	0 - 09:59 hrs
762	☐	SWMH-L5-014	6.30	50.04	w Maximum	4.53	0 - 09:55 hrs	0.00	50.54	0.00	4.99	247.53	1.95	3.01	4.53	0.00	0.00	0.00	0 - 00:00 hrs
763	☐	SWMH-L5-015	6.71	51.11	w Maximum	2.09	0 - 09:57 hrs	28.42	50.53	1.07	4.97	91.54	1.97	3.70	2.09	0.00	0.00	0.00	0 - 00:00 hrs
764	☐	SWMH-L5-016	6.98	52.79	w Maximum	0.99	0 - 09:51 hrs	0.00	47.88	0.00	4.10	-436.07	1.58	3.98	0.99	0.00	0.00	0.00	0 - 00:00 hrs
765	☐	SWMH-L5-017	6.70	53.56	w Maximum	0.00	0 - 09:52 hrs	52.00	52.00	2.34	4.11	30.93	1.40	3.70	0.00	0.00	0.00	10.48	0 - 09:52 hrs
766	☐	SWMH-L5-018	6.05	53.09	w Maximum	0.00	0 - 09:52 hrs	0.00	36.32	0.00	2.05	2.21	1.54	3.80	0.00	0.28	0.47	36.30	0 - 10:03 hrs
767	☐	SWMH-L5-019	9.97	50.42	w Maximum	0.00	0 - 09:55 hrs	43.35	43.35	1.91	3.59	528.58	47.99	7.97	0.00	0.03	0.20	8.89	0 - 09:59 hrs
768	☐	SWMH-L5-020	7.60	49.90	Surcharged	0.00	0 - 09:45 hrs	0.00	17.17	0.00	1.72	547.87	47.93	5.60	0.00	0.00	0.04	0.04	0 - 09:55 hrs
769	☐	SWMH-L5-021	6.15	50.00	w Maximum	0.00	0 - 00:05 hrs	0.00	12.40	0.00	1.97	356.39	47.82	4.15	0.00	0.23	2.11	6.31	0 - 10:30 hrs
770	☐	SWMH-L5-022	6.15	50.26	Surcharged	0.00	0 - 00:05 hrs	50.90	50.90	2.34	2.34	0.00	47.82	4.15	0.00	0.38	1.08	38.43	0 - 09:59 hrs
771	☐	SWMH-L5-028	5.33	32.65	Surcharged	-0.15	0 - 15:10 hrs	0.00	8.77	0.00	4.12	1,138.68	40.28	3.32	0.00	0.00	0.00	0.00	0 - 00:00 hrs
772	☐	SWMH-L5-036	3.45	45.98	w Maximum	0.00	0 - 00:03 hrs	0.00	7.69	0.00	0.01	0.00	32.93	1.95	0.00	0.00	0.01	6.90	0 - 00:03 hrs
773	☐	SWMH-L5-037	4.75	45.15	w Maximum	0.00	0 - 00:01 hrs	0.00	8.13	0.00	0.00	0.00	47.91	3.75	0.00	0.00	0.01	7.38	0 - 00:01 hrs
774	☐	SWMH-L5-038	9.58	44.15	w Maximum	0.00	0 - 00:00 hrs	0.00	103.15	0.00	2.63	0.00	47.98	4.63	0.00	0.00	0.01	13.21	0 - 00:00 hrs
775	☐	SWMH-L5-039	5.68	51.11	w Maximum	0.00	0 - 09:51 hrs	0.00	47.89	0.00	4.10	103.58	1.65	2.68	0.00	0.20	0.55	25.74	0 - 09:59 hrs
776	☐	SWMH-L6-001	6.15	58.14	w Maximum	0.00	0 - 09:52 hrs	0.00	41.68	0.00	2.09	3.57	1.04	3.90	0.00	0.05	0.27	9.76	0 - 10:00 hrs
777	☐	SWMH-L6-002	2.64	56.54	w Maximum	8.54	0 - 09:59 hrs	0.00	32.33	0.00	1.40	-9.18	0.13	0.61	8.54	0.00	0.00	0.00	0 - 00:00 hrs
778	☐	SWMH-L6-003	6.05	68.57	w Maximum	0.00	0 - 09:57 hrs	31.62	31.62	1.33	1.33	0.00	0.26	4.00	0.00	0.00	0.00	1.39	0 - 09:57 hrs
779	☐	SWMH-L6-004	1.72	59.50	low Link Cro	7.93	0 - 09:59 hrs	0.00	32.47	0.00	1.41	72.88	0.00	0.00	0.00	0.00	0.00	0.00	0 - 00:00 hrs
780	☐	SWMH-L6-005	1.44	66.76	low Link Cro	6.16	0 - 09:59 hrs	32.96	32.96	1.41	1.40	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0 - 00:00 hrs
781	☐	SWMH-L6-006	2.30	56.13	low Link Cro	10.75	0 - 10:04 hrs	7.31	132.15	0.23	10.43	262.46	0.00	0.00	0.00	0.00	0.00	0.00	0 - 00:00 hrs
782	☐	SWMH-L6-007	3.25	59.01	low Link Cro	5.99	0 - 09:56 hrs	0.00	73.11	0.00	7.58	313.88	0.00	0.00	0.00	0.00	0.00	0.00	0 - 00:00 hrs
783	☐	SWMH-L6-008	5.00	71.94	Surcharged	0.00	0 - 09:56 hrs	0.00	76.69	0.00	7.58	104.28	0.65	2.00	0.00	0.00	0.00	4.08	0 - 09:56 hrs
784	☐	SWMH-L6-010	11.10	42.43	w Maximum	3.34	0 - 12:48 hrs	18.98	389.59	0.68	35.04	82,470.79	28.32	4.76	3.34	0.00	0.00	0.00	0 - 00:00 hrs

FUTURE CONDITIONS 20-YR 24-HR CLIMATE CHANGE JUNCTIONS

		ID	Maximum Depth (ft)	Maximum HGL (ft)	Maximum HGL Head Class	Freeboard (ft)	Max.Depth Day-Time (day-time)	Maximum Lateral Inflow (cfs)	Maximum Total Inflow (cfs)	Lateral Inflow Volume (MG)	Total Inflow Volume (MG)	Flow Volume Difference (MG)	Total Surcharge Time (hrs)	Max.Surchar ge Height Above Ground	Min.Surchar ge Depth Below Rim	Total Flood Volume (MG)	Total Flood Time (hrs)	Maximum Flood Rate (cfs)	Max.Flood Day-Time (day-time)
785	☐	SWMH-L6-011	8.76	45.27	w Maximum	2.64	0 - 10:04 hrs	0.00	99.77	0.00	10.41	1,220.74	28.29	5.28	2.64	0.00	0.00	0.00	0 - 00:00 hrs
786	☐	SWMH-L6-012	8.59	51.66	w Maximum	9.91	0 - 09:53 hrs	0.00	9.22	0.00	0.00	0.00	0.86	5.59	9.91	0.00	0.00	0.00	0 - 00:00 hrs
787	☐	SWMH-L6-014	6.71	34.51	Surcharged	-2.01	0 - 14:11 hrs	0.00	8.77	0.00	4.13	1,182.75	40.27	4.71	0.00	0.00	0.00	0.00	0 - 00:00 hrs
788	☐	SWMH-L6-015	9.63	49.22	w Maximum	2.32	0 - 09:53 hrs	0.00	99.76	0.00	10.43	1,708.01	3.12	6.30	2.32	0.00	0.00	0.00	0 - 00:00 hrs
789	☐	SWMH-L6-016	8.32	78.29	Surcharged	0.00	0 - 09:56 hrs	38.12	38.12	1.74	1.74	0.00	0.32	6.25	0.00	0.00	0.00	1.32	0 - 09:56 hrs
790	☐	SWMH-L6-017	5.77	49.12	low Link Cro	14.83	0 - 10:04 hrs	0.00	192.92	0.00	13.16	616.61	0.00	0.00	0.00	0.00	0.00	0.00	0 - 00:00 hrs
791	☐	SWMH-L7-001	6.00	86.46	w Maximum	0.00	0 - 09:44 hrs	23.89	30.90	1.01	4.64	194.60	2.95	3.50	0.00	0.00	0.15	2.11	0 - 09:59 hrs
792	☐	SWMH-L7-002	5.43	86.46	w Maximum	0.00	0 - 09:44 hrs	45.33	56.51	2.19	4.23	227.86	2.99	2.93	0.00	0.60	1.05	53.41	0 - 09:59 hrs
793	☐	SWMH-L7-003	5.28	86.96	w Maximum	0.00	0 - 09:44 hrs	0.00	12.76	0.00	2.04	160.39	2.98	3.03	0.00	0.00	0.22	0.06	0 - 09:44 hrs
794	☐	SWMH-L7-007	0.97	80.34	low Link Cro	2.66	0 - 10:34 hrs	0.00	21.09	0.00	3.00	41.04	0.00	0.00	0.00	0.00	0.00	0.00	0 - 00:00 hrs
795	☐	SWMH-L7-008	3.84	83.79	Surcharged	0.00	0 - 09:42 hrs	20.20	42.35	0.80	3.27	1,103.41	3.02	1.34	0.00	0.26	0.98	21.23	0 - 09:59 hrs
796	☐	SWMH-L7-009	3.84	83.95	w Maximum	0.00	0 - 09:45 hrs	0.00	30.81	0.00	2.58	111.16	2.93	1.34	0.00	0.11	0.75	8.66	0 - 09:59 hrs
797	☐	SWMH-L7-010	4.48	85.03	w Maximum	0.00	0 - 09:45 hrs	0.00	30.80	0.00	2.58	130.16	2.58	1.98	0.00	0.00	0.00	1.32	0 - 09:45 hrs
798	☐	SWMH-L7-011	3.89	85.10	w Maximum	0.00	0 - 09:45 hrs	0.00	24.01	0.00	2.13	68.26	2.23	1.39	0.00	0.04	0.51	5.99	0 - 09:59 hrs
799	☐	SWMH-L7-012	4.00	86.58	Surcharged	0.00	0 - 09:49 hrs	0.00	24.02	0.00	2.13	66.39	1.38	1.50	0.00	0.00	0.00	1.87	0 - 09:49 hrs
800	☐	SWMH-L7-013	4.37	87.52	w Maximum	0.23	0 - 09:49 hrs	0.00	24.00	0.00	2.13	126.58	1.52	2.12	0.23	0.00	0.00	0.00	0 - 00:00 hrs
801	☐	SWMH-L7-014	5.00	88.63	w Maximum	0.00	0 - 09:49 hrs	47.62	47.62	2.28	2.28	0.00	1.59	2.75	0.00	0.14	0.45	23.56	0 - 09:59 hrs
802	☐	SWMH-L7-017	4.50	85.78	w Maximum	0.00	0 - 09:56 hrs	12.84	12.84	0.49	0.49	0.00	2.46	2.50	0.00	0.00	0.00	0.03	0 - 09:59 hrs
803	☐	SWMH-L7-020	7.20	86.23	Surcharged	0.00	0 - 09:45 hrs	43.44	43.44	1.95	1.95	0.00	2.82	5.20	0.00	0.45	0.96	40.34	0 - 09:59 hrs
804	☐	SWMH-L7-024	1.90	78.54	low Link Cro	2.52	0 - 09:59 hrs	13.24	34.33	0.52	3.52	310.44	0.00	0.00	0.00	0.00	0.00	0.00	0 - 00:00 hrs
805	☐	SWMH-L7-025	3.90	78.37	w Maximum	0.00	0 - 09:34 hrs	35.93	35.93	1.73	1.73	0.00	10.56	2.65	0.00	0.48	2.03	33.39	0 - 09:59 hrs
806	☐	SWMH-L7-026	3.98	77.78	w Maximum	0.00	0 - 09:56 hrs	23.76	59.78	1.00	5.76	315.94	0.67	0.98	0.00	0.06	0.28	14.56	0 - 09:59 hrs
807	☐	SWMH-L7-029	7.67	86.42	w Maximum	0.23	0 - 09:52 hrs	0.00	15.14	0.00	1.50	82.89	2.88	5.67	0.23	0.00	0.00	0.00	0 - 00:00 hrs
808	☐	SWMH-L8-001	10.60	94.80	Surcharged	0.00	0 - 09:56 hrs	12.59	101.36	0.46	10.77	417.49	1.84	6.04	0.00	0.00	0.00	40.67	0 - 09:56 hrs
809	☐	SWMH-L8-002	8.91	94.43	Surcharged	0.00	0 - 09:56 hrs	0.00	96.29	0.00	10.58	656.99	1.65	4.41	0.00	0.27	0.31	68.73	0 - 09:56 hrs
810	☐	SWMH-L8-005	5.90	96.75	w Maximum	0.00	0 - 09:57 hrs	26.33	48.03	1.05	7.90	802.02	5.34	2.40	0.00	0.00	0.02	11.09	0 - 09:57 hrs
811	☐	SWMH-L8-007	4.08	93.19	Surcharged	0.00	0 - 09:47 hrs	46.54	46.54	2.12	2.12	0.00	1.91	2.08	0.00	0.34	0.78	36.23	0 - 09:59 hrs
812	☐	SWMH-L8-008	8.70	95.82	w Maximum	0.00	0 - 09:56 hrs	67.50	67.50	2.74	2.74	0.00	1.43	4.54	0.00	0.01	0.02	37.11	0 - 09:56 hrs
813	☐	SWMH-L9-002	8.98	110.09	Surcharged	0.00	0 - 09:51 hrs	0.00	24.63	0.00	2.33	109.60	2.80	6.48	0.00	0.13	0.67	10.20	0 - 09:51 hrs
814	☐	SWMH-L9-003	10.10	109.91	Surcharged	0.00	0 - 09:51 hrs	36.82	46.34	1.62	3.81	359.73	3.91	7.60	0.00	0.08	0.35	15.40	0 - 09:59 hrs
815	☐	SWMH-L9-004	10.01	109.61	w Maximum	0.00	0 - 09:49 hrs	0.00	39.18	0.00	3.73	-127.61	4.12	7.51	0.00	0.00	0.06	6.17	0 - 09:49 hrs
816	☐	SWMH-L9-010	9.41	115.86	w Maximum	0.00	0 - 09:53 hrs	27.85	27.85	1.12	1.12	0.00	1.16	7.41	0.00	0.04	0.25	9.81	0 - 09:59 hrs
817	☐	SWMH-L9-011	9.91	116.08	w Maximum	0.13	0 - 09:53 hrs	0.00	18.04	0.00	1.08	-269.67	1.19	7.91	0.13	0.00	0.00	0.00	0 - 00:00 hrs
818	☐	SWMH-L9-012	10.25	115.41	w Maximum	0.41	0 - 09:53 hrs	0.00	18.03	0.00	1.09	-165.97	1.33	8.25	0.41	0.00	0.00	0.00	0 - 00:00 hrs
819	☐	SWMH-L9-014	10.50	115.00	w Maximum	0.00	0 - 09:53 hrs	0.00	18.03	0.00	1.09	11.72	1.46	8.50	0.00	0.00	0.00	8.21	0 - 09:53 hrs
820	☐	SWMH-L9-015	10.31	113.11	w Maximum	0.00	0 - 09:52 hrs	0.00	18.02	0.00	1.08	40.57	1.70	8.31	0.00	0.00	0.00	4.65	0 - 09:52 hrs
821	☐	SWMH-L9-016	9.86	111.26	Surcharged	0.00	0 - 09:52 hrs	0.00	18.03	0.00	1.09	204.99	2.29	7.86	0.00	0.00	0.00	4.96	0 - 09:52 hrs
822	☐	SWMH-L9-017	7.30	106.11	w Maximum	0.00	0 - 09:52 hrs	0.00	18.03	0.00	1.09	-140.49	4.82	5.29	0.00	0.09	0.53	13.77	0 - 09:52 hrs
823	☐	SWMH-L9-026	11.50	108.11	w Maximum	0.00	0 - 09:51 hrs	0.00	39.10	0.00	3.74	77.28	7.03	9.00	0.00	0.00	0.11	0.20	0 - 09:51 hrs
824	☐	SWMH-L9-027	11.89	107.61	w Maximum	0.00	0 - 09:51 hrs	0.00	39.06	0.00	3.74	108.59	7.99	9.39	0.00	0.02	0.40	2.34	0 - 10:06 hrs
825	☐	SWMH-L9-029	11.67	106.91	Surcharged	0.00	0 - 09:52 hrs	0.00	38.92	0.00	3.71	38.97	8.51	9.16	0.00	0.00	0.06	0.16	0 - 09:52 hrs
826	☐	SWMH-L9-030	11.40	106.31	Surcharged	0.00	0 - 09:52 hrs	51.49	80.05	2.22	5.93	179.39	7.59	7.90	0.00	0.11	0.33	22.68	0 - 09:59 hrs
827	☐	SWMH-L9-031	10.64	104.72	w Maximum	0.29	0 - 10:12 hrs	0.00	91.87	0.00	7.63	-503.87	8.50	7.14	0.29	0.00	0.00	0.00	0 - 00:00 hrs
828	☐	SWMH-L9-032	10.53	104.50	w Maximum	0.11	0 - 10:30 hrs	0.00	91.88	0.00	7.63	-279.57	8.62	7.02	0.11	0.00	0.00	0.00	0 - 00:00 hrs
829	☐	SWMH-L9-033	9.60	102.53	w Maximum	0.39	0 - 10:37 hrs	0.00	91.87	0.00	7.64	-378.83	9.20	5.60	0.39	0.00	0.00	0.00	0 - 00:00 hrs
830	☐	SWMH-L9-034	9.71	102.46	w Maximum	0.00	0 - 10:37 hrs	0.00	91.89	0.00	7.63	175.26	9.45	5.71	0.00	0.00	0.00	0.02	0 - 10:37 hrs
831	☐	SWMH-L9-036	9.59	102.11	w Maximum	0.00	0 - 10:34 hrs	0.00	91.92	0.00	7.63	245.84	9.73	5.58	0.00	0.00	0.00	0.04	0 - 10:37 hrs
832	☐	SWMH-L9-047	11.22	105.71	w Maximum	0.00	0 - 09:56 hrs	22.13	91.88	0.82	7.63	370.98	8.05	7.71	0.00	0.00	0.09	0.28	0 - 10:06 hrs
833	☐	SWMH-L9-049	11.74	107.21	w Maximum	0.00	0 - 09:52 hrs	0.00	38.99	0.00	3.71	80.79	8.26	9.24	0.00	0.00	0.30	0.19	0 - 10:04 hrs

FUTURE CONDITIONS 20-YR 24-HR CLIMATE CHANGE JUNCTIONS

		ID	Maximum Depth (ft)	Maximum HGL (ft)	Maximum HGL Head Class	Freeboard (ft)	Max.Depth Day-Time (day-time)	Maximum Lateral Inflow (cfs)	Maximum Total Inflow (cfs)	Lateral Inflow Volume (MG)	Total Inflow Volume (MG)	Flow Volume Difference (MG)	Total Surcharge Time (hrs)	Max.Surchar ge Height Above Ground	Min.Surchar ge Depth Below Rim (ft)	Total Flood Volume (MG)	Total Flood Time (hrs)	Maximum Flood Rate (cfs)	Max.Flood Day-Time (day-time)
834	☐	SWMH-M1-001	8.81	35.80	Surcharged	0.00	0 - 08:36 hrs	3.14	55.03	0.11	19.81	5,592.87	39.69	5.12	0.00	17.86	15.33	55.03	0 - 09:59 hrs
835	☐	SWMH-M1-003	8.83	39.04	Surcharged	0.00	0 - 09:40 hrs	59.32	81.22	2.97	9.09	8,084.16	34.44	5.33	0.00	0.74	1.53	53.31	0 - 10:03 hrs
836	☐	SWMH-M1-004	5.90	36.34	Surcharged	0.00	0 - 09:47 hrs	43.33	43.33	1.79	1.79	0.00	33.88	2.90	0.00	0.19	0.64	27.29	0 - 09:59 hrs
837	☐	SWMH-M1-006	6.98	36.06	Surcharged	0.00	0 - 09:41 hrs	0.00	16.01	0.00	1.58	2,905.19	36.24	3.85	0.00	0.00	0.26	0.05	0 - 10:15 hrs
838	☐	SWMH-M1-007	8.20	36.06	w Maximum	0.00	0 - 09:49 hrs	0.00	16.04	0.00	1.56	1,254.39	37.70	4.48	0.00	0.00	0.00	0.03	0 - 10:19 hrs
839	☐	SWMH-M1-008	8.45	35.82	w Maximum	0.00	0 - 08:40 hrs	0.00	37.55	0.00	10.16	1,743.67	39.85	5.25	0.00	9.71	15.12	37.25	0 - 10:26 hrs
840	☐	SWMH-M1-009	8.52	37.34	w Maximum	0.00	0 - 09:15 hrs	0.00	27.89	0.00	8.29	10,192.45	36.32	4.86	0.00	0.31	3.02	5.63	0 - 10:29 hrs
841	☐	SWMH-M2-001	5.78	40.01	Surcharged	0.00	0 - 08:34 hrs	35.58	58.29	1.44	6.16	2,588.63	33.00	3.78	0.00	2.28	6.01	58.23	0 - 09:59 hrs
842	☐	SWMH-M2-002	7.86	43.84	w Maximum	0.16	0 - 10:17 hrs	0.00	15.40	0.00	4.63	1,029.13	17.88	5.36	0.16	0.00	0.00	0.00	0 - 00:00 hrs
843	☐	SWMH-M2-005	6.60	41.71	w Maximum	0.24	0 - 10:07 hrs	0.00	26.21	0.00	3.38	2,063.44	25.09	3.85	0.24	0.00	0.00	0.00	0 - 00:00 hrs
844	☐	SWMH-M2-007	5.90	43.76	Surcharged	0.00	0 - 09:52 hrs	20.64	33.00	0.85	3.42	115.87	5.58	3.15	0.00	0.00	0.16	2.57	0 - 09:59 hrs
845	☐	SWMH-M2-008	5.05	44.26	w Maximum	0.00	0 - 09:41 hrs	0.00	17.44	0.00	2.60	-60.14	4.14	2.63	0.00	0.03	0.48	3.73	0 - 10:06 hrs
846	☐	SWMH-M2-009	5.05	45.34	w Maximum	0.00	0 - 09:45 hrs	35.40	40.19	1.66	2.81	502.00	3.44	2.80	0.00	0.21	0.76	24.05	0 - 09:59 hrs
847	☐	SWMH-M2-010	5.08	45.91	w Maximum	0.00	0 - 09:45 hrs	0.00	6.02	0.00	1.15	71.36	3.26	3.08	0.00	0.00	0.00	1.48	0 - 09:45 hrs
848	☐	SWMH-M2-012	4.30	40.74	Surcharged	0.00	0 - 09:41 hrs	0.00	2.98	0.00	0.11	0.00	26.57	3.05	0.00	0.11	2.06	2.98	0 - 09:53 hrs
849	☐	SWMH-M3-001	5.35	51.82	w Maximum	0.00	0 - 09:18 hrs	58.10	58.10	2.76	2.76	0.00	8.63	3.22	0.00	0.68	2.10	49.64	0 - 09:59 hrs
850	☐	SWMH-M3-002	5.32	46.70	w Maximum	0.00	0 - 09:45 hrs	0.00	6.00	0.00	1.16	274.80	3.44	3.57	0.00	0.00	0.00	2.02	0 - 09:45 hrs
851	☐	SWMH-M3-007	4.60	48.87	w Maximum	2.90	0 - 09:45 hrs	0.00	6.23	0.00	1.16	302.52	3.94	3.10	2.90	0.00	0.00	0.00	0 - 00:00 hrs
852	☐	SWMH-M3-008	6.70	51.66	Surcharged	0.00	0 - 09:55 hrs	32.02	33.36	1.21	4.19	124.28	9.89	4.50	0.00	0.00	0.02	0.03	0 - 10:00 hrs
853	☐	SWMH-M3-009	5.80	51.21	w Maximum	0.00	0 - 09:08 hrs	28.08	46.58	1.14	3.29	115.45	9.52	3.62	0.00	0.83	3.06	46.53	0 - 09:59 hrs
854	☐	SWMH-M3-010	6.10	51.66	w Maximum	0.00	0 - 09:40 hrs	16.29	16.29	0.64	0.64	12.92	10.21	4.60	0.00	0.12	0.97	14.92	0 - 09:59 hrs
855	☐	SWMH-M3-017	5.50	49.38	Surcharged	0.00	0 - 09:51 hrs	0.00	6.60	0.00	1.33	89.96	6.31	4.00	0.00	0.00	0.10	0.01	0 - 09:51 hrs
856	☐	SWMH-M3-018	4.98	50.12	Surcharged	0.00	0 - 09:36 hrs	40.01	40.01	1.82	1.82	0.00	5.81	3.48	0.00	0.49	1.97	35.12	0 - 09:59 hrs
857	☐	SWMH-M3-024	5.81	50.69	w Maximum	0.97	0 - 10:30 hrs	0.00	6.23	0.00	1.16	98.26	7.54	4.56	0.97	0.00	0.00	0.00	0 - 00:00 hrs
858	☐	SWMH-M4-002	4.67	54.27	w Maximum	0.23	0 - 09:45 hrs	0.00	14.04	0.00	1.76	-137.84	2.01	2.66	0.23	0.00	0.00	0.00	0 - 00:00 hrs
859	☐	SWMH-M4-003	4.48	54.26	Surcharged	0.00	0 - 09:45 hrs	0.00	14.03	0.00	1.76	253.72	1.97	2.40	0.00	0.00	0.00	0.12	0 - 09:45 hrs
860	☐	SWMH-M4-004	4.40	55.27	w Maximum	0.00	0 - 09:45 hrs	44.60	44.60	2.03	2.03	0.00	1.75	2.40	0.00	0.16	0.47	24.19	0 - 09:59 hrs
861	☐	SWMH-M4-006	4.85	52.56	w Maximum	0.30	0 - 09:45 hrs	0.00	4.49	0.00	1.26	47.17	9.43	3.35	0.30	0.00	0.00	0.00	0 - 00:00 hrs
862	☐	SWMH-M4-007	4.64	52.93	w Maximum	0.41	0 - 11:10 hrs	0.00	4.48	0.00	1.27	44.75	8.77	3.14	0.41	0.00	0.00	0.00	0 - 00:00 hrs
863	☐	SWMH-M4-008	4.10	52.59	w Maximum	0.00	0 - 09:45 hrs	0.00	11.45	0.00	1.51	69.08	1.94	1.85	0.00	0.00	0.00	2.46	0 - 09:45 hrs
864	☐	SWMH-M4-011	4.05	54.04	w Maximum	0.00	0 - 09:45 hrs	40.24	40.24	1.75	1.75	0.00	2.03	2.30	0.00	0.25	0.81	29.21	0 - 09:59 hrs
865	☐	SWMH-M4-022	4.63	53.26	w Maximum	0.45	0 - 09:45 hrs	0.00	4.48	0.00	1.27	80.32	8.43	3.13	0.45	0.00	0.00	0.00	0 - 00:00 hrs
866	☐	SWMH-M4-023	4.26	53.84	w Maximum	0.24	0 - 10:51 hrs	0.00	4.49	0.00	1.27	37.73	8.07	2.51	0.24	0.00	0.00	0.00	0 - 00:00 hrs
867	☐	SWMH-M4-029	3.22	53.74	Surcharged	0.00	0 - 08:57 hrs	45.48	45.48	1.95	1.95	0.00	7.62	1.72	0.00	0.68	3.39	42.00	0 - 09:59 hrs
868	☐	SWMH-M4-031	3.98	54.47	w Maximum	0.00	0 - 09:45 hrs	0.00	20.34	0.00	1.87	25.36	1.80	1.95	0.00	0.11	0.73	7.76	0 - 10:02 hrs
869	☐	SWMH-M5-001	11.56	53.33	Surcharged	0.00	0 - 00:02 hrs	0.00	85.57	0.00	6.36	2,372.48	47.94	6.25	0.00	0.00	0.00	12.60	0 - 00:02 hrs
870	☐	SWMH-M5-002	7.71	52.44	w Maximum	0.00	0 - 00:01 hrs	0.00	40.61	0.00	1.78	1,264.46	47.94	4.96	0.00	0.00	0.00	31.36	0 - 00:01 hrs
871	☐	SWMH-M5-003	5.51	52.00	w Maximum	2.64	0 - 09:55 hrs	0.00	14.02	0.00	1.78	456.43	47.86	3.46	2.64	0.00	0.00	0.00	0 - 00:00 hrs
872	☐	SWMH-M5-004	5.46	52.59	w Maximum	1.62	0 - 09:55 hrs	0.00	14.03	0.00	1.78	292.05	4.48	3.23	1.62	0.00	0.00	0.00	0 - 00:00 hrs
873	☐	SWMH-M5-005	4.97	53.34	w Maximum	0.28	0 - 09:55 hrs	0.00	14.02	0.00	1.77	153.13	2.46	2.97	0.28	0.00	0.00	0.00	0 - 00:00 hrs
874	☐	SWMH-M5-006	9.58	51.69	w Maximum	1.72	0 - 00:02 hrs	0.00	62.80	0.00	4.56	2,011.11	47.97	5.96	1.72	0.00	0.00	0.00	0 - 00:00 hrs
875	☐	SWMH-M5-007	8.87	52.45	w Maximum	1.23	0 - 00:04 hrs	0.00	50.19	0.00	4.55	3,364.82	47.92	5.62	1.23	0.00	0.00	0.00	0 - 00:00 hrs
876	☐	SWMH-M5-008	9.50	53.76	w Maximum	0.00	0 - 00:03 hrs	61.64	61.64	2.94	4.58	3,475.50	47.87	6.42	0.00	0.03	0.17	25.86	0 - 00:03 hrs
877	☐	SWMH-M5-010	7.60	54.10	w Maximum	3.40	0 - 09:59 hrs	45.75	46.82	1.98	2.14	1,506.09	3.51	4.59	3.40	0.00	0.00	0.00	0 - 00:00 hrs
878	☐	SWMH-M5-021	5.34	53.07	w Maximum	0.16	0 - 09:55 hrs	0.00	14.03	0.00	1.77	271.18	3.31	3.33	0.16	0.00	0.00	0.00	0 - 00:00 hrs
879	☐	SWMH-M6-001	8.30	66.83	Surcharged	0.00	0 - 09:57 hrs	45.52	45.52	2.10	2.10	0.00	0.64	6.27	0.00	0.01	0.13	3.77	0 - 09:59 hrs
880	☐	SWMH-M6-002	1.81	70.48	Flow Link Croy	5.04	0 - 09:59 hrs	38.26	57.00	1.70	2.61	121.66	0.00	0.00	0.00	0.00	0.00	0.00	0 - 00:00 hrs
881	☐	SWMH-M6-003	1.74	73.34	Flow Link Croy	4.36	0 - 10:04 hrs	0.00	20.40	0.00	0.91	-424.66	0.00	0.00	0.00	0.00	0.00	0.00	0 - 00:00 hrs
882	☐	SWMH-M6-007	9.94	58.03	w Maximum	0.97	0 - 09:59 hrs	15.32	36.93	0.55	3.33	368.71	47.88	7.93	0.97	0.00	0.00	0.00	0 - 00:00 hrs

FUTURE CONDITIONS 20-YR 24-HR CLIMATE CHANGE JUNCTIONS

		ID	Maximum Depth (ft)	Maximum HGL (ft)	Maximum HGL Head Class	Freeboard (ft)	Max.Depth Day-Time (day-time)	Maximum Lateral Inflow (cfs)	Maximum Total Inflow (cfs)	Lateral Inflow Volume (MG)	Total Inflow Volume (MG)	Flow Volume Difference (MG)	Total Surcharge Time (hrs)	Max.Surchar ge Height Above Crown	Min.Surchar ge Depth Below Rim (ft)	Total Flood Volume (MG)	Total Flood Time (hrs)	Maximum Flood Rate (cfs)	Max.Flood Day-Time (day-time)
883	☐	SWMH-M6-008	10.55	59.60	Surcharged	0.00	0 - 09:52 hrs	0.00	34.99	0.00	2.82	386.60	2.42	7.25	0.00	0.06	0.30	13.20	0 - 09:59 hrs
884	☐	SWMH-M6-009	10.05	60.13	w Maximum	0.00	0 - 09:51 hrs	0.00	16.53	0.00	1.82	-8.54	1.86	5.70	0.00	0.03	0.38	3.66	0 - 10:07 hrs
885	☐	SWMH-M6-010	1.66	62.72	Flow Link Cro	5.09	0 - 09:59 hrs	24.57	24.57	1.03	1.03	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0 - 00:00 hrs
886	☐	SWMH-M6-011	10.82	66.56	Surcharged	0.00	0 - 09:48 hrs	46.19	46.19	2.06	2.06	0.00	2.09	9.32	0.00	0.24	0.59	31.47	0 - 09:59 hrs
887	☐	SWMH-M7-001	2.56	75.08	w Maximum	3.09	0 - 10:03 hrs	21.76	21.76	0.92	0.92	0.00	0.09	0.06	3.09	0.00	0.00	0.00	0 - 00:00 hrs
888	☐	SWMH-M7-004	15.77	80.67	w Maximum	0.59	0 - 09:55 hrs	0.00	249.09	0.00	39.86	2,564.87	3.03	11.27	0.59	0.00	0.00	0.00	0 - 00:00 hrs
889	☐	SWMH-M7-005	12.17	82.82	w Maximum	0.00	0 - 09:55 hrs	0.00	249.76	0.00	38.59	4,178.43	2.66	6.17	0.00	0.00	0.00	13.93	0 - 09:55 hrs
890	☐	SWMH-M7-006	10.62	82.43	w Maximum	1.28	0 - 09:55 hrs	0.00	253.21	0.00	38.61	2,258.48	2.70	4.62	1.28	0.00	0.00	0.00	0 - 00:00 hrs
891	☐	SWMH-M7-007	1.44	55.24	Flow Link Cro	15.76	0 - 10:04 hrs	0.00	14.46	0.00	0.62	186.07	0.00	0.00	0.00	0.00	0.00	0.00	0 - 00:00 hrs
892	☐	SWMH-M7-008	1.48	59.44	Flow Link Cro	17.06	0 - 10:00 hrs	0.00	15.11	0.00	0.62	-78.20	0.00	0.00	0.00	0.00	0.00	0.00	0 - 00:00 hrs
893	☐	SWMH-M7-009	6.60	81.87	Surcharged	0.00	0 - 09:56 hrs	0.00	26.20	0.00	1.16	-8.32	1.76	4.10	0.00	0.00	0.01	23.09	0 - 09:56 hrs
894	☐	SWMH-M7-010	10.28	82.39	w Maximum	1.02	0 - 09:56 hrs	0.00	37.97	0.00	4.02	300.91	11.99	7.96	1.02	0.00	0.00	0.00	0 - 00:00 hrs
895	☐	SWMH-M7-011	10.50	84.27	w Maximum	1.38	0 - 09:56 hrs	0.00	37.94	0.00	4.02	143.41	5.36	8.25	1.38	0.00	0.00	0.00	0 - 00:00 hrs
896	☐	SWMH-M7-013	6.50	82.88	w Maximum	0.00	0 - 09:56 hrs	26.65	26.65	1.17	1.17	0.00	1.66	4.29	0.00	0.00	0.15	6.28	0 - 09:56 hrs
897	☐	SWMH-M7-014	10.84	86.15	Surcharged	0.00	0 - 09:52 hrs	56.52	59.56	2.74	4.24	302.20	3.66	8.59	0.00	0.22	0.57	32.46	0 - 09:59 hrs
898	☐	SWMH-M7-016	10.51	84.79	w Maximum	0.66	0 - 09:56 hrs	0.00	37.97	0.00	4.02	-34.18	4.57	8.26	0.66	0.00	0.00	0.00	0 - 00:00 hrs
899	☐	SWMH-M7-018	13.04	82.00	Surcharged	0.00	0 - 09:56 hrs	0.00	261.22	0.00	39.73	191.57	2.15	5.31	0.00	0.00	0.00	30.03	0 - 09:56 hrs
900	☐	SWMH-M7-019	12.18	79.91	w Maximum	2.34	0 - 09:56 hrs	3.98	265.25	0.14	39.86	602.12	2.98	7.68	2.34	0.00	0.00	0.00	0 - 00:00 hrs
901	☐	SWMH-M7-020	1.41	63.19	Flow Link Cro	17.81	0 - 09:59 hrs	15.76	15.76	0.62	0.62	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0 - 00:00 hrs
902	☐	SWMH-M7-024	7.38	81.77	w Maximum	0.00	0 - 09:56 hrs	0.00	34.72	0.00	1.16	2.17	1.96	4.60	0.00	0.00	0.00	27.81	0 - 09:56 hrs
903	☐	SWMH-M8-001	9.60	82.31	w Maximum	0.00	0 - 09:55 hrs	19.43	297.14	0.74	36.03	1,848.38	2.70	3.60	0.00	1.42	0.85	122.59	0 - 09:59 hrs
904	☐	SWMH-M8-002	10.11	84.25	w Maximum	0.25	0 - 09:59 hrs	48.86	277.94	2.33	35.30	1,111.16	2.50	4.11	0.25	0.00	0.00	0.00	0 - 00:00 hrs
905	☐	SWMH-M8-003	10.05	84.52	w Maximum	0.00	0 - 09:55 hrs	38.67	251.33	1.73	33.05	1,444.76	2.47	4.05	0.00	0.08	0.22	42.08	0 - 09:55 hrs
906	☐	SWMH-M8-004	11.40	87.63	w Maximum	0.00	0 - 09:56 hrs	0.00	212.70	0.00	31.35	1,725.20	2.50	5.90	0.00	0.00	0.00	66.48	0 - 09:56 hrs
907	☐	SWMH-M8-005	11.40	89.31	Surcharged	0.00	0 - 09:56 hrs	0.00	236.69	0.00	31.37	1,662.41	2.39	5.90	0.00	0.02	0.02	95.24	0 - 09:56 hrs
908	☐	SWMH-M8-006	12.72	92.36	w Maximum	0.48	0 - 09:56 hrs	0.00	246.76	0.00	31.39	1,649.38	2.32	7.22	0.48	0.00	0.00	0.00	0 - 00:00 hrs
909	☐	SWMH-M8-007	13.27	95.08	w Maximum	1.01	0 - 09:56 hrs	24.88	269.31	0.96	31.41	3,744.57	2.03	7.76	1.01	0.00	0.00	0.00	0 - 00:00 hrs
910	☐	SWMH-M8-008	11.84	95.32	w Maximum	1.26	0 - 09:56 hrs	0.00	99.85	0.00	11.48	337.25	1.90	7.34	1.26	0.00	0.00	0.00	0 - 00:00 hrs
911	☐	SWMH-M8-009	8.56	84.22	w Maximum	0.14	0 - 10:00 hrs	0.00	0.67	0.00	0.00	0.00	3.00	6.31	0.14	0.00	0.00	0.00	0 - 00:00 hrs
912	☐	SWMH-M8-016	11.66	95.31	w Maximum	0.69	0 - 09:56 hrs	0.00	109.22	0.00	11.48	62.85	1.89	7.16	0.69	0.00	0.00	0.00	0 - 00:00 hrs
913	☐	SWMH-M8-017	12.81	95.46	w Maximum	1.63	0 - 09:56 hrs	0.00	166.61	0.00	18.98	547.72	1.96	7.81	1.63	0.00	0.00	0.00	0 - 00:00 hrs
914	☐	SWMH-M9-001	9.59	97.59	w Maximum	0.03	0 - 09:56 hrs	17.58	17.58	0.71	0.71	0.00	1.56	7.59	0.03	0.00	0.00	0.00	0 - 00:00 hrs
915	☐	SWMH-M9-002	10.08	101.75	w Maximum	0.17	0 - 10:56 hrs	43.20	131.11	1.76	9.39	1,020.21	11.10	6.08	0.17	0.00	0.00	0.00	0 - 00:00 hrs
916	☐	SWMH-M9-003	10.23	101.68	w Maximum	0.37	0 - 10:56 hrs	0.00	131.11	0.00	9.38	181.04	11.10	6.03	0.37	0.00	0.00	0.00	0 - 00:00 hrs
917	☐	SWMH-M9-004	10.99	100.58	w Maximum	2.81	0 - 09:55 hrs	14.00	165.05	0.52	9.60	432.46	1.15	6.37	2.81	0.00	0.00	0.00	0 - 00:00 hrs
918	☐	SWMH-M9-005	10.48	98.70	w Maximum	2.82	0 - 09:56 hrs	0.00	167.82	0.00	18.94	583.69	1.43	5.77	2.82	0.00	0.00	0.00	0 - 00:00 hrs
919	☐	SWMH-M9-006	12.53	97.18	w Maximum	0.65	0 - 09:56 hrs	0.00	166.40	0.00	18.99	276.46	1.88	8.03	0.65	0.00	0.00	0.00	0 - 00:00 hrs
920	☐	SWMH-M9-007	12.98	97.05	w Maximum	0.44	0 - 09:56 hrs	0.00	166.08	0.00	18.99	672.21	1.87	8.16	0.44	0.00	0.00	0.00	0 - 00:00 hrs
921	☐	SWMH-M9-008	12.72	96.18	w Maximum	1.33	0 - 09:56 hrs	0.00	165.92	0.00	18.98	-283.02	1.93	8.02	1.33	0.00	0.00	0.00	0 - 00:00 hrs
922	☐	SWMH-M9-009	13.00	95.75	w Maximum	1.40	0 - 09:56 hrs	0.00	165.94	0.00	18.99	985.66	1.97	8.00	1.40	0.00	0.00	0.00	0 - 00:00 hrs
923	☐	SWMH-M9-010	12.11	97.84	w Maximum	0.33	0 - 09:56 hrs	8.35	166.63	0.29	18.99	-480.36	1.79	7.36	0.33	0.00	0.00	0.00	0 - 00:00 hrs
924	☐	SWMH-N1-001	15.12	38.26	Surcharged	0.00	0 - 10:34 hrs	0.00	66.38	0.00	21.31	15,727.54	41.95	9.12	0.00	0.00	0.00	0.11	0 - 10:34 hrs
925	☐	SWMH-N1-005	10.34	36.00	w Maximum	0.00	0 - 09:17 hrs	2.26	66.93	0.08	27.91	15,581.27	40.91	6.00	0.00	5.10	14.43	15.83	0 - 11:25 hrs
926	☐	SWMH-N1-006	11.82	37.51	Surcharged	0.00	0 - 09:45 hrs	32.82	66.98	1.37	15.56	8,528.08	42.00	8.32	0.00	0.29	2.20	25.50	0 - 09:59 hrs
927	☐	SWMH-N1-007	13.32	38.65	w Maximum	1.35	0 - 11:26 hrs	0.00	47.57	0.00	16.77	7,926.15	33.54	5.06	1.35	0.00	0.00	0.00	0 - 00:00 hrs
928	☐	SWMH-N1-008	12.57	39.17	w Maximum	0.18	0 - 11:57 hrs	0.00	152.92	0.00	19.61	16,337.79	34.25	6.06	0.18	0.00	0.00	0.00	0 - 00:00 hrs
929	☐	SWMH-N1-009	12.50	39.20	Surcharged	-0.41	0 - 11:32 hrs	0.00	152.99	0.00	19.72	15,585.11	34.15	5.99	0.00	0.00	0.00	0.00	0 - 00:00 hrs
930	☐	SWMH-N1-010	8.34	39.02	w Maximum	0.00	0 - 09:52 hrs	0.00	50.23	0.00	8.44	4,796.71	31.84	4.34	0.00	2.49	3.83	50.23	0 - 11:26 hrs
931	☐	SWMH-N1-014	5.90	35.82	Surcharged	0.00	0 - 08:36 hrs	14.62	14.87	0.57	0.67	0.00	38.08	4.40	0.00	0.58	15.25	14.85	0 - 09:59 hrs

FUTURE CONDITIONS 20-YR 24-HR CLIMATE CHANGE JUNCTIONS

		ID	Maximum Depth (ft)	Maximum HGL (ft)	Maximum HGL Head Class	Freeboard (ft)	Max.Depth Day-Time (day-time)	Maximum Lateral Inflow (cfs)	Maximum Total Inflow (cfs)	Lateral Inflow Volume (MG)	Total Inflow Volume (MG)	Flow Volume Difference (MG)	Total Surcharge Time (hrs)	Max.Surchar ge Height Above Crown	Min.Surchar ge Depth Below Rim (ft)	Total Flood Volume (MG)	Total Flood Time (hrs)	Maximum Flood Rate (cfs)	Max.Flood Day-Time (day-time)
932	☐	SWMH-N1-015	7.81	38.65	w Maximum	1.30	0 - 11:04 hrs	0.00	12.36	0.00	2.59	2,819.89	30.39	2.89	1.30	0.00	0.00	0.00	0 - 00:00 hrs
933	☐	SWMH-N1-016	13.20	39.11	w Maximum	1.10	0 - 10:37 hrs	0.00	47.58	0.00	16.56	2,574.65	41.83	9.70	1.10	0.00	0.00	0.00	0 - 00:00 hrs
934	☐	SWMH-N1-017	13.33	39.09	w Maximum	0.99	0 - 11:21 hrs	0.00	47.56	0.00	16.54	2,405.18	41.97	9.82	0.99	0.00	0.00	0.00	0 - 00:00 hrs
935	☐	SWMH-N2-001	6.84	39.47	w Maximum	0.00	0 - 09:49 hrs	0.00	22.73	0.00	2.81	3,272.47	30.68	3.95	0.00	0.05	1.19	5.65	0 - 09:59 hrs
936	☐	SWMH-N2-002	6.77	40.63	w Maximum	0.13	0 - 09:59 hrs	4.46	22.72	0.16	2.82	3,064.53	29.65	4.02	0.13	0.00	0.00	0.00	0 - 00:00 hrs
937	☐	SWMH-N2-003	7.20	41.30	w Maximum	0.65	0 - 09:55 hrs	14.80	18.27	0.56	2.68	2,916.52	29.55	4.45	0.65	0.00	0.00	0.00	0 - 00:00 hrs
938	☐	SWMH-N2-004	6.59	41.33	w Maximum	1.67	0 - 09:57 hrs	0.00	11.72	0.00	2.14	1,737.81	28.33	3.84	1.67	0.00	0.00	0.00	0 - 00:00 hrs
939	☐	SWMH-N2-005	6.42	41.30	w Maximum	0.03	0 - 09:57 hrs	0.00	11.79	0.00	2.14	659.53	23.91	3.37	0.03	0.00	0.00	0.00	0 - 00:00 hrs
940	☐	SWMH-N2-007	11.66	40.00	w Maximum	0.00	0 - 09:51 hrs	17.08	188.75	0.63	31.08	24,195.56	32.40	5.66	0.00	0.09	0.41	19.21	0 - 09:59 hrs
941	☐	SWMH-N2-008	11.83	41.00	w Maximum	0.59	0 - 09:57 hrs	0.00	171.77	0.00	29.85	12,277.05	31.26	5.83	0.59	0.00	0.00	0.00	0 - 00:00 hrs
942	☐	SWMH-N2-009	10.66	41.31	w Maximum	2.66	0 - 09:55 hrs	0.00	167.23	0.00	30.44	8,251.67	22.83	3.27	2.66	0.00	0.00	0.00	0 - 00:00 hrs
943	☐	SWMH-N2-010	10.95	41.69	w Maximum	1.81	0 - 09:55 hrs	0.00	167.21	0.00	30.59	20,161.82	20.80	3.45	1.81	0.00	0.00	0.00	0 - 00:00 hrs
944	☐	SWMH-N2-011	6.70	43.22	w Maximum	1.20	0 - 09:55 hrs	12.05	20.45	0.45	3.14	794.28	9.64	3.85	1.20	0.00	0.00	0.00	0 - 00:00 hrs
945	☐	SWMH-N2-012	8.45	38.90	Surcharged	0.00	0 - 09:41 hrs	0.00	30.18	0.00	3.68	426.32	35.30	6.20	0.00	2.00	5.47	23.53	0 - 09:56 hrs
946	☐	SWMH-N2-013	8.40	38.86	Surcharged	0.00	0 - 09:38 hrs	0.00	16.65	0.00	2.58	696.30	35.25	6.15	0.00	1.87	6.12	16.64	0 - 09:57 hrs
947	☐	SWMH-N2-014	8.59	39.32	w Maximum	0.39	0 - 10:30 hrs	0.00	10.01	0.00	1.61	1,043.98	34.62	6.26	0.39	0.00	0.00	0.00	0 - 00:00 hrs
948	☐	SWMH-N2-015	8.55	39.57	Surcharged	0.00	0 - 09:41 hrs	0.00	10.02	0.00	1.61	792.91	34.23	6.30	0.00	0.00	0.03	0.04	0 - 10:15 hrs
949	☐	SWMH-N2-016	8.18	39.58	Surcharged	0.00	0 - 09:41 hrs	41.83	41.83	1.97	1.97	0.00	34.00	6.18	0.00	0.35	1.35	31.80	0 - 09:59 hrs
950	☐	SWMH-N2-017	8.88	41.22	w Maximum	0.96	0 - 09:57 hrs	0.00	12.86	0.00	1.62	1,268.67	32.11	6.63	0.96	0.00	0.00	0.00	0 - 00:00 hrs
951	☐	SWMH-N2-018	7.70	41.24	Surcharged	0.00	0 - 09:45 hrs	17.26	25.11	0.67	1.81	1,915.84	30.66	5.45	0.00	0.17	1.05	17.10	0 - 09:59 hrs
952	☐	SWMH-N2-019	7.05	42.63	w Maximum	0.00	0 - 09:26 hrs	0.00	8.10	0.00	1.14	1,200.69	25.10	4.80	0.00	0.00	0.00	0.41	0 - 09:26 hrs
953	☐	SWMH-N2-020	7.92	39.56	w Maximum	0.35	0 - 09:57 hrs	22.48	44.23	0.94	8.09	6,298.50	30.53	3.80	0.35	0.00	0.00	0.00	0 - 00:00 hrs
954	☐	SWMH-N2-022	4.40	44.86	w Maximum	0.00	0 - 09:44 hrs	29.63	29.63	1.36	1.36	0.00	3.51	2.90	0.00	0.22	1.03	21.74	0 - 09:59 hrs
955	☐	SWMH-N2-023	4.85	39.09	w Maximum	0.00	0 - 09:45 hrs	0.00	5.00	0.00	0.30	0.00	30.27	3.10	0.00	0.30	4.05	5.00	0 - 09:59 hrs
956	☐	SWMH-N3-001	6.24	49.11	Surcharged	0.00	0 - 09:51 hrs	25.69	39.76	1.11	1.47	125.67	2.61	3.49	0.00	0.06	0.31	14.76	0 - 09:59 hrs
957	☐	SWMH-N3-002	5.91	49.27	Surcharged	0.00	0 - 09:51 hrs	0.00	7.88	0.00	0.33	9.52	2.36	3.41	0.00	0.00	0.02	2.09	0 - 09:51 hrs
958	☐	SWMH-N3-003	6.02	50.58	w Maximum	0.00	0 - 09:51 hrs	32.21	43.55	1.49	5.22	968.35	4.52	3.75	0.00	0.15	0.52	20.48	0 - 09:59 hrs
959	☐	SWMH-N3-004	6.01	51.19	w Maximum	0.31	0 - 10:12 hrs	0.00	14.27	0.00	3.72	371.74	4.83	3.76	0.31	0.00	0.00	0.00	0 - 00:00 hrs
960	☐	SWMH-N3-005	5.04	48.66	Surcharged	0.00	0 - 09:51 hrs	7.95	15.81	0.32	0.41	55.95	2.62	3.00	0.00	0.13	0.53	14.03	0 - 09:59 hrs
961	☐	SWMH-N3-007	7.74	44.49	w Maximum	0.71	0 - 09:59 hrs	29.52	78.11	1.32	10.17	-1,147.77	7.32	3.99	0.71	0.00	0.00	0.00	0 - 00:00 hrs
962	☐	SWMH-N3-008	8.74	46.76	w Maximum	0.00	0 - 09:41 hrs	0.00	51.37	0.00	8.86	1,333.03	5.80	4.99	0.00	0.00	0.00	6.10	0 - 09:41 hrs
963	☐	SWMH-N3-010	5.54	48.12	Surcharged	0.00	0 - 09:36 hrs	32.55	37.26	1.55	3.17	198.46	6.14	3.54	0.00	0.08	0.41	14.24	0 - 09:59 hrs
964	☐	SWMH-N3-011	5.60	51.28	w Maximum	0.52	0 - 10:21 hrs	0.00	8.33	0.00	2.26	88.77	6.49	3.85	0.52	0.00	0.00	0.00	0 - 00:00 hrs
965	☐	SWMH-N3-012	4.89	51.29	w Maximum	0.00	0 - 09:51 hrs	0.00	8.33	0.00	2.26	121.55	7.46	3.39	0.00	0.00	0.58	0.20	0 - 10:15 hrs
966	☐	SWMH-N3-013	4.90	51.80	Surcharged	0.00	0 - 09:33 hrs	32.66	36.09	1.49	2.75	274.50	11.55	3.40	0.00	0.49	2.01	32.40	0 - 09:59 hrs
967	☐	SWMH-N3-014	9.22	47.62	Surcharged	0.00	0 - 09:41 hrs	49.35	80.94	2.17	9.07	82.52	6.23	5.50	0.00	0.20	0.44	32.27	0 - 09:59 hrs
968	☐	SWMH-N3-019	4.74	49.07	Surcharged	0.00	0 - 09:37 hrs	11.30	11.30	0.42	0.42	16.74	5.75	3.74	0.00	0.07	0.89	8.46	0 - 09:59 hrs
969	☐	SWMH-N3-020	5.90	48.50	w Maximum	0.00	0 - 09:52 hrs	0.00	6.60	0.00	1.33	144.58	7.76	4.40	0.00	0.00	0.42	0.11	0 - 10:04 hrs
970	☐	SWMH-N3-024	10.23	49.53	w Maximum	0.00	0 - 09:51 hrs	11.83	49.05	0.44	7.36	2,091.03	2.36	3.67	0.00	0.00	0.00	15.30	0 - 09:51 hrs
971	☐	SWMH-N3-026	4.80	49.67	Surcharged	0.00	0 - 09:51 hrs	0.00	7.64	0.00	0.15	0.00	5.41	2.95	0.00	0.15	0.83	7.64	0 - 10:12 hrs
972	☐	SWMH-N4-001	5.65	51.22	Surcharged	0.00	0 - 09:51 hrs	18.95	33.42	0.76	1.71	209.61	3.11	3.37	0.00	0.24	0.62	25.50	0 - 09:59 hrs
973	☐	SWMH-N4-002	8.10	50.67	Surcharged	0.00	0 - 09:49 hrs	0.00	81.15	0.00	10.48	323.77	2.80	4.10	0.00	0.00	0.00	9.69	0 - 09:49 hrs
974	☐	SWMH-N4-003	6.80	51.44	w Maximum	0.00	0 - 09:51 hrs	4.83	32.46	0.16	3.57	163.14	2.88	3.72	0.00	0.00	0.09	2.47	0 - 09:51 hrs
975	☐	SWMH-N4-004	6.40	55.17	w Maximum	0.00	0 - 09:52 hrs	0.00	26.50	0.00	3.04	137.81	2.19	3.58	0.00	0.00	0.01	7.21	0 - 09:52 hrs
976	☐	SWMH-N4-005	6.36	55.61	w Maximum	0.00	0 - 09:55 hrs	21.94	26.50	0.90	3.05	120.10	2.33	3.86	0.00	0.00	0.00	0.01	0 - 09:55 hrs
977	☐	SWMH-N4-006	6.15	55.23	w Maximum	0.00	0 - 09:52 hrs	0.00	17.98	0.00	2.23	468.13	3.53	3.98	0.00	0.05	0.35	9.97	0 - 09:59 hrs
978	☐	SWMH-N4-007	6.08	56.01	w Maximum	0.00	0 - 09:48 hrs	58.00	58.00	2.77	2.79	249.52	3.93	4.08	0.00	0.55	1.02	48.92	0 - 09:59 hrs
979	☐	SWMH-N4-008	6.24	56.49	w Maximum	0.63	0 - 09:41 hrs	0.00	2.12	0.00	0.02	34.52	3.52	4.24	0.63	0.00	0.00	0.00	0 - 00:00 hrs
980	☐	SWMH-N4-009	7.52	51.11	w Maximum	0.16	0 - 09:51 hrs	0.00	21.85	0.00	1.42	471.98	3.17	4.95	0.16	0.00	0.00	0.00	0 - 00:00 hrs

FUTURE CONDITIONS 20-YR 24-HR CLIMATE CHANGE JUNCTIONS

		ID	Maximum Depth (ft)	Maximum HGL (ft)	Maximum HGL Head Class	Freeboard (ft)	Max.Depth Day-Time (day-time)	Maximum Lateral Inflow (cfs)	Maximum Total Inflow (cfs)	Lateral Inflow Volume (MG)	Total Inflow Volume (MG)	Flow Volume Difference (MG)	Total Surcharge Time (hrs)	Max.Surchar ge Height Above Crown	Min.Surchar ge Depth Below Rim (ft)	Total Flood Volume (MG)	Total Flood Time (hrs)	Maximum Flood Rate (cfs)	Max.Flood Day-Time (day-time)
981	☐	SWMH-N4-010	7.30	51.56	w Maximum	0.00	0 - 09:49 hrs	15.47	32.35	0.60	1.48	38.88	2.77	4.80	0.00	0.06	0.35	14.54	0 - 09:49 hrs
982	☐	SWMH-N4-011	5.50	51.76	w Maximum	0.00	0 - 09:51 hrs	15.62	35.32	0.61	4.08	598.08	2.84	2.95	0.00	0.10	0.53	13.49	0 - 09:59 hrs
983	☐	SWMH-N4-012	5.28	52.15	Surcharged	0.00	0 - 09:51 hrs	0.00	29.05	0.00	3.47	295.15	2.85	2.73	0.00	0.00	0.02	0.02	0 - 10:02 hrs
984	☐	SWMH-N4-021	7.29	50.53	w Maximum	0.05	0 - 09:51 hrs	10.59	35.53	0.40	2.04	-182.50	3.12	4.40	0.05	0.00	0.00	0.00	0 - 00:00 hrs
985	☐	SWMH-N4-022	6.00	50.67	Surcharged	0.00	0 - 09:49 hrs	0.00	16.86	0.00	0.23	241.16	3.09	4.50	0.00	0.00	0.00	15.92	0 - 09:49 hrs
986	☐	SWMH-N4-025	6.28	57.85	Surcharged	0.00	0 - 09:41 hrs	0.00	1.76	0.00	0.00	0.00	2.85	4.78	0.00	0.00	0.00	1.00	0 - 09:41 hrs
987	☐	SWMH-N4-026	4.50	54.80	Surcharged	0.00	0 - 09:41 hrs	0.00	2.07	0.00	0.03	0.00	2.90	3.25	0.00	0.02	0.58	2.07	0 - 10:11 hrs
988	☐	SWMH-N4-030	7.05	52.10	Surcharged	0.00	0 - 09:51 hrs	0.00	28.48	0.00	0.90	-162.37	2.07	3.28	0.00	0.02	0.23	28.22	0 - 09:51 hrs
989	☐	SWMH-N4-031	5.43	52.33	Surcharged	0.00	0 - 09:48 hrs	82.31	82.31	4.37	4.36	0.00	3.12	2.73	0.00	0.89	1.15	69.50	0 - 10:03 hrs
990	☐	SWMH-N4-032	6.25	51.33	w Maximum	0.00	0 - 09:51 hrs	3.35	48.70	0.10	5.13	-311.02	2.73	3.25	0.00	0.02	0.29	26.87	0 - 09:51 hrs
991	☐	SWMH-N4-033	6.10	55.37	Surcharged	0.00	0 - 09:52 hrs	0.00	18.00	0.00	2.16	37.13	2.74	4.10	0.00	0.00	0.03	0.38	0 - 09:52 hrs
992	☐	SWMH-N5-001	13.19	54.05	w Maximum	8.55	0 - 09:55 hrs	55.74	176.65	2.36	23.04	15,694.11	6.21	4.06	8.55	0.00	0.00	0.00	0 - 00:00 hrs
993	☐	SWMH-N5-003	8.99	54.24	w Maximum	0.26	0 - 09:55 hrs	0.00	30.77	0.00	1.61	5,196.41	47.47	4.99	0.26	0.00	0.00	0.00	0 - 00:00 hrs
994	☐	SWMH-N5-004	8.42	54.25	w Maximum	1.75	0 - 09:55 hrs	0.00	17.72	0.00	1.57	2,765.97	7.85	4.42	1.75	0.00	0.00	0.00	0 - 00:00 hrs
995	☐	SWMH-N5-005	6.47	54.03	w Maximum	0.27	0 - 09:55 hrs	0.00	11.00	0.00	1.55	1,312.88	16.68	4.46	0.27	0.00	0.00	0.00	0 - 00:00 hrs
996	☐	SWMH-N5-007	5.19	53.80	w Maximum	0.00	0 - 09:17 hrs	44.22	44.22	1.97	1.97	0.00	5.40	3.19	0.00	0.44	1.04	42.37	0 - 09:59 hrs
997	☐	SWMH-N5-009	3.43	51.38	Surcharged	0.00	0 - 09:42 hrs	0.00	47.22	0.00	0.53	354.33	1.85	0.68	0.00	0.47	0.79	47.19	0 - 09:59 hrs
998	☐	SWMH-N5-013	6.24	53.39	w Maximum	3.64	0 - 09:59 hrs	0.00	46.85	0.00	0.60	688.38	2.56	3.49	3.64	0.00	0.00	0.00	0 - 00:00 hrs
999	☐	SWMH-N5-015	3.70	53.57	w Maximum	0.00	0 - 09:45 hrs	0.00	9.65	0.00	0.04	0.00	2.07	1.70	0.00	0.04	0.27	9.64	0 - 09:59 hrs
1000	☐	SWMH-N6-001	18.38	56.26	Surcharged	0.00	0 - 00:00 hrs	0.00	383.68	0.00	24.01	12,080.20	47.98	13.25	0.00	0.01	0.00	251.30	0 - 00:00 hrs
1001	☐	SWMH-N6-002	10.67	57.40	w Maximum	1.87	0 - 09:59 hrs	43.14	75.96	2.05	8.76	1,911.39	47.92	7.92	1.87	0.00	0.00	0.00	0 - 00:00 hrs
1002	☐	SWMH-N6-003	10.61	59.11	w Maximum	2.04	0 - 09:57 hrs	0.00	41.88	0.00	6.67	1,870.24	5.11	7.25	2.04	0.00	0.00	0.00	0 - 00:00 hrs
1003	☐	SWMH-N6-004	7.95	61.33	w Maximum	0.00	0 - 09:55 hrs	0.00	4.23	0.00	0.00	0.00	0.53	6.45	0.00	0.00	0.13	3.51	0 - 09:55 hrs
1004	☐	SWMH-N6-005	9.33	61.61	w Maximum	0.15	0 - 09:57 hrs	25.55	25.55	1.01	1.01	54.78	0.58	7.10	0.15	0.00	0.00	0.00	0 - 00:00 hrs
1005	☐	SWMH-N6-006	9.28	54.24	w Maximum	6.65	0 - 09:55 hrs	0.00	28.44	0.00	1.03	636.52	47.96	7.10	6.65	0.00	0.00	0.00	0 - 00:00 hrs
1006	☐	SWMH-N6-013	7.53	54.93	w Maximum	4.07	0 - 09:59 hrs	0.00	36.94	0.00	3.33	461.24	47.97	5.53	4.07	0.00	0.00	0.00	0 - 00:00 hrs
1007	☐	SWMH-N6-014?	7.32	53.27	w Maximum	0.00	0 - 00:00 hrs	0.00	53.11	0.00	3.33	686.07	47.99	4.82	0.00	0.00	0.00	41.14	0 - 00:00 hrs
1008	☐	SWMH-N6-017	12.50	58.53	Surcharged	0.00	0 - 00:01 hrs	0.00	80.13	0.00	8.76	2,049.84	47.94	9.00	0.00	0.00	0.00	36.27	0 - 00:01 hrs
1009	☐	SWMH-N7-003	5.13	57.59	low Link Cro	9.23	0 - 09:57 hrs	0.00	35.58	0.00	7.86	1,567.68	0.00	0.00	0.00	0.00	0.00	0.00	0 - 00:00 hrs
1010	☐	SWMH-N7-004	4.71	57.97	w Maximum	6.53	0 - 09:57 hrs	0.00	24.55	0.00	7.32	898.20	12.82	2.21	6.53	0.00	0.00	0.00	0 - 00:00 hrs
1011	☐	SWMH-N7-005	3.49	59.38	w Maximum	9.12	0 - 09:59 hrs	0.00	24.58	0.00	7.31	272.04	1.75	0.99	9.12	0.00	0.00	0.00	0 - 00:00 hrs
1012	☐	SWMH-N7-006	7.19	68.00	w Maximum	0.00	0 - 09:41 hrs	54.23	65.23	3.02	7.89	1,044.59	11.39	5.19	0.00	0.57	1.73	42.09	0 - 10:03 hrs
1013	☐	SWMH-N7-007	5.50	64.78	w Maximum	0.00	0 - 09:52 hrs	14.17	14.17	0.52	0.52	0.00	0.74	4.00	0.00	0.01	0.17	2.97	0 - 09:59 hrs
1014	☐	SWMH-N8-001	1.94	64.26	low Link Cro	7.74	0 - 10:07 hrs	0.00	25.50	0.00	3.64	140.89	0.00	0.00	0.00	0.00	0.00	0.00	0 - 00:00 hrs
1015	☐	SWMH-N8-002	10.92	80.00	w Maximum	0.00	0 - 09:48 hrs	67.88	67.88	4.08	4.08	0.00	3.94	8.92	0.00	0.43	0.99	42.64	0 - 10:03 hrs
1016	☐	SWMH-N8-003	2.33	69.79	low Link Cro	7.91	0 - 10:04 hrs	0.00	59.24	0.00	3.51	-406.76	0.00	0.00	0.00	0.00	0.00	0.00	0 - 00:00 hrs
1017	☐	SWMH-N8-004	3.21	72.79	low Link Cro	2.21	0 - 10:04 hrs	59.68	59.68	3.52	3.52	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0 - 00:00 hrs
1018	☐	SWMH-N8-005	7.65	71.00	w Maximum	0.00	0 - 08:56 hrs	30.15	47.22	1.46	6.26	1,410.73	14.12	5.65	0.00	1.38	4.95	36.18	0 - 09:59 hrs
1019	☐	SWMH-N8-007	12.71	78.80	Surcharged	0.00	0 - 09:34 hrs	107.11	107.11	6.89	6.89	0.00	13.43	10.71	0.00	2.08	3.94	89.96	0 - 10:03 hrs
1020	☐	SWMH-O1-001	12.60	39.10	Surcharged	-1.20	0 - 11:47 hrs	0.00	222.75	0.00	41.35	36,151.39	34.34	6.06	0.00	0.00	0.00	0.00	0 - 00:00 hrs
1021	☐	SWMH-O2-001	10.28	40.04	Surcharged	-0.04	0 - 11:15 hrs	0.00	92.82	0.00	18.37	18,828.65	32.29	5.46	0.00	0.00	0.00	0.00	0 - 00:00 hrs
1022	☐	SWMH-O2-002	10.58	41.26	Surcharged	-0.26	0 - 09:59 hrs	17.45	92.85	0.66	17.70	16,166.09	31.65	6.08	0.00	0.00	0.00	0.00	0 - 00:00 hrs
1023	☐	SWMH-O2-003	11.37	43.37	Surcharged	-0.37	0 - 09:59 hrs	50.93	122.22	2.24	21.18	32,838.95	29.70	5.85	0.00	0.00	0.00	0.00	0 - 00:00 hrs
1024	☐	SWMH-O2-005	9.09	39.91	w Maximum	2.09	0 - 10:38 hrs	0.00	9.09	0.00	1.66	3,134.73	31.15	4.28	2.09	0.00	0.00	0.00	0 - 00:00 hrs
1025	☐	SWMH-O2-006	8.44	39.99	w Maximum	0.08	0 - 10:51 hrs	15.79	15.79	0.61	1.71	2,006.52	34.66	5.38	0.08	0.00	0.00	0.00	0 - 00:00 hrs
1026	☐	SWMH-O2-007	8.23	40.04	w Maximum	0.00	0 - 09:49 hrs	20.28	37.29	0.84	1.59	756.40	42.10	5.73	0.00	0.12	0.45	19.15	0 - 09:59 hrs
1027	☐	SWMH-O2-008	8.35	40.62	Surcharged	0.00	0 - 09:53 hrs	19.41	19.41	0.76	0.76	0.00	39.98	6.10	0.00	0.00	0.15	2.38	0 - 09:59 hrs
1028	☐	SWMH-O2-009	7.20	42.07	Surcharged	0.00	0 - 09:45 hrs	0.00	76.81	0.00	4.89	3,012.90	20.76	3.63	0.00	2.01	2.08	76.77	0 - 09:59 hrs
1029	☐	SWMH-O2-013	7.39	43.27	w Maximum	1.13	0 - 09:49 hrs	0.00	34.55	0.00	5.83	43.38	7.33	3.18	1.13	0.00	0.00	0.00	0 - 00:00 hrs

FUTURE CONDITIONS 20-YR 24-HR CLIMATE CHANGE JUNCTIONS

		ID	Maximum Depth (ft)	Maximum HGL (ft)	Maximum HGL Head Class	Freeboard (ft)	Max.Depth Day-Time (day-time)	Maximum Lateral Inflow (cfs)	Maximum Total Inflow (cfs)	Lateral Inflow Volume (MG)	Total Inflow Volume (MG)	Flow Volume Difference (MG)	Total Surcharge Time (hrs)	Max.Surchar ge Height Above Crown	Min.Surchar ge Depth Below Rim (ft)	Total Flood Volume (MG)	Total Flood Time (hrs)	Maximum Flood Rate (cfs)	Max.Flood Day-Time (day-time)
1030	☐	SWMH-O2-014	12.03	43.25	Maximum	1.31	0 - 09:49 hrs	0.00	141.90	0.00	26.81	18,279.71	10.10	3.89	1.31	0.00	0.00	0.00	0 - 00:00 hrs
1031	☐	SWMH-O2-016	8.08	39.76	Surcharged	0.00	0 - 09:33 hrs	0.00	25.27	0.00	1.50	0.00	33.89	5.08	0.00	0.39	1.56	25.26	0 - 09:59 hrs
1032	☐	SWMH-O3-002	7.57	44.79	Maximum	0.27	0 - 09:49 hrs	0.34	23.05	0.01	2.36	1,662.11	7.57	4.73	0.27	0.00	0.00	0.00	0 - 00:00 hrs
1033	☐	SWMH-O3-005	8.50	49.24	Maximum	0.00	0 - 09:49 hrs	19.09	33.88	0.73	2.45	317.96	3.90	5.75	0.00	0.00	0.00	7.32	0 - 09:49 hrs
1034	☐	SWMH-O3-006	7.46	49.17	Maximum	0.06	0 - 09:52 hrs	0.00	19.52	0.00	1.72	67.54	3.36	4.71	0.06	0.00	0.00	0.00	0 - 00:00 hrs
1035	☐	SWMH-O3-007	6.58	49.36	Maximum	0.00	0 - 09:51 hrs	0.00	39.81	0.00	1.14	396.14	2.54	3.80	0.00	0.00	0.00	15.17	0 - 09:51 hrs
1036	☐	SWMH-O3-008	6.90	49.25	Maximum	0.45	0 - 09:52 hrs	0.00	9.76	0.00	0.59	16.68	3.43	4.85	0.45	0.00	0.00	0.00	0 - 00:00 hrs
1037	☐	SWMH-O3-009	6.74	49.35	Surcharged	0.00	0 - 09:52 hrs	0.00	15.31	0.00	0.59	45.61	3.17	4.66	0.00	0.00	0.00	9.01	0 - 09:52 hrs
1038	☐	SWMH-O3-010	12.37	43.68	Maximum	1.28	0 - 09:53 hrs	4.26	141.86	0.15	15.35	9,959.21	29.97	6.86	1.28	0.00	0.00	0.00	0 - 00:00 hrs
1039	☐	SWMH-O3-013	13.06	45.22	Maximum	0.00	0 - 09:45 hrs	38.13	145.84	1.75	15.42	15,496.09	27.69	7.56	0.00	0.02	0.17	8.80	0 - 09:59 hrs
1040	☐	SWMH-O3-014	13.18	46.58	Maximum	0.12	0 - 09:55 hrs	0.00	107.88	0.00	13.77	3,547.77	14.98	7.68	0.12	0.00	0.00	0.00	0 - 00:00 hrs
1041	☐	SWMH-O3-015	13.18	46.68	Maximum	0.00	0 - 09:45 hrs	0.00	107.77	0.00	13.79	3,063.05	19.60	8.18	0.00	0.00	0.00	1.00	0 - 09:45 hrs
1042	☐	SWMH-O3-016	13.25	48.66	Maximum	0.00	0 - 09:45 hrs	36.91	107.82	1.62	13.84	1,368.06	7.23	8.25	0.00	0.00	0.00	0.91	0 - 09:45 hrs
1043	☐	SWMH-O3-017	13.38	49.21	Maximum	0.42	0 - 09:45 hrs	0.00	82.83	0.00	12.25	2,858.51	7.44	8.88	0.42	0.00	0.00	0.00	0 - 00:00 hrs
1044	☐	SWMH-O3-018	12.30	49.88	Maximum	0.00	0 - 09:45 hrs	23.01	82.84	0.98	12.25	516.33	4.62	7.30	0.00	0.00	0.00	21.68	0 - 09:45 hrs
1045	☐	SWMH-O3-019	9.36	49.17	Maximum	0.68	0 - 09:55 hrs	0.00	75.53	0.00	11.28	920.48	3.51	4.84	0.68	0.00	0.00	0.00	0 - 00:00 hrs
1046	☐	SWMH-O3-020	7.85	45.99	Surcharged	0.00	0 - 09:47 hrs	0.00	135.20	0.00	19.83	5,303.61	7.77	3.35	0.00	1.96	2.16	87.96	0 - 09:59 hrs
1047	☐	SWMH-O3-021	8.62	47.13	Maximum	1.33	0 - 09:59 hrs	48.63	143.24	2.32	20.23	1,377.91	7.52	4.12	1.33	0.00	0.00	0.00	0 - 00:00 hrs
1048	☐	SWMH-O3-022	9.02	48.55	Maximum	0.00	0 - 09:47 hrs	12.98	149.10	1.12	18.35	4,227.88	6.37	4.02	0.00	0.60	0.98	54.38	0 - 09:59 hrs
1049	☐	SWMH-O3-025	7.82	49.18	Maximum	0.01	0 - 10:00 hrs	0.00	15.97	0.00	1.75	6.13	4.03	5.61	0.01	0.00	0.00	0.00	0 - 00:00 hrs
1050	☐	SWMH-O3-031	6.53	49.40	Surcharged	0.00	0 - 09:47 hrs	0.00	4.45	0.00	0.32	-21.68	6.39	4.78	0.00	0.00	0.05	3.38	0 - 09:47 hrs
1051	☐	SWMH-O3-032	5.82	49.42	Surcharged	0.00	0 - 09:48 hrs	0.00	6.62	0.00	0.34	-33.11	5.95	4.19	0.00	0.03	0.83	6.23	0 - 09:48 hrs
1052	☐	SWMH-O3-033	5.46	49.86	Maximum	0.00	0 - 09:48 hrs	10.85	10.85	0.39	0.40	98.55	5.40	3.60	0.00	0.01	0.28	3.76	0 - 09:48 hrs
1053	☐	SWMH-O3-034	5.60	45.85	Maximum	0.00	0 - 09:47 hrs	12.22	20.26	0.45	0.84	0.00	8.88	4.10	0.00	0.61	2.56	20.24	0 - 09:59 hrs
1054	☐	SWMH-O3-036	7.45	49.19	Surcharged	0.00	0 - 09:48 hrs	21.02	22.89	0.88	1.20	186.95	7.26	5.43	0.00	0.12	0.70	15.44	0 - 09:59 hrs
1055	☐	SWMH-O4-001	7.98	49.33	Maximum	0.91	0 - 09:53 hrs	0.00	61.43	0.00	9.54	444.85	3.13	3.91	0.91	0.00	0.00	0.00	0 - 00:00 hrs
1056	☐	SWMH-O4-002	7.15	52.76	Maximum	0.00	0 - 09:51 hrs	0.00	29.85	0.00	3.43	-73.22	2.68	4.08	0.00	0.00	0.00	1.05	0 - 09:52 hrs
1057	☐	SWMH-O4-003	8.32	54.58	Maximum	0.00	0 - 09:51 hrs	6.24	29.87	0.21	3.43	-57.49	2.58	5.25	0.00	0.00	0.00	9.43	0 - 09:51 hrs
1058	☐	SWMH-O4-004	9.10	56.03	Surcharged	0.00	0 - 09:51 hrs	5.81	26.22	0.19	3.22	238.18	2.39	6.10	0.00	0.00	0.00	11.43	0 - 09:51 hrs
1059	☐	SWMH-O4-005	7.25	54.81	Surcharged	0.00	0 - 09:52 hrs	0.00	24.99	0.00	3.03	288.64	2.45	4.43	0.00	0.00	0.00	2.76	0 - 09:52 hrs
1060	☐	SWMH-O4-006	6.92	53.47	Surcharged	0.00	0 - 09:48 hrs	28.65	69.02	1.33	6.99	926.37	4.96	3.86	0.00	0.79	1.33	52.05	0 - 09:59 hrs
1061	☐	SWMH-O4-007	6.95	55.58	Maximum	0.00	0 - 09:49 hrs	39.69	54.71	1.70	4.67	721.38	3.67	3.90	0.00	0.00	0.00	12.17	0 - 09:49 hrs
1062	☐	SWMH-O4-008	7.57	56.45	Maximum	0.65	0 - 09:51 hrs	0.00	19.84	0.00	2.98	510.20	3.31	4.24	0.65	0.00	0.00	0.00	0 - 00:00 hrs
1063	☐	SWMH-O4-010	6.15	54.20	Maximum	0.00	0 - 09:48 hrs	0.00	11.33	0.00	1.19	156.48	4.81	4.15	0.00	0.00	0.06	6.17	0 - 09:48 hrs
1064	☐	SWMH-O4-013	7.90	49.65	Surcharged	0.00	0 - 09:47 hrs	0.00	16.00	0.00	1.75	132.77	3.99	5.72	0.00	0.00	0.00	3.77	0 - 09:47 hrs
1065	☐	SWMH-O4-014	7.68	49.67	Surcharged	0.00	0 - 09:47 hrs	0.00	16.02	0.00	1.75	-4.89	3.85	5.47	0.00	0.00	0.02	3.00	0 - 09:47 hrs
1066	☐	SWMH-O4-015	7.51	50.11	Maximum	0.00	0 - 09:47 hrs	41.81	41.81	2.03	2.03	0.00	3.58	5.13	0.00	0.28	0.79	31.29	0 - 09:59 hrs
1067	☐	SWMH-O4-016	7.40	54.35	Surcharged	0.00	0 - 09:48 hrs	26.72	28.12	1.13	1.31	219.05	4.13	5.90	0.00	0.25	1.05	22.87	0 - 09:59 hrs
1068	☐	SWMH-O4-018	5.58	58.50	Surcharged	0.00	0 - 09:51 hrs	0.00	2.79	0.00	0.73	337.11	7.33	4.58	0.00	0.00	0.01	0.06	0 - 09:51 hrs
1069	☐	SWMH-O4-019	4.55	49.85	Surcharged	0.00	0 - 09:48 hrs	0.00	4.09	0.00	0.00	0.00	2.78	3.55	0.00	0.00	0.00	4.00	0 - 09:48 hrs
1070	☐	SWMH-O4-020	7.60	49.34	Surcharged	0.00	0 - 09:49 hrs	24.77	95.67	1.07	10.06	595.47	2.86	3.20	0.00	0.51	0.65	58.24	0 - 09:59 hrs
1071	☐	SWMH-O4-023	5.05	56.11	Surcharged	0.00	0 - 09:49 hrs	14.05	14.05	0.52	0.52	0.00	3.55	3.80	0.00	0.09	0.75	11.16	0 - 09:59 hrs
1072	☐	SWMH-O4-025	5.90	56.32	Surcharged	0.00	0 - 09:51 hrs	0.00	8.88	0.00	0.01	0.00	3.28	4.15	0.00	0.00	0.01	7.99	0 - 09:51 hrs
1073	☐	SWMH-O4-026	7.72	56.69	Surcharged	0.00	0 - 09:51 hrs	0.00	18.01	0.00	0.84	37.37	3.04	3.80	0.00	0.00	0.01	16.12	0 - 09:51 hrs
1074	☐	SWMH-O4-030	4.85	56.41	Surcharged	0.00	0 - 09:51 hrs	9.25	9.25	0.32	0.33	64.62	3.29	3.75	0.00	0.02	0.37	5.11	0 - 09:59 hrs
1075	☐	SWMH-O5-001	12.46	54.56	Maximum	4.19	0 - 09:55 hrs	0.00	126.26	0.00	18.89	8,046.55	47.86	7.45	4.19	0.00	0.00	0.00	0 - 00:00 hrs
1076	☐	SWMH-O5-002	12.46	55.31	Maximum	2.19	0 - 09:55 hrs	0.00	126.21	0.00	18.84	9,826.75	47.71	7.17	2.19	0.00	0.00	0.00	0 - 00:00 hrs
1077	☐	SWMH-O5-003	12.20	56.33	Maximum	3.07	0 - 09:55 hrs	0.00	111.17	0.00	16.73	13,303.64	46.89	7.01	3.07	0.00	0.00	0.00	0 - 00:00 hrs
1078	☐	SWMH-O5-004	11.96	56.90	Maximum	0.94	0 - 09:55 hrs	0.00	111.17	0.00	16.62	7,369.76	9.78	6.95	0.94	0.00	0.00	0.00	0 - 00:00 hrs

FUTURE CONDITIONS 20-YR 24-HR CLIMATE CHANGE JUNCTIONS

		ID	Maximum Depth (ft)	Maximum HGL (ft)	Maximum HGL Head Class	Freeboard (ft)	Max.Depth Day-Time (day-time)	Maximum Lateral Inflow (cfs)	Maximum Total Inflow (cfs)	Lateral Inflow Volume (MG)	Total Inflow Volume (MG)	Flow Volume Difference (MG)	Total Surcharge Time (hrs)	Max.Surchar ge Height Above Ground	Min.Surchar ge Depth Below Rim (ft)	Total Flood Volume (MG)	Total Flood Time (hrs)	Maximum Flood Rate (cfs)	Max.Flood Day-Time (day-time)
1079	☐	SWMH-O5-005	11.79	57.42	Maximum	0.26	0 - 10:02 hrs	0.00	111.21	0.00	16.54	4,579.41	5.90	6.64	0.26	0.00	0.00	0.00	0 - 00:00 hrs
1080	☐	SWMH-O5-006	11.50	57.68	Surcharged	0.00	0 - 09:45 hrs	0.00	189.75	0.00	17.30	3,974.57	4.94	6.42	0.00	0.81	0.67	88.26	0 - 10:03 hrs
1081	☐	SWMH-O5-007	11.72	58.78	Maximum	0.72	0 - 09:59 hrs	93.83	189.77	5.02	17.25	3,432.53	3.94	6.72	0.72	0.00	0.00	0.00	0 - 00:00 hrs
1082	☐	SWMH-O5-009	5.50	57.63	Maximum	0.00	0 - 09:49 hrs	0.00	16.04	0.00	1.18	454.36	3.13	3.10	0.00	0.09	1.15	15.45	0 - 09:49 hrs
1083	☐	SWMH-O5-010	8.40	59.83	Surcharged	0.00	0 - 09:51 hrs	23.70	23.70	0.91	2.22	0.00	4.10	4.85	0.00	0.00	0.00	0.02	0 - 09:55 hrs
1084	☐	SWMH-O5-013	4.90	58.05	Maximum	0.00	0 - 09:49 hrs	33.59	33.59	1.51	1.51	0.00	3.30	3.15	0.00	0.33	1.33	27.66	0 - 09:59 hrs
1085	☐	SWMH-O5-014	6.20	59.46	Surcharged	0.00	0 - 09:51 hrs	0.00	17.32	0.00	2.14	220.11	4.16	4.55	0.00	0.10	0.51	15.16	0 - 09:59 hrs
1086	☐	SWMH-O5-015	5.90	59.78	Maximum	0.00	0 - 09:33 hrs	24.73	24.73	0.96	0.96	0.00	11.62	4.90	0.00	0.29	1.79	23.75	0 - 09:59 hrs
1087	☐	SWMH-O5-019	5.90	59.96	Surcharged	0.00	0 - 09:40 hrs	45.22	45.22	1.93	1.93	0.00	5.44	4.38	0.00	0.52	1.54	41.71	0 - 09:59 hrs
1088	☐	SWMH-O5-021	9.80	55.90	Surcharged	0.00	0 - 09:45 hrs	0.00	15.79	0.00	2.04	806.92	47.68	7.60	0.00	0.00	0.02	0.10	0 - 09:45 hrs
1089	☐	SWMH-O5-022	9.80	57.12	Surcharged	0.00	0 - 09:45 hrs	0.00	15.79	0.00	2.03	745.17	46.75	7.78	0.00	0.00	0.00	0.04	0 - 09:45 hrs
1090	☐	SWMH-O5-023	9.42	57.56	Maximum	0.00	0 - 09:45 hrs	47.02	47.02	2.32	2.33	395.66	8.22	7.34	0.00	0.30	0.76	33.38	0 - 10:03 hrs
1091	☐	SWMH-O5-024	5.70	58.41	Maximum	0.12	0 - 09:45 hrs	0.00	1.77	0.00	0.00	0.00	2.01	3.70	0.12	0.00	0.00	0.00	0 - 00:00 hrs
1092	☐	SWMH-O6-005	11.20	62.91	Maximum	0.00	0 - 09:41 hrs	155.88	155.88	7.92	7.92	0.00	3.98	8.45	0.00	1.28	1.03	122.77	0 - 10:03 hrs
1093	☐	SWMH-O6-006	10.95	58.65	Surcharged	0.00	0 - 00:03 hrs	0.00	67.65	0.00	11.99	7,540.13	47.89	7.40	0.00	0.00	0.00	15.82	0 - 00:03 hrs
1094	☐	SWMH-O6-007	11.48	59.57	Surcharged	0.00	0 - 00:04 hrs	0.00	59.93	0.00	11.93	3,711.87	47.83	7.80	0.00	0.00	0.00	20.13	0 - 00:04 hrs
1095	☐	SWMH-O6-008	10.50	59.03	Maximum	0.00	0 - 00:06 hrs	106.42	118.71	5.74	12.54	4,952.84	47.80	7.00	0.00	0.64	0.81	69.28	0 - 10:03 hrs
1096	☐	SWMH-O6-009	9.62	59.49	Maximum	2.48	0 - 10:12 hrs	0.00	27.12	0.00	6.75	2,343.34	47.71	6.52	2.48	0.00	0.00	0.00	0 - 00:00 hrs
1097	☐	SWMH-O7-001	12.48	63.45	Maximum	0.72	0 - 10:00 hrs	24.50	173.89	0.99	15.48	8,244.84	0.33	4.93	0.72	0.00	0.00	0.00	0 - 00:00 hrs
1098	☐	SWMH-O7-002	15.40	64.27	Maximum	0.00	0 - 00:00 hrs	0.00	183.05	0.00	16.47	6,306.10	47.96	10.40	0.00	0.00	0.00	120.49	0 - 00:00 hrs
1099	☐	SWMH-O7-004	9.75	59.62	Surcharged	0.00	0 - 00:00 hrs	0.00	101.32	0.00	0.81	2,263.86	47.97	6.82	0.00	0.01	0.01	84.10	0 - 00:00 hrs
1100	☐	SWMH-O7-005	9.00	64.11	Maximum	0.00	0 - 09:45 hrs	27.48	27.48	1.13	1.13	0.00	6.04	7.75	0.00	0.18	0.86	20.74	0 - 09:59 hrs
1101	☐	SWMH-O7-006	6.74	59.47	Maximum	4.58	0 - 00:02 hrs	0.00	19.33	0.00	0.96	517.06	47.93	4.99	4.58	0.00	0.00	0.00	0 - 00:00 hrs
1102	☐	SWMH-O8-001	4.47	63.40	Maximum	6.60	0 - 10:06 hrs	0.00	45.65	0.00	8.12	1,574.39	0.11	1.47	6.60	0.00	0.00	0.00	0 - 00:00 hrs
1103	☐	SWMH-O8-002	10.92	63.57	Maximum	0.28	0 - 10:00 hrs	0.00	110.75	0.00	6.21	2,232.26	0.86	5.91	0.28	0.00	0.00	0.00	0 - 00:00 hrs
1104	☐	SWMH-O8-003	10.99	62.83	Maximum	2.31	0 - 10:00 hrs	0.00	110.89	0.00	6.30	6,545.09	1.24	5.99	2.31	0.00	0.00	0.00	0 - 00:00 hrs
1105	☐	SWMH-O8-004	11.61	64.94	Maximum	0.99	0 - 10:00 hrs	0.00	110.57	0.00	6.16	1,881.70	0.70	6.61	0.99	0.00	0.00	0.00	0 - 00:00 hrs
1106	☐	SWMH-O8-005	11.20	65.20	Surcharged	0.00	0 - 10:00 hrs	0.00	110.38	0.00	6.11	1,233.96	0.57	6.20	0.00	0.00	0.00	3.89	0 - 10:00 hrs
1107	☐	SWMH-O8-006	12.00	66.83	Maximum	0.78	0 - 10:00 hrs	0.00	110.29	0.00	6.09	-231.86	0.44	6.92	0.78	0.00	0.00	0.00	0 - 00:00 hrs
1108	☐	SWMH-O8-007	12.52	68.34	Maximum	1.78	0 - 10:00 hrs	52.76	110.26	2.56	6.07	332.14	0.27	7.42	1.78	0.00	0.00	0.00	0 - 00:00 hrs
1109	☐	SWMH-O8-009	1.62	64.17	Flow Link Cro	9.83	0 - 10:02 hrs	0.00	58.64	0.00	3.51	250.04	0.00	0.00	0.00	0.00	0.00	0.00	0 - 00:00 hrs
1110	☐	SWMH-O8-010	8.15	77.30	Surcharged	0.00	0 - 09:41 hrs	92.71	92.71	5.74	5.74	0.00	6.42	6.15	0.00	1.25	2.51	72.91	0 - 10:03 hrs
1111	☐	SWMH-O8-011	1.28	57.91	Flow Link Cro	5.90	0 - 09:59 hrs	6.23	6.23	0.20	0.20	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0 - 00:00 hrs
1112	☐	SWMH-O8-012	1.74	59.03	Flow Link Cro	5.26	0 - 10:04 hrs	0.00	13.68	0.00	0.54	181.64	0.00	0.00	0.00	0.00	0.00	0.00	0 - 00:00 hrs
1113	☐	SWMH-O8-013	2.33	57.43	Flow Link Cro	7.07	0 - 10:04 hrs	0.00	18.33	0.00	0.76	36.24	0.00	0.00	0.00	0.00	0.00	0.00	0 - 00:00 hrs
1114	☐	SWMH-O8-014	1.61	59.61	Flow Link Cro	5.29	0 - 10:04 hrs	11.49	14.44	0.43	0.54	39.61	0.00	0.00	0.00	0.00	0.00	0.00	0 - 00:00 hrs
1115	☐	SWMH-O8-015	1.42	57.76	Flow Link Cro	7.23	0 - 10:06 hrs	0.00	13.34	0.00	0.54	-11.26	0.00	0.00	0.00	0.00	0.00	0.00	0 - 00:00 hrs
1116	☐	SWMH-O8-016	0.79	59.74	Flow Link Cro	5.01	0 - 10:04 hrs	0.00	3.32	0.00	0.11	15.09	0.00	0.00	0.00	0.00	0.00	0.00	0 - 00:00 hrs
1117	☐	SWMH-O8-017	0.84	59.91	Flow Link Cro	5.56	0 - 09:59 hrs	0.00	3.33	0.00	0.11	-6.93	0.00	0.00	0.00	0.00	0.00	0.00	0 - 00:00 hrs
1118	☐	SWMH-O8-018	0.71	60.42	Flow Link Cro	6.14	0 - 09:59 hrs	3.43	3.43	0.11	0.11	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0 - 00:00 hrs
1119	☐	SWMH-O8-019	4.75	56.90	Flow Link Cro	5.87	0 - 10:04 hrs	0.00	33.60	0.00	0.79	1,176.79	0.00	0.00	0.00	0.00	0.00	0.00	0 - 00:00 hrs
1120	☐	SWMH-P3-001	10.06	45.76	Maximum	0.14	0 - 09:59 hrs	24.14	75.88	1.03	18.85	3,814.55	8.62	4.41	0.14	0.00	0.00	0.00	0 - 00:00 hrs
1121	☐	SWMH-P3-004	10.84	51.33	Maximum	0.00	0 - 09:47 hrs	36.89	101.32	1.69	12.76	-1,826.04	6.17	6.34	0.00	0.00	0.00	33.26	0 - 09:47 hrs
1122	☐	SWMH-P4-002	12.10	54.29	Maximum	0.00	0 - 09:48 hrs	20.80	64.44	0.80	11.08	2,028.44	5.49	7.60	0.00	0.00	0.00	32.31	0 - 09:48 hrs
1123	☐	SWMH-P4-003	14.01	56.72	Surcharged	0.00	0 - 09:48 hrs	0.00	59.34	0.00	10.31	2,984.40	5.63	10.01	0.00	0.00	0.00	15.61	0 - 09:48 hrs
1124	☐	SWMH-P4-007	14.09	58.77	Maximum	0.23	0 - 09:55 hrs	20.64	36.90	0.80	4.18	939.26	6.23	11.59	0.23	0.00	0.00	0.00	0 - 00:00 hrs
1125	☐	SWMH-P4-009	8.05	57.45	Maximum	0.00	0 - 09:48 hrs	24.65	52.97	1.04	3.06	42.58	3.82	5.20	0.00	0.52	0.90	52.92	0 - 09:59 hrs
1126	☐	SWMH-P5-001	12.00	60.09	Maximum	0.80	0 - 09:55 hrs	65.70	98.11	3.15	12.19	1,978.03	3.69	7.50	0.80	0.00	0.00	0.00	0 - 00:00 hrs
1127	☐	SWMH-P5-002	9.68	60.19	Maximum	3.81	0 - 09:55 hrs	0.00	51.56	0.00	8.97	219.16	2.56	5.18	3.81	0.00	0.00	0.00	0 - 00:00 hrs

FUTURE CONDITIONS 20-YR 24-HR CLIMATE CHANGE JUNCTIONS

		ID	Maximum Depth (ft)	Maximum HGL (ft)	Maximum HGL Head Class	Freeboard (ft)	Max.Depth Day-Time (day-time)	Maximum Lateral Inflow (cfs)	Maximum Total Inflow (cfs)	Lateral Inflow Volume (MG)	Total Inflow Volume (MG)	Flow Volume Difference (MG)	Total Surcharge Time (hrs)	Max.Surchar ge Height Above Ground	Min.Surchar ge Depth Below Rim (ft)	Total Flood Volume (MG)	Total Flood Time (hrs)	Maximum Flood Rate (cfs)	Max.Flood Day-Time (day-time)
1128	☐	SWMH-P5-003	8.78	60.00	w Maximum	0.00	0 - 09:45 hrs	60.99	92.45	3.09	9.38	963.03	2.35	4.28	0.00	0.40	0.46	62.17	0 - 10:03 hrs
1129	☐	SWMH-P5-005	8.85	61.25	w Maximum	0.00	0 - 09:44 hrs	61.41	61.41	3.17	6.59	751.26	3.02	5.85	0.00	0.02	0.18	7.69	0 - 10:03 hrs
1130	☐	SWMH-P5-006	4.71	59.82	w Maximum	0.00	0 - 09:47 hrs	84.79	107.01	4.62	4.89	0.00	2.39	1.71	0.00	1.49	1.07	106.95	0 - 10:03 hrs
1131	☐	SWMH-P5-008	13.95	59.54	w Maximum	0.00	0 - 09:40 hrs	21.87	21.87	0.86	0.86	0.00	5.86	11.70	0.00	0.01	0.18	5.57	0 - 09:59 hrs
1132	☐	SWMH-P5-014	7.00	58.01	w Maximum	0.00	0 - 09:48 hrs	22.32	22.32	0.90	0.90	0.00	3.41	4.69	0.00	0.03	0.27	14.22	0 - 09:48 hrs
1133	☐	SWMH-P6-001	15.39	68.87	Surcharged	0.00	0 - 09:45 hrs	0.00	24.19	0.00	3.68	-2,153.48	2.72	12.39	0.00	0.00	0.00	12.18	0 - 09:45 hrs
1134	☐	SWMH-P6-002	8.69	59.68	w Maximum	4.81	0 - 10:12 hrs	0.00	23.91	0.00	6.75	3,418.98	28.83	4.82	4.81	0.00	0.00	0.00	0 - 00:00 hrs
1135	☐	SWMH-P6-003	8.02	59.73	w Maximum	5.88	0 - 10:12 hrs	0.00	11.95	0.00	2.44	2,062.70	47.35	5.52	5.88	0.00	0.00	0.00	0 - 00:00 hrs
1136	☐	SWMH-P6-004	7.20	59.61	Surcharged	0.00	0 - 09:33 hrs	0.00	33.21	0.00	3.09	2,228.69	13.14	4.20	0.00	0.67	1.62	28.31	0 - 10:03 hrs
1137	☐	SWMH-P6-005	4.53	69.04	w Maximum	3.87	0 - 09:53 hrs	0.00	35.51	0.00	3.06	352.50	0.82	2.03	3.87	0.00	0.00	0.00	0 - 00:00 hrs
1138	☐	SWMH-P6-006	11.46	62.88	Surcharged	0.00	0 - 00:15 hrs	26.33	28.46	1.18	3.49	4,745.83	47.49	8.46	0.00	0.00	0.00	13.84	0 - 00:15 hrs
1139	☐	SWMH-P6-008	14.65	64.19	Surcharged	0.00	0 - 00:07 hrs	41.50	111.12	1.79	9.43	15,291.19	47.73	9.65	0.00	0.00	0.00	36.73	0 - 00:07 hrs
1140	☐	SWMH-P6-010	8.63	60.48	Surcharged	0.00	0 - 00:12 hrs	88.83	88.83	4.50	5.92	0.00	47.60	6.85	0.00	0.94	1.50	73.54	0 - 10:03 hrs
1141	☐	SWMH-P7-001	11.53	59.07	w Maximum	0.00	0 - 00:02 hrs	0.00	201.89	0.00	9.69	9,160.60	47.92	6.53	0.00	0.00	0.01	52.26	0 - 00:02 hrs
1142	☐	SWMH-P7-002	12.12	59.86	w Maximum	3.08	0 - 00:07 hrs	0.00	209.41	0.00	9.61	5,002.09	47.92	7.12	3.08	0.00	0.00	0.00	0 - 00:00 hrs
1143	☐	SWMH-P7-003	8.60	56.90	w Maximum	0.00	0 - 00:02 hrs	0.00	23.83	0.00	2.10	442.51	47.92	6.10	0.00	0.00	0.03	13.51	0 - 00:02 hrs
1144	☐	SWMH-P7-004	8.00	57.26	w Maximum	0.00	0 - 00:03 hrs	0.00	23.85	0.00	2.10	953.15	47.90	6.00	0.00	0.00	0.00	20.09	0 - 00:03 hrs
1145	☐	SWMH-P7-005	7.40	57.47	w Maximum	0.00	0 - 00:04 hrs	0.00	16.94	0.00	2.09	1,035.99	47.85	5.40	0.00	0.00	0.00	8.87	0 - 00:04 hrs
1146	☐	SWMH-P7-006	6.10	56.33	Surcharged	0.00	0 - 00:07 hrs	0.00	14.26	0.00	2.74	2,406.69	47.76	4.10	0.00	1.30	14.09	12.91	0 - 00:07 hrs
1147	☐	SWMH-Q6-002	8.80	61.42	w Maximum	0.00	0 - 00:18 hrs	0.00	23.28	0.00	2.34	3,043.04	47.38	6.05	0.00	0.00	0.00	6.07	0 - 00:18 hrs
1148	☐	SWMH-Q6-003	6.80	59.73	w Maximum	0.00	0 - 09:40 hrs	0.00	31.32	0.00	2.64	1,149.98	47.38	4.30	0.00	0.38	1.06	31.29	0 - 09:59 hrs
1149	☐	SWMH-Q6-004	6.61	61.27	w Maximum	0.87	0 - 09:48 hrs	0.00	19.31	0.00	2.54	493.57	7.62	4.11	0.87	0.00	0.00	0.00	0 - 00:00 hrs
1150	☐	SWMH-Q6-005	8.78	64.58	Surcharged	0.00	0 - 09:47 hrs	0.00	23.24	0.00	2.58	115.34	6.20	6.78	0.00	0.07	0.72	4.03	0 - 10:15 hrs
1151	☐	SWMH-Q6-006	9.10	65.48	Surcharged	0.00	0 - 09:48 hrs	60.56	60.56	2.86	2.86	0.00	4.50	7.10	0.00	0.28	0.58	37.23	0 - 09:59 hrs
1152	☐	SWMH-Q6-007	5.95	59.21	w Maximum	0.00	0 - 00:16 hrs	0.00	12.14	0.00	1.47	570.92	47.44	3.56	0.00	0.14	0.87	12.14	0 - 10:03 hrs
1153	☐	SWMH-Q6-008	10.14	60.58	w Maximum	4.16	0 - 09:55 hrs	33.11	69.49	1.50	7.54	17,372.37	47.52	5.64	4.16	0.00	0.00	0.00	0 - 00:00 hrs
1154	☐	SWMH-Q6-010	8.00	59.67	w Maximum	0.00	0 - 00:15 hrs	0.00	26.43	0.00	2.58	5,475.76	47.50	4.90	0.00	0.07	0.29	16.16	0 - 09:59 hrs
1155	☐	SWMH-Q6-011	10.53	64.16	Surcharged	0.00	0 - 00:16 hrs	27.33	27.33	1.22	1.22	0.00	47.44	8.53	0.00	0.03	0.23	7.97	0 - 09:59 hrs
1156	☐	SWMH-Q7-001	14.66	60.30	w Maximum	0.00	0 - 00:00 hrs	0.00	360.97	0.00	9.97	10,504.57	47.97	8.66	0.00	0.02	0.00	296.03	0 - 00:00 hrs
1157	☐	SWMH-Q7-002	11.95	64.99	w Maximum	0.00	0 - 00:03 hrs	0.00	83.65	0.00	2.75	6,803.26	47.87	7.95	0.00	0.00	0.00	60.18	0 - 00:03 hrs
1158	☐	SWMH-Q7-003	11.01	64.16	w Maximum	1.24	0 - 00:03 hrs	0.00	87.20	0.00	2.80	0.00	47.87	7.01	1.24	0.00	0.00	0.00	0 - 00:00 hrs
1159	☐	SWMH-R7-001	4.00	61.11	Surcharged	0.00	0 - 00:08 hrs	65.61	65.61	3.32	3.32	0.00	8.46	2.00	0.00	0.64	1.48	52.84	0 - 10:03 hrs
1160	☐	SWMH-R7-002	3.90	60.84	w Maximum	0.00	0 - 00:08 hrs	0.00	12.73	0.00	2.69	303.26	9.05	1.90	0.00	0.03	1.60	1.57	0 - 00:09 hrs
1161	☐	SWMH-R7-003	4.14	60.60	w Maximum	0.56	0 - 00:09 hrs	0.00	12.00	0.00	2.67	733.46	31.25	2.13	0.56	0.00	0.00	0.00	0 - 00:00 hrs
1162	☐	SWMH-R7-004	4.37	60.46	w Maximum	0.33	0 - 00:09 hrs	0.00	15.00	0.00	2.67	333.93	47.76	2.37	0.33	0.00	0.00	0.00	0 - 00:00 hrs
1163	☐	SWMH-R7-006?	4.56	60.18	w Maximum	0.99	0 - 00:09 hrs	0.00	22.06	0.00	2.68	931.36	47.81	2.51	0.99	0.00	0.00	0.00	0 - 00:00 hrs
1164	☐	SWMH-R7-007	7.62	62.36	w Maximum	0.00	0 - 00:05 hrs	0.00	28.87	0.00	2.69	0.00	47.83	4.19	0.00	0.00	0.00	11.27	0 - 00:05 hrs
1165	☐	SWMH-R7-008	7.10	61.85	w Maximum	0.40	0 - 00:05 hrs	0.00	42.70	0.00	2.71	1,871.93	47.84	4.10	0.40	0.00	0.00	0.00	0 - 00:00 hrs
1166	☐	WESTRIDGE_OTL_1	7.20	47.70	Surcharged	-6.20	0 - 10:07 hrs	0.00	10.04	0.00	4.80	120.34	47.97	5.70	0.00	0.00	0.00	0.00	0 - 00:00 hrs
1167	☐	WESTRIDGE_OTL_2	4.61	47.48	Flow Link Cross	-2.86	0 - 10:08 hrs	0.00	38.11	0.00	2.28	-185.83	0.00	0.00	0.00	0.00	0.00	0.00	0 - 00:00 hrs
1168	☐	WG-PT-2109	5.51	44.11	w Maximum	0.07	0 - 10:26 hrs	0.00	13.86	0.00	3.23	480.97	9.39	3.51	0.07	0.00	0.00	0.00	0 - 00:00 hrs
1169	☐	WG-PT-2126	6.15	54.98	Surcharged	0.00	0 - 09:49 hrs	0.00	54.71	0.00	4.67	0.00	3.52	3.10	0.00	0.19	0.56	25.58	0 - 09:59 hrs
1170	☐	WG-PT-2130	5.97	43.24	w Maximum	0.83	0 - 09:57 hrs	0.00	0.28	0.00	0.00	0.00	12.30	4.21	0.83	0.00	0.00	0.00	0 - 00:00 hrs
1171	☐	WG-PT-2135	6.19	43.28	w Maximum	0.66	0 - 09:53 hrs	2.58	16.96	0.09	2.70	0.00	8.15	3.43	0.66	0.00	0.00	0.00	0 - 00:00 hrs
1172	☐	WG-PT-2149	13.63	57.61	w Maximum	0.32	0 - 09:55 hrs	0.00	27.59	0.00	4.13	527.14	6.58	10.98	0.32	0.00	0.00	0.00	0 - 00:00 hrs
1173	☐	WG-PT-2174	7.05	49.18	Surcharged	0.00	0 - 09:51 hrs	0.00	30.45	0.00	1.14	-324.19	2.80	4.30	0.00	0.00	0.01	23.91	0 - 09:51 hrs
1174	☐	WG-PT-2176	7.52	48.93	w Maximum	0.36	0 - 09:57 hrs	0.00	18.64	0.00	1.72	136.73	3.42	4.59	0.36	0.00	0.00	0.00	0 - 00:00 hrs
1175	☐	WG-PT-2179	6.99	49.42	w Maximum	0.06	0 - 10:29 hrs	0.00	4.44	0.00	0.32	-34.81	6.88	5.24	0.06	0.00	0.00	0.00	0 - 00:00 hrs
1176	☐	WG-PT-2187	8.14	50.70	Surcharged	0.00	0 - 09:49 hrs	0.00	56.46	0.00	8.46	592.03	3.17	4.64	0.00	0.00	0.00	11.88	0 - 09:49 hrs

FUTURE CONDITIONS 20-YR 24-HR CLIMATE CHANGE JUNCTIONS

		ID	Maximum Depth (ft)	Maximum HGL (ft)	Maximum HGL Head Class	Freeboard (ft)	Max.Depth Day-Time (day-time)	Maximum Lateral Inflow (cfs)	Maximum Total Inflow (cfs)	Lateral Inflow Volume (MG)	Total Inflow Volume (MG)	Flow Volume Difference (MG)	Total Surcharge Time (hrs)	Max.Surchar ge Height Above Crown	Min.Surchar ge Depth Below Rim (ft)	Total Flood Volume (MG)	Total Flood Time (hrs)	Maximum Flood Rate (cfs)	Max.Flood Day-Time (day-time)
1177	☐	WG-PT-2197	5.10	46.16	Maximum	0.00	0 - 09:45 hrs	22.36	26.48	0.91	0.94	0.00	7.18	3.05	0.00	0.23	0.75	26.44	0 - 09:59 hrs
1178	☐	WG-PT-2198	5.45	46.20	Maximum	0.00	0 - 09:48 hrs	0.00	9.40	0.00	0.75	43.14	8.00	3.45	0.00	0.02	0.31	5.26	0 - 09:59 hrs
1179	☐	WG-PT-2232	7.48	52.36	Maximum	0.02	0 - 10:15 hrs	0.00	11.66	0.00	1.25	0.00	7.85	5.36	0.02	0.00	0.00	0.00	0 - 00:00 hrs
1180	☐	WG-PT-2234	7.61	50.55	Maximum	0.60	0 - 10:08 hrs	0.00	25.72	0.00	6.49	540.20	8.59	5.11	0.60	0.00	0.00	0.00	0 - 00:00 hrs
1181	☐	WG-PT-2235	5.60	49.89	Maximum	0.81	0 - 10:11 hrs	0.00	12.80	0.00	3.45	505.10	10.43	3.60	0.81	0.00	0.00	0.00	0 - 00:00 hrs
1182	☐	WG-PT-2236	5.11	49.48	Maximum	0.00	0 - 08:57 hrs	0.00	28.25	0.00	4.34	163.78	10.70	3.11	0.00	1.14	3.76	28.24	0 - 10:07 hrs
1183	☐	WG-PT-2238	6.22	51.22	Maximum	0.00	0 - 09:51 hrs	0.00	23.22	0.00	4.11	145.20	10.08	4.22	0.00	0.02	0.27	6.70	0 - 09:59 hrs
1184	☐	WG-PT-2269	7.26	53.83	Maximum	2.74	0 - 09:57 hrs	0.00	46.85	0.00	0.63	531.99	4.63	4.50	2.74	0.00	0.00	0.00	0 - 00:00 hrs
1185	☐	WG-PT-2318	5.90	45.23	Surcharged	0.00	0 - 00:03 hrs	0.00	49.38	0.00	3.07	364.86	47.88	3.10	0.00	0.50	1.19	35.31	0 - 10:02 hrs
1186	☐	WG-PT-2330	5.80	43.27	Maximum	0.00	0 - 02:04 hrs	47.64	47.64	1.88	1.88	0.00	43.84	3.70	0.00	1.86	21.91	47.57	0 - 09:59 hrs
1187	☐	WG-PT-2425	6.31	76.75	Maximum	0.98	0 - 09:48 hrs	0.00	35.77	0.00	4.86	63.01	3.22	3.61	0.98	0.00	0.00	0.00	0 - 00:00 hrs
1188	☐	WG-PT-2426	6.02	76.35	Maximum	1.18	0 - 09:57 hrs	0.00	35.82	0.00	4.86	79.42	3.48	3.52	1.18	0.00	0.00	0.00	0 - 00:00 hrs
1189	☐	WG-PT-2434	5.95	69.50	Surcharged	0.00	0 - 09:49 hrs	0.00	43.67	0.00	6.62	413.24	2.38	3.30	0.00	0.00	0.33	5.84	0 - 09:49 hrs
1190	☐	WG-PT-2438	5.47	76.69	Maximum	0.03	0 - 09:49 hrs	0.00	37.63	0.00	5.60	70.49	2.40	2.97	0.03	0.00	0.00	0.00	0 - 00:00 hrs
1191	☐	WG-PT-2465	6.14	51.72	Maximum	0.00	0 - 09:41 hrs	0.00	3.61	0.00	0.51	0.00	10.14	4.64	0.00	0.00	0.10	0.02	0 - 10:00 hrs
1192	☐	WG-PT-2469	5.85	51.93	Maximum	0.00	0 - 09:59 hrs	0.00	12.17	0.00	1.39	21.11	3.03	3.75	0.00	0.00	0.00	0.01	0 - 09:59 hrs
1193	☐	WG-PT-2474	6.25	50.01	Maximum	0.00	0 - 00:05 hrs	0.00	12.19	0.00	1.75	325.28	47.82	4.25	0.00	0.00	0.70	7.40	0 - 00:05 hrs
1194	☐	WG-PT-2475	6.30	49.95	Surcharged	0.00	0 - 00:05 hrs	0.00	12.50	0.00	1.75	331.73	47.82	4.30	0.00	0.04	1.82	7.46	0 - 00:05 hrs
1195	☐	WG-PT-2476	7.09	50.06	Maximum	0.06	0 - 09:55 hrs	0.00	16.77	0.00	1.72	769.49	47.88	5.09	0.06	0.00	0.00	0.00	0 - 00:00 hrs
1196	☐	WG-PT-2477	7.06	50.01	Maximum	0.00	0 - 09:48 hrs	0.00	15.12	0.00	1.72	229.22	47.87	5.06	0.00	0.00	0.01	0.05	0 - 09:51 hrs
1197	☐	WG-PT-2478	7.39	49.93	Surcharged	0.00	0 - 09:45 hrs	0.00	16.31	0.00	1.72	393.86	47.91	5.39	0.00	0.00	0.04	0.05	0 - 10:00 hrs
1198	☐	WG-PT-2480	7.85	49.96	Maximum	0.00	0 - 00:01 hrs	0.00	19.10	0.00	1.72	225.75	47.94	5.85	0.00	0.00	0.00	5.33	0 - 00:01 hrs
1199	☐	WG-PT-2481	8.64	49.72	Surcharged	0.00	0 - 09:44 hrs	0.00	23.48	0.00	1.82	566.71	47.96	6.09	0.00	0.14	0.67	13.48	0 - 10:00 hrs
1200	☐	WG-PT-2484	8.86	50.09	Surcharged	0.00	0 - 09:55 hrs	0.00	28.62	0.00	1.76	451.51	47.97	6.86	0.00	0.00	0.01	0.03	0 - 10:04 hrs
1201	☐	WG-PT-2485	9.54	50.24	Surcharged	0.00	0 - 09:55 hrs	0.00	32.47	0.00	1.77	510.52	47.98	7.54	0.00	0.01	0.22	1.36	0 - 10:02 hrs
1202	☐	WG-PT-2514	9.45	46.40	Maximum	1.80	0 - 09:55 hrs	0.00	57.89	0.00	7.29	3,295.32	47.86	5.94	1.80	0.00	0.00	0.00	0 - 00:00 hrs
1203	☐	WG-PT-2523	6.33	44.96	Maximum	2.17	0 - 09:59 hrs	0.00	35.20	0.00	8.19	723.50	11.53	3.64	2.17	0.00	0.00	0.00	0 - 00:00 hrs
1204	☐	WG-PT-2543	9.85	44.76	Maximum	0.00	0 - 00:00 hrs	0.00	324.70	0.00	3.73	4,718.21	47.98	4.85	0.00	0.03	0.01	263.61	0 - 00:00 hrs
1205	☐	WG-PT-2574	5.50	83.55	Surcharged	0.00	0 - 09:45 hrs	0.00	19.70	0.00	2.69	109.95	2.80	3.13	0.00	0.00	0.00	4.47	0 - 09:45 hrs
1206	☐	WG-PT-2596	7.35	46.57	Maximum	0.15	0 - 09:59 hrs	0.00	35.34	0.00	8.18	489.11	8.85	4.11	0.15	0.00	0.00	0.00	0 - 00:00 hrs
1207	☐	WG-PT-2597	7.00	46.26	Maximum	0.00	0 - 09:56 hrs	0.00	35.32	0.00	8.18	0.00	11.07	4.50	0.00	0.00	0.02	0.13	0 - 09:59 hrs
1208	☐	WG-PT-2599	7.40	46.85	Maximum	0.00	0 - 10:00 hrs	0.00	20.23	0.00	6.36	358.74	10.43	4.69	0.00	0.00	0.00	0.00	0 - 00:00 hrs
1209	☐	WG-PT-2600	7.32	47.17	Maximum	0.13	0 - 10:00 hrs	0.00	20.19	0.00	6.36	231.62	10.57	4.81	0.13	0.00	0.00	0.00	0 - 00:00 hrs
1210	☐	WG-PT-2602	7.23	47.57	Maximum	0.32	0 - 10:00 hrs	0.00	20.12	0.00	6.36	81.80	9.69	4.58	0.32	0.00	0.00	0.00	0 - 00:00 hrs
1211	☐	WG-PT-2606	6.51	48.25	Maximum	0.58	0 - 10:00 hrs	0.00	20.12	0.00	6.36	169.22	8.26	4.01	0.58	0.00	0.00	0.00	0 - 00:00 hrs
1212	☐	WG-PT-2607	6.59	48.30	Maximum	0.51	0 - 10:00 hrs	0.00	20.12	0.00	6.36	207.07	8.27	4.09	0.51	0.00	0.00	0.00	0 - 00:00 hrs
1213	☐	WG-PT-2610	6.57	46.84	Maximum	6.43	0 - 10:00 hrs	0.00	48.88	0.00	2.28	0.00	0.44	1.82	6.43	0.00	0.00	0.00	0 - 00:00 hrs
1214	☐	WG-PT-2612	5.99	85.94	Maximum	0.56	0 - 10:10 hrs	0.00	23.39	0.00	2.81	0.17	2.15	3.33	0.56	0.00	0.00	0.00	0 - 00:00 hrs
1215	☐	WG-PT-2629	4.00	52.21	Surcharged	0.00	0 - 09:45 hrs	0.00	11.45	0.00	1.51	178.77	1.99	1.75	0.00	0.00	0.00	0.04	0 - 09:45 hrs
1216	☐	WG-PT-2632	7.15	45.53	Surcharged	0.00	0 - 00:02 hrs	0.00	41.30	0.00	2.61	1,938.93	47.91	4.40	0.00	0.00	0.00	18.19	0 - 00:02 hrs
1217	☐	WG-PT-2646	5.20	45.33	Surcharged	0.00	0 - 00:09 hrs	0.00	11.05	0.00	2.77	817.47	47.73	3.20	0.00	0.00	0.00	0.09	0 - 00:09 hrs
1218	☐	WG-PT-2670	7.62	38.16	Maximum	0.00	0 - 10:06 hrs	0.00	12.32	0.00	2.59	4,857.83	33.93	4.87	0.00	0.34	5.25	3.88	0 - 11:23 hrs
1219	☐	WG-PT-2723	7.20	76.29	Maximum	0.00	0 - 09:52 hrs	0.00	14.15	0.00	1.09	67.99	1.83	4.85	0.00	0.00	0.00	7.18	0 - 09:52 hrs
1220	☐	WG-PT-2724	7.90	77.64	Surcharged	0.00	0 - 09:52 hrs	0.00	14.16	0.00	1.09	-136.79	1.72	5.35	0.00	0.00	0.00	12.21	0 - 09:52 hrs
1221	☐	WG-PT-2726	7.00	73.49	Maximum	0.00	0 - 09:53 hrs	0.00	8.51	0.00	0.00	0.00	1.39	5.50	0.00	0.00	0.00	7.50	0 - 09:53 hrs
1222	☐	WG-PT-2731	12.65	83.00	Maximum	0.55	0 - 09:52 hrs	0.00	44.84	0.00	5.27	-168.88	2.58	9.65	0.55	0.00	0.00	0.00	0 - 00:00 hrs
1223	☐	WG-PT-2836	9.96	86.77	Maximum	0.14	0 - 09:55 hrs	0.00	94.98	0.00	26.29	-375.75	4.87	5.46	0.14	0.00	0.00	0.00	0 - 00:00 hrs
1224	☐	WG-PT-2846	16.09	51.80	Maximum	4.21	0 - 09:56 hrs	0.00	303.71	0.00	27.05	3,025.99	1.66	9.59	4.21	0.00	0.00	0.00	0 - 00:00 hrs
1225	☐	WG-PT-2853	7.76	112.27	Maximum	0.00	0 - 09:56 hrs	0.00	48.26	0.00	2.16	132.93	0.46	5.24	0.00	0.00	0.00	0.57	0 - 09:56 hrs

FUTURE CONDITIONS 20-YR 24-HR CLIMATE CHANGE JUNCTIONS

		ID	Maximum Depth (ft)	Maximum HGL (ft)	Maximum HGL Head Class	Freeboard (ft)	Max.Depth Day-Time (day-time)	Maximum Lateral Inflow (cfs)	Maximum Total Inflow (cfs)	Lateral Inflow Volume (MG)	Total Inflow Volume (MG)	Flow Volume Difference (MG)	Total Surcharge Time (hrs)	Max.Surchar ge Height Above Crown	Min.Surchar ge Depth Below Rim (ft)	Total Flood Volume (MG)	Total Flood Time (hrs)	Maximum Flood Rate (cfs)	Max.Flood Day-Time (day-time)
1226	☐	WG-PT-2856	1.42	108.71	Flow Link Cro	5.86	0 - 10:06 hrs	0.00	115.75	0.00	23.36	183.33	0.00	0.00	0.00	0.00	0.00	0.00	0 - 00:00 hrs
1227	☐	WG-PT-2857	2.89	107.71	Flow Link Cro	6.86	0 - 10:07 hrs	0.00	115.75	0.00	23.36	572.85	0.00	0.00	0.00	0.00	0.00	0.00	0 - 00:00 hrs
1228	☐	WG-PT-2858	6.96	106.31	Flow Link Cro	7.32	0 - 10:07 hrs	0.00	115.66	0.00	23.35	708.40	0.00	0.00	0.00	0.00	0.00	0.00	0 - 00:00 hrs
1229	☐	WG-PT-2859	2.55	105.56	Flow Link Cro	7.95	0 - 10:07 hrs	0.00	115.64	0.00	23.35	188.33	0.00	0.00	0.00	0.00	0.00	0.00	0 - 00:00 hrs
1230	☐	WG-PT-2865	8.80	91.63	Surcharged	0.00	0 - 09:57 hrs	0.00	29.87	0.00	1.18	44.75	0.28	6.80	0.00	0.00	0.00	1.95	0 - 09:57 hrs
1231	☐	WG-PT-2874	6.70	128.35	w Maximum C	0.00	0 - 09:56 hrs	28.19	46.16	1.08	7.97	3,153.90	2.23	1.70	0.00	0.15	0.75	21.29	0 - 09:59 hrs
1232	☐	WG-PT-2899	6.55	99.56	w Maximum C	2.65	0 - 09:57 hrs	0.00	42.76	0.00	4.91	56.86	2.93	3.54	2.65	0.00	0.00	0.00	0 - 00:00 hrs
1233	☐	WG-PT-2905	4.70	82.31	Surcharged	0.00	0 - 09:49 hrs	0.00	30.37	0.00	2.93	90.83	2.40	2.70	0.00	0.46	0.86	30.37	0 - 10:04 hrs
1234	☐	WG-PT-2906	5.58	84.10	w Maximum C	0.02	0 - 09:56 hrs	0.00	14.21	0.00	2.71	291.62	4.79	3.83	0.02	0.00	0.00	0.00	0 - 00:00 hrs
1235	☐	WG-PT-2922	7.47	89.30	w Maximum C	0.00	0 - 09:53 hrs	0.00	45.96	0.00	3.70	1,679.87	1.61	3.97	0.00	0.00	0.00	26.31	0 - 09:53 hrs
1236	☐	WG-PT-2924	9.26	86.06	w Maximum C	1.74	0 - 09:52 hrs	0.00	41.04	0.00	3.59	138.72	3.50	5.75	1.74	0.00	0.00	0.00	0 - 00:00 hrs
1237	☐	WG-PT-2946	7.05	109.99	w Maximum C	0.05	0 - 09:57 hrs	0.00	17.92	0.00	1.58	0.53	1.79	4.75	0.05	0.00	0.00	0.00	0 - 00:00 hrs
1238	☐	WG-PT-2978	4.82	93.60	Surcharged	0.00	0 - 09:55 hrs	0.00	36.62	0.00	2.81	-210.13	1.33	2.32	0.00	0.00	0.00	13.70	0 - 09:55 hrs
1239	☐	WG-PT-2993	8.54	90.93	w Maximum C	0.00	0 - 09:51 hrs	0.00	25.55	0.00	2.68	67.01	2.87	6.54	0.00	0.00	0.00	15.36	0 - 09:51 hrs
1240	☐	WG-PT-2994	8.70	92.05	w Maximum C	1.40	0 - 09:51 hrs	0.00	25.51	0.00	2.68	240.02	4.05	6.60	1.40	0.00	0.00	0.00	0 - 00:00 hrs
1241	☐	WG-PT-3000	9.12	90.31	w Maximum C	0.03	0 - 09:55 hrs	0.00	41.46	0.00	4.00	197.55	1.63	5.62	0.03	0.00	0.00	0.00	0 - 00:00 hrs
1242	☐	WG-PT-3040	9.45	106.82	w Maximum C	0.00	0 - 09:49 hrs	0.00	21.64	0.00	2.55	36.36	2.25	7.30	0.00	0.10	0.35	18.83	0 - 09:59 hrs
1243	☐	WG-PT-3045	11.55	101.17	w Maximum C	0.00	0 - 09:57 hrs	0.00	37.24	0.00	3.99	86.36	1.39	9.05	0.00	0.00	0.00	0.12	0 - 09:57 hrs
1244	☐	WG-PT-3048	10.71	93.43	w Maximum C	0.19	0 - 09:59 hrs	0.00	43.42	0.00	4.22	121.10	1.90	8.46	0.19	0.00	0.00	0.00	0 - 00:00 hrs
1245	☐	WG-PT-3075	16.27	130.75	Surcharged	-5.00	0 - 09:44 hrs	0.00	33.49	0.00	5.73	291.97	3.05	13.77	0.00	0.00	0.00	3.79	0 - 09:44 hrs
1246	☐	WG-PT-3082	0.87	90.31	Flow Link Cro	8.38	0 - 09:59 hrs	7.16	7.16	0.22	0.22	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0 - 00:00 hrs
1247	☐	WG-PT-3110	11.18	127.34	Surcharged	-5.00	0 - 09:47 hrs	0.00	30.56	0.00	4.14	361.06	2.61	8.18	0.00	0.00	0.00	18.66	0 - 09:47 hrs
1248	☐	WG-PT-3116	7.20	133.87	Surcharged	0.00	0 - 09:48 hrs	0.00	21.23	0.00	2.85	160.10	2.42	4.90	0.00	0.00	0.00	3.44	0 - 09:48 hrs
1249	☐	WG-PT-3180	5.67	84.28	w Maximum C	0.83	0 - 09:55 hrs	0.00	30.88	0.00	4.63	230.47	2.72	3.06	0.83	0.00	0.00	0.00	0 - 00:00 hrs
1250	☐	WG-PT-3182	6.24	85.57	w Maximum C	0.28	0 - 09:45 hrs	0.00	30.92	0.00	4.63	81.88	2.77	3.67	0.28	0.00	0.00	0.00	0 - 00:00 hrs
1251	☐	WG-PT-3183	6.23	85.89	w Maximum C	0.02	0 - 09:45 hrs	0.00	30.90	0.00	4.63	105.05	2.80	3.72	0.02	0.00	0.00	0.00	0 - 00:00 hrs
1252	☐	WG-PT-3184	6.10	86.12	w Maximum C	0.00	0 - 09:44 hrs	0.00	30.90	0.00	4.63	126.34	2.88	3.60	0.00	0.00	0.00	0.18	0 - 09:44 hrs
1253	☐	WG-PT-3192	8.85	92.63	w Maximum C	0.00	0 - 09:52 hrs	0.00	26.96	0.00	3.21	126.45	1.77	6.35	0.00	0.00	0.00	0.00	0 - 09:52 hrs
1254	☐	WG-PT-3196	4.75	96.48	Surcharged	0.00	0 - 09:45 hrs	0.00	40.16	0.00	7.18	137.51	6.45	2.25	0.00	0.33	0.71	36.40	0 - 09:59 hrs
1255	☐	WG-PT-3197	6.51	99.10	Surcharged	-1.42	0 - 09:59 hrs	0.00	40.16	0.00	7.18	337.48	6.70	4.01	0.00	0.00	0.00	0.00	0 - 00:00 hrs
1256	☐	WG-PT-3198	9.30	103.29	Surcharged	-4.01	0 - 09:57 hrs	0.00	40.15	0.00	7.19	246.35	6.85	6.80	0.00	0.00	0.00	0.00	0 - 00:00 hrs
1257	☐	WG-PT-3211	6.75	125.38	w Maximum C	0.00	0 - 09:56 hrs	75.11	75.11	4.93	4.93	0.00	0.58	3.75	0.00	0.09	0.23	23.98	0 - 09:59 hrs
1258	☐	WG-PT-3226	7.60	70.70	Surcharged	0.00	0 - 10:00 hrs	0.00	80.40	0.00	3.35	65.88	0.26	3.60	0.00	0.00	0.00	3.13	0 - 10:00 hrs
1259	☐	WG-PT-3238	2.67	59.61	w Maximum C	1.23	0 - 09:57 hrs	0.00	1.03	0.00	0.00	0.00	0.14	0.92	1.23	0.00	0.00	0.00	0 - 00:00 hrs
1260	☐	WG-PT-3256	5.18	78.14	w Maximum C	0.00	0 - 09:48 hrs	0.00	9.62	0.00	0.64	0.00	2.76	3.18	0.00	0.00	0.05	1.19	0 - 09:48 hrs
1261	☐	WG-PT-3264	8.92	68.40	Surcharged	0.00	0 - 10:00 hrs	0.00	81.34	0.00	3.80	560.82	0.54	3.80	0.00	0.00	0.00	17.32	0 - 10:00 hrs
1262	☐	WG-PT-3269	7.07	65.33	w Maximum C	1.33	0 - 10:00 hrs	0.00	105.95	0.00	4.95	867.32	0.80	3.07	1.33	0.00	0.00	0.00	0 - 00:00 hrs
1263	☐	WG-PT-3276	5.95	63.08	w Maximum C	2.80	0 - 00:00 hrs	0.00	126.11	0.00	6.70	3,239.42	0.01	1.95	2.80	0.00	0.00	0.00	0 - 00:00 hrs
1264	☐	WG-PT-3294	5.09	64.34	w Maximum C	3.91	0 - 09:59 hrs	0.00	25.65	0.00	1.02	-39.74	0.37	3.09	3.91	0.00	0.00	0.00	0 - 00:00 hrs
1265	☐	WG-PT-3308	8.90	82.61	Surcharged	0.00	0 - 00:00 hrs	0.00	194.31	0.00	14.43	3,815.29	2.51	4.90	0.00	0.00	0.00	86.75	0 - 00:00 hrs
1266	☐	WG-PT-3342	7.40	105.83	w Maximum C	0.00	0 - 09:52 hrs	0.00	27.39	0.00	1.52	81.10	1.18	4.90	0.00	0.03	0.34	12.50	0 - 09:52 hrs
1267	☐	WG-PT-3450	7.45	104.09	w Maximum C	2.55	0 - 10:00 hrs	0.00	28.18	0.00	6.13	886.77	0.58	4.45	2.55	0.00	0.00	0.00	0 - 00:00 hrs
1268	☐	WG-PT-3451	6.83	103.60	w Maximum C	3.67	0 - 10:00 hrs	0.00	27.88	0.00	6.14	595.06	4.44	3.83	3.67	0.00	0.00	0.00	0 - 00:00 hrs
1269	☐	WG-PT-3462	4.20	102.24	w Maximum C	0.00	0 - 09:37 hrs	0.00	27.96	0.00	6.21	376.16	6.09	1.70	0.00	0.07	0.57	15.67	0 - 10:03 hrs
1270	☐	WG-PT-3468	6.00	97.27	w Maximum C	0.00	0 - 09:52 hrs	0.00	6.00	0.00	0.01	16.05	1.58	4.25	0.00	0.00	0.01	3.53	0 - 09:52 hrs
1271	☐	WG-PT-3474	6.10	94.99	Surcharged	0.00	0 - 09:42 hrs	0.00	39.88	0.00	4.68	444.11	4.16	3.60	0.00	0.26	0.97	19.22	0 - 09:59 hrs
1272	☐	WG-PT-3492	5.10	83.35	w Maximum C	0.00	0 - 09:47 hrs	0.00	13.56	0.00	1.25	0.00	1.91	2.00	0.00	0.00	0.06	4.59	0 - 09:47 hrs
1273	☐	WG-PT-3532	11.33	59.99	Surcharged	0.00	0 - 09:55 hrs	0.00	51.57	0.00	8.99	935.47	3.45	6.83	0.00	0.00	0.00	0.03	0 - 09:55 hrs
1274	☐	WG-PT-3563	8.30	64.08	Surcharged	0.00	0 - 09:47 hrs	0.00	19.44	0.00	2.52	222.32	5.98	6.30	0.00	0.00	0.20	0.12	0 - 10:14 hrs

FUTURE CONDITIONS 20-YR 24-HR CLIMATE CHANGE JUNCTIONS

		ID	Maximum Depth (ft)	Maximum HGL (ft)	Maximum HGL Head Class	Freeboard (ft)	Max.Depth Day-Time (day-time)	Maximum Lateral Inflow (cfs)	Maximum Total Inflow (cfs)	Lateral Inflow Volume (MG)	Total Inflow Volume (MG)	Flow Volume Difference (MG)	Total Surcharge Time (hrs)	Max.Surchar ge Height Above Crown	Min.Surchar ge Depth Below Rim (ft)	Total Flood Volume (MG)	Total Flood Time (hrs)	Maximum Flood Rate (cfs)	Max.Flood Day-Time (day-time)
1275	☐	WG-PT-3568	7.43	62.33	w Maximum	0.42	0 - 10:26 hrs	0.00	19.33	0.00	2.53	501.68	8.41	5.18	0.42	0.00	0.00	0.00	0 - 00:00 hrs
1276	☐	WG-PT-3570	6.56	61.15	w Maximum	0.73	0 - 09:59 hrs	0.00	19.34	0.00	2.55	520.08	8.12	4.06	0.73	0.00	0.00	0.00	0 - 00:00 hrs
1277	☐	WG-PT-3571	6.49	60.87	w Maximum	0.51	0 - 09:56 hrs	0.00	19.35	0.00	2.56	675.53	10.48	3.99	0.51	0.00	0.00	0.00	0 - 00:00 hrs
1278	☐	WG-PT-3572	6.31	60.44	w Maximum	0.09	0 - 09:59 hrs	0.00	19.38	0.00	2.57	957.35	24.08	3.81	0.09	0.00	0.00	0.00	0 - 00:00 hrs
1279	☐	WG-PT-3576	6.43	59.55	w Maximum	0.42	0 - 10:00 hrs	0.00	14.04	0.00	1.40	684.19	47.45	4.43	0.42	0.00	0.00	0.00	0 - 00:00 hrs
1280	☐	WG-PT-3578	5.67	59.31	w Maximum	0.00	0 - 00:16 hrs	39.91	39.91	1.80	1.80	0.00	47.44	3.46	0.00	0.38	1.14	33.54	0 - 09:59 hrs
1281	☐	WG-PT-3584	8.97	74.30	Surcharged	0.00	0 - 09:52 hrs	68.77	68.77	3.29	3.29	0.00	2.54	6.97	0.00	0.23	0.44	35.48	0 - 09:59 hrs
1282	☐	WG-PT-3586	7.10	68.49	w Maximum	1.25	0 - 09:52 hrs	0.00	35.32	0.00	3.06	-159.49	0.96	4.54	1.25	0.00	0.00	0.00	0 - 00:00 hrs
1283	☐	WG-PT-3590	9.58	63.31	w Maximum	0.00	0 - 09:52 hrs	0.00	33.21	0.00	3.06	423.07	7.28	7.00	0.00	0.00	0.00	0.42	0 - 09:52 hrs
1284	☐	WG-PT-3599	12.63	61.07	w Maximum	1.25	0 - 00:07 hrs	0.00	145.63	0.00	9.57	12,669.53	47.84	7.63	1.25	0.00	0.00	0.00	0 - 00:00 hrs
1285	☐	WG-PT-3600	13.45	62.37	Surcharged	0.00	0 - 00:07 hrs	0.00	129.17	0.00	9.47	6,547.93	47.76	8.45	0.00	0.00	0.00	2.27	0 - 00:07 hrs
1286	☐	WG-PT-3738	11.20	64.33	Surcharged	0.00	0 - 00:02 hrs	0.00	7.07	0.00	0.95	396.37	47.90	9.70	0.00	0.00	0.00	3.02	0 - 00:02 hrs
1287	☐	WG-PT-3740	1.63	58.75	Flow Link Crov	5.32	0 - 09:56 hrs	0.00	11.23	0.00	0.52	-29.44	0.00	0.00	0.00	0.00	0.00	0.00	0 - 00:00 hrs
1288	☐	WG-PT-3756	9.50	57.50	Surcharged	0.00	0 - 00:02 hrs	0.00	34.43	0.00	2.11	0.00	47.92	6.55	0.00	0.00	0.00	11.16	0 - 00:02 hrs
1289	☐	WG-PT-3760	10.10	58.03	w Maximum	0.90	0 - 00:01 hrs	0.00	72.32	0.00	2.13	0.00	47.96	7.60	0.90	0.00	0.00	0.00	0 - 00:00 hrs
1290	☐	WG-PT-3761	13.45	61.01	w Maximum	0.00	0 - 00:01 hrs	0.00	62.55	0.00	2.11	1,238.23	47.94	10.95	0.00	0.00	0.00	33.50	0 - 00:01 hrs
1291	☐	WG-PT-3765	9.79	60.81	w Maximum	1.01	0 - 09:55 hrs	0.00	28.46	0.00	3.45	3,104.80	47.53	6.67	1.01	0.00	0.00	0.00	0 - 00:00 hrs
1292	☐	WG-PT-3780	1.71	66.89	Flow Link Crov	6.51	0 - 10:04 hrs	0.00	56.86	0.00	2.61	218.63	0.00	0.00	0.00	0.00	0.00	0.00	0 - 00:00 hrs
1293	☐	WG-PT-3800	12.95	92.71	w Maximum	0.00	0 - 09:56 hrs	0.00	245.99	0.00	31.37	-1,874.64	2.30	7.45	0.00	0.00	0.00	0.23	0 - 09:56 hrs
1294	☐	WG-PT-3809	10.00	94.95	Surcharged	0.00	0 - 09:56 hrs	0.00	92.15	0.00	10.31	340.93	1.76	5.50	0.00	0.00	0.00	38.88	0 - 09:56 hrs
1295	☐	WG-PT-3812	5.22	95.11	w Maximum	0.00	0 - 09:56 hrs	0.00	49.77	0.00	7.88	382.10	0.99	1.72	0.00	0.02	0.04	48.29	0 - 09:56 hrs
1296	☐	WG-PT-3813	5.82	96.06	Surcharged	0.00	0 - 09:57 hrs	0.00	48.03	0.00	7.89	813.00	0.93	2.20	0.00	0.00	0.00	28.70	0 - 09:57 hrs
1297	☐	WG-PT-3814	7.22	76.18	Surcharged	0.00	0 - 09:56 hrs	0.00	68.50	0.00	8.06	77.17	0.81	4.20	0.00	0.00	0.00	5.64	0 - 09:56 hrs
1298	☐	WG-PT-3821	9.80	55.94	Surcharged	0.00	0 - 09:55 hrs	0.00	15.79	0.00	2.04	0.00	47.69	7.80	0.00	0.00	0.00	0.01	0 - 09:55 hrs
1299	☐	WG-PT-3834	15.52	57.10	Surcharged	0.00	0 - 00:00 hrs	0.00	59.75	0.00	1.03	513.12	47.97	12.65	0.00	0.00	0.00	40.26	0 - 00:00 hrs
1300	☐	WG-PT-3836	9.04	57.30	w Maximum	5.26	0 - 09:59 hrs	0.00	22.58	0.00	1.01	450.25	2.00	6.91	5.26	0.00	0.00	0.00	0 - 00:00 hrs
1301	☐	WG-PT-3840	14.04	56.72	Surcharged	0.00	0 - 00:03 hrs	0.00	55.50	0.00	1.65	4,912.11	47.87	10.00	0.00	0.00	0.00	19.49	0 - 00:03 hrs
1302	☐	WG-PT-3853	6.55	53.45	w Maximum	0.00	0 - 09:51 hrs	0.00	20.96	0.00	1.78	51.28	1.60	4.30	0.00	0.00	0.00	15.22	0 - 09:51 hrs
1303	☐	WG-PT-3860	6.29	50.30	w Maximum	2.11	0 - 09:52 hrs	0.00	50.55	0.00	4.98	212.25	1.99	3.24	2.11	0.00	0.00	0.00	0 - 00:00 hrs
1304	☐	WG-PT-3862	5.70	49.21	w Maximum	2.52	0 - 09:56 hrs	0.00	50.55	0.00	5.00	449.26	1.94	2.52	2.52	0.00	0.00	0.00	0 - 00:00 hrs
1305	☐	WG-PT-3865	5.35	47.76	w Maximum	0.00	0 - 09:51 hrs	0.00	46.77	0.00	5.13	728.79	2.14	1.85	0.00	0.00	0.22	3.51	0 - 09:59 hrs
1306	☐	WG-PT-3871	10.66	60.28	w Maximum	1.66	0 - 00:08 hrs	0.00	32.11	0.00	6.77	2,777.38	47.71	7.52	1.66	0.00	0.00	0.00	0 - 00:00 hrs
1307	☐	WG-PT-3882	8.35	70.46	w Maximum	0.00	0 - 09:53 hrs	0.00	78.66	0.00	8.76	524.33	1.77	4.85	0.00	0.02	0.25	3.37	0 - 10:07 hrs
1308	☐	WG-PT-3884	7.69	67.49	w Maximum	0.00	0 - 09:53 hrs	0.00	78.64	0.00	8.73	182.83	1.46	4.19	0.00	0.06	0.21	17.37	0 - 09:59 hrs
1309	☐	WG-PT-3888	10.10	68.39	w Maximum	0.00	0 - 09:55 hrs	0.00	63.86	0.00	7.87	75.20	1.23	6.90	0.00	0.00	0.00	0.34	0 - 09:55 hrs
1310	☐	WG-PT-3898	2.25	78.55	Flow Link Crov	2.62	0 - 09:57 hrs	0.00	33.51	0.00	3.51	139.42	0.00	0.00	0.00	0.00	0.00	0.00	0 - 00:00 hrs
1311	☐	WG-PT-3945	10.70	102.11	w Maximum	0.00	0 - 09:55 hrs	0.00	112.34	0.00	9.35	-2,132.18	1.11	7.70	0.00	0.00	0.00	22.19	0 - 09:55 hrs
1312	☐	WG-PT-3966	8.80	96.48	Surcharged	0.00	0 - 09:56 hrs	0.00	25.79	0.00	0.71	-51.59	1.60	6.80	0.00	0.00	0.00	20.30	0 - 09:56 hrs
1313	☐	WG-PT-3975	8.65	90.08	Surcharged	0.00	0 - 09:55 hrs	0.00	79.19	0.00	4.33	298.39	1.57	5.10	0.00	0.33	0.40	50.00	0 - 09:56 hrs
1314	☐	WG-PT-3981	13.99	38.22	w Maximum	0.87	0 - 10:34 hrs	0.00	46.00	0.00	19.31	22,930.51	36.33	6.16	0.87	0.00	0.00	0.00	0 - 00:00 hrs
1315	☐	WG-PT-3982	9.52	36.16	w Maximum	0.48	0 - 11:33 hrs	0.00	21.54	0.00	8.85	1,211.98	41.48	6.52	0.48	0.00	0.00	0.00	0 - 00:00 hrs
1316	☐	WG-PT-4027	1.21	57.00	Flow Link Crov	10.45	0 - 10:04 hrs	0.00	22.47	0.00	1.71	99.77	0.00	0.00	0.00	0.00	0.00	0.00	0 - 00:00 hrs
1317	☐	WG-PT-4061	8.83	86.20	w Maximum	0.00	0 - 09:52 hrs	0.00	233.67	0.00	43.34	2,236.80	2.85	3.10	0.00	1.85	0.89	165.10	0 - 09:59 hrs
1318	☐	WG-PT-4069	3.48	64.64	w Maximum	0.90	0 - 10:11 hrs	0.00	5.91	0.00	0.68	0.00	2.04	2.14	0.90	0.00	0.00	0.00	0 - 00:00 hrs
1319	☐	WG-PT-4071	4.09	65.24	w Maximum	0.59	0 - 09:55 hrs	0.00	5.90	0.00	0.68	28.37	2.35	2.75	0.59	0.00	0.00	0.00	0 - 00:00 hrs
1320	☐	WG-PT-4078	4.61	53.57	w Maximum	0.49	0 - 10:19 hrs	0.00	4.47	0.00	1.27	100.30	8.57	3.11	0.49	0.00	0.00	0.00	0 - 00:00 hrs
1321	☐	WG-PT-4079	4.57	53.38	w Maximum	0.63	0 - 09:45 hrs	0.00	4.48	0.00	1.27	85.97	8.51	3.07	0.63	0.00	0.00	0.00	0 - 00:00 hrs
1322	☐	WG-PT-4082	4.95	52.88	w Maximum	0.10	0 - 09:45 hrs	0.00	4.49	0.00	1.27	63.94	9.32	3.45	0.10	0.00	0.00	0.00	0 - 00:00 hrs
1323	☐	WG-PT-4083	4.80	52.76	w Maximum	0.10	0 - 09:45 hrs	0.00	4.49	0.00	1.26	0.00	9.14	3.29	0.10	0.00	0.00	0.00	0 - 00:00 hrs

FUTURE CONDITIONS 20-YR 24-HR CLIMATE CHANGE JUNCTIONS

		ID	Maximum Depth (ft)	Maximum HGL (ft)	Maximum HGL Head Class	Freeboard (ft)	Max.Depth Day-Time (day-time)	Maximum Lateral Inflow (cfs)	Maximum Total Inflow (cfs)	Lateral Inflow Volume (MG)	Total Inflow Volume (MG)	Flow Volume Difference (MG)	Total Surcharge Time (hrs)	Max.Surchar ge Height Above Crown	Min.Surchar ge Depth Below Rim (ft)	Total Flood Volume (MG)	Total Flood Time (hrs)	Maximum Flood Rate (cfs)	Max.Flood Day-Time (day-time)
1324	☐	WG-PT-4085	4.85	52.54	w Maximum	0.04	0 - 11:10 hrs	0.00	4.50	0.00	1.26	106.26	9.33	3.35	0.04	0.00	0.00	0.00	0 - 00:00 hrs
1325	☐	WG-PT-5007	5.92	55.26	w Maximum	0.00	0 - 09:52 hrs	0.00	17.99	0.00	2.16	0.00	2.93	3.92	0.00	0.00	0.13	1.91	0 - 09:52 hrs
1326	☐	WG-PT-5020	5.25	52.18	w Maximum	0.00	0 - 09:51 hrs	40.09	40.09	1.86	1.87	0.00	1.83	3.00	0.00	0.02	0.20	15.25	0 - 09:51 hrs
1327	☐	WG-PT-5037	13.21	39.21	w Maximum	0.59	0 - 11:22 hrs	0.00	197.97	0.00	36.95	25,883.48	33.68	5.71	0.59	0.00	0.00	0.00	0 - 00:00 hrs
1328	☐	WG-PT-5038	10.72	40.21	Surcharged	0.00	0 - 06:00 hrs	0.00	68.94	0.00	6.68	-9,811.40	34.03	6.72	0.00	0.00	0.01	39.12	0 - 06:13 hrs
1329	☐	WG-PT-5042	11.90	36.13	w Maximum	0.00	0 - 09:21 hrs	0.00	41.45	0.00	15.04	5,336.00	41.43	6.50	0.00	0.00	3.05	0.14	0 - 14:25 hrs
1330	☐	WG-PT-5043	11.45	36.08	Surcharged	0.00	0 - 09:14 hrs	0.00	41.46	0.00	15.00	2,792.95	41.54	6.47	0.00	6.01	14.55	20.70	0 - 11:25 hrs
1331	☐	WG-PT-5058	6.55	51.49	Surcharged	0.00	0 - 09:49 hrs	0.00	29.87	0.00	3.43	190.40	2.79	3.45	0.00	0.01	0.24	16.84	0 - 09:49 hrs
1332	☐	WG-PT-5059	5.95	51.40	Surcharged	0.00	0 - 09:51 hrs	0.00	8.65	0.00	1.06	223.76	3.17	4.40	0.00	0.00	0.30	0.53	0 - 10:08 hrs
1333	☐	WG-PT-5060	6.92	51.54	Surcharged	0.00	0 - 09:49 hrs	0.00	62.18	0.00	8.46	613.18	2.70	3.38	0.00	0.00	0.01	17.57	0 - 09:51 hrs
1334	☐	WG-PT-5065	8.44	55.51	w Maximum	0.26	0 - 09:52 hrs	0.00	24.42	0.00	3.03	200.50	2.52	5.76	0.26	0.00	0.00	0.00	0 - 00:00 hrs
1335	☐	WG-PT-5067	3.70	54.63	Surcharged	0.00	0 - 09:48 hrs	0.00	1.75	0.00	0.18	131.46	2.82	2.25	0.00	0.00	0.50	0.73	0 - 09:48 hrs
1336	☐	WG-PT-5071	4.90	56.76	Surcharged	0.00	0 - 09:51 hrs	0.00	2.78	0.00	0.73	44.34	3.43	3.59	0.00	0.00	0.01	0.82	0 - 09:51 hrs
1337	☐	WG-PT-5076	8.30	59.31	w Maximum	0.00	0 - 09:51 hrs	0.00	13.86	0.00	2.14	522.17	5.35	6.25	0.00	0.00	0.05	1.36	0 - 09:51 hrs
1338	☐	WG-PT-5084	3.96	48.43	w Maximum	0.00	0 - 09:51 hrs	0.00	1.77	0.00	0.03	0.00	2.55	2.71	0.00	0.03	0.63	1.77	0 - 10:21 hrs
1339	☐	WG-PT-5092	9.09	47.39	w Maximum	0.71	0 - 09:41 hrs	0.00	51.36	0.00	8.86	498.51	6.21	5.49	0.71	0.00	0.00	0.00	0 - 00:00 hrs
1340	☐	WG-PT-5093	4.60	48.76	Surcharged	0.00	0 - 09:37 hrs	0.00	3.48	0.00	0.35	0.00	5.70	3.35	0.00	0.00	0.43	2.51	0 - 09:37 hrs
1341	☐	WG-PT-5095	4.60	48.15	Surcharged	0.00	0 - 09:37 hrs	0.00	3.92	0.00	0.35	52.39	5.87	3.15	0.00	0.01	1.15	2.27	0 - 09:37 hrs
1342	☐	WG-PT-5096	4.50	48.03	w Maximum	0.00	0 - 09:37 hrs	0.00	3.31	0.00	0.35	44.79	5.96	3.19	0.00	0.05	1.17	3.02	0 - 10:15 hrs
1343	☐	WG-PT-5148	8.63	44.78	w Maximum	0.67	0 - 09:59 hrs	0.00	27.81	0.00	2.98	3,095.24	3.72	4.94	0.67	0.00	0.00	0.00	0 - 00:00 hrs
1344	☐	WG-PT-5155	5.10	48.63	w Maximum	0.00	0 - 09:41 hrs	0.00	12.26	0.00	1.50	106.88	6.36	3.05	0.00	0.00	0.48	0.20	0 - 09:41 hrs
1345	☐	WG-PT-5206	12.64	44.52	w Maximum	0.41	0 - 09:45 hrs	0.00	138.97	0.00	15.29	12,040.43	29.64	7.14	0.41	0.00	0.00	0.00	0 - 00:00 hrs
1346	☐	WG-PT-5209	13.15	46.47	w Maximum	0.19	0 - 09:53 hrs	0.00	107.90	0.00	13.74	9,185.42	13.73	7.44	0.19	0.00	0.00	0.00	0 - 00:00 hrs
1347	☐	WG-PT-5213	12.93	47.09	Surcharged	0.00	0 - 09:45 hrs	0.00	107.77	0.00	13.82	3,433.82	9.90	7.53	0.00	0.00	0.00	0.59	0 - 09:45 hrs
1348	☐	WG-PT-5214	13.01	47.82	Surcharged	0.00	0 - 09:45 hrs	0.00	107.80	0.00	13.83	2,485.21	8.98	7.91	0.00	0.00	0.00	1.16	0 - 09:45 hrs
1349	☐	WG-PT-5219	7.77	49.48	w Maximum	0.07	0 - 10:03 hrs	0.00	61.42	0.00	9.54	945.11	3.06	3.55	0.07	0.00	0.00	0.00	0 - 00:00 hrs
1350	☐	WG-PT-5225	6.27	49.30	Surcharged	0.00	0 - 09:52 hrs	15.47	15.47	0.64	0.63	0.00	2.67	4.27	0.00	0.03	0.31	13.05	0 - 09:52 hrs
1351	☐	WG-PT-5226	6.28	49.20	Surcharged	0.00	0 - 09:52 hrs	0.00	17.26	0.00	0.61	-2.44	2.74	4.28	0.00	0.02	0.34	9.91	0 - 09:52 hrs
1352	☐	WG-PT-5233	4.88	49.69	Surcharged	0.00	0 - 09:48 hrs	0.00	3.86	0.00	0.04	0.00	5.37	3.38	0.00	0.04	0.72	3.56	0 - 10:07 hrs
1353	☐	WG-PT-75061	11.56	96.18	w Maximum	0.49	0 - 09:51 hrs	0.00	54.17	0.00	4.58	168.69	1.48	9.06	0.49	0.00	0.00	0.00	0 - 00:00 hrs
1354	☐	WG-PT-75077	9.90	97.31	w Maximum	0.00	0 - 09:56 hrs	0.00	95.22	0.00	9.88	-664.86	0.80	5.90	0.00	0.00	0.00	25.34	0 - 09:56 hrs
1355	☐	WG_DI_01	5.00	50.00	low Link Crov	0.00	0 - 09:53 hrs	57.93	57.93	3.59	3.63	0.00	1.34	0.00	0.00	0.25	0.67	30.49	0 - 09:53 hrs
1356	☐	WG_DI_02	5.00	130.00	low Link Crov	0.00	0 - 09:33 hrs	197.19	197.19	12.11	12.10	0.00	11.44	0.00	0.00	5.21	5.72	179.10	0 - 10:03 hrs
1357	☐	WG_DI_03	5.00	120.00	low Link Crov	0.00	0 - 09:53 hrs	222.89	222.89	14.85	14.85	0.00	3.37	0.00	0.00	2.25	1.68	159.15	0 - 10:03 hrs
1358	☐	WG_DI_04	5.00	105.00	low Link Crov	0.00	0 - 10:08 hrs	23.35	35.35	1.06	1.08	0.00	0.30	0.00	0.00	0.01	0.15	4.80	0 - 10:08 hrs
1359	☐	WG_DI_05	5.00	108.00	low Link Crov	0.00	0 - 09:57 hrs	199.30	199.30	11.74	11.74	0.00	0.88	0.00	0.00	0.52	0.44	91.19	0 - 10:03 hrs
1360	☐	WG_DI_06	8.00	94.00	w Maximum	0.00	0 - 09:53 hrs	55.59	55.59	2.57	2.57	0.00	1.21	4.50	0.00	0.17	0.39	31.40	0 - 09:53 hrs

FUTURE CONDITIONS 20-YR 24-HR CLIMATE CHANGE CONDUITS

		ID	Full Depth (ft)	Full Flow (cfs)	Percent Slope (%)	Maximum Flow (cfs)	Maximum Flow Class	Max.Flow Day-Time (day-time)	Velocity at Maximum Flow (ft/s)	Maximum Velocity (ft/s)	Max.Flow/Fu ll Flow	Max.Depth/F ull Depth	Reserve Capacity (cfs)	Total Flow Volume (MG)	Maximum Top Width (ft)	Both End Surcharge Time (hrs)	Upstream Surcharge Time (hrs)	Downstream Surcharge Time (hrs)	Above Full-Flow Time (hrs)	Capacity Limited Time (hrs)	Instability Index
1	☐	0	2.00	11.88	0.24	11.95	ceeds Capac	0 - 09:59 hrs	3.80	3.80	1.01	1.00	-0.07	0.45	2.00	14.17	14.17	14.30	0.00	0.13	61
2	☐	10	4.00	105.70	0.54	58.64	Free Surface	0 - 10:04 hrs	9.56	9.56	0.55	0.49	47.06	3.51	4.00	0.00	0.00	0.00	0.00	0.00	0
3	☐	100	3.00	30.53	0.60	14.28	Free Surface	0 - 10:04 hrs	3.02	3.02	0.47	0.63	16.25	0.61	3.00	0.00	0.00	0.00	0.00	0.00	0
4	☐	1000	5.50	182.68	0.30	107.90	Backwater	0 - 09:59 hrs	4.54	4.54	0.59	1.00	74.78	13.74	5.50	7.49	7.49	7.87	0.00	0.81	32
5	☐	1001	5.00	82.17	0.10	107.88	ceeds Capac	0 - 09:59 hrs	5.49	5.49	1.31	1.00	-25.70	13.77	5.00	9.80	9.80	10.37	1.00	1.69	33
6	☐	1002	5.50	139.87	0.17	107.88	Backwater	0 - 09:59 hrs	4.54	4.54	0.77	1.00	31.99	13.67	5.50	6.86	6.86	13.85	0.00	0.00	35
7	☐	1003	3.50	27.15	0.07	51.36	ceeds Capac	0 - 10:18 hrs	5.34	5.34	1.89	1.00	-24.21	8.86	3.50	3.11	3.15	3.11	3.82	2.70	12
8	☐	1004	2.75	30.85	0.34	18.63	Backwater	0 - 09:52 hrs	3.14	3.14	0.60	1.00	12.22	2.72	2.75	15.42	15.42	16.84	0.00	0.00	53
9	☐	1005	1.50	3.07	0.11	4.37	ceeds Capac	0 - 10:48 hrs	2.47	2.47	1.42	1.00	-1.30	0.23	1.50	1.53	1.58	1.54	1.62	1.53	3
10	☐	1006	2.50	19.22	0.22	26.50	ceeds Capac	0 - 09:51 hrs	5.40	5.40	1.38	1.00	-7.28	3.04	2.50	1.15	1.17	1.16	0.57	0.50	5
11	☐	1007	2.00	9.12	0.16	17.98	ceeds Capac	0 - 09:48 hrs	5.72	5.72	1.97	1.00	-8.86	2.22	2.00	1.97	1.97	1.97	1.74	1.61	3
12	☐	1008	3.00	32.17	0.23	16.01	Backwater	0 - 10:07 hrs	2.27	2.27	0.50	1.00	16.16	1.58	3.00	16.94	16.94	18.27	0.00	0.00	47
13	☐	1009	3.00	38.14	0.33	16.04	Backwater	0 - 10:02 hrs	2.27	2.41	0.42	1.00	22.09	1.56	3.00	18.12	18.12	18.85	0.00	0.00	70
14	☐	101	2.25	39.62	1.64	22.45	Free Surface	0 - 10:04 hrs	6.84	6.84	0.57	0.77	17.16	1.71	2.25	0.00	0.00	23.74	0.00	0.00	0
15	☐	1010	3.00	31.60	0.22	16.07	Backwater	0 - 10:07 hrs	2.27	2.27	0.51	1.00	15.54	1.55	3.00	19.65	19.65	19.93	0.00	0.00	69
16	☐	1011	2.50	39.35	0.92	40.18	ceeds Capac	0 - 09:59 hrs	8.19	8.19	1.02	1.00	-0.83	2.73	2.50	0.57	0.57	5.82	0.03	0.06	17
17	☐	1012	2.50	11.49	0.08	40.17	ceeds Capac	0 - 09:59 hrs	8.18	8.18	3.50	1.00	-28.68	2.73	2.50	0.62	0.74	0.62	1.53	0.62	5
18	☐	1013	2.50	19.25	0.22	40.18	ceeds Capac	0 - 09:59 hrs	8.18	8.18	2.09	1.00	-20.93	2.73	2.50	0.71	0.74	0.74	0.89	0.71	1
19	☐	1014	2.00	12.21	0.29	17.91	ceeds Capac	0 - 09:51 hrs	5.70	5.70	1.47	1.00	-5.70	1.58	2.00	0.94	0.94	1.00	0.72	0.75	1
20	☐	1015	2.00	13.29	0.35	17.92	ceeds Capac	0 - 09:51 hrs	5.70	5.70	1.35	1.00	-4.63	1.58	2.00	0.83	0.83	0.90	0.59	0.56	1
21	☐	1016	2.00	12.67	0.31	17.93	ceeds Capac	0 - 09:51 hrs	5.71	5.71	1.42	1.00	-5.26	1.57	2.00	0.78	0.78	0.83	0.68	0.62	1
22	☐	1017	2.00	17.50	0.60	16.43	Backwater	0 - 10:08 hrs	5.23	5.23	0.94	1.00	1.07	1.11	2.00	0.66	0.66	0.78	0.00	0.00	1
23	☐	1018	2.00	14.84	0.43	17.40	ceeds Capac	0 - 10:07 hrs	5.54	5.54	1.17	1.00	-2.55	1.50	2.00	1.25	1.25	1.41	0.61	0.62	4
24	☐	1019	2.00	11.10	0.24	13.07	ceeds Capac	0 - 10:44 hrs	4.16	4.16	1.18	1.00	-1.97	1.64	2.00	1.44	1.44	1.50	0.52	0.51	2
25	☐	102	2.00	19.73	0.76	22.47	Free Surface	0 - 10:00 hrs	8.31	8.35	1.14	0.80	-2.74	1.71	2.00	0.00	0.45	0.00	0.42	0.00	1
26	☐	1020	2.00	15.15	0.45	15.91	ceeds Capac	0 - 10:44 hrs	5.06	5.06	1.05	1.00	-0.76	2.25	2.00	1.45	1.45	1.53	0.40	0.44	6
27	☐	1021	2.00	9.62	0.18	15.91	ceeds Capac	0 - 10:44 hrs	5.06	5.06	1.65	1.00	-6.29	2.25	2.00	1.52	1.57	1.52	1.89	1.46	5
28	☐	1022	2.00	9.79	0.19	15.91	ceeds Capac	0 - 10:44 hrs	5.06	5.06	1.62	1.00	-6.12	2.25	2.00	1.46	1.55	1.46	1.67	1.39	5
29	☐	1023	2.00	12.95	0.33	26.00	ceeds Capac	0 - 09:57 hrs	8.28	8.28	2.01	1.00	-13.05	2.90	2.00	1.39	1.53	1.39	1.65	1.39	4
30	☐	1024	2.00	10.61	0.22	25.98	ceeds Capac	0 - 09:57 hrs	8.27	8.27	2.45	1.00	-15.37	2.90	2.00	0.59	1.57	0.59	2.20	0.59	4
31	☐	1025	2.00	17.34	0.59	26.03	Free Surface	0 - 09:59 hrs	8.47	8.47	1.50	0.95	-8.69	2.90	2.00	0.00	0.59	0.00	1.15	0.00	1
32	☐	1026	3.00	39.31	0.35	25.57	Free Surface	0 - 10:06 hrs	3.78	4.06	0.65	0.93	13.74	2.90	3.00	0.00	0.00	10.44	0.00	0.00	20
33	☐	1027	2.00	12.96	0.33	20.12	ceeds Capac	0 - 09:56 hrs	6.40	6.40	1.55	1.00	-7.16	1.57	2.00	0.47	0.48	0.47	0.56	0.47	1
34	☐	1028	2.00	10.50	0.22	20.17	ceeds Capac	0 - 09:52 hrs	6.42	6.42	1.92	1.00	-9.67	1.57	2.00	0.46	0.54	0.46	0.76	0.46	1
35	☐	1029	2.00	12.52	0.31	20.12	ceeds Capac	0 - 09:56 hrs	6.41	6.41	1.61	1.00	-7.61	1.57	2.00	0.40	0.44	0.40	0.60	0.39	1
36	☐	103	2.00	18.27	0.65	23.07	ceeds Capac	0 - 09:52 hrs	7.35	7.35	1.26	1.00	-4.80	1.71	2.00	0.45	0.46	0.45	0.49	0.43	2
37	☐	1030	2.00	12.48	0.30	20.12	ceeds Capac	0 - 09:56 hrs	6.40	6.40	1.61	1.00	-7.65	1.57	2.00	0.37	0.42	0.37	0.61	0.37	1
38	☐	1031	2.00	12.19	0.29	20.20	ceeds Capac	0 - 09:56 hrs	6.76	6.77	1.66	1.00	-8.02	1.57	2.00	0.18	0.39	0.18	0.63	0.18	1
39	☐	1032	2.25	26.76	0.75	21.94	Backwater	0 - 10:11 hrs	6.05	7.33	0.82	1.00	4.82	1.56	2.25	0.17	0.17	0.29	0.00	0.00	0
40	☐	1033	2.25	33.77	1.19	21.94	Backwater	0 - 10:11 hrs	5.52	7.36	0.65	1.00	11.83	1.56	2.25	0.32	0.32	0.40	0.00	0.00	1
41	☐	1035	2.50	22.73	0.31	35.71	ceeds Capac	0 - 09:57 hrs	7.27	7.27	1.57	1.00	-12.98	2.50	2.50	0.38	0.39	0.38	0.50	0.38	0
42	☐	1036	2.50	22.74	0.31	35.72	Free Surface	0 - 09:57 hrs	7.41	7.44	1.57	1.00	-12.98	2.50	2.50	0.00	0.38	0.00	0.50	0.00	0
43	☐	1037	2.50	30.88	0.57	36.29	ceeds Capac	0 - 09:56 hrs	7.43	7.43	1.18	1.00	-5.41	2.50	2.48	0.01	0.14	0.01	0.29	0.01	0
44	☐	1038	2.50	36.15	0.78	36.56	ceeds Capac	0 - 09:56 hrs	7.45	7.45	1.01	1.00	-0.40	2.49	2.05	0.21	0.21	0.28	0.01	0.03	0
45	☐	1039	2.50	19.99	0.24	36.56	Free Surface	0 - 09:56 hrs	7.54	7.54	1.83	0.96	-16.58	2.49	1.54	0.00	0.28	0.00	0.59	0.00	0
46	☐	104	2.00	27.45	1.47	23.09	Backwater	0 - 09:52 hrs	8.09	8.09	0.84	1.00	4.36	1.71	2.00	0.39	0.39	0.46	0.00	0.00	2
47	☐	1040	2.50	33.85	0.68	51.09	ceeds Capac	0 - 09:59 hrs	10.41	10.41	1.51	1.00	-17.24	2.00	2.50	0.14	0.20	0.14	0.23	0.14	0
48	☐	1042	3.50	67.70	0.45	50.52	Backwater	0 - 09:59 hrs	5.25	6.55	0.75	1.00	17.18	2.00	3.50	0.09	0.09	0.15	0.00	0.00	0
49	☐	1043	3.50	44.49	0.20	50.76	Backwater	0 - 09:59 hrs	5.28	5.28	1.14	1.00	-6.27	2.00	3.50	0.16	0.16	0.17	0.02	0.00	0

FUTURE CONDITIONS 20-YR 24-HR CLIMATE CHANGE CONDUITS

		ID	Full Depth (ft)	Full Flow (cfs)	Percent Slope (%)	Maximum Flow (cfs)	Maximum Flow Class	Max.Flow Day-Time (day-time)	Velocity at Maximum Flow (ft/s)	Maximum Velocity (ft/s)	Max.Flow/Fu ll Flow	Max.Depth/F ull Depth	Reserve Capacity (cfs)	Total Flow Volume (MG)	Maximum Top Width (ft)	Both End Surcharge Time (hrs)	Upstream Surcharge Time (hrs)	Downstream Surcharge Time (hrs)	Above Full-Flow Time (hrs)	Capacity Limited Time (hrs)	Instability Index
50	☐	1044	3.50	51.97	0.27	50.91	Backwater	0 - 09:59 hrs	5.29	5.29	0.98	1.00	1.07	1.99	3.50	0.16	0.16	0.19	0.00	0.01	0
51	☐	1045	3.50	61.38	0.37	86.66	ceeds Capac	0 - 09:59 hrs	9.01	9.01	1.41	1.00	-25.28	3.35	3.50	0.21	0.21	0.22	0.19	0.16	0
52	☐	1046	3.50	41.53	0.17	86.64	ceeds Capac	0 - 09:59 hrs	9.39	9.39	2.09	1.00	-45.11	3.34	3.50	0.10	0.19	0.10	0.35	0.10	0
53	☐	1047	3.50	87.30	0.75	80.56	Backwater	0 - 09:59 hrs	8.73	8.73	0.92	1.00	6.74	3.35	3.50	0.10	0.10	0.16	0.00	0.00	0
54	☐	1048	3.50	55.22	0.30	79.97	ceeds Capac	0 - 09:59 hrs	8.48	8.48	1.45	1.00	-24.75	3.35	3.50	0.15	0.16	0.15	0.27	0.14	0
55	☐	1049	4.00	75.82	0.28	79.95	Backwater	0 - 10:00 hrs	7.46	7.46	1.05	1.00	-4.13	3.35	4.00	0.09	0.09	0.11	0.02	0.01	0
56	☐	105	2.00	18.69	0.68	24.76	ceeds Capac	0 - 09:53 hrs	7.89	8.31	1.32	1.00	-6.07	1.71	2.00	0.39	0.43	0.39	0.46	0.39	1
57	☐	1050	4.00	74.75	0.27	80.40	Backwater	0 - 10:00 hrs	7.90	7.93	1.08	1.00	-5.65	3.35	4.00	0.11	0.11	0.13	0.02	0.03	0
58	☐	1051	4.00	90.82	0.40	81.46	Backwater	0 - 10:00 hrs	7.59	8.00	0.90	1.00	9.36	3.34	4.00	0.13	0.13	0.15	0.00	0.01	0
59	☐	1052	4.00	100.20	0.49	76.99	Backwater	0 - 10:00 hrs	6.98	7.14	0.77	1.00	23.21	3.34	4.00	0.15	0.15	0.20	0.00	0.00	0
60	☐	1053	4.00	79.87	0.31	83.28	ceeds Capac	0 - 09:59 hrs	8.33	8.73	1.04	1.00	-3.41	3.81	4.00	0.20	0.20	0.23	0.05	0.04	0
61	☐	1054	4.00	153.88	1.15	83.31	Backwater	0 - 09:57 hrs	10.43	10.43	0.54	1.00	70.57	3.80	4.00	0.23	0.23	0.26	0.00	0.00	6
62	☐	1055	4.00	183.46	1.63	81.34	Backwater	0 - 10:04 hrs	6.47	6.47	0.44	1.00	102.12	3.80	4.00	0.28	0.28	0.36	0.00	0.00	4
63	☐	1056	4.00	80.08	0.31	81.30	ceeds Capac	0 - 10:04 hrs	6.47	6.47	1.02	1.00	-1.22	3.80	4.00	0.27	0.27	0.32	0.05	0.05	3
64	☐	1057	4.00	80.35	0.31	105.91	ceeds Capac	0 - 10:03 hrs	8.43	8.43	1.32	1.00	-25.56	4.85	4.00	0.32	0.32	0.34	0.22	0.21	3
65	☐	1058	4.00	87.56	0.37	105.93	ceeds Capac	0 - 10:03 hrs	8.43	8.43	1.21	1.00	-18.38	4.85	4.00	0.34	0.34	0.38	0.13	0.14	3
66	☐	1059	4.00	110.02	0.59	105.95	Backwater	0 - 10:03 hrs	8.43	8.43	0.96	1.00	4.07	4.83	4.00	0.38	0.38	0.40	0.00	0.06	3
67	☐	106	6.00	303.63	0.51	141.22	Backwater	0 - 09:59 hrs	4.99	4.99	0.47	1.00	162.41	9.91	6.00	0.92	0.92	20.80	0.00	0.00	19
68	☐	1060	4.00	32.40	0.05	105.94	Backwater	0 - 10:03 hrs	8.43	8.43	3.27	1.00	-73.54	4.83	4.00	0.34	0.34	0.40	0.67	0.00	4
69	☐	1061	1.75	11.17	0.66	23.93	ceeds Capac	0 - 09:52 hrs	9.95	9.95	2.14	1.00	-12.76	1.69	1.62	1.53	1.53	23.97	0.97	0.98	4
70	☐	1062	4.00	77.18	0.29	126.15	ceeds Capac	0 - 10:03 hrs	10.04	10.04	1.63	1.00	-48.97	6.51	3.97	0.30	0.34	0.30	0.45	0.30	1
71	☐	1063	4.00	76.68	0.28	126.11	ceeds Capac	0 - 10:03 hrs	10.05	10.05	1.64	1.00	-49.43	6.49	3.56	0.00	0.30	0.01	0.45	0.00	2
72	☐	1064	1.75	6.63	0.23	1.77	Free Surface	0 - 09:59 hrs	2.59	2.63	0.27	0.33	4.86	0.06	1.73	0.00	0.00	0.00	0.00	0.00	0
73	☐	1065	2.50	69.95	2.91	20.29	Free Surface	0 - 09:59 hrs	5.67	5.67	0.29	0.68	49.66	0.76	2.45	0.00	0.00	24.00	0.00	0.00	1
74	☐	1066	2.50	23.19	0.32	18.62	Free Surface	0 - 09:59 hrs	5.73	5.73	0.80	0.63	4.58	0.70	2.50	0.00	0.00	0.00	0.00	0.00	0
75	☐	1067	3.00	38.68	0.34	41.93	Backwater	0 - 00:00 hrs	6.04	6.13	1.08	1.00	-3.25	1.26	1.20	0.05	0.05	24.00	0.00	0.00	0
76	☐	1068	3.00	36.91	0.31	32.16	Free Surface	0 - 09:59 hrs	4.68	5.18	0.87	0.94	4.75	1.26	2.94	0.00	0.00	0.00	0.00	0.00	0
77	☐	1069	1.25	7.83	1.95	7.09	Backwater	0 - 09:59 hrs	5.78	5.78	0.91	1.00	0.74	0.25	1.21	0.20	0.20	23.98	0.00	0.00	0
78	☐	107	3.00	44.98	0.45	21.54	Backwater	0 - 13:30 hrs	3.05	3.05	0.48	1.00	23.44	8.19	3.00	20.74	20.74	20.83	0.00	0.25	75
79	☐	1070	2.00	35.98	2.53	20.39	Backwater	0 - 09:51 hrs	7.91	9.08	0.57	1.00	15.60	1.79	2.00	0.68	0.68	0.76	0.00	0.00	2
80	☐	1071	2.00	20.15	0.79	18.27	Backwater	0 - 10:26 hrs	5.81	6.69	0.91	1.00	1.88	1.79	2.00	0.76	0.76	0.91	0.00	0.00	2
81	☐	1072	2.50	28.94	0.50	28.16	Backwater	0 - 09:52 hrs	5.74	5.74	0.97	1.00	0.78	2.52	2.50	0.92	0.92	1.24	0.00	0.01	2
82	☐	1073	2.50	13.32	0.11	28.14	Backwater	0 - 09:52 hrs	5.73	5.73	2.11	1.00	-14.81	2.52	2.50	0.90	0.90	1.24	1.31	0.00	2
83	☐	1074	3.50	61.22	0.37	128.20	Free Surface	0 - 09:59 hrs	13.45	13.45	2.09	0.97	-66.98	5.98	3.50	0.00	0.31	0.00	0.50	0.00	0
84	☐	1075	3.50	39.62	0.16	128.20	ceeds Capac	0 - 09:59 hrs	13.32	13.32	3.24	1.00	-88.57	5.98	3.50	0.35	0.41	0.35	0.86	0.35	1
85	☐	1076	3.50	118.26	1.38	128.21	ceeds Capac	0 - 09:59 hrs	13.33	13.33	1.08	1.00	-9.95	5.99	3.50	0.24	0.24	0.43	0.13	0.09	0
86	☐	1077	3.50	88.36	0.77	122.54	ceeds Capac	0 - 09:59 hrs	12.74	12.74	1.39	1.00	-34.18	5.79	3.50	0.25	0.25	0.29	0.27	0.24	0
87	☐	1078	3.50	53.66	0.28	78.40	ceeds Capac	0 - 09:59 hrs	8.15	8.15	1.46	1.00	-24.74	3.87	3.50	0.21	0.22	0.21	0.35	0.21	0
88	☐	1079	3.50	51.12	0.26	78.35	ceeds Capac	0 - 09:59 hrs	8.14	8.14	1.53	1.00	-27.22	3.87	3.50	0.22	0.28	0.22	0.37	0.22	0
89	☐	108	3.00	46.99	0.50	21.54	Backwater	0 - 13:32 hrs	3.05	3.05	0.46	1.00	25.45	8.18	3.00	20.14	20.14	20.74	0.00	0.00	77
90	☐	1080	3.00	35.10	0.28	69.41	Free Surface	0 - 09:59 hrs	10.06	10.06	1.98	0.94	-34.32	5.00	3.00	0.00	0.62	0.00	0.90	0.00	0
91	☐	1082	3.00	23.78	0.13	69.42	ceeds Capac	0 - 09:59 hrs	9.82	9.82	2.92	1.00	-45.64	5.00	3.00	0.47	0.89	0.47	1.46	0.47	0
92	☐	1083	3.00	20.20	0.09	50.07	ceeds Capac	0 - 09:56 hrs	7.08	7.08	2.48	1.00	-29.88	4.20	3.00	0.85	0.93	0.85	1.48	0.85	1
93	☐	1084	2.00	23.86	1.11	27.80	ceeds Capac	0 - 10:00 hrs	8.85	8.85	1.17	1.00	-3.94	1.24	2.00	0.15	0.16	0.15	0.19	0.15	0
94	☐	1085	2.00	20.99	0.86	27.79	ceeds Capac	0 - 10:00 hrs	8.85	8.85	1.32	1.00	-6.80	1.24	2.00	0.16	0.21	0.16	0.24	0.15	0
95	☐	1086	2.00	18.60	0.68	25.67	ceeds Capac	0 - 09:59 hrs	8.17	8.17	1.38	1.00	-7.06	1.02	1.99	0.21	0.21	0.31	0.18	0.17	0
96	☐	1087	2.00	14.91	0.43	25.63	ceeds Capac	0 - 09:59 hrs	8.16	8.16	1.72	1.00	-10.72	1.02	2.00	0.17	0.18	0.17	0.26	0.17	0
97	☐	1088	2.00	19.41	0.74	25.66	ceeds Capac	0 - 09:59 hrs	8.17	8.17	1.32	1.00	-6.25	1.02	2.00	0.18	0.18	0.21	0.16	0.16	0
98	☐	1089	2.00	14.47	0.41	25.65	ceeds Capac	0 - 09:59 hrs	8.16	8.16	1.77	1.00	-11.18	1.02	2.00	0.18	0.21	0.18	0.27	0.18	0

FUTURE CONDITIONS 20-YR 24-HR CLIMATE CHANGE CONDUITS

		ID	Full Depth (ft)	Full Flow (cfs)	Percent Slope (%)	Maximum Flow (cfs)	Maximum Flow Class	Max.Flow Day-Time (day-time)	Velocity at Maximum Flow (ft/s)	Maximum Velocity (ft/s)	Max.Flow/Fu ll Flow	Max.Depth/F ull Depth	Reserve Capacity (cfs)	Total Flow Volume (MG)	Maximum Top Width (ft)	Both End Surcharge Time (hrs)	Upstream Surcharge Time (hrs)	Downstream Surcharge Time (hrs)	Above Full-Flow Time (hrs)	Capacity Limited Time (hrs)	Instability Index
99	☐	1090	2.00	20.24	0.80	25.65	ceeds Capac	0 - 09:59 hrs	8.16	8.16	1.27	1.00	-5.41	1.02	2.00	0.21	0.21	0.25	0.15	0.15	0
100	☐	1091	2.00	4.64	0.04	25.66	ceeds Capac	0 - 09:59 hrs	8.17	8.17	5.53	1.00	-21.02	1.02	2.00	0.19	0.28	0.19	1.00	0.19	0
101	☐	1092	3.00	112.63	2.85	69.23	Free Surface	0 - 09:59 hrs	12.64	12.64	0.61	0.72	43.39	5.00	3.00	0.00	0.00	0.00	0.00	0.00	0
102	☐	1093	3.00	94.67	2.01	69.14	Free Surface	0 - 09:59 hrs	14.59	14.59	0.73	0.64	25.53	5.00	3.00	0.00	0.00	0.00	0.00	0.00	0
103	☐	1094	3.00	66.21	0.99	73.81	ceeds Capac	0 - 09:59 hrs	10.44	10.44	1.11	1.00	-7.61	5.17	3.00	0.24	0.24	0.30	0.20	0.19	0
104	☐	1095	3.00	34.38	0.27	73.81	ceeds Capac	0 - 09:59 hrs	10.44	10.44	2.15	1.00	-39.43	5.16	3.00	0.30	0.39	0.30	0.95	0.30	0
105	☐	1096	3.00	45.34	0.46	73.82	Free Surface	0 - 09:59 hrs	10.64	10.64	1.63	0.95	-28.47	5.16	3.00	0.00	0.38	0.00	0.66	0.00	0
106	☐	1097	2.00	17.60	0.61	23.93	ceeds Capac	0 - 09:52 hrs	7.62	7.62	1.36	1.00	-6.33	1.69	2.00	0.74	0.74	1.27	0.57	0.57	1
107	☐	1098	2.00	9.68	0.18	23.93	ceeds Capac	0 - 09:52 hrs	7.62	7.62	2.47	1.00	-14.25	1.70	2.00	0.70	0.81	0.70	1.22	0.70	1
108	☐	1099	2.00	6.64	0.09	16.74	ceeds Capac	0 - 10:11 hrs	5.33	5.33	2.52	1.00	-10.10	1.20	2.00	0.81	0.83	0.81	1.24	0.73	1
109	☐	11	2.00	15.99	0.50	21.44	ceeds Capac	0 - 09:45 hrs	6.89	6.93	1.34	1.00	-5.45	4.49	2.00	2.09	3.21	2.09	3.48	2.09	0
110	☐	110	3.50	193.44	3.70	42.93	Backwater	0 - 18:12 hrs	4.46	4.46	0.22	1.00	150.51	13.03	3.50	21.48	21.48	21.56	0.00	0.00	81
111	☐	1100	1.50	9.33	1.05	2.11	Backwater	0 - 09:53 hrs	1.80	1.94	0.23	1.00	7.22	0.00	1.50	0.22	0.22	0.26	0.00	0.00	1
112	☐	1101	2.50	40.14	0.96	28.12	Backwater	0 - 09:52 hrs	5.73	5.73	0.70	1.00	12.01	2.51	2.50	0.90	0.90	1.34	0.00	0.00	4
113	☐	1102	2.50	15.15	0.14	32.59	ceeds Capac	0 - 09:52 hrs	6.64	6.64	2.15	1.00	-17.44	2.96	2.50	0.90	0.96	0.90	1.44	0.90	5
114	☐	1103	2.50	26.63	0.42	32.62	Backwater	0 - 09:52 hrs	6.64	6.64	1.22	1.00	-5.99	2.96	2.50	0.96	0.96	1.34	0.44	0.00	6
115	☐	1104	1.50	14.33	2.48	11.98	Backwater	0 - 09:52 hrs	7.91	8.96	0.84	1.00	2.34	0.67	1.50	0.48	0.48	0.51	0.00	0.00	1
116	☐	1105	2.00	17.20	0.58	10.93	Backwater	0 - 09:52 hrs	4.11	4.37	0.64	1.00	6.27	0.67	2.00	0.53	0.53	0.58	0.00	0.00	1
117	☐	1106	2.25	22.35	0.52	27.39	ceeds Capac	0 - 09:59 hrs	6.89	6.89	1.23	1.00	-5.04	1.52	2.25	0.56	0.56	0.59	0.27	0.28	1
118	☐	1107	2.25	22.18	0.51	21.31	Backwater	0 - 10:10 hrs	5.36	5.93	0.96	1.00	0.87	1.49	2.25	0.61	0.61	0.63	0.00	0.00	0
119	☐	1108	2.25	22.39	0.52	22.04	Backwater	0 - 10:10 hrs	5.54	6.17	0.98	1.00	0.35	1.77	2.25	0.63	0.63	0.67	0.00	0.00	0
120	☐	1109	3.00	36.53	0.30	66.91	ceeds Capac	0 - 09:53 hrs	9.53	9.83	1.83	1.00	-30.38	5.13	3.00	0.54	0.66	0.54	0.81	0.41	1
121	☐	111	4.00	41.80	0.08	45.97	Backwater	0 - 11:25 hrs	3.66	3.66	1.10	1.00	-4.16	15.04	4.00	20.55	20.55	21.37	10.62	0.00	57
122	☐	1110	3.00	55.81	0.70	66.90	ceeds Capac	0 - 09:53 hrs	9.46	9.46	1.20	1.00	-11.09	5.14	3.00	0.57	0.57	0.60	0.20	0.18	1
123	☐	1111	3.00	36.38	0.30	67.26	ceeds Capac	0 - 09:52 hrs	9.53	9.53	1.85	1.00	-30.88	5.26	3.00	0.57	0.82	0.57	0.95	0.57	0
124	☐	1112	3.00	39.76	0.36	44.81	ceeds Capac	0 - 09:52 hrs	6.34	6.34	1.13	1.00	-5.05	3.60	3.00	0.68	0.68	0.85	0.14	0.14	0
125	☐	1113	2.50	27.12	0.44	54.17	ceeds Capac	0 - 09:59 hrs	11.04	11.04	2.00	1.00	-27.05	4.58	2.50	0.74	0.84	0.74	1.11	0.74	2
126	☐	1114	2.50	20.96	0.26	31.43	ceeds Capac	0 - 10:26 hrs	6.40	6.40	1.50	1.00	-10.47	3.00	2.50	0.83	0.90	0.84	0.84	0.64	1
127	☐	1115	2.50	21.52	0.28	18.79	Backwater	0 - 09:59 hrs	3.83	4.61	0.87	1.00	2.74	1.40	2.50	0.81	0.81	0.85	0.00	0.00	1
128	☐	1116	3.50	165.91	2.72	59.27	Backwater	0 - 10:30 hrs	8.13	10.00	0.36	1.00	106.65	5.13	3.50	0.49	0.49	0.62	0.00	0.00	1
129	☐	1117	3.50	70.95	0.50	59.19	Backwater	0 - 10:30 hrs	6.15	6.50	0.83	1.00	11.76	5.13	3.50	0.62	0.62	0.66	0.00	0.01	1
130	☐	1118	3.50	60.50	0.36	98.63	ceeds Capac	0 - 09:53 hrs	10.25	10.25	1.63	1.00	-38.14	7.63	3.50	0.63	0.70	0.63	0.83	0.63	2
131	☐	1119	3.50	87.05	0.75	107.88	ceeds Capac	0 - 09:53 hrs	11.23	11.23	1.24	1.00	-20.83	8.31	3.50	0.49	0.49	0.59	0.47	0.45	1
132	☐	112	4.50	85.35	0.19	72.65	Backwater	0 - 09:59 hrs	4.57	4.57	0.85	1.00	12.70	15.95	4.50	16.36	16.36	19.03	0.00	0.00	42
133	☐	1120	3.50	87.98	0.76	107.48	ceeds Capac	0 - 09:59 hrs	11.17	11.17	1.22	1.00	-19.49	8.31	3.50	0.58	0.58	0.64	0.45	0.44	1
134	☐	1121	3.50	98.25	0.95	140.30	ceeds Capac	0 - 09:59 hrs	14.58	14.58	1.43	1.00	-42.05	9.69	3.39	0.63	0.63	23.92	0.46	0.45	1
135	☐	1122	3.50	54.95	0.30	110.80	ceeds Capac	0 - 09:53 hrs	11.52	11.52	2.02	1.00	-55.85	8.31	3.50	0.53	0.74	0.53	0.95	0.53	1
136	☐	1123	2.50	56.43	1.89	54.17	Free Surface	0 - 09:59 hrs	12.99	12.99	0.96	0.79	2.26	4.58	2.50	0.00	0.44	0.00	0.00	0.00	1
137	☐	1124	2.50	33.46	0.67	54.15	ceeds Capac	0 - 09:59 hrs	11.03	11.03	1.62	1.00	-20.69	4.58	2.50	0.44	0.74	0.44	0.86	0.44	2
138	☐	1126	2.00	21.61	0.91	7.46	Backwater	0 - 10:12 hrs	2.61	3.52	0.35	1.00	14.15	0.54	2.00	0.15	0.15	0.18	0.00	0.01	0
139	☐	1128	2.00	7.88	0.12	28.11	Backwater	0 - 10:07 hrs	8.95	8.95	3.56	1.00	-20.22	1.55	2.00	0.31	0.31	0.38	1.10	0.00	0
140	☐	1129	2.00	7.91	0.12	0.00	Backwater	0 - 00:00 hrs	0.00	0.00	0.00	1.00	7.91	0.00	0.78	21.92	21.92	24.00	0.00	0.00	0
141	☐	1130	3.50	41.64	0.17	30.05	Backwater	0 - 10:00 hrs	3.12	3.12	0.72	1.00	11.59	1.74	3.50	7.54	7.54	10.38	0.00	0.00	33
142	☐	1131	1.50	5.40	0.35	14.87	Backwater	0 - 09:49 hrs	8.42	8.42	2.76	1.00	-9.47	0.23	1.50	1.54	1.54	1.56	0.01	0.60	7
143	☐	1132	2.25	43.29	1.95	35.52	Backwater	0 - 09:59 hrs	8.93	8.93	0.82	1.00	7.77	2.04	2.25	1.71	1.71	1.73	0.00	0.37	5
144	☐	1133	3.50	160.66	2.55	50.64	Backwater	0 - 09:49 hrs	5.26	6.31	0.32	1.00	110.01	8.45	3.50	1.54	1.55	1.59	0.00	0.17	6
145	☐	1134	4.00	81.43	0.32	70.90	Backwater	0 - 09:59 hrs	5.64	5.64	0.87	1.00	10.52	8.99	4.00	1.40	1.40	1.63	0.00	0.00	6
146	☐	1135	3.50	56.38	0.31	56.46	Backwater	0 - 09:49 hrs	6.37	6.52	1.00	1.00	-0.08	8.46	3.50	1.35	1.35	1.59	0.00	0.00	5
147	☐	1136	1.50	3.65	0.16	8.65	ceeds Capac	0 - 09:51 hrs	4.91	4.91	2.37	1.00	-5.00	1.06	1.50	1.58	2.07	1.58	2.71	1.58	2

FUTURE CONDITIONS 20-YR 24-HR CLIMATE CHANGE CONDUITS

		ID	Full Depth (ft)	Full Flow (cfs)	Percent Slope (%)	Maximum Flow (cfs)	Maximum Flow Class	Max.Flow Day-Time (day-time)	Velocity at Maximum Flow (ft/s)	Maximum Velocity (ft/s)	Max.Flow/Fu ll Flow	Max.Depth/F ull Depth	Reserve Capacity (cfs)	Total Flow Volume (MG)	Maximum Top Width (ft)	Both End Surcharge Time (hrs)	Upstream Surcharge Time (hrs)	Downstream Surcharge Time (hrs)	Above Full-Flow Time (hrs)	Capacity Limited Time (hrs)	Instability Index
148	☐	114	4.00	99.18	0.48	100.99	Free Surface	0 - 10:06 hrs	9.31	9.31	1.02	0.81	-1.81	9.97	4.00	0.00	0.00	0.00	0.42	0.00	0
149	☐	1140	2.50	17.69	0.19	21.48	ceeds Capac	0 - 10:29 hrs	4.38	4.38	1.21	1.00	-3.80	2.38	2.50	1.44	1.44	5.76	0.88	0.89	5
150	☐	1141	2.50	21.49	0.27	21.48	Backwater	0 - 10:29 hrs	4.38	4.38	1.00	1.00	0.00	2.37	2.50	20.41	20.41	20.78	0.00	0.20	42
151	☐	1142	2.50	7.08	0.03	19.93	ceeds Capac	0 - 09:52 hrs	4.06	4.06	2.82	1.00	-12.85	1.31	2.50	0.59	0.61	0.59	1.08	0.57	1
152	☐	1143	2.50	25.83	0.40	41.54	ceeds Capac	0 - 09:59 hrs	8.46	8.46	1.61	1.00	-15.71	2.41	2.50	0.64	0.64	0.69	0.44	0.43	1
153	☐	1144	2.50	29.01	0.50	41.55	ceeds Capac	0 - 09:59 hrs	8.46	8.46	1.43	1.00	-12.54	2.41	2.50	0.60	0.60	0.79	0.39	0.40	1
154	☐	1145	2.50	9.50	0.05	41.56	ceeds Capac	0 - 09:59 hrs	8.47	8.47	4.37	1.00	-32.05	2.41	2.50	0.37	0.66	0.37	1.60	0.37	0
155	☐	1146	2.50	10.23	0.06	41.54	ceeds Capac	0 - 09:59 hrs	8.46	8.46	4.06	1.00	-31.31	2.41	2.50	0.33	0.42	0.33	1.42	0.33	1
156	☐	1147	2.00	11.37	0.25	16.41	ceeds Capac	0 - 10:11 hrs	5.22	5.22	1.44	1.00	-5.05	1.06	2.00	0.68	0.68	0.80	0.30	0.30	0
157	☐	1148	2.00	12.68	0.31	16.41	ceeds Capac	0 - 10:11 hrs	5.22	5.22	1.29	1.00	-3.73	1.06	2.00	0.53	0.53	0.63	0.22	0.23	0
158	☐	1149	1.25	10.04	3.21	12.21	ceeds Capac	0 - 10:19 hrs	9.95	9.95	1.22	1.00	-2.18	1.49	1.25	0.91	0.95	0.92	1.04	0.91	0
159	☐	115	3.50	83.04	0.68	101.05	Free Surface	0 - 10:06 hrs	10.77	10.77	1.22	0.94	-18.01	9.97	3.50	0.00	0.52	0.00	0.71	0.00	1
160	☐	1150	2.00	15.60	0.48	12.98	Backwater	0 - 10:18 hrs	4.41	5.64	0.83	1.00	2.63	1.49	2.00	0.35	0.35	0.45	0.00	0.00	1
161	☐	1151	3.00	36.48	0.30	13.71	Backwater	0 - 10:30 hrs	2.17	2.38	0.38	1.00	22.76	1.49	3.00	0.42	0.42	0.90	0.00	0.00	2
162	☐	1152	3.00	21.67	0.11	37.95	ceeds Capac	0 - 10:08 hrs	5.37	5.37	1.75	1.00	-16.27	3.03	3.00	0.90	0.90	0.90	0.90	0.86	1
163	☐	1153	3.00	25.06	0.14	37.96	ceeds Capac	0 - 10:08 hrs	5.37	5.37	1.51	1.00	-12.90	3.02	3.00	0.90	0.90	1.03	0.68	0.68	2
164	☐	1154	3.00	19.08	0.08	48.80	ceeds Capac	0 - 09:59 hrs	6.90	6.90	2.56	1.00	-29.71	3.55	3.00	0.89	1.03	0.89	1.27	0.89	1
165	☐	1155	2.00	10.72	0.22	15.05	Backwater	0 - 10:15 hrs	4.79	4.79	1.40	1.00	-4.32	1.21	2.00	20.93	20.93	21.09	0.61	0.00	77
166	☐	1156	2.00	37.34	2.72	15.06	Backwater	0 - 10:15 hrs	4.80	4.80	0.40	1.00	22.27	1.20	2.00	20.93	20.93	21.26	0.00	0.00	78
167	☐	1157	3.50	52.37	0.27	45.53	Backwater	0 - 09:59 hrs	4.73	4.73	0.87	1.00	6.84	4.08	3.50	20.91	20.91	21.27	0.00	0.00	64
168	☐	1158	3.00	24.90	0.40	42.95	ceeds Capac	0 - 00:00 hrs	6.14	6.22	1.72	1.00	-18.05	8.14	1.18	23.99	23.99	24.00	2.77	2.75	11
169	☐	1159	2.50	23.18	0.32	35.19	ceeds Capac	0 - 09:59 hrs	7.17	19.03	1.52	1.00	-12.02	8.14	1.85	4.70	4.70	23.91	3.74	3.69	14
170	☐	1160	2.00	13.14	0.34	6.54	Backwater	0 - 09:48 hrs	2.08	2.20	0.50	1.00	6.61	0.68	2.00	3.59	3.59	4.00	0.00	0.00	15
171	☐	1161	2.00	9.17	0.16	9.40	Backwater	0 - 09:59 hrs	2.99	2.99	1.03	1.00	-0.23	0.66	2.00	4.00	4.00	4.25	0.00	0.10	15
172	☐	1162	1.50	24.80	7.42	16.35	Backwater	0 - 10:04 hrs	9.25	9.25	0.66	1.00	8.45	3.17	1.50	2.86	2.86	5.09	0.00	0.00	11
173	☐	1163	1.50	12.80	1.98	16.35	ceeds Capac	0 - 10:02 hrs	9.25	9.25	1.28	1.00	-3.55	3.17	1.38	5.09	5.09	23.86	2.47	2.47	24
174	☐	1164	2.00	7.14	0.10	9.98	ceeds Capac	0 - 12:45 hrs	3.18	3.67	1.40	1.00	-2.84	2.75	1.97	23.85	23.85	23.86	5.03	5.03	52
175	☐	1165	2.50	13.03	0.10	13.18	Backwater	0 - 00:07 hrs	2.79	2.84	1.01	1.00	-0.15	2.73	2.50	23.87	23.87	23.91	0.01	0.01	37
176	☐	1166	5.00	369.59	2.01	324.70	Backwater	0 - 00:00 hrs	17.28	17.28	0.88	1.00	44.89	3.40	1.96	23.99	23.99	24.00	0.00	0.02	64
177	☐	1167	3.50	47.25	0.22	100.87	ceeds Capac	0 - 00:01 hrs	10.56	10.67	2.13	1.00	-53.62	7.82	1.37	23.97	23.97	24.00	0.24	0.18	50
178	☐	1168	3.50	50.08	0.25	79.19	ceeds Capac	0 - 00:01 hrs	8.70	8.70	1.58	1.00	-29.10	7.86	3.00	23.96	23.96	23.97	0.04	0.07	53
179	☐	1169	3.50	54.54	0.29	66.29	Backwater	0 - 00:02 hrs	7.72	10.43	1.22	1.00	-11.74	6.86	1.37	23.95	23.95	23.97	0.02	0.00	77
180	☐	117	4.50	101.07	0.26	139.20	ceeds Capac	0 - 09:51 hrs	8.96	8.96	1.38	1.00	-38.13	15.17	4.50	1.35	1.43	1.35	1.75	0.98	4
181	☐	1170	4.00	122.87	0.73	74.68	Free Surface	0 - 10:04 hrs	5.99	6.00	0.61	0.98	48.20	3.53	4.00	0.00	0.00	0.09	0.00	0.00	1
182	☐	1171	4.00	34.64	0.06	75.06	Free Surface	0 - 10:00 hrs	6.09	6.09	2.17	0.98	-40.42	3.53	4.00	0.00	0.00	0.14	0.49	0.00	0
183	☐	1172	4.00	88.54	0.38	74.67	Backwater	0 - 10:00 hrs	5.94	5.94	0.84	1.00	13.87	3.54	4.00	0.11	0.11	0.14	0.00	0.01	1
184	☐	1173	3.50	54.68	0.30	57.89	Backwater	0 - 00:02 hrs	6.70	6.70	1.06	1.00	-3.22	6.89	2.78	23.93	23.93	23.95	0.01	0.00	75
185	☐	1174	3.50	46.77	0.22	48.35	Backwater	0 - 00:04 hrs	5.66	5.67	1.03	1.00	-1.57	6.92	3.03	23.90	23.90	23.93	0.00	0.00	62
186	☐	1175	3.50	42.09	0.17	45.04	Backwater	0 - 00:05 hrs	5.82	5.95	1.07	1.00	-2.95	6.94	3.26	23.83	23.83	23.90	0.01	0.03	61
187	☐	1176	2.50	4.10	0.01	49.38	ceeds Capac	0 - 10:08 hrs	10.06	10.06	12.04	1.00	-45.28	3.06	1.28	23.94	23.94	23.94	6.75	11.82	87
188	☐	1177	1.50	12.06	1.76	7.69	Backwater	0 - 00:03 hrs	4.71	5.33	0.64	1.00	4.37	0.00	0.59	16.42	16.42	23.94	0.00	0.00	69
189	☐	1178	3.50	72.20	0.51	49.94	Backwater	0 - 10:06 hrs	5.19	5.19	0.69	1.00	22.26	6.34	3.50	2.52	2.52	9.25	0.00	0.00	23
190	☐	1179	3.50	44.87	0.20	49.94	ceeds Capac	0 - 09:56 hrs	5.19	5.19	1.11	1.00	-5.07	6.31	3.49	23.76	23.76	23.77	0.48	0.60	85
191	☐	118	3.50	35.90	0.13	41.46	ceeds Capac	0 - 10:18 hrs	4.31	4.31	1.16	1.00	-5.56	4.00	3.50	0.81	0.81	0.81	0.44	0.40	2
192	☐	1180	3.50	32.30	0.10	49.93	ceeds Capac	0 - 10:06 hrs	5.19	5.19	1.55	1.00	-17.62	6.33	3.45	9.25	9.25	23.34	1.21	1.29	47
193	☐	1181	2.25	15.75	0.26	22.12	ceeds Capac	0 - 09:59 hrs	5.56	5.56	1.40	1.00	-6.37	2.73	2.25	1.56	1.56	1.65	1.09	1.09	5
194	☐	1182	3.00	48.68	0.53	40.09	Backwater	0 - 09:59 hrs	5.67	5.67	0.82	1.00	8.59	5.52	3.00	2.20	2.20	3.46	0.00	0.00	13
195	☐	1183	2.25	17.28	0.31	22.11	ceeds Capac	0 - 09:59 hrs	5.56	5.56	1.28	1.00	-4.83	2.72	2.25	1.66	1.66	1.93	0.95	0.93	6
196	☐	1184	2.25	10.66	0.12	19.33	ceeds Capac	0 - 10:37 hrs	4.86	4.86	1.81	1.00	-8.67	2.81	2.25	2.74	2.74	3.03	1.81	1.84	9

FUTURE CONDITIONS 20-YR 24-HR CLIMATE CHANGE CONDUITS

		ID	Full Depth (ft)	Full Flow (cfs)	Percent Slope (%)	Maximum Flow (cfs)	Maximum Flow Class	Max.Flow Day-Time (day-time)	Velocity at Maximum Flow (ft/s)	Maximum Velocity (ft/s)	Max.Flow/Fu ll Flow	Max.Depth/F ull Depth	Reserve Capacity (cfs)	Total Flow Volume (MG)	Maximum Top Width (ft)	Both End Surcharge Time (hrs)	Upstream Surcharge Time (hrs)	Downstream Surcharge Time (hrs)	Above Full-Flow Time (hrs)	Capacity Limited Time (hrs)	Instability Index
197	☐	1185	2.25	35.31	1.30	22.54	Backwater	0 - 10:21 hrs	5.67	5.67	0.64	1.00	12.77	2.57	2.25	1.59	1.59	2.51	0.00	0.00	5
198	☐	1186	2.25	14.12	0.21	16.72	ceeds Capac	0 - 10:37 hrs	4.21	4.21	1.18	1.00	-2.60	2.36	2.25	2.48	2.48	2.76	0.58	0.66	9
199	☐	1187	3.50	46.31	0.21	34.81	Backwater	0 - 10:59 hrs	3.62	4.78	0.75	1.00	11.50	6.96	3.46	23.78	23.78	23.83	0.00	0.00	65
200	☐	1188	2.75	27.64	0.27	103.15	Backwater	0 - 00:00 hrs	17.37	17.37	3.73	1.00	-75.51	2.50	1.08	24.00	24.00	24.00	0.06	0.00	78
201	☐	1189	2.75	48.02	0.82	94.33	ceeds Capac	0 - 00:00 hrs	16.25	16.25	1.96	1.00	-46.31	2.50	1.08	23.99	24.00	23.99	0.02	0.28	76
202	☐	119	3.50	43.26	0.18	33.67	Backwater	0 - 09:59 hrs	3.50	3.50	0.78	1.00	9.59	1.93	3.50	0.62	0.62	0.68	0.00	0.01	1
203	☐	1190	2.75	27.01	0.26	51.92	Backwater	0 - 00:01 hrs	8.76	9.07	1.92	1.00	-24.92	2.51	1.08	23.97	23.97	23.99	0.05	0.00	67
204	☐	1191	1.00	4.27	1.91	8.13	Backwater	0 - 00:01 hrs	10.59	10.59	1.90	1.00	-3.85	0.00	0.39	23.96	23.96	23.96	0.00	0.01	80
205	☐	1192	2.75	27.64	0.27	54.40	Backwater	0 - 00:01 hrs	10.46	10.62	1.97	1.00	-26.77	2.53	2.12	23.97	23.97	23.97	0.04	0.02	86
206	☐	1193	2.75	34.68	0.43	41.30	Backwater	0 - 00:02 hrs	7.53	8.62	1.19	1.00	-6.62	2.53	2.01	23.96	23.96	23.97	0.01	0.01	87
207	☐	1194	2.50	14.81	0.13	29.99	Backwater	0 - 00:02 hrs	6.60	6.60	2.02	1.00	-15.18	2.54	2.00	23.94	23.94	23.96	0.02	0.45	72
208	☐	1195	1.75	9.22	0.45	11.45	ceeds Capac	0 - 10:30 hrs	4.76	4.76	1.24	1.00	-2.24	1.51	1.75	1.01	1.01	1.08	1.00	0.95	3
209	☐	1196	2.25	19.97	0.55	11.47	Backwater	0 - 10:30 hrs	2.88	4.62	0.57	1.00	8.50	1.51	2.25	0.99	0.99	1.24	0.00	0.00	6
210	☐	1197	2.25	13.24	0.24	11.45	Backwater	0 - 10:32 hrs	2.88	4.26	0.86	1.00	1.79	1.51	2.25	0.97	0.97	0.99	0.00	0.23	5
211	☐	1198	2.00	12.26	0.39	17.13	Backwater	0 - 10:02 hrs	5.45	5.45	1.40	1.00	-4.86	0.22	2.00	1.28	1.28	1.31	0.32	0.04	5
212	☐	1199	2.00	16.04	0.50	9.78	Backwater	0 - 10:40 hrs	3.11	4.84	0.61	1.00	6.26	1.29	2.00	1.31	1.31	1.36	0.00	0.03	5
213	☐	12	2.00	16.00	0.50	25.50	Free Surface	0 - 10:07 hrs	8.16	8.18	1.59	0.98	-9.51	3.64	2.00	0.00	1.97	0.00	2.21	0.00	1
214	☐	120	4.50	214.91	1.19	249.09	ceeds Capac	0 - 09:53 hrs	15.78	16.87	1.16	1.00	-34.18	39.86	4.50	1.48	1.49	1.52	1.27	1.23	6
215	☐	1200	2.00	6.20	0.08	26.32	ceeds Capac	0 - 09:56 hrs	8.38	8.38	4.24	1.00	-20.12	1.37	2.00	0.38	0.52	0.38	1.10	0.38	0
216	☐	1201	3.50	110.35	1.20	26.39	Backwater	0 - 09:56 hrs	2.74	2.74	0.24	1.00	83.96	1.36	3.50	21.40	21.40	21.81	0.00	0.00	2
217	☐	1202	3.75	38.39	0.10	49.26	ceeds Capac	0 - 09:59 hrs	4.46	4.46	1.28	1.00	-10.87	2.28	3.75	0.17	0.18	0.17	0.22	0.13	1
218	☐	1203	4.00	55.30	0.15	2.66	Backwater	0 - 09:59 hrs	0.21	1.30	0.05	1.00	52.64	0.00	4.00	0.10	0.10	0.14	0.00	0.01	1
219	☐	1204	4.00	31.76	0.05	46.41	ceeds Capac	0 - 10:00 hrs	3.69	3.69	1.46	1.00	-14.65	2.27	4.00	0.20	0.22	0.20	0.33	0.20	0
220	☐	1205	3.50	48.54	0.23	48.98	ceeds Capac	0 - 09:57 hrs	5.09	5.09	1.01	1.00	-0.44	2.28	3.50	0.51	0.51	0.53	0.01	0.13	0
221	☐	1206	3.75	37.29	0.10	49.13	ceeds Capac	0 - 09:59 hrs	4.45	4.45	1.32	1.00	-11.84	2.28	3.75	0.16	0.16	0.16	0.24	0.15	0
222	☐	1207	3.00	81.73	1.50	49.36	Backwater	0 - 09:59 hrs	6.98	6.98	0.60	1.00	32.37	2.27	3.00	0.64	0.64	0.84	0.00	0.00	3
223	☐	1208	2.50	23.19	0.32	41.55	ceeds Capac	0 - 09:59 hrs	8.47	8.47	1.79	1.00	-18.37	2.40	2.50	0.31	0.36	0.31	0.49	0.31	1
224	☐	1209	2.50	17.18	0.18	20.12	ceeds Capac	0 - 09:40 hrs	4.10	5.15	1.17	1.00	-2.94	6.36	2.50	4.13	4.14	4.13	4.37	2.15	19
225	☐	121	3.33	59.57	0.45	63.51	ceeds Capac	0 - 10:03 hrs	7.28	7.28	1.07	1.00	-3.94	3.27	1.31	23.95	23.95	24.00	0.08	0.09	1
226	☐	1210	2.50	24.19	0.35	20.12	Backwater	0 - 09:40 hrs	4.10	4.80	0.83	1.00	4.07	6.36	2.50	4.13	4.13	4.68	0.00	0.01	19
227	☐	1211	2.50	22.03	0.29	20.11	Backwater	0 - 09:38 hrs	4.10	4.38	0.91	1.00	1.92	6.36	2.50	4.68	4.68	4.77	0.00	1.34	21
228	☐	1212	2.50	18.92	0.21	20.12	ceeds Capac	0 - 09:40 hrs	4.10	4.55	1.06	1.00	-1.20	6.35	2.50	4.77	4.77	4.85	3.02	2.32	22
229	☐	1213	2.50	31.06	0.57	20.12	Backwater	0 - 09:36 hrs	4.10	4.10	0.65	1.00	10.94	6.35	2.50	5.01	5.01	5.32	0.00	0.09	23
230	☐	1214	2.50	11.69	0.08	20.19	ceeds Capac	0 - 09:34 hrs	4.11	4.11	1.73	1.00	-8.50	6.35	2.50	5.28	5.38	5.28	7.07	5.11	23
231	☐	1215	2.50	13.72	0.11	20.23	ceeds Capac	0 - 09:34 hrs	4.12	4.12	1.47	1.00	-6.51	6.35	2.50	5.21	5.28	5.21	5.84	5.01	22
232	☐	1216	2.50	17.29	0.18	20.19	ceeds Capac	0 - 09:34 hrs	4.11	4.11	1.17	1.00	-2.91	6.35	2.50	5.56	5.56	5.67	4.22	3.37	23
233	☐	1217	2.00	1.96	0.01	11.66	Backwater	0 - 09:48 hrs	3.71	3.71	5.95	1.00	-9.70	1.25	2.00	3.98	3.98	3.99	6.20	0.88	20
234	☐	1218	2.50	19.38	0.22	35.20	ceeds Capac	0 - 09:59 hrs	7.17	7.17	1.82	1.00	-15.82	8.15	2.50	5.54	5.54	5.76	4.91	4.70	20
235	☐	1219	2.25	56.33	3.31	18.06	Backwater	0 - 09:59 hrs	4.54	4.54	0.32	1.00	38.27	1.81	2.25	4.12	4.12	4.42	0.00	0.26	15
236	☐	1220	2.00	14.20	0.39	41.80	ceeds Capac	0 - 00:00 hrs	13.31	13.31	2.94	1.00	-27.60	0.76	0.78	24.00	24.00	24.00	0.23	0.22	1
237	☐	1221	2.00	18.25	0.65	23.89	ceeds Capac	0 - 00:00 hrs	7.86	7.86	1.31	1.00	-5.64	0.76	0.78	23.92	23.92	23.99	0.05	0.09	1
238	☐	1222	2.00	21.05	0.87	20.47	Backwater	0 - 09:59 hrs	6.52	6.52	0.97	1.00	0.58	0.76	1.56	0.50	0.50	23.98	0.00	0.02	5
239	☐	1224	3.00	43.00	0.42	41.57	Backwater	0 - 09:59 hrs	5.88	5.88	0.97	1.00	1.43	2.40	1.98	0.34	0.34	24.00	0.00	0.00	0
240	☐	1225	2.50	55.84	1.85	41.58	Backwater	0 - 09:59 hrs	8.47	8.47	0.74	1.00	14.26	2.40	2.49	0.35	0.35	0.38	0.00	0.01	1
241	☐	1226	2.50	28.47	0.48	24.91	Backwater	0 - 10:07 hrs	5.07	5.07	0.87	1.00	3.56	1.28	2.50	0.37	0.37	0.53	0.00	0.00	0
242	☐	1227	2.50	30.66	0.56	47.27	ceeds Capac	0 - 10:04 hrs	9.63	9.63	1.54	1.00	-16.61	2.39	2.50	0.56	0.56	1.22	0.37	0.37	1
243	☐	1228	3.00	37.44	0.32	47.31	ceeds Capac	0 - 10:06 hrs	6.69	6.69	1.26	1.00	-9.88	2.38	3.00	0.67	0.67	20.38	0.27	0.27	2
244	☐	1229	4.00	244.39	2.89	95.57	Backwater	0 - 09:59 hrs	7.61	7.61	0.39	1.00	148.82	5.88	4.00	20.46	20.46	21.06	0.00	0.00	10
245	☐	1230	3.50	19.10	0.04	45.54	ceeds Capac	0 - 09:59 hrs	4.73	4.73	2.38	1.00	-26.45	4.10	3.50	20.90	20.90	20.91	1.50	9.41	86

FUTURE CONDITIONS 20-YR 24-HR CLIMATE CHANGE CONDUITS

		ID	Full Depth (ft)	Full Flow (cfs)	Percent Slope (%)	Maximum Flow (cfs)	Maximum Flow Class	Max.Flow Day-Time (day-time)	Velocity at Maximum Flow (ft/s)	Maximum Velocity (ft/s)	Max.Flow/Fu ll Flow	Max.Depth/F ull Depth	Reserve Capacity (cfs)	Total Flow Volume (MG)	Maximum Top Width (ft)	Both End Surcharge Time (hrs)	Upstream Surcharge Time (hrs)	Downstream Surcharge Time (hrs)	Above Full-Flow Time (hrs)	Capacity Limited Time (hrs)	Instability Index
246	☐	1231	3.00	7.85	0.01	15.08	ceeds Capac	0 - 10:15 hrs	2.13	2.13	1.92	1.00	-7.23	1.20	3.00	20.94	20.94	20.95	0.93	7.89	87
247	☐	1232	3.25	36.17	0.19	34.73	Backwater	0 - 09:59 hrs	4.19	4.19	0.96	1.00	1.44	2.92	3.25	20.61	20.61	20.93	0.00	0.02	63
248	☐	1234	2.00	13.29	0.35	20.35	ceeds Capac	0 - 10:29 hrs	6.48	6.48	1.53	1.00	-7.06	2.22	2.00	1.46	1.46	1.59	1.17	1.17	4
249	☐	1235	2.50	17.21	0.18	20.34	ceeds Capac	0 - 10:29 hrs	4.14	4.14	1.18	1.00	-3.13	2.22	2.50	1.29	1.29	1.44	0.84	0.66	5
250	☐	1236	3.50	73.09	0.53	85.57	Backwater	0 - 00:00 hrs	8.97	8.97	1.17	1.00	-12.48	6.06	1.37	23.99	23.99	24.00	0.01	0.00	54
251	☐	1237	2.00	10.93	0.23	10.82	Backwater	0 - 09:29 hrs	4.07	4.29	0.99	1.00	0.12	2.67	2.00	3.64	3.64	4.20	0.00	0.00	10
252	☐	1238	2.00	10.01	0.20	11.65	ceeds Capac	0 - 09:48 hrs	3.71	3.71	1.16	1.00	-1.64	1.25	2.00	3.93	3.93	4.26	0.21	0.22	12
253	☐	1239	2.00	7.22	0.10	12.80	ceeds Capac	0 - 08:59 hrs	4.07	4.07	1.77	1.00	-5.58	2.95	2.00	5.21	5.35	5.21	5.65	3.07	19
254	☐	1240	2.00	7.44	0.11	23.22	ceeds Capac	0 - 09:59 hrs	7.39	7.39	3.12	1.00	-15.78	4.11	2.00	5.04	5.08	5.04	6.13	4.23	22
255	☐	1241	1.50	2.64	0.08	3.61	Backwater	0 - 09:44 hrs	2.04	2.04	1.37	1.00	-0.97	0.51	1.50	5.07	5.07	5.11	1.01	1.95	28
256	☐	1242	2.50	18.44	0.20	25.72	ceeds Capac	0 - 10:02 hrs	5.24	5.24	1.39	1.00	-7.28	6.49	2.50	4.21	4.21	4.29	3.97	3.44	15
257	☐	1244	2.00	7.13	0.10	12.80	ceeds Capac	0 - 08:59 hrs	4.07	4.07	1.79	1.00	-5.67	2.95	2.00	4.68	5.21	4.68	5.83	2.79	8
258	☐	1245	2.00	7.24	0.10	12.80	ceeds Capac	0 - 08:59 hrs	4.08	4.08	1.77	1.00	-5.56	2.94	2.00	4.63	4.68	4.63	5.59	2.46	16
259	☐	1246	2.50	11.78	0.08	20.10	ceeds Capac	0 - 09:40 hrs	4.09	4.26	1.71	1.00	-8.32	6.36	2.50	4.11	4.41	4.11	7.04	4.11	14
260	☐	1247	2.50	18.24	0.20	25.72	ceeds Capac	0 - 10:04 hrs	5.24	5.24	1.41	1.00	-7.48	6.49	2.50	4.29	4.29	4.41	4.02	3.66	13
261	☐	1248	2.00	7.14	0.10	16.52	ceeds Capac	0 - 10:03 hrs	5.26	5.26	2.31	1.00	-9.38	4.09	2.00	5.35	5.54	5.35	6.95	5.32	21
262	☐	1249	2.00	10.41	0.21	16.52	ceeds Capac	0 - 10:03 hrs	5.26	5.26	1.59	1.00	-6.11	4.09	2.00	5.04	5.04	5.25	4.21	4.22	21
263	☐	125	4.00	147.75	1.06	77.22	Free Surface	0 - 00:01 hrs	8.56	8.56	0.52	0.89	70.53	3.49	3.53	0.00	0.00	23.98	0.00	0.00	52
264	☐	1250	2.00	7.99	0.12	10.13	ceeds Capac	0 - 09:59 hrs	3.22	3.22	1.27	1.00	-2.13	2.39	2.00	4.88	4.88	4.94	2.30	2.01	16
265	☐	1251	2.00	10.75	0.23	8.37	Backwater	0 - 10:21 hrs	2.67	2.70	0.78	1.00	2.37	2.08	2.00	4.32	4.32	4.76	0.00	0.00	10
266	☐	1252	2.00	10.15	0.20	8.79	Backwater	0 - 10:51 hrs	2.80	2.80	0.87	1.00	1.36	1.37	2.00	5.50	5.50	6.26	0.00	0.00	17
267	☐	1253	2.00	12.35	0.30	12.40	ceeds Capac	0 - 10:11 hrs	3.95	3.95	1.00	1.00	-0.05	1.97	1.96	23.91	23.91	23.91	0.98	1.28	81
268	☐	1254	2.00	12.39	0.30	11.92	Backwater	0 - 00:05 hrs	4.71	4.80	0.96	1.00	0.47	1.73	1.76	23.91	23.91	23.91	0.00	2.37	89
269	☐	1255	2.00	12.35	0.30	17.17	Backwater	0 - 00:01 hrs	7.36	7.92	1.39	1.00	-4.82	1.67	1.29	23.96	23.96	23.97	0.04	0.45	82
270	☐	1256	2.00	12.34	0.30	23.48	Backwater	0 - 00:00 hrs	7.71	7.71	1.90	1.00	-11.15	1.52	0.78	23.98	23.98	23.98	0.05	0.01	76
271	☐	1257	2.00	12.44	0.30	32.47	Backwater	0 - 00:00 hrs	10.42	10.42	2.61	1.00	-20.04	1.52	0.78	23.99	23.99	23.99	0.06	0.01	70
272	☐	1258	2.00	12.39	0.30	28.62	Backwater	0 - 00:00 hrs	9.24	9.24	2.31	1.00	-16.23	1.52	0.78	23.98	23.98	23.99	0.06	0.00	71
273	☐	1259	2.00	18.21	0.65	19.10	Backwater	0 - 00:01 hrs	6.45	6.45	1.05	1.00	-0.89	1.67	1.69	23.97	23.97	23.98	0.00	0.00	76
274	☐	126	4.00	57.15	0.16	74.78	Free Surface	0 - 10:04 hrs	7.11	7.11	1.31	0.81	-17.63	3.51	4.00	0.00	0.00	0.00	0.25	0.00	1
275	☐	1260	2.00	12.39	0.30	16.31	Backwater	0 - 00:02 hrs	5.65	5.65	1.32	1.00	-3.92	1.68	2.00	23.96	23.96	23.96	0.03	0.18	82
276	☐	1261	2.00	12.44	0.30	15.12	Backwater	0 - 00:02 hrs	5.31	5.31	1.22	1.00	-2.68	1.68	1.28	23.94	23.94	23.96	0.02	0.01	80
277	☐	1262	2.00	11.64	0.26	16.77	Backwater	0 - 00:03 hrs	6.36	6.81	1.44	1.00	-5.14	1.68	1.86	23.94	23.94	23.94	0.02	8.22	81
278	☐	1263	2.00	12.43	0.30	12.50	Backwater	0 - 00:04 hrs	4.46	4.46	1.01	1.00	-0.07	1.68	1.55	23.91	23.91	23.94	0.00	0.00	70
279	☐	1264	2.00	12.17	0.29	12.19	Backwater	0 - 00:05 hrs	4.08	4.40	1.00	1.00	-0.02	1.73	1.97	23.91	23.91	23.91	0.00	1.23	82
280	☐	1265	2.00	11.23	0.25	12.16	Backwater	0 - 09:59 hrs	3.87	3.87	1.08	1.00	-0.93	1.27	2.00	1.47	1.47	1.52	0.01	0.07	5
281	☐	1266	2.00	11.88	0.28	12.17	Backwater	0 - 09:59 hrs	3.87	3.87	1.02	1.00	-0.29	1.27	2.00	1.55	1.55	1.60	0.00	0.02	4
282	☐	1267	2.00	6.81	0.09	15.75	ceeds Capac	0 - 09:56 hrs	5.01	5.01	2.31	1.00	-8.94	0.86	2.00	0.51	0.53	0.52	0.59	0.51	0
283	☐	1268	1.50	3.74	0.17	3.60	Backwater	0 - 09:45 hrs	2.04	2.04	0.96	1.00	0.14	0.51	1.50	5.07	5.07	5.88	0.00	0.10	15
284	☐	1269	1.50	6.86	0.57	1.09	Backwater	0 - 08:44 hrs	0.62	2.04	0.16	1.00	5.77	0.01	1.50	19.04	19.04	21.01	0.00	0.00	13
285	☐	127	4.00	36.90	0.07	74.72	Free Surface	0 - 10:04 hrs	6.10	6.10	2.03	0.94	-37.82	3.52	4.00	0.00	0.09	0.00	0.46	0.00	0
286	☐	1270	2.75	19.66	0.14	12.33	Backwater	0 - 09:52 hrs	2.08	2.08	0.63	1.00	7.33	2.18	2.75	16.96	16.96	18.17	0.00	0.00	54
287	☐	1271	2.75	30.79	0.34	12.32	Backwater	0 - 09:52 hrs	2.07	2.07	0.40	1.00	18.47	2.56	2.75	15.20	15.20	16.96	0.00	0.00	54
288	☐	1272	4.50	51.24	0.07	114.37	ceeds Capac	0 - 00:02 hrs	7.94	7.94	2.23	1.00	-63.13	8.91	4.37	23.93	23.93	23.95	1.03	1.01	75
289	☐	1273	2.00	11.34	0.25	12.77	ceeds Capac	0 - 10:12 hrs	4.07	4.07	1.13	1.00	-1.43	1.51	2.00	1.50	1.50	1.79	0.85	0.86	2
290	☐	1274	2.00	11.11	0.24	12.26	ceeds Capac	0 - 10:34 hrs	3.90	3.90	1.10	1.00	-1.15	1.50	2.00	1.90	1.90	3.32	0.87	0.88	6
291	☐	1275	2.00	14.59	0.42	12.27	Backwater	0 - 10:03 hrs	3.91	3.91	0.84	1.00	2.32	1.50	2.00	3.18	3.18	3.94	0.00	0.00	13
292	☐	1276	2.00	12.24	0.29	12.26	ceeds Capac	0 - 10:34 hrs	3.90	3.90	1.00	1.00	-0.03	1.50	2.00	3.91	3.91	4.30	0.77	0.14	14
293	☐	1277	2.00	12.05	0.28	9.05	Backwater	0 - 09:52 hrs	2.88	3.23	0.75	1.00	2.99	1.42	2.00	4.25	4.25	4.80	0.00	0.00	20
294	☐	1278	2.00	11.30	0.25	9.06	Backwater	0 - 10:34 hrs	2.88	2.88	0.80	1.00	2.25	1.42	2.00	4.93	4.93	5.54	0.00	0.00	23

FUTURE CONDITIONS 20-YR 24-HR CLIMATE CHANGE CONDUITS

		ID	Full Depth (ft)	Full Flow (cfs)	Percent Slope (%)	Maximum Flow (cfs)	Maximum Flow Class	Max.Flow Day-Time (day-time)	Velocity at Maximum Flow (ft/s)	Maximum Velocity (ft/s)	Max.Flow/Fu ll Flow	Max.Depth/F ull Depth	Reserve Capacity (cfs)	Total Flow Volume (MG)	Maximum Top Width (ft)	Both End Surcharge Time (hrs)	Upstream Surcharge Time (hrs)	Downstream Surcharge Time (hrs)	Above Full-Flow Time (hrs)	Capacity Limited Time (hrs)	Instability Index
295	☐	1279	2.50	21.21	0.27	21.49	ceeds Capac	0 - 10:11 hrs	4.38	4.38	1.01	1.00	-0.28	2.75	2.50	6.05	6.05	6.62	0.52	0.56	24
296	☐	128	3.50	79.10	0.62	41.53	Backwater	0 - 10:18 hrs	4.32	4.32	0.53	1.00	37.57	4.00	3.50	0.81	0.81	0.86	0.00	0.04	2
297	☐	1280	2.00	10.70	0.22	10.77	ceeds Capac	0 - 14:37 hrs	3.43	3.43	1.01	1.00	-0.07	3.76	2.00	16.50	16.50	17.09	0.04	0.13	20
298	☐	1281	2.00	10.66	0.22	15.40	ceeds Capac	0 - 10:34 hrs	4.90	4.90	1.44	1.00	-4.73	4.62	2.00	10.58	10.58	16.50	5.45	5.44	23
299	☐	1282	3.50	35.35	0.35	30.53	Backwater	0 - 10:06 hrs	3.17	3.17	0.86	1.00	4.82	1.58	3.50	12.93	12.93	16.30	0.00	0.01	62
300	☐	1284	3.50	46.93	0.22	29.63	Backwater	0 - 17:13 hrs	3.08	3.23	0.63	1.00	17.30	9.90	3.50	20.03	20.03	20.45	0.00	0.00	17
301	☐	1285	3.50	174.31	3.00	41.46	Backwater	0 - 11:25 hrs	4.31	4.31	0.24	1.00	132.85	14.23	3.50	21.40	21.40	21.62	0.00	0.00	89
302	☐	1286	3.50	23.17	0.05	41.45	Backwater	0 - 10:00 hrs	4.31	4.31	1.79	1.00	-18.28	14.27	3.50	20.72	20.72	21.00	14.53	0.00	63
303	☐	1287	3.50	22.47	0.05	37.67	Backwater	0 - 13:32 hrs	3.92	3.92	1.68	1.00	-15.20	13.26	3.50	21.00	21.00	21.21	14.41	0.00	64
304	☐	1288	3.50	47.81	0.23	47.57	Backwater	0 - 11:22 hrs	4.94	4.94	0.99	1.00	0.24	15.90	3.50	20.99	20.99	21.21	0.00	2.40	79
305	☐	1289	3.50	186.41	3.43	47.56	Backwater	0 - 11:23 hrs	4.94	4.94	0.26	1.00	138.85	15.91	3.50	20.91	20.91	20.99	0.00	0.88	72
306	☐	129	3.50	81.58	0.66	101.44	ceeds Capac	0 - 09:55 hrs	10.73	10.73	1.24	1.00	-19.86	9.98	3.50	0.52	0.59	0.52	0.72	0.52	1
307	☐	1290	4.00	95.77	0.44	52.36	Backwater	0 - 05:56 hrs	4.52	4.97	0.55	1.00	43.41	5.30	4.00	16.86	16.92	17.03	0.00	0.24	66
308	☐	1291	4.00	141.86	0.98	42.91	Backwater	0 - 09:45 hrs	3.41	5.35	0.30	1.00	98.95	5.22	4.00	15.92	15.92	16.92	0.00	0.00	62
309	☐	1292	1.75	8.19	0.36	5.00	Backwater	0 - 09:59 hrs	2.08	2.08	0.61	1.00	3.18	0.30	1.75	15.13	15.13	15.60	0.00	0.00	53
310	☐	1293	4.00	66.23	0.21	42.90	Backwater	0 - 09:45 hrs	3.41	4.38	0.65	1.00	23.33	7.75	4.00	15.27	15.27	15.92	0.00	0.00	56
311	☐	1294	3.50	17.51	0.03	38.51	Backwater	0 - 10:03 hrs	4.00	4.00	2.20	1.00	-21.00	7.62	3.50	14.18	14.18	14.59	4.54	0.54	51
312	☐	1295	3.50	42.44	0.18	38.49	Backwater	0 - 10:15 hrs	4.00	4.00	0.91	1.00	3.95	7.65	3.50	10.13	10.13	14.59	0.00	0.02	43
313	☐	1296	3.50	56.14	0.31	34.02	Backwater	0 - 10:03 hrs	3.54	3.57	0.61	1.00	22.12	6.44	3.50	9.06	9.06	10.13	0.00	0.36	44
314	☐	1297	3.50	12.05	0.01	34.01	ceeds Capac	0 - 10:03 hrs	3.53	3.53	2.82	1.00	-21.96	6.45	3.50	8.84	8.85	9.06	5.79	5.22	39
315	☐	1298	2.00	14.92	0.43	11.10	Backwater	0 - 09:33 hrs	4.03	4.50	0.74	1.00	3.82	2.68	2.00	3.39	3.39	3.64	0.00	0.00	23
316	☐	1299	1.25	2.64	0.22	2.98	Backwater	0 - 09:53 hrs	2.43	2.43	1.13	1.00	-0.34	0.11	1.25	13.28	13.28	15.00	0.85	0.00	52
317	☐	13	2.50	29.00	0.50	25.98	Free Surface	0 - 10:11 hrs	5.73	5.96	0.90	0.89	3.02	3.64	2.50	0.00	0.00	0.20	0.00	0.00	0
318	☐	130	3.50	50.52	0.25	96.68	ceeds Capac	0 - 10:08 hrs	10.05	10.05	1.91	1.00	-46.17	9.06	3.50	0.59	0.86	0.59	1.09	0.59	1
319	☐	1300	1.75	4.95	0.13	6.02	ceeds Capac	0 - 09:44 hrs	2.96	3.17	1.22	1.00	-1.07	1.15	1.75	1.70	1.72	1.71	1.40	1.11	6
320	☐	1301	2.00	9.46	0.17	6.02	Backwater	0 - 11:30 hrs	1.96	2.42	0.64	1.00	3.44	1.15	2.00	1.63	1.63	1.87	0.00	0.00	6
321	☐	1302	2.25	14.75	0.23	17.44	ceeds Capac	0 - 10:34 hrs	4.39	4.50	1.18	1.00	-2.69	2.60	2.25	1.72	1.72	2.07	1.03	1.06	4
322	☐	1303	2.25	20.37	0.43	17.44	Backwater	0 - 10:34 hrs	4.39	5.17	0.86	1.00	2.94	2.57	2.25	2.26	2.26	3.43	0.00	0.00	8
323	☐	1304	2.75	45.08	0.73	23.27	Backwater	0 - 10:11 hrs	3.92	3.92	0.52	1.00	21.80	3.25	2.75	10.48	10.48	12.54	0.00	0.00	52
324	☐	1305	2.00	11.98	0.28	13.86	ceeds Capac	0 - 09:37 hrs	4.41	4.41	1.16	1.00	-1.88	3.23	2.00	4.70	4.70	14.43	1.12	1.12	10
325	☐	1306	2.00	12.53	0.31	22.21	ceeds Capac	0 - 10:11 hrs	7.07	7.07	1.77	1.00	-9.68	3.08	2.00	3.07	3.07	3.39	2.01	2.02	9
326	☐	1307	1.25	2.43	0.19	2.30	Backwater	0 - 09:41 hrs	1.87	1.87	0.94	1.00	0.14	0.29	1.25	3.01	3.01	3.80	0.00	0.02	4
327	☐	1308	1.25	2.56	0.21	2.43	Backwater	0 - 09:37 hrs	2.10	2.19	0.95	1.00	0.13	0.33	1.25	2.93	2.94	2.98	0.00	0.24	8
328	☐	1309	1.25	2.84	0.26	2.82	Backwater	0 - 10:00 hrs	2.30	2.30	0.99	1.00	0.02	0.35	1.25	2.85	2.85	3.00	0.00	0.00	13
329	☐	131	2.00	4.60	0.12	8.82	ceeds Capac	0 - 13:06 hrs	2.81	2.81	1.92	1.00	-4.22	4.16	2.00	20.25	20.27	20.25	18.98	18.71	86
330	☐	1310	1.00	0.87	0.08	2.84	Backwater	0 - 10:00 hrs	3.62	3.62	3.27	1.00	-1.97	0.35	1.00	2.87	2.87	2.87	3.67	0.25	16
331	☐	1311	3.25	41.10	0.25	62.80	ceeds Capac	0 - 00:00 hrs	7.57	7.75	1.53	1.00	-21.70	4.33	1.27	23.99	23.99	23.99	0.29	0.30	82
332	☐	1312	3.25	50.49	0.37	50.19	Backwater	0 - 00:02 hrs	6.46	6.53	0.99	1.00	0.30	4.34	1.87	23.96	23.96	23.98	0.00	0.03	79
333	☐	1313	2.00	16.48	0.53	14.03	Backwater	0 - 10:29 hrs	4.47	4.47	0.85	1.00	2.45	1.75	1.11	23.93	23.93	23.97	0.00	0.00	25
334	☐	1314	2.00	11.47	0.26	14.03	ceeds Capac	0 - 10:29 hrs	4.47	4.47	1.22	1.00	-2.57	1.76	1.96	1.65	1.65	2.24	0.88	0.88	14
335	☐	1315	2.00	10.39	0.21	14.04	ceeds Capac	0 - 10:29 hrs	4.47	4.60	1.35	1.00	-3.65	1.76	2.00	1.01	1.01	1.01	1.02	0.80	4
336	☐	1316	2.00	16.71	0.55	14.03	Backwater	0 - 10:29 hrs	4.47	5.06	0.84	1.00	2.67	1.76	2.00	0.91	0.91	0.98	0.00	0.00	4
337	☐	1317	2.00	13.47	0.35	20.34	ceeds Capac	0 - 10:08 hrs	6.47	6.47	1.51	1.00	-6.87	1.87	2.00	0.88	0.88	0.90	0.76	0.75	2
338	☐	1318	2.00	13.92	0.38	14.02	ceeds Capac	0 - 10:29 hrs	4.46	4.46	1.01	1.00	-0.10	1.76	1.98	3.87	3.87	23.93	0.11	0.28	39
339	☐	1319	3.00	32.06	0.23	48.22	ceeds Capac	0 - 10:03 hrs	6.82	6.82	1.50	1.00	-16.16	4.37	2.93	23.94	23.94	23.96	0.61	0.64	70
340	☐	132	2.00	19.59	0.75	29.33	ceeds Capac	0 - 09:51 hrs	9.34	9.34	1.50	1.00	-9.74	2.33	2.00	1.16	1.16	1.41	0.07	0.19	4
341	☐	1320	3.00	36.83	0.30	19.32	Backwater	0 - 00:04 hrs	3.47	3.47	0.52	1.00	17.52	1.48	2.83	1.75	1.75	23.94	0.00	0.00	44
342	☐	1321	1.50	9.09	1.00	8.10	Backwater	0 - 09:47 hrs	4.58	4.58	0.89	1.00	0.99	1.14	1.50	1.75	1.75	13.54	0.00	0.00	5
343	☐	1322	2.25	17.94	0.34	8.10	Backwater	0 - 09:47 hrs	2.04	2.45	0.45	1.00	9.84	1.13	2.25	12.55	12.55	15.33	0.00	0.00	46

FUTURE CONDITIONS 20-YR 24-HR CLIMATE CHANGE CONDUITS

		ID	Full Depth (ft)	Full Flow (cfs)	Percent Slope (%)	Maximum Flow (cfs)	Maximum Flow Class	Max.Flow Day-Time (day-time)	Velocity at Maximum Flow (ft/s)	Maximum Velocity (ft/s)	Max.Flow/Fu ll Flow	Max.Depth/F ull Depth	Reserve Capacity (cfs)	Total Flow Volume (MG)	Maximum Top Width (ft)	Both End Surcharge Time (hrs)	Upstream Surcharge Time (hrs)	Downstream Surcharge Time (hrs)	Above Full-Flow Time (hrs)	Capacity Limited Time (hrs)	Instability Index
344	☐	1323	2.25	19.78	0.41	12.86	Backwater	0 - 09:48 hrs	3.23	3.23	0.65	1.00	6.92	1.62	2.25	15.33	15.33	16.06	0.00	0.00	54
345	☐	1324	2.25	21.90	0.50	12.86	Backwater	0 - 09:48 hrs	3.23	3.23	0.59	1.00	9.05	1.61	2.25	16.06	16.06	17.47	0.00	0.00	55
346	☐	1326	2.00	10.08	0.20	10.02	Backwater	0 - 10:04 hrs	3.19	3.19	0.99	1.00	0.06	1.61	2.00	17.00	17.00	17.15	0.00	1.79	62
347	☐	1327	2.25	8.11	0.07	10.01	ceeds Capac	0 - 09:53 hrs	2.52	2.52	1.23	1.00	-1.90	1.61	2.25	17.12	17.12	17.31	1.70	1.90	54
348	☐	1328	2.25	10.37	0.11	10.01	Backwater	0 - 09:55 hrs	2.52	2.52	0.97	1.00	0.36	1.60	2.25	17.36	17.36	17.62	0.00	0.59	55
349	☐	1329	2.25	3.55	0.01	8.28	ceeds Capac	0 - 09:41 hrs	2.08	2.08	2.33	1.00	-4.72	0.27	2.25	17.62	17.62	17.65	6.26	5.66	43
350	☐	133	2.00	19.68	0.76	19.93	ceeds Capac	0 - 09:51 hrs	6.34	6.34	1.01	1.00	-0.25	1.73	2.00	1.04	1.04	1.16	0.00	0.01	2
351	☐	1330	2.25	15.46	0.25	30.18	Backwater	0 - 10:08 hrs	7.59	7.59	1.95	1.00	-14.72	2.27	2.25	17.65	17.65	17.98	3.90	0.00	58
352	☐	1331	2.75	11.26	0.05	18.26	ceeds Capac	0 - 09:59 hrs	3.07	3.07	1.62	1.00	-7.01	2.66	2.75	14.78	14.78	14.82	2.50	2.59	53
353	☐	1332	6.00	82.28	0.04	167.23	ceeds Capac	0 - 09:59 hrs	5.91	5.91	2.03	1.00	-84.95	30.44	6.00	14.87	14.87	14.88	3.96	3.89	44
354	☐	1333	2.00	7.74	0.12	20.35	ceeds Capac	0 - 11:23 hrs	6.48	6.48	2.63	1.00	-12.62	1.49	2.00	16.06	16.06	16.15	4.96	0.46	61
355	☐	1334	2.00	2.61	0.01	9.09	ceeds Capac	0 - 09:38 hrs	2.89	2.89	3.49	1.00	-6.48	1.64	2.00	15.53	15.58	15.53	6.50	8.01	36
356	☐	1335	2.00	33.97	2.25	9.10	Backwater	0 - 09:38 hrs	2.90	3.35	0.27	1.00	24.87	1.57	2.00	15.53	15.53	16.06	0.00	0.00	43
357	☐	1336	3.50	33.99	0.11	24.54	Backwater	0 - 09:59 hrs	2.55	2.55	0.72	1.00	9.46	2.47	3.50	3.66	3.66	5.83	0.00	0.00	12
358	☐	1337	3.00	29.83	0.20	9.09	Backwater	0 - 09:38 hrs	1.29	1.29	0.30	1.00	20.74	1.66	3.00	17.33	17.33	21.41	0.00	0.00	57
359	☐	1338	3.00	18.98	0.08	7.15	Backwater	0 - 09:59 hrs	1.01	1.01	0.38	1.00	11.82	1.06	3.00	16.94	16.94	19.23	0.00	0.67	68
360	☐	1339	2.25	12.40	0.16	17.01	ceeds Capac	0 - 10:04 hrs	4.28	4.28	1.37	1.00	-4.61	0.75	2.25	19.99	19.99	21.16	0.25	0.29	77
361	☐	134	2.00	19.76	0.76	20.31	ceeds Capac	0 - 10:12 hrs	6.47	6.96	1.03	1.00	-0.55	1.75	2.00	0.90	0.90	1.04	0.45	0.46	2
362	☐	1340	4.50	78.27	0.16	73.44	Backwater	0 - 12:00 hrs	4.62	5.81	0.94	1.00	4.83	17.83	4.50	3.88	3.88	4.31	0.00	0.01	13
363	☐	1341	2.75	9.21	0.03	23.02	Backwater	0 - 10:22 hrs	3.88	3.88	2.50	1.00	-13.81	2.35	2.75	2.30	2.30	2.34	2.44	0.20	13
364	☐	1342	2.75	18.01	0.12	22.99	ceeds Capac	0 - 10:23 hrs	3.87	3.87	1.28	1.00	-4.98	2.34	2.75	2.30	2.30	2.43	1.07	1.13	9
365	☐	1343	2.75	33.38	0.40	23.00	Backwater	0 - 10:22 hrs	3.87	4.12	0.69	1.00	10.38	2.34	2.75	2.43	2.43	2.86	0.00	0.00	12
366	☐	1344	2.75	29.23	0.31	22.99	Backwater	0 - 10:22 hrs	3.87	3.87	0.79	1.00	6.23	2.34	2.75	2.86	2.86	3.78	0.00	0.00	12
367	☐	1345	2.00	8.42	0.14	15.97	ceeds Capac	0 - 09:51 hrs	5.08	5.08	1.90	1.00	-7.55	1.75	2.00	2.04	2.04	2.07	1.69	1.56	7
368	☐	1347	2.00	12.88	0.32	16.02	ceeds Capac	0 - 09:51 hrs	5.10	5.10	1.24	1.00	-3.14	1.75	2.00	1.79	1.79	1.92	0.56	0.57	6
369	☐	1348	2.00	9.93	0.19	16.00	ceeds Capac	0 - 09:51 hrs	5.09	5.09	1.61	1.00	-6.07	1.75	2.00	1.98	1.99	1.99	1.39	1.12	8
370	☐	1349	3.50	37.54	0.14	30.06	Backwater	0 - 10:06 hrs	3.12	3.12	0.80	1.00	7.48	1.73	3.50	5.83	5.83	7.54	0.00	0.09	26
371	☐	135	4.50	75.08	0.15	103.94	ceeds Capac	0 - 10:51 hrs	6.54	6.54	1.38	1.00	-28.86	17.68	4.50	3.48	3.48	3.76	1.92	1.94	12
372	☐	1350	3.50	41.60	0.17	46.80	Backwater	0 - 09:59 hrs	4.86	4.86	1.13	1.00	-5.21	3.78	3.50	10.64	10.64	14.85	0.15	0.00	33
373	☐	1351	5.50	66.34	0.04	141.90	ceeds Capac	0 - 10:00 hrs	5.97	5.97	2.14	1.00	-75.56	15.28	5.50	14.98	14.98	15.01	1.89	2.39	57
374	☐	1352	4.50	89.94	0.21	82.83	Backwater	0 - 10:29 hrs	5.21	5.63	0.92	1.00	7.11	12.25	4.50	2.55	2.55	3.72	0.00	0.00	8
375	☐	1353	1.50	3.44	0.14	8.04	Backwater	0 - 09:59 hrs	4.55	4.55	2.33	1.00	-4.60	0.16	1.50	4.44	4.44	4.59	2.32	0.05	21
376	☐	1354	4.50	84.25	0.18	135.20	ceeds Capac	0 - 09:59 hrs	8.50	8.50	1.60	1.00	-50.95	19.83	4.50	3.76	3.76	3.88	1.64	1.77	17
377	☐	1356	4.50	62.68	0.10	64.43	ceeds Capac	0 - 09:59 hrs	4.05	4.31	1.03	1.00	-1.75	11.06	4.50	2.74	2.74	3.08	0.22	0.20	9
378	☐	1357	4.00	39.83	0.08	57.42	ceeds Capac	0 - 09:48 hrs	4.57	4.83	1.44	1.00	-17.59	10.29	4.00	2.81	2.81	2.85	2.57	2.20	10
379	☐	1358	1.75	6.77	0.24	13.87	ceeds Capac	0 - 09:49 hrs	5.76	5.76	2.05	1.00	-7.09	2.14	1.75	2.26	2.97	2.26	3.47	2.26	6
380	☐	1359	1.00	1.18	0.14	2.79	ceeds Capac	0 - 09:51 hrs	3.55	3.55	2.37	1.00	-1.61	0.73	1.00	3.66	5.78	3.66	9.03	3.66	5
381	☐	136	4.50	73.65	0.14	101.33	ceeds Capac	0 - 09:59 hrs	6.37	6.37	1.38	1.00	-27.68	12.77	4.50	3.08	3.08	3.48	0.55	0.58	9
382	☐	1361	2.50	14.57	0.13	27.59	ceeds Capac	0 - 09:52 hrs	5.62	5.62	1.89	1.00	-13.02	4.12	2.50	3.40	3.40	3.88	2.72	2.68	9
383	☐	1362	2.50	26.49	0.42	15.71	Backwater	0 - 11:06 hrs	3.20	3.41	0.59	1.00	10.78	2.48	2.50	2.07	2.07	3.11	0.00	0.00	5
384	☐	1363	2.00	11.92	0.28	9.32	Backwater	0 - 09:48 hrs	3.33	3.93	0.78	1.00	2.59	1.09	2.00	1.57	1.57	2.15	0.00	0.00	1
385	☐	1364	2.25	21.00	0.46	15.22	Backwater	0 - 10:08 hrs	3.83	4.10	0.72	1.00	5.78	0.87	2.25	1.70	1.70	1.91	0.00	0.00	9
386	☐	1367	1.50	4.11	0.20	8.47	ceeds Capac	0 - 09:40 hrs	4.79	4.79	2.06	1.00	-4.36	1.40	1.50	2.11	2.72	2.11	3.04	1.52	4
387	☐	1368	2.00	10.39	0.21	11.33	ceeds Capac	0 - 10:00 hrs	3.61	3.61	1.09	1.00	-0.95	1.19	2.00	2.41	2.41	2.54	0.58	0.55	9
388	☐	1369	2.00	11.27	0.25	11.33	ceeds Capac	0 - 10:11 hrs	3.61	3.81	1.01	1.00	-0.06	1.19	2.00	2.19	2.19	2.41	0.40	0.25	9
389	☐	137	3.50	24.89	0.06	16.62	Backwater	0 - 12:03 hrs	1.73	3.56	0.67	1.00	8.27	2.21	3.50	5.03	5.03	5.05	0.00	1.56	18
390	☐	1370	2.00	10.12	0.20	8.73	Backwater	0 - 09:49 hrs	2.95	3.00	0.86	1.00	1.39	0.43	2.00	1.86	1.86	2.07	0.00	0.01	9
391	☐	1371	2.00	18.29	0.65	11.37	Backwater	0 - 10:00 hrs	3.62	4.82	0.62	1.00	6.93	1.19	2.00	2.06	2.07	2.19	0.00	0.04	11
392	☐	1372	1.25	3.95	0.50	5.10	ceeds Capac	0 - 09:49 hrs	4.15	4.15	1.29	1.00	-1.15	0.43	1.25	1.62	1.62	2.21	0.03	0.00	5

FUTURE CONDITIONS 20-YR 24-HR CLIMATE CHANGE CONDUITS

		ID	Full Depth (ft)	Full Flow (cfs)	Percent Slope (%)	Maximum Flow (cfs)	Maximum Flow Class	Max.Flow Day-Time (day-time)	Velocity at Maximum Flow (ft/s)	Maximum Velocity (ft/s)	Max.Flow/Fu ll Flow	Max.Depth/F ull Depth	Reserve Capacity (cfs)	Total Flow Volume (MG)	Maximum Top Width (ft)	Both End Surcharge Time (hrs)	Upstream Surcharge Time (hrs)	Downstream Surcharge Time (hrs)	Above Full-Flow Time (hrs)	Capacity Limited Time (hrs)	Instability Index
393	☐	1373	1.25	6.47	1.34	5.08	Backwater	0 - 09:49 hrs	4.14	4.14	0.79	1.00	1.39	0.43	1.25	1.63	1.63	2.35	0.00	0.00	10
394	☐	1374	1.25	4.12	0.54	5.07	ceeds Capac	0 - 09:49 hrs	4.13	4.13	1.23	1.00	-0.95	0.43	1.25	1.78	1.78	2.35	0.03	0.04	9
395	☐	1376	3.00	37.78	0.32	35.08	Backwater	0 - 09:48 hrs	5.01	5.13	0.93	1.00	2.70	6.18	3.00	2.52	2.52	3.24	0.00	0.00	6
396	☐	1377	3.00	35.29	0.28	29.07	Backwater	0 - 10:17 hrs	4.11	4.80	0.82	1.00	6.22	4.47	3.00	1.78	1.78	2.48	0.00	0.00	4
397	☐	1378	3.00	43.47	0.42	54.71	Backwater	0 - 09:59 hrs	7.74	7.74	1.26	1.00	-11.24	4.67	3.00	1.76	1.76	1.85	0.23	0.01	8
398	☐	1379	1.75	5.55	0.16	8.88	Backwater	0 - 09:51 hrs	3.74	3.79	1.60	1.00	-3.33	0.00	1.75	1.64	1.64	1.83	0.01	0.01	7
399	☐	138	5.50	66.34	0.04	124.37	ceeds Capac	0 - 09:52 hrs	5.23	5.23	1.87	1.00	-58.03	26.22	5.50	15.01	15.01	15.10	4.39	4.36	18
400	☐	1381	2.00	10.55	0.22	13.86	ceeds Capac	0 - 09:49 hrs	4.41	4.41	1.31	1.00	-3.32	2.14	2.00	2.66	2.66	2.68	0.49	1.07	12
401	☐	1382	1.50	7.76	0.73	12.93	ceeds Capac	0 - 09:59 hrs	7.32	7.32	1.67	1.00	-5.17	1.24	1.50	2.05	2.05	2.08	0.39	0.36	8
402	☐	1383	2.00	6.08	0.07	9.75	ceeds Capac	0 - 09:52 hrs	3.10	3.10	1.60	1.00	-3.67	0.58	2.00	1.63	1.63	1.72	0.35	0.32	6
403	☐	1384	6.00	429.48	1.03	163.82	Backwater	0 - 09:59 hrs	5.79	5.79	0.38	1.00	265.66	28.25	6.00	14.88	14.88	15.63	0.00	0.00	62
404	☐	1385	5.50	105.13	0.10	138.96	ceeds Capac	0 - 10:06 hrs	5.85	5.85	1.32	1.00	-33.83	15.20	5.50	14.82	14.82	14.98	0.73	0.72	51
405	☐	1386	3.75	46.36	0.15	51.36	ceeds Capac	0 - 10:18 hrs	4.65	4.65	1.11	1.00	-5.00	8.85	3.75	2.90	2.90	3.66	0.69	0.66	9
406	☐	1387	3.50	22.38	0.05	51.37	ceeds Capac	0 - 10:18 hrs	5.34	5.34	2.29	1.00	-28.98	8.86	3.50	3.05	3.23	3.05	4.57	3.04	11
407	☐	1388	3.50	21.29	0.04	31.59	ceeds Capac	0 - 09:59 hrs	3.28	3.29	1.48	1.00	-10.30	6.90	3.50	3.11	3.34	3.11	3.92	2.98	5
408	☐	1389	1.25	3.43	0.38	1.77	Backwater	0 - 10:11 hrs	1.44	1.44	0.52	1.00	1.66	0.03	1.25	1.27	1.27	1.76	0.00	0.00	3
409	☐	139	5.50	78.57	0.05	138.97	ceeds Capac	0 - 10:06 hrs	5.85	5.85	1.77	1.00	-60.40	15.29	5.50	13.85	13.85	14.82	1.41	1.54	44
410	☐	1390	2.00	6.38	0.08	7.85	Backwater	0 - 09:59 hrs	2.50	2.50	1.23	1.00	-1.48	0.17	2.00	1.31	1.31	1.41	0.31	0.01	4
411	☐	1391	1.75	3.67	0.07	7.64	Backwater	0 - 10:18 hrs	3.18	3.18	2.08	1.00	-3.97	0.15	1.75	2.70	2.70	3.26	0.74	0.01	6
412	☐	1392	1.00	1.30	0.18	3.51	ceeds Capac	0 - 09:33 hrs	4.47	4.47	2.70	1.00	-2.21	0.66	1.00	5.80	5.81	5.82	5.42	5.18	12
413	☐	1393	3.00	13.68	0.04	17.54	ceeds Capac	0 - 09:49 hrs	2.62	2.64	1.28	1.00	-3.86	2.97	3.00	1.83	1.83	1.85	0.96	0.82	8
414	☐	1394	1.00	1.19	0.15	3.95	Backwater	0 - 09:51 hrs	5.22	5.22	3.32	1.00	-2.76	0.11	1.00	1.59	1.59	1.67	0.69	0.02	5
415	☐	1395	1.00	1.12	0.13	1.75	ceeds Capac	0 - 09:57 hrs	2.23	2.23	1.56	1.00	-0.63	0.18	1.00	1.46	1.64	1.49	1.06	0.86	1
416	☐	1396	1.00	1.26	0.17	2.78	ceeds Capac	0 - 09:51 hrs	3.54	3.54	2.21	1.00	-1.52	0.73	1.00	1.71	3.66	1.71	7.38	1.71	3
417	☐	1397	1.50	4.45	0.24	3.56	Backwater	0 - 10:06 hrs	2.02	2.75	0.80	1.00	0.89	0.34	1.50	2.78	2.78	2.97	0.00	0.01	10
418	☐	1398	1.50	1.93	0.04	3.86	Backwater	0 - 09:48 hrs	2.34	2.34	2.00	1.00	-1.93	0.04	1.50	2.69	2.69	2.70	0.39	0.52	10
419	☐	1399	4.50	153.16	0.61	75.54	Backwater	0 - 10:30 hrs	4.75	7.51	0.49	1.00	77.62	11.27	4.50	1.76	1.76	2.31	0.00	0.00	7
420	☐	14	2.00	10.12	0.20	17.08	ceeds Capac	0 - 09:45 hrs	5.44	5.44	1.69	1.00	-6.96	4.80	2.00	6.72	6.72	7.06	6.65	6.60	6
421	☐	140	2.25	20.03	0.42	17.04	Backwater	0 - 09:51 hrs	4.29	4.29	0.85	1.00	2.99	1.49	2.25	1.73	1.73	3.89	0.00	0.00	2
422	☐	1400	2.00	29.32	1.68	15.95	Backwater	0 - 09:51 hrs	5.08	6.21	0.54	1.00	13.38	1.75	2.00	2.01	2.01	2.44	0.00	0.00	7
423	☐	1401	4.00	41.65	0.08	61.43	ceeds Capac	0 - 10:30 hrs	4.89	5.92	1.48	1.00	-19.78	9.54	4.00	1.56	1.62	1.56	1.79	1.39	6
424	☐	1402	4.00	81.43	0.32	61.45	Backwater	0 - 10:30 hrs	4.89	6.65	0.75	1.00	19.98	9.53	4.00	1.61	1.61	1.92	0.00	0.00	5
425	☐	1403	2.00	9.83	0.19	9.28	Backwater	0 - 10:10 hrs	2.95	3.29	0.94	1.00	0.55	0.60	2.00	1.34	1.34	1.37	0.00	0.16	5
426	☐	1404	2.00	8.69	0.15	9.77	Backwater	0 - 09:52 hrs	3.17	3.17	1.12	1.00	-1.07	0.58	2.00	1.37	1.37	1.58	0.00	0.06	5
427	☐	1405	1.00	2.68	0.75	4.09	Backwater	0 - 09:48 hrs	5.52	5.52	1.53	1.00	-1.41	0.00	1.00	1.39	1.39	1.43	0.00	0.04	10
428	☐	1406	2.50	20.51	0.25	16.88	Backwater	0 - 10:08 hrs	3.44	3.61	0.82	1.00	3.64	0.88	2.50	1.34	1.34	1.39	0.00	0.00	4
429	☐	1407	2.50	19.50	0.23	21.85	ceeds Capac	0 - 10:12 hrs	4.45	4.45	1.12	1.00	-2.35	1.42	2.50	1.39	1.39	1.59	0.43	0.46	5
430	☐	1408	2.50	9.42	0.05	21.85	ceeds Capac	0 - 10:12 hrs	4.45	4.45	2.32	1.00	-12.43	1.41	2.50	1.61	1.61	1.62	1.45	1.36	5
431	☐	1409	2.75	19.14	0.13	11.72	Backwater	0 - 10:48 hrs	1.97	1.97	0.61	1.00	7.42	2.13	2.75	13.52	13.52	14.16	0.00	1.21	58
432	☐	141	2.50	4.27	0.01	7.88	Backwater	0 - 09:57 hrs	1.61	2.63	1.85	1.00	-3.62	0.17	2.50	1.18	1.18	1.18	0.39	0.59	6
433	☐	1410	2.75	18.83	0.13	11.79	Backwater	0 - 10:49 hrs	1.99	2.45	0.63	1.00	7.04	2.14	2.75	11.42	11.42	11.95	0.00	0.87	53
434	☐	1411	2.75	19.11	0.13	47.49	ceeds Capac	0 - 09:59 hrs	8.00	8.00	2.49	1.00	-28.38	4.37	2.75	9.65	9.65	10.40	2.52	2.54	36
435	☐	1412	1.75	5.70	0.17	0.28	Backwater	0 - 09:34 hrs	0.14	0.55	0.05	1.00	5.42	0.00	1.75	6.15	6.15	6.73	0.00	0.38	33
436	☐	1413	2.75	19.66	0.14	20.42	ceeds Capac	0 - 09:52 hrs	3.44	3.44	1.04	1.00	-0.77	3.13	2.75	5.03	5.03	9.03	0.14	0.50	27
437	☐	1414	2.75	17.13	0.10	16.96	Backwater	0 - 11:00 hrs	2.86	2.86	0.99	1.00	0.17	2.69	2.75	4.07	4.07	4.82	0.00	0.55	16
438	☐	1415	2.75	8.77	0.03	23.04	ceeds Capac	0 - 10:25 hrs	3.88	3.88	2.63	1.00	-14.28	2.34	2.75	3.95	3.95	4.40	2.49	2.51	9
439	☐	1416	5.00	149.83	0.33	107.80	Backwater	0 - 09:59 hrs	5.49	5.49	0.72	1.00	42.03	13.83	5.00	3.62	3.62	4.49	0.00	0.00	20
440	☐	1417	4.50	137.22	0.49	82.86	Backwater	0 - 10:29 hrs	5.21	6.23	0.60	1.00	54.36	12.23	4.50	3.72	3.72	4.30	0.00	0.02	15
441	☐	1418	5.00	182.77	0.49	107.77	Backwater	0 - 09:59 hrs	5.49	5.49	0.59	1.00	75.00	13.79	5.00	4.95	4.95	9.80	0.00	0.00	30

FUTURE CONDITIONS 20-YR 24-HR CLIMATE CHANGE CONDUITS

		ID	Full Depth (ft)	Full Flow (cfs)	Percent Slope (%)	Maximum Flow (cfs)	Maximum Flow Class	Max.Flow Day-Time (day-time)	Velocity at Maximum Flow (ft/s)	Maximum Velocity (ft/s)	Max.Flow/Fu ll Flow	Max.Depth/F ull Depth	Reserve Capacity (cfs)	Total Flow Volume (MG)	Maximum Top Width (ft)	Both End Surcharge Time (hrs)	Upstream Surcharge Time (hrs)	Downstream Surcharge Time (hrs)	Above Full-Flow Time (hrs)	Capacity Limited Time (hrs)	Instability Index
442	☐	1419	5.00	119.02	0.21	107.77	Backwater	0 - 09:59 hrs	5.49	5.49	0.91	1.00	11.25	13.82	5.00	4.62	4.62	6.32	0.00	0.02	20
443	☐	142	2.25	13.54	0.19	18.16	ceeds Capac	0 - 10:06 hrs	4.57	4.57	1.34	1.00	-4.62	0.85	2.25	2.93	2.93	3.26	0.28	0.28	9
444	☐	1420	2.00	11.50	0.26	12.11	ceeds Capac	0 - 09:51 hrs	3.86	3.86	1.05	1.00	-0.62	1.08	2.00	3.65	3.65	4.57	0.03	0.04	8
445	☐	1421	1.75	6.35	0.21	3.77	Backwater	0 - 09:48 hrs	1.57	1.91	0.59	1.00	2.58	0.32	1.75	3.44	3.44	3.63	0.00	0.00	14
446	☐	1422	2.75	26.58	0.25	33.88	ceeds Capac	0 - 09:59 hrs	5.70	5.70	1.27	1.00	-7.30	2.44	2.75	1.95	1.95	2.34	0.36	0.38	6
447	☐	1423	1.75	4.70	0.12	3.77	Backwater	0 - 09:48 hrs	1.57	1.89	0.80	1.00	0.93	0.32	1.75	3.20	3.20	3.44	0.00	0.01	12
448	☐	1424	1.50	4.08	0.20	3.77	Backwater	0 - 09:48 hrs	2.13	2.66	0.92	1.00	0.31	0.32	1.50	3.02	3.02	3.26	0.00	0.01	11
449	☐	1425	2.75	17.78	0.11	18.63	ceeds Capac	0 - 10:11 hrs	3.14	3.14	1.05	1.00	-0.85	1.72	2.75	1.80	1.80	1.95	0.23	0.32	5
450	☐	1426	2.75	17.07	0.10	18.64	ceeds Capac	0 - 10:11 hrs	3.14	4.12	1.09	1.00	-1.57	1.72	2.75	1.68	1.68	1.71	0.50	0.67	8
451	☐	1427	2.00	10.93	0.23	9.76	Backwater	0 - 09:52 hrs	3.11	3.62	0.89	1.00	1.17	0.58	2.00	1.74	1.74	1.79	0.00	0.18	7
452	☐	1428	2.75	33.20	0.39	19.52	Backwater	0 - 09:52 hrs	3.29	3.64	0.59	1.00	13.68	1.14	2.75	1.40	1.40	1.68	0.00	0.00	8
453	☐	1429	2.75	16.67	0.10	30.45	ceeds Capac	0 - 09:51 hrs	5.31	5.31	1.83	1.00	-13.78	1.14	2.75	1.29	1.30	1.40	0.04	0.01	4
454	☐	143	2.50	18.00	0.19	27.59	ceeds Capac	0 - 09:52 hrs	5.62	5.62	1.53	1.00	-9.59	4.13	2.50	3.11	3.11	3.29	1.94	1.93	12
455	☐	1430	2.75	9.71	0.03	39.81	ceeds Capac	0 - 09:51 hrs	6.70	6.70	4.10	1.00	-30.09	1.14	2.75	1.27	1.31	1.27	1.73	0.79	5
456	☐	1431	2.75	15.04	0.08	28.25	ceeds Capac	0 - 09:51 hrs	4.76	4.76	1.88	1.00	-13.21	0.10	2.75	1.25	1.25	1.31	0.01	0.09	4
457	☐	1432	2.25	15.54	0.25	23.46	ceeds Capac	0 - 09:49 hrs	5.92	5.98	1.51	1.00	-7.92	4.91	2.25	1.42	2.26	1.42	3.11	1.27	3
458	☐	1433	2.25	13.60	0.19	14.26	ceeds Capac	0 - 11:30 hrs	3.59	3.59	1.05	1.00	-0.66	3.72	2.25	2.39	2.41	2.42	0.84	0.75	8
459	☐	1434	2.25	10.71	0.12	9.15	Backwater	0 - 10:27 hrs	2.30	2.30	0.85	1.00	1.56	1.47	2.25	1.63	1.63	2.41	0.00	0.01	7
460	☐	1435	2.25	17.08	0.30	14.48	Backwater	0 - 10:06 hrs	3.64	3.64	0.85	1.00	2.61	0.94	2.25	0.91	0.91	1.55	0.00	0.00	2
461	☐	1436	2.00	51.89	5.26	27.15	Backwater	0 - 09:51 hrs	9.15	11.89	0.52	1.00	24.74	0.90	2.00	0.91	0.91	1.03	0.00	0.00	2
462	☐	1438	1.00	0.56	0.03	2.76	Backwater	0 - 09:51 hrs	3.86	3.86	4.92	1.00	-2.20	0.73	1.00	1.52	1.52	2.06	22.11	0.00	6
463	☐	1439	3.00	102.60	2.37	11.31	Backwater	0 - 09:51 hrs	1.60	1.60	0.11	1.00	91.29	0.84	3.00	1.66	1.66	1.81	0.00	0.01	8
464	☐	144	1.75	7.11	0.27	11.53	ceeds Capac	0 - 09:49 hrs	4.79	4.79	1.62	1.00	-4.42	1.18	1.75	1.61	1.65	1.66	0.14	0.03	1
465	☐	1440	1.00	5.23	2.87	1.69	Backwater	0 - 11:15 hrs	2.29	3.17	0.32	1.00	3.53	0.18	1.00	1.41	1.41	2.07	0.00	0.00	3
466	☐	1441	2.50	16.70	0.17	23.59	ceeds Capac	0 - 09:51 hrs	5.07	5.35	1.41	1.00	-6.90	3.03	2.50	1.26	1.26	1.26	1.47	0.69	6
467	☐	1442	3.00	24.83	0.14	25.12	Backwater	0 - 09:51 hrs	3.78	4.00	1.01	1.00	-0.29	3.22	3.00	1.19	1.19	1.29	0.01	0.06	5
468	☐	1443	3.00	23.27	0.12	29.85	ceeds Capac	0 - 09:59 hrs	4.22	4.22	1.28	1.00	-6.58	3.43	3.00	1.31	1.31	1.34	0.45	0.48	4
469	☐	1444	3.00	27.77	0.17	29.87	ceeds Capac	0 - 09:59 hrs	4.23	4.23	1.08	1.00	-2.10	3.43	3.00	1.36	1.36	1.41	0.17	0.18	5
470	☐	1445	3.00	47.00	0.50	28.45	Backwater	0 - 10:03 hrs	4.02	4.02	0.61	1.00	18.55	3.42	3.00	1.39	1.39	1.44	0.00	0.01	7
471	☐	1446	3.00	24.22	0.13	32.49	ceeds Capac	0 - 10:02 hrs	4.60	4.60	1.34	1.00	-8.27	3.57	3.00	1.46	1.46	1.46	0.43	0.71	7
472	☐	1447	3.00	119.10	3.19	42.27	Backwater	0 - 09:49 hrs	7.90	8.83	0.35	1.00	76.83	4.88	3.00	1.36	1.36	1.40	0.00	0.05	5
473	☐	1448	1.50	1.83	0.04	8.85	ceeds Capac	0 - 09:51 hrs	5.12	5.24	4.83	1.00	-7.02	1.06	1.50	1.58	1.61	1.58	5.80	1.41	7
474	☐	1449	2.50	24.41	0.35	35.29	ceeds Capac	0 - 09:51 hrs	7.23	7.40	1.45	1.00	-10.89	3.97	2.50	1.40	1.43	1.45	0.23	0.17	3
475	☐	1450	2.50	19.45	0.22	29.01	ceeds Capac	0 - 09:51 hrs	5.91	5.91	1.49	1.00	-9.56	3.47	2.50	1.41	1.43	1.42	0.58	0.42	5
476	☐	1451	2.50	10.93	0.07	29.05	ceeds Capac	0 - 09:51 hrs	5.92	5.92	2.66	1.00	-18.12	3.47	2.50	1.44	1.56	1.44	3.18	1.38	5
477	☐	1452	2.50	22.04	0.29	24.42	ceeds Capac	0 - 09:51 hrs	4.97	5.01	1.11	1.00	-2.38	3.03	2.50	1.22	1.23	1.31	0.05	0.02	5
478	☐	1453	2.50	28.32	0.48	24.99	Backwater	0 - 09:51 hrs	5.23	5.37	0.88	1.00	3.32	3.03	2.50	1.09	1.09	1.33	0.00	0.00	4
479	☐	1454	2.00	4.76	0.04	17.99	ceeds Capac	0 - 09:48 hrs	5.73	5.73	3.78	1.00	-13.23	2.14	2.00	1.30	1.37	1.30	4.48	1.01	5
480	☐	1455	2.00	6.15	0.07	18.00	ceeds Capac	0 - 09:48 hrs	5.73	5.73	2.93	1.00	-11.85	2.14	2.00	1.37	1.46	1.37	3.26	1.09	6
481	☐	1456	2.75	23.94	0.20	22.73	Backwater	0 - 09:59 hrs	3.83	3.83	0.95	1.00	1.21	2.79	2.75	14.82	14.82	15.34	0.00	0.00	51
482	☐	1457	1.25	3.50	0.39	2.07	Backwater	0 - 10:11 hrs	1.68	1.68	0.59	1.00	1.43	0.02	1.25	1.45	1.45	7.82	0.00	0.00	4
483	☐	1458	2.00	8.30	0.13	17.99	Backwater	0 - 09:48 hrs	5.73	5.73	2.17	1.00	-9.69	2.14	2.00	1.46	1.46	1.77	2.01	0.00	5
484	☐	146	3.50	127.08	1.60	47.58	Backwater	0 - 11:23 hrs	4.95	5.47	0.37	1.00	79.49	15.93	3.50	20.05	20.05	20.91	0.00	0.00	73
485	☐	1460	2.00	7.50	0.11	2.12	Backwater	0 - 09:40 hrs	0.69	0.69	0.28	1.00	5.38	0.00	2.00	1.76	1.76	1.97	0.00	0.00	6
486	☐	1461	1.50	5.99	0.43	1.76	Backwater	0 - 09:41 hrs	1.20	1.28	0.29	1.00	4.23	0.00	1.50	1.42	1.42	2.00	0.00	0.00	5
487	☐	1462	3.50	10.06	0.01	57.61	ceeds Capac	0 - 09:59 hrs	5.99	5.99	5.73	1.00	-47.55	2.76	3.50	12.12	12.15	12.22	3.18	5.38	25
488	☐	147	6.50	74.35	0.02	152.99	ceeds Capac	0 - 09:53 hrs	4.61	4.61	2.06	1.00	-78.64	19.72	6.50	17.03	17.03	17.07	1.89	3.20	63
489	☐	148	6.50	74.17	0.02	152.96	ceeds Capac	0 - 09:52 hrs	4.61	4.61	2.06	1.00	-78.79	19.49	6.50	17.12	17.12	17.20	1.90	3.85	63
490	☐	149	6.50	155.14	0.09	196.92	Backwater	0 - 09:52 hrs	5.93	5.93	1.27	1.00	-41.77	17.95	6.50	16.81	16.81	17.17	0.66	0.00	61

FUTURE CONDITIONS 20-YR 24-HR CLIMATE CHANGE CONDUITS

		ID	Full Depth (ft)	Full Flow (cfs)	Percent Slope (%)	Maximum Flow (cfs)	Maximum Flow Class	Max.Flow Day-Time (day-time)	Velocity at Maximum Flow (ft/s)	Maximum Velocity (ft/s)	Max.Flow/Fu ll Flow	Max.Depth/F ull Depth	Reserve Capacity (cfs)	Total Flow Volume (MG)	Maximum Top Width (ft)	Both End Surcharge Time (hrs)	Upstream Surcharge Time (hrs)	Downstream Surcharge Time (hrs)	Above Full-Flow Time (hrs)	Capacity Limited Time (hrs)	Instability Index
491	☐	15	2.00	10.12	0.20	15.93	ceeds Capac	0 - 14:11 hrs	5.07	5.07	1.57	1.00	-5.80	4.87	2.00	5.70	7.06	5.70	7.92	5.70	6
492	☐	152	6.00	140.59	0.11	142.45	ceeds Capac	0 - 09:53 hrs	5.04	5.04	1.01	1.00	-1.86	27.84	6.00	16.20	16.20	17.11	0.08	0.09	49
493	☐	155	6.00	173.41	0.17	171.74	Backwater	0 - 09:59 hrs	6.07	6.07	0.99	1.00	1.68	29.75	6.00	15.63	15.63	16.20	0.00	0.09	56
494	☐	156	2.50	39.27	0.92	12.36	Backwater	0 - 09:52 hrs	2.52	2.52	0.31	1.00	26.91	2.58	2.50	16.77	16.77	16.98	0.00	0.07	66
495	☐	157	6.50	74.16	0.02	152.92	ceeds Capac	0 - 09:52 hrs	4.61	4.61	2.06	1.00	-78.76	19.61	6.50	17.07	17.07	17.12	1.90	3.81	61
496	☐	158	3.50	24.07	0.16	22.26	Backwater	0 - 11:57 hrs	2.31	2.31	0.92	1.00	1.81	7.90	3.50	18.16	18.16	19.84	0.00	0.00	36
497	☐	159	3.50	23.78	0.16	27.89	ceeds Capac	0 - 10:53 hrs	2.90	2.90	1.17	1.00	-4.10	8.29	3.50	17.22	17.22	18.16	2.32	2.35	44
498	☐	16	2.00	17.23	0.58	24.58	ceeds Capac	0 - 09:42 hrs	7.82	7.82	1.43	1.00	-7.35	7.31	2.00	1.99	5.70	1.99	6.18	1.99	12
499	☐	160	3.50	23.81	0.16	21.90	Backwater	0 - 10:07 hrs	2.28	2.28	0.92	1.00	1.90	6.12	3.50	16.51	16.51	17.22	0.00	0.00	55
500	☐	161	3.50	23.73	0.16	23.18	Backwater	0 - 10:04 hrs	2.41	2.41	0.98	1.00	0.55	5.30	3.50	16.30	16.30	16.51	0.00	0.04	60
501	☐	162	2.50	20.51	0.25	15.40	Backwater	0 - 11:30 hrs	3.14	3.49	0.75	1.00	5.11	4.63	2.50	6.62	6.62	8.94	0.00	0.00	23
502	☐	164	2.50	43.04	1.10	39.10	Backwater	0 - 09:52 hrs	7.97	9.08	0.91	1.00	3.93	3.74	2.50	2.06	2.06	3.51	0.00	0.00	9
503	☐	165	3.50	44.98	0.20	39.79	Backwater	0 - 09:59 hrs	4.14	4.14	0.88	1.00	5.20	1.64	3.49	23.76	23.76	23.77	0.00	0.09	79
504	☐	166	3.50	46.82	0.22	39.71	Backwater	0 - 09:59 hrs	4.13	4.31	0.85	1.00	7.10	1.65	3.49	23.75	23.75	23.76	0.00	1.36	86
505	☐	167	3.50	44.57	0.20	39.74	Backwater	0 - 09:59 hrs	4.13	4.13	0.89	1.00	4.83	1.66	3.47	13.68	13.68	23.75	0.00	0.05	77
506	☐	17	2.50	31.25	0.58	24.55	Backwater	0 - 11:17 hrs	5.14	5.21	0.79	1.00	6.70	7.31	2.50	0.88	0.88	6.40	0.00	0.00	16
507	☐	170	4.50	62.55	0.10	143.83	ceeds Capac	0 - 00:02 hrs	9.34	11.94	2.30	1.00	-81.28	8.82	2.60	23.95	23.95	23.98	0.74	0.70	80
508	☐	171	2.50	19.99	0.24	20.12	ceeds Capac	0 - 09:38 hrs	4.10	5.27	1.01	1.00	-0.12	6.36	2.50	4.12	4.13	4.13	0.09	2.03	20
509	☐	172	3.50	25.16	0.06	27.78	ceeds Capac	0 - 10:15 hrs	2.89	2.89	1.10	1.00	-2.62	2.88	3.49	1.86	1.86	2.43	0.52	0.49	5
510	☐	173	3.50	55.28	0.30	30.88	Backwater	0 - 00:09 hrs	4.18	4.48	0.56	1.00	24.40	2.82	3.35	23.59	23.59	23.83	0.00	0.00	87
511	☐	174	2.75	72.91	1.90	16.57	Backwater	0 - 09:37 hrs	2.79	3.96	0.23	1.00	56.33	3.46	2.61	2.35	2.35	23.92	0.00	0.00	64
512	☐	175	1.75	13.48	0.96	11.12	Backwater	0 - 10:07 hrs	4.62	4.62	0.82	1.00	2.36	1.33	1.75	4.21	4.21	4.84	0.00	0.00	17
513	☐	176	2.00	5.36	0.06	16.46	ceeds Capac	0 - 09:37 hrs	5.24	5.24	3.07	1.00	-11.10	3.49	2.00	5.42	5.59	5.42	7.63	5.42	6
514	☐	177	2.00	8.51	0.14	16.46	ceeds Capac	0 - 09:37 hrs	5.24	5.24	1.93	1.00	-7.95	3.48	2.00	5.35	5.35	23.76	4.31	4.31	5
515	☐	178	4.50	19.66	0.01	95.80	ceeds Capac	0 - 00:04 hrs	6.18	8.61	4.87	1.00	-76.13	7.11	4.50	23.92	23.93	23.92	3.82	6.07	82
516	☐	179	4.50	61.30	0.10	91.48	ceeds Capac	0 - 00:04 hrs	7.00	7.60	1.49	1.00	-30.18	7.15	4.35	23.92	23.92	23.92	0.04	0.02	83
517	☐	180	3.75	69.01	0.33	70.39	Backwater	0 - 00:05 hrs	6.94	8.48	1.02	1.00	-1.38	3.72	3.25	23.89	23.89	23.92	0.01	0.00	78
518	☐	181	3.75	43.10	0.13	62.74	ceeds Capac	0 - 00:05 hrs	7.83	7.83	1.46	1.00	-19.64	3.75	3.42	23.88	23.88	23.89	0.26	0.26	80
519	☐	182	3.50	31.13	0.10	40.40	Backwater	0 - 00:07 hrs	6.08	6.10	1.30	1.00	-9.27	2.79	3.42	23.83	23.83	23.86	0.05	0.03	70
520	☐	183	3.50	44.03	0.19	27.81	Backwater	0 - 10:15 hrs	2.89	2.89	0.63	1.00	16.23	2.91	3.50	1.14	1.14	1.86	0.00	0.00	4
521	☐	184	2.00	14.41	0.41	15.95	ceeds Capac	0 - 10:29 hrs	5.08	5.08	1.11	1.00	-1.54	1.56	2.00	1.65	1.65	2.14	0.21	0.21	5
522	☐	185	2.00	11.46	0.26	15.93	ceeds Capac	0 - 10:29 hrs	5.07	5.07	1.39	1.00	-4.48	1.62	2.00	1.47	1.47	1.57	0.58	0.59	3
523	☐	186	3.50	41.74	0.17	27.77	Backwater	0 - 10:15 hrs	2.89	4.16	0.67	1.00	13.96	2.85	3.48	2.43	2.43	23.59	0.00	0.00	26
524	☐	187	2.00	4.64	0.12	8.79	ceeds Capac	0 - 12:45 hrs	2.80	2.80	1.89	1.00	-4.14	4.15	2.00	20.24	20.25	20.24	18.81	18.39	89
525	☐	188	2.00	4.67	0.12	8.78	ceeds Capac	0 - 15:55 hrs	2.79	2.79	1.88	1.00	-4.10	4.15	2.00	20.22	20.24	20.22	18.66	18.41	82
526	☐	189	2.00	4.63	0.12	8.78	ceeds Capac	0 - 13:41 hrs	2.79	2.79	1.90	1.00	-4.15	4.14	2.00	20.14	20.22	20.14	18.80	18.60	79
527	☐	19	4.50	87.90	0.20	75.89	Backwater	0 - 11:59 hrs	4.77	4.77	0.86	1.00	12.01	18.82	4.50	5.20	5.20	15.31	0.00	0.00	20
528	☐	190	2.00	4.65	0.12	8.78	ceeds Capac	0 - 14:22 hrs	2.79	2.79	1.89	1.00	-4.13	4.13	2.00	20.13	20.14	20.13	18.68	18.38	82
529	☐	191	2.00	1.93	0.02	8.80	ceeds Capac	0 - 12:45 hrs	2.80	2.80	4.55	1.00	-6.86	4.13	1.99	20.13	20.13	20.13	20.29	20.13	82
530	☐	192	2.00	6.43	0.23	8.77	ceeds Capac	0 - 12:45 hrs	2.79	2.79	1.36	1.00	-2.34	4.13	1.99	20.13	20.13	20.13	14.20	14.35	80
531	☐	193	2.00	4.61	0.12	8.77	ceeds Capac	0 - 12:45 hrs	2.79	2.79	1.90	1.00	-4.17	4.12	1.99	20.13	20.13	20.14	18.74	18.69	62
532	☐	194	2.00	8.27	0.38	8.77	Free Surface	0 - 12:45 hrs	3.41	3.41	1.06	0.76	-0.51	4.11	1.98	0.00	0.00	20.14	12.79	0.00	67
533	☐	195	3.00	74.58	1.25	77.08	ceeds Capac	0 - 09:48 hrs	11.85	12.01	1.03	1.00	-2.50	12.08	3.00	1.12	1.12	1.22	0.56	0.54	5
534	☐	196	3.00	75.04	1.27	75.85	ceeds Capac	0 - 10:29 hrs	10.73	10.73	1.01	1.00	-0.81	12.08	3.00	1.35	1.35	1.77	0.39	0.42	5
535	☐	197	5.00	87.41	0.11	117.52	ceeds Capac	0 - 09:59 hrs	5.99	5.99	1.34	1.00	-30.11	17.58	5.00	22.17	22.17	23.96	1.69	1.68	4
536	☐	198	4.00	86.75	0.36	87.02	ceeds Capac	0 - 10:45 hrs	6.92	6.92	1.00	1.00	-0.27	13.80	3.90	20.65	20.65	23.93	0.03	0.19	12
537	☐	199	4.00	116.52	0.66	127.76	ceeds Capac	0 - 09:59 hrs	10.17	10.17	1.10	1.00	-11.23	14.50	4.00	1.48	1.48	1.98	0.20	0.21	6
538	☐	20	4.50	59.36	0.09	75.39	ceeds Capac	0 - 09:59 hrs	4.74	4.74	1.27	1.00	-16.03	17.04	4.50	15.31	15.31	15.83	2.81	2.81	43
539	☐	200	2.00	27.03	1.43	21.93	Backwater	0 - 10:11 hrs	6.98	6.98	0.81	1.00	5.09	1.40	2.00	2.03	2.03	2.20	0.00	0.01	7

FUTURE CONDITIONS 20-YR 24-HR CLIMATE CHANGE CONDUITS

		ID	Full Depth (ft)	Full Flow (cfs)	Percent Slope (%)	Maximum Flow (cfs)	Maximum Flow Class	Max.Flow Day-Time (day-time)	Velocity at Maximum Flow (ft/s)	Maximum Velocity (ft/s)	Max.Flow/Fu ll Flow	Max.Depth/F ull Depth	Reserve Capacity (cfs)	Total Flow Volume (MG)	Maximum Top Width (ft)	Both End Surcharge Time (hrs)	Upstream Surcharge Time (hrs)	Downstream Surcharge Time (hrs)	Above Full-Flow Time (hrs)	Capacity Limited Time (hrs)	Instability Index
540	☐	201	2.00	12.35	0.40	14.20	ceeds Capac	0 - 09:51 hrs	4.52	4.52	1.15	1.00	-1.85	1.32	1.81	2.20	2.20	23.80	0.56	0.57	7
541	☐	202	5.00	109.10	0.18	192.33	ceeds Capac	0 - 00:02 hrs	9.94	10.00	1.76	1.00	-83.23	17.43	1.96	23.96	23.96	24.00	1.03	1.01	4
542	☐	203	2.00	53.48	5.59	48.77	Backwater	0 - 10:04 hrs	15.52	15.52	0.91	1.00	4.70	2.27	2.00	0.21	0.21	0.32	0.00	0.00	0
543	☐	204	3.50	61.39	0.37	98.77	ceeds Capac	0 - 09:59 hrs	10.27	10.27	1.61	1.00	-37.38	8.08	1.37	23.94	23.94	24.00	0.44	0.44	0
544	☐	205	3.50	68.26	0.46	102.76	ceeds Capac	0 - 09:59 hrs	10.68	10.68	1.51	1.00	-34.49	20.70	1.37	23.94	23.94	24.00	0.42	0.42	0
545	☐	206	3.50	54.85	0.30	95.26	ceeds Capac	0 - 09:59 hrs	9.90	9.90	1.74	1.00	-40.41	12.11	1.37	23.94	23.94	24.00	0.45	0.45	0
546	☐	208	2.00	7.21	0.10	14.46	ceeds Capac	0 - 09:57 hrs	4.63	4.85	2.01	1.00	-7.25	1.08	2.00	0.15	1.39	0.15	1.45	0.15	2
547	☐	209	2.00	21.61	0.91	7.46	Backwater	0 - 10:12 hrs	2.61	3.52	0.35	1.00	14.15	0.54	2.00	0.15	0.15	0.18	0.00	0.01	0
548	☐	21	2.00	10.38	0.21	11.00	ceeds Capac	0 - 09:42 hrs	3.50	3.50	1.06	1.00	-0.61	1.52	2.00	2.70	2.70	8.33	0.06	0.06	8
549	☐	210	2.00	19.47	0.74	27.57	ceeds Capac	0 - 09:59 hrs	8.79	8.81	1.42	1.00	-8.10	1.53	2.00	0.13	0.31	0.13	0.38	0.13	0
550	☐	211	2.00	19.33	0.73	23.37	ceeds Capac	0 - 09:57 hrs	7.68	7.68	1.21	1.00	-4.04	1.49	2.00	0.13	0.18	0.13	0.33	0.13	0
551	☐	212	2.50	61.83	2.27	35.26	Backwater	0 - 10:08 hrs	7.40	8.08	0.57	1.00	26.57	1.72	2.50	0.16	0.16	0.38	0.00	0.00	0
552	☐	213	3.50	104.20	1.07	101.01	Backwater	0 - 09:59 hrs	10.50	11.79	0.97	1.00	3.19	5.41	3.50	0.24	0.24	0.31	0.00	0.00	0
553	☐	214	2.50	59.37	2.09	49.89	Backwater	0 - 09:56 hrs	11.21	11.21	0.84	1.00	9.48	2.76	2.50	0.20	0.20	0.30	0.00	0.00	0
554	☐	216	3.50	107.50	1.14	93.26	Backwater	0 - 10:07 hrs	9.69	11.43	0.87	1.00	14.24	5.37	3.50	0.35	0.35	0.42	0.00	0.00	0
555	☐	217	3.50	78.39	0.61	93.27	ceeds Capac	0 - 10:07 hrs	9.69	9.69	1.19	1.00	-14.88	5.37	3.50	0.43	0.43	0.80	0.29	0.30	0
556	☐	218	4.50	102.35	0.27	123.83	ceeds Capac	0 - 09:59 hrs	7.79	7.79	1.21	1.00	-21.48	6.86	4.50	0.55	0.55	0.59	0.28	0.26	1
557	☐	219	5.00	71.37	0.08	123.83	ceeds Capac	0 - 09:59 hrs	6.31	6.31	1.73	1.00	-52.46	6.85	5.00	0.52	0.52	0.52	0.48	0.38	2
558	☐	22	2.00	12.80	0.32	10.99	Backwater	0 - 09:42 hrs	3.50	3.50	0.86	1.00	1.81	1.51	1.94	8.33	8.33	23.89	0.00	0.00	8
559	☐	220	5.00	94.30	0.13	179.30	ceeds Capac	0 - 09:59 hrs	9.13	9.13	1.90	1.00	-85.00	11.03	5.00	0.50	0.52	0.50	0.62	0.50	0
560	☐	221	2.00	53.12	5.51	55.47	ceeds Capac	0 - 09:59 hrs	17.66	17.66	1.04	1.00	-2.35	4.21	2.00	0.79	0.79	23.79	0.13	0.12	0
561	☐	222	2.00	31.37	1.92	35.68	ceeds Capac	0 - 09:52 hrs	11.36	11.36	1.14	1.00	-4.31	3.13	2.00	0.65	0.65	0.70	0.30	0.29	1
562	☐	224	2.00	26.47	1.37	35.67	ceeds Capac	0 - 09:52 hrs	11.35	11.40	1.35	1.00	-9.20	3.13	2.00	0.68	0.69	0.83	0.69	0.64	0
563	☐	225	2.50	102.34	6.22	0.00	Free Surface	0 - 00:00 hrs	0.00	0.00	0.00	0.50	102.34	0.00	2.50	0.00	0.00	0.00	0.00	0.00	0
564	☐	226	2.50	29.61	0.52	13.05	Backwater	0 - 09:55 hrs	2.89	3.18	0.44	1.00	16.55	0.00	2.50	0.26	0.26	0.45	0.00	0.00	1
565	☐	227	2.50	38.38	0.88	13.07	Backwater	0 - 09:55 hrs	2.66	2.66	0.34	1.00	25.32	0.00	2.49	0.45	0.45	1.39	0.00	0.00	1
566	☐	228	5.50	156.36	0.22	250.20	ceeds Capac	0 - 09:59 hrs	10.53	10.53	1.60	1.00	-93.84	14.49	5.49	0.39	0.40	0.39	0.45	0.39	0
567	☐	229	2.00	37.17	2.70	47.11	ceeds Capac	0 - 10:00 hrs	14.99	14.99	1.27	1.00	-9.94	2.26	1.91	0.32	0.32	23.82	0.25	0.25	0
568	☐	23	4.00	87.35	0.37	17.72	Backwater	0 - 00:06 hrs	2.70	2.98	0.20	1.00	69.63	1.49	3.99	3.92	3.92	23.74	0.00	0.00	43
569	☐	230	5.50	83.06	0.06	296.76	ceeds Capac	0 - 09:59 hrs	12.49	12.49	3.57	1.00	-213.69	16.68	5.50	0.17	0.39	0.17	1.28	0.17	0
570	☐	231	2.25	25.36	0.67	21.40	Backwater	0 - 10:42 hrs	5.38	5.38	0.84	1.00	3.96	3.20	2.25	1.24	1.24	1.91	0.00	0.00	5
571	☐	232	2.00	10.58	0.22	13.55	ceeds Capac	0 - 09:48 hrs	4.31	4.31	1.28	1.00	-2.97	1.43	2.00	1.37	1.37	1.39	0.60	0.48	4
572	☐	233	2.00	2.29	0.01	9.66	ceeds Capac	0 - 10:00 hrs	3.07	3.07	4.22	1.00	-7.37	0.39	2.00	1.38	1.38	1.39	2.08	0.76	9
573	☐	234	2.00	20.77	0.84	18.74	Backwater	0 - 09:59 hrs	5.97	5.97	0.90	1.00	2.03	0.73	2.00	0.12	0.12	0.92	0.00	0.00	0
574	☐	235	2.00	17.31	0.59	18.74	ceeds Capac	0 - 09:59 hrs	5.97	5.97	1.08	1.00	-1.43	0.73	2.00	1.16	1.16	1.26	0.02	0.05	3
575	☐	236	2.00	6.53	0.08	6.13	Backwater	0 - 10:06 hrs	1.95	1.95	0.94	1.00	0.40	0.04	2.00	1.80	1.80	2.01	0.00	0.01	7
576	☐	237	2.50	15.31	0.14	35.77	ceeds Capac	0 - 10:04 hrs	7.29	7.29	2.34	1.00	-20.45	4.86	2.50	1.61	1.78	1.61	3.00	1.61	8
577	☐	238	2.50	18.85	0.21	35.82	ceeds Capac	0 - 10:04 hrs	7.30	7.30	1.90	1.00	-16.97	4.86	2.50	1.74	1.76	1.74	2.26	1.63	9
578	☐	239	2.50	21.67	0.28	35.78	ceeds Capac	0 - 10:00 hrs	7.29	7.29	1.65	1.00	-14.12	4.86	2.50	1.72	1.74	1.72	1.88	1.67	8
579	☐	24	2.00	17.65	0.61	36.94	ceeds Capac	0 - 09:59 hrs	11.76	11.76	2.09	1.00	-19.29	3.30	0.78	23.94	23.94	23.99	1.09	1.11	71
580	☐	240	2.50	19.57	0.23	35.78	Free Surface	0 - 10:00 hrs	7.65	7.65	1.83	0.91	-16.21	4.86	2.50	0.00	1.72	0.00	2.12	0.00	4
581	☐	241	2.50	63.26	2.38	35.76	Free Surface	0 - 10:04 hrs	8.83	13.06	0.57	0.77	27.50	4.86	2.50	0.00	0.00	0.74	0.00	0.00	1
582	☐	243	2.50	56.11	1.87	35.78	Backwater	0 - 10:00 hrs	7.29	8.15	0.64	1.00	20.32	4.86	2.50	0.83	0.83	1.17	0.00	0.00	4
583	☐	244	2.50	19.43	0.22	37.20	ceeds Capac	0 - 09:49 hrs	7.58	7.58	1.91	1.00	-17.77	5.61	2.50	1.57	2.00	1.57	2.97	1.57	6
584	☐	245	2.25	23.55	0.58	23.20	Backwater	0 - 10:11 hrs	5.83	12.21	0.99	1.00	0.35	2.14	2.25	0.96	0.96	0.98	0.00	0.43	4
585	☐	246	2.00	25.01	1.22	23.18	Backwater	0 - 10:02 hrs	7.38	7.38	0.93	1.00	1.84	2.14	2.00	0.95	0.95	1.02	0.00	0.10	4
586	☐	247	2.00	12.19	0.29	15.26	ceeds Capac	0 - 09:48 hrs	4.86	4.86	1.25	1.00	-3.07	1.65	2.00	1.47	1.47	1.49	0.18	0.41	5
587	☐	248	2.00	13.54	0.36	23.18	ceeds Capac	0 - 09:57 hrs	7.38	7.38	1.71	1.00	-9.64	2.14	2.00	1.02	1.02	1.02	1.09	0.97	4
588	☐	249	2.00	10.28	0.21	15.25	ceeds Capac	0 - 09:48 hrs	4.85	4.85	1.48	1.00	-4.97	1.65	2.00	1.49	1.49	1.55	0.60	0.57	4

FUTURE CONDITIONS 20-YR 24-HR CLIMATE CHANGE CONDUITS

		ID	Full Depth (ft)	Full Flow (cfs)	Percent Slope (%)	Maximum Flow (cfs)	Maximum Flow Class	Max.Flow Day-Time (day-time)	Velocity at Maximum Flow (ft/s)	Maximum Velocity (ft/s)	Max.Flow/Fu ll Flow	Max.Depth/F ull Depth	Reserve Capacity (cfs)	Total Flow Volume (MG)	Maximum Top Width (ft)	Both End Surcharge Time (hrs)	Upstream Surcharge Time (hrs)	Downstream Surcharge Time (hrs)	Above Full-Flow Time (hrs)	Capacity Limited Time (hrs)	Instability Index
589	☐	25	3.00	68.62	3.03	73.11	ceeds Capac	0 - 09:56 hrs	10.48	10.53	1.07	1.00	-4.49	7.58	3.00	0.32	0.32	0.42	0.38	0.32	0
590	☐	250	2.25	19.59	0.40	23.36	ceeds Capac	0 - 10:02 hrs	5.87	5.87	1.19	1.00	-3.77	2.77	2.25	1.19	1.19	1.29	0.70	0.72	5
591	☐	251	2.00	5.59	0.06	22.75	ceeds Capac	0 - 09:48 hrs	7.24	7.24	4.07	1.00	-17.16	2.50	2.00	1.08	1.68	1.08	4.44	1.08	4
592	☐	252	2.00	16.02	0.50	25.09	ceeds Capac	0 - 09:48 hrs	8.00	8.00	1.57	1.00	-9.07	1.87	2.00	1.11	1.18	1.11	0.52	0.50	4
593	☐	253	2.00	15.05	0.44	11.84	Backwater	0 - 13:34 hrs	8.91	11.18	0.79	1.00	3.21	0.28	2.00	1.09	1.10	1.12	0.00	0.28	4
594	☐	254	5.00	346.57	1.77	179.37	Backwater	0 - 00:00 hrs	9.54	9.54	0.52	1.00	167.20	4.83	2.61	0.00	0.00	24.00	0.00	0.00	0
595	☐	255	2.50	26.22	0.41	53.61	ceeds Capac	0 - 09:59 hrs	10.92	10.92	2.04	1.00	-27.39	4.83	1.07	23.89	23.89	23.99	1.41	1.42	6
596	☐	256	2.50	81.82	3.98	53.60	Free Surface	0 - 09:59 hrs	12.81	12.81	0.66	0.80	28.22	4.85	2.50	0.00	0.00	23.54	0.00	0.00	0
597	☐	257	2.50	22.36	0.30	53.71	Free Surface	0 - 09:59 hrs	11.06	11.06	2.40	0.97	-31.35	4.85	2.50	0.00	1.39	0.00	1.51	0.00	4
598	☐	258	2.50	30.11	0.54	53.72	ceeds Capac	0 - 09:59 hrs	10.94	10.94	1.78	1.00	-23.61	4.85	2.50	1.28	1.28	1.36	1.26	1.25	2
599	☐	259	2.25	16.81	0.29	19.70	ceeds Capac	0 - 10:32 hrs	4.96	5.41	1.17	1.00	-2.89	2.69	2.25	1.29	1.29	1.40	0.91	0.90	5
600	☐	26	1.50	6.08	0.45	9.62	Backwater	0 - 10:02 hrs	5.44	5.44	1.58	1.00	-3.54	0.39	1.50	1.57	1.57	1.58	0.43	0.39	5
601	☐	260	2.25	19.86	0.41	19.70	Backwater	0 - 10:30 hrs	4.96	5.50	0.99	1.00	0.16	2.69	2.25	1.43	1.43	1.51	0.00	0.11	5
602	☐	261	2.50	23.32	0.32	32.55	ceeds Capac	0 - 09:51 hrs	6.63	6.63	1.40	1.00	-9.23	3.24	2.50	1.26	1.26	1.28	1.02	0.98	1
603	☐	262	2.50	24.26	0.35	32.56	ceeds Capac	0 - 09:51 hrs	6.63	6.63	1.34	1.00	-8.29	3.25	2.50	1.25	1.25	1.28	0.97	0.94	2
604	☐	263	2.00	16.02	0.50	21.83	ceeds Capac	0 - 09:49 hrs	7.01	7.13	1.36	1.00	-5.81	1.84	2.00	0.97	1.11	0.97	0.50	0.26	0
605	☐	264	2.50	25.49	0.39	27.89	ceeds Capac	0 - 10:07 hrs	5.68	5.68	1.09	1.00	-2.39	3.48	2.50	1.53	1.53	1.78	0.74	0.75	3
606	☐	265	2.50	30.82	0.56	37.20	ceeds Capac	0 - 09:49 hrs	7.58	7.58	1.21	1.00	-6.38	5.83	2.50	1.78	1.78	2.00	1.50	1.51	2
607	☐	266	2.50	22.71	0.31	37.22	ceeds Capac	0 - 09:49 hrs	7.62	7.62	1.64	1.00	-14.52	5.60	2.50	1.27	1.58	1.27	2.30	1.26	7
608	☐	267	2.50	26.95	0.43	37.63	ceeds Capac	0 - 09:49 hrs	7.80	8.64	1.40	1.00	-10.68	5.60	2.50	1.20	1.53	1.20	1.86	0.93	6
609	☐	268	2.50	56.64	1.91	37.51	Backwater	0 - 11:07 hrs	9.16	9.60	0.66	1.00	19.13	5.60	2.50	1.20	1.20	1.22	0.00	0.19	6
610	☐	269	2.50	33.18	0.65	35.39	ceeds Capac	0 - 11:03 hrs	7.29	7.75	1.07	1.00	-2.21	5.60	2.50	1.21	1.22	1.27	0.20	0.07	5
611	☐	27	2.00	32.14	2.02	27.96	Backwater	0 - 09:57 hrs	9.72	10.35	0.87	1.00	4.18	1.68	2.00	0.13	0.13	0.22	0.00	0.00	0
612	☐	270	2.50	38.91	0.90	43.67	ceeds Capac	0 - 09:49 hrs	8.90	9.15	1.12	1.00	-4.77	6.62	2.50	1.24	1.27	1.31	0.22	0.11	4
613	☐	271	2.50	37.73	0.85	43.67	ceeds Capac	0 - 09:49 hrs	8.90	9.06	1.16	1.00	-5.95	6.62	2.50	1.19	1.31	1.19	0.51	0.34	4
614	☐	272	2.50	37.36	0.83	40.92	ceeds Capac	0 - 09:49 hrs	8.34	8.63	1.10	1.00	-3.55	6.61	2.50	1.18	1.38	1.19	0.56	0.27	2
615	☐	273	2.50	17.63	0.18	25.35	Backwater	0 - 00:03 hrs	5.48	5.54	1.44	1.00	-7.71	2.56	2.40	23.94	23.94	23.94	0.01	0.01	74
616	☐	274	2.00	7.11	0.10	11.05	ceeds Capac	0 - 00:08 hrs	3.53	3.53	1.55	1.00	-3.94	2.75	1.99	23.86	23.86	23.88	5.05	5.16	68
617	☐	275	4.50	89.91	0.21	51.56	Backwater	0 - 10:18 hrs	3.24	5.89	0.57	1.00	38.35	8.97	4.50	1.17	1.17	1.28	0.00	0.00	4
618	☐	276	6.00	134.48	0.10	360.97	Backwater	0 - 00:00 hrs	12.78	12.78	2.68	1.00	-226.49	6.11	2.35	23.99	23.99	24.00	0.07	0.01	65
619	☐	277	5.00	130.84	0.25	201.89	Backwater	0 - 00:02 hrs	10.38	10.75	1.54	1.00	-71.05	8.31	1.96	23.96	23.96	23.99	0.05	0.00	57
620	☐	278	3.00	81.85	1.51	68.50	Free Surface	0 - 10:00 hrs	10.05	12.80	0.84	0.92	13.35	8.06	3.00	0.00	0.00	0.41	0.00	0.00	1
621	☐	279	3.00	76.61	1.32	80.91	ceeds Capac	0 - 10:15 hrs	11.45	11.45	1.06	1.00	-4.29	9.60	3.00	0.67	0.67	0.78	0.50	0.47	2
622	☐	28	3.00	33.61	0.73	15.11	Free Surface	0 - 09:59 hrs	4.58	4.58	0.45	0.48	18.50	0.62	3.00	0.00	0.00	0.00	0.00	0.00	0
623	☐	280	2.50	10.20	0.06	21.09	Free Surface	0 - 10:19 hrs	4.94	4.94	2.07	0.81	-10.90	3.00	2.50	0.00	1.51	0.00	2.67	0.00	0
624	☐	281	2.50	22.15	0.29	22.15	Backwater	0 - 10:27 hrs	4.51	4.51	1.00	1.00	0.00	2.47	2.50	1.46	1.46	1.51	0.00	0.06	3
625	☐	282	2.50	21.76	0.28	30.81	ceeds Capac	0 - 09:59 hrs	6.28	6.28	1.42	1.00	-9.05	2.58	2.50	1.29	1.29	1.46	0.66	0.71	6
626	☐	283	2.50	28.13	0.47	22.98	Backwater	0 - 10:19 hrs	4.68	4.68	0.82	1.00	5.16	2.09	2.50	1.11	1.11	1.29	0.00	0.00	5
627	☐	284	3.00	92.97	1.94	21.09	Free Surface	0 - 09:56 hrs	6.72	7.65	0.23	0.48	71.87	3.00	3.00	0.00	0.00	0.00	0.00	0.00	0
628	☐	285	3.50	53.00	0.28	57.75	ceeds Capac	0 - 09:59 hrs	6.00	6.06	1.09	1.00	-4.74	5.85	1.37	23.96	23.96	24.00	0.60	0.60	7
629	☐	286	3.00	38.65	0.34	47.89	ceeds Capac	0 - 09:59 hrs	6.77	6.77	1.24	1.00	-9.24	4.10	3.00	0.79	0.79	0.83	0.57	0.57	3
630	☐	287	2.00	18.26	0.65	14.03	Backwater	0 - 10:29 hrs	4.47	4.47	0.77	1.00	4.23	1.76	2.00	1.23	1.23	1.65	0.00	0.00	10
631	☐	288	2.00	15.17	0.45	14.02	Backwater	0 - 10:29 hrs	4.46	4.46	0.92	1.00	1.15	1.76	2.00	1.01	1.01	1.23	0.00	0.01	6
632	☐	289	2.75	53.30	1.02	40.61	Backwater	0 - 00:01 hrs	7.69	7.69	0.76	1.00	12.69	1.75	2.01	23.97	23.97	23.97	0.00	0.00	55
633	☐	29	3.00	30.53	0.60	14.46	Free Surface	0 - 10:03 hrs	4.30	4.34	0.47	0.48	16.07	0.62	3.00	0.00	0.00	0.00	0.00	0.00	0
634	☐	290	2.00	26.53	1.38	9.65	Backwater	0 - 09:59 hrs	3.07	3.07	0.36	1.00	16.88	0.04	2.00	1.03	1.03	3.11	0.00	0.00	5
635	☐	291	3.00	30.57	0.21	22.24	Backwater	0 - 10:04 hrs	3.15	3.45	0.73	1.00	8.33	3.15	3.00	1.36	1.36	1.51	0.00	0.00	1
636	☐	292	3.00	30.61	0.21	24.19	Backwater	0 - 09:45 hrs	3.84	4.63	0.79	1.00	6.42	3.13	3.00	1.19	1.19	1.36	0.00	0.00	0
637	☐	294	5.50	180.50	0.29	236.69	ceeds Capac	0 - 09:56 hrs	10.00	10.02	1.31	1.00	-56.19	31.37	5.50	1.16	1.16	1.20	0.71	0.63	3

FUTURE CONDITIONS 20-YR 24-HR CLIMATE CHANGE CONDUITS

		ID	Full Depth (ft)	Full Flow (cfs)	Percent Slope (%)	Maximum Flow (cfs)	Maximum Flow Class	Max.Flow Day-Time (day-time)	Velocity at Maximum Flow (ft/s)	Maximum Velocity (ft/s)	Max.Flow/Fu ll Flow	Max.Depth/F ull Depth	Reserve Capacity (cfs)	Total Flow Volume (MG)	Maximum Top Width (ft)	Both End Surcharge Time (hrs)	Upstream Surcharge Time (hrs)	Downstream Surcharge Time (hrs)	Above Full-Flow Time (hrs)	Capacity Limited Time (hrs)	Instability Index
638	☐	295	4.00	66.66	0.22	91.92	ceeds Capac	0 - 09:55 hrs	7.32	7.32	1.38	1.00	-25.27	7.63	4.00	4.73	4.73	4.86	0.59	0.63	23
639	☐	296	3.00	55.43	0.69	65.34	ceeds Capac	0 - 09:53 hrs	9.24	9.25	1.18	1.00	-9.91	5.13	3.00	0.54	0.54	0.54	0.24	0.20	1
640	☐	297	4.50	75.58	0.15	99.85	Backwater	0 - 09:55 hrs	7.72	8.28	1.32	1.00	-24.26	11.48	4.50	0.95	0.95	0.95	0.08	0.39	4
641	☐	298	3.50	88.51	0.77	67.49	Backwater	0 - 09:59 hrs	7.01	7.01	0.76	1.00	21.02	2.72	3.50	0.77	0.77	0.97	0.00	0.00	2
642	☐	299	3.50	42.16	0.18	49.77	Backwater	0 - 09:56 hrs	6.34	6.87	1.18	1.00	-7.61	7.88	3.50	0.47	0.47	0.50	0.38	0.01	3
643	☐	30	3.00	47.16	0.50	49.21	Backwater	0 - 10:12 hrs	7.18	7.79	1.04	1.00	-2.05	8.11	2.98	0.05	0.05	0.16	0.08	0.00	0
644	☐	300	3.50	81.62	0.66	46.53	Backwater	0 - 09:56 hrs	5.85	6.85	0.57	1.00	35.10	7.86	3.50	0.50	0.50	0.97	0.00	0.00	2
645	☐	301	4.50	90.16	0.21	92.15	Backwater	0 - 09:56 hrs	6.07	6.51	1.02	1.00	-1.99	10.31	4.50	0.83	0.83	0.88	0.01	0.00	3
646	☐	302	4.50	99.35	0.26	91.58	Backwater	0 - 09:56 hrs	6.07	6.12	0.92	1.00	7.78	10.31	4.50	0.88	0.88	0.92	0.00	0.00	3
647	☐	303	4.50	75.51	0.15	96.63	Backwater	0 - 09:56 hrs	6.48	6.56	1.28	1.00	-21.11	10.77	4.50	0.93	0.93	0.95	0.06	0.04	3
648	☐	304	4.00	14.36	0.01	67.55	ceeds Capac	0 - 09:59 hrs	5.38	7.06	4.70	1.00	-53.19	2.72	4.00	0.70	0.71	0.70	1.14	0.36	3
649	☐	305	3.50	67.92	0.46	59.31	Backwater	0 - 10:18 hrs	6.38	6.67	0.87	1.00	8.60	7.92	3.50	0.29	0.29	0.38	0.00	0.00	0
650	☐	306	2.50	34.84	0.72	89.33	ceeds Capac	0 - 09:59 hrs	18.20	18.20	2.56	1.00	-54.49	7.88	2.50	2.05	2.05	2.27	1.10	1.19	5
651	☐	307	2.50	34.80	0.72	33.49	Backwater	0 - 09:56 hrs	6.82	6.82	0.96	1.00	1.31	5.72	2.50	1.53	1.53	2.05	0.00	0.00	6
652	☐	308	2.50	34.81	0.72	33.49	Backwater	0 - 09:56 hrs	6.82	7.86	0.96	1.00	1.32	5.73	2.50	1.24	1.24	1.53	0.00	0.00	4
653	☐	309	2.00	19.19	0.72	21.92	ceeds Capac	0 - 09:44 hrs	7.15	7.15	1.14	1.00	-2.72	4.38	2.00	1.35	1.37	1.41	0.16	0.08	2
654	☐	31	2.00	38.11	2.84	12.52	Free Surface	0 - 09:57 hrs	9.79	10.06	0.33	0.49	25.59	0.52	1.99	0.00	0.00	0.00	0.00	0.00	0
655	☐	310	2.00	19.20	0.72	21.90	ceeds Capac	0 - 09:44 hrs	6.98	7.00	1.14	1.00	-2.70	4.38	2.00	1.29	1.30	1.37	0.15	0.11	3
656	☐	311	3.00	39.31	0.35	35.72	Backwater	0 - 09:59 hrs	5.05	5.89	0.91	1.00	3.59	4.56	3.00	1.43	1.43	1.56	0.00	0.00	5
657	☐	312	3.00	32.26	0.23	27.00	Backwater	0 - 09:45 hrs	4.23	5.28	0.84	1.00	5.26	4.14	3.00	1.30	1.30	1.43	0.00	0.00	5
658	☐	313	3.00	31.49	0.22	30.56	Backwater	0 - 09:47 hrs	5.24	5.26	0.97	1.00	0.93	4.14	3.00	1.25	1.25	1.30	0.00	0.00	5
659	☐	314	2.50	92.75	5.11	124.73	ceeds Capac	0 - 09:59 hrs	25.41	25.41	1.34	1.00	-31.97	7.44	2.50	0.25	0.30	0.27	0.27	0.24	0
660	☐	315	2.50	40.85	0.99	31.43	Backwater	0 - 10:26 hrs	6.40	6.46	0.77	1.00	9.42	3.00	2.50	0.85	0.85	0.90	0.00	0.02	2
661	☐	316	2.25	22.68	0.54	35.71	ceeds Capac	0 - 09:59 hrs	8.98	8.98	1.57	1.00	-13.03	2.50	2.25	0.41	0.45	0.41	0.49	0.41	0
662	☐	317	2.25	23.82	0.59	27.11	ceeds Capac	0 - 10:06 hrs	6.82	6.82	1.14	1.00	-3.29	2.03	2.25	0.41	0.41	0.45	0.35	0.35	0
663	☐	318	6.50	235.08	0.20	303.76	ceeds Capac	0 - 10:06 hrs	9.15	9.15	1.29	1.00	-68.68	26.87	6.50	0.74	0.74	0.79	0.37	0.37	2
664	☐	319	7.00	498.96	0.61	472.50	Backwater	0 - 10:00 hrs	12.28	12.28	0.95	1.00	26.46	71.24	6.95	0.19	0.19	6.99	0.00	0.00	0
665	☐	32	2.50	34.62	0.71	24.56	Backwater	0 - 11:17 hrs	5.00	5.00	0.71	1.00	10.06	7.30	2.25	6.40	6.40	9.90	0.00	0.00	22
666	☐	320	6.50	1,324.50	6.38	427.07	Free Surface	0 - 10:02 hrs	17.34	20.54	0.32	0.70	897.43	69.25	6.50	0.00	0.00	0.26	0.00	0.00	0
667	☐	323	6.50	906.48	2.99	427.09	Free Surface	0 - 10:02 hrs	21.35	22.08	0.47	0.58	479.39	69.25	6.50	0.00	0.00	0.00	0.00	0.00	0
668	☐	327	6.50	389.40	0.55	443.81	ceeds Capac	0 - 09:57 hrs	13.68	13.68	1.14	1.00	-54.41	69.23	6.50	0.25	0.43	0.25	0.73	0.25	0
669	☐	33	1.50	7.34	0.65	11.41	Free Surface	0 - 09:56 hrs	6.67	6.67	1.55	0.93	-4.07	0.52	1.50	0.00	0.00	0.25	0.35	0.00	0
670	☐	331	6.50	416.85	0.63	446.75	ceeds Capac	0 - 09:57 hrs	13.75	14.52	1.07	1.00	-29.90	69.36	6.50	0.39	0.39	0.43	0.28	0.21	1
671	☐	332	3.00	41.29	0.38	39.91	Backwater	0 - 10:26 hrs	5.65	6.68	0.97	1.00	1.38	5.48	3.00	1.45	1.45	1.61	0.00	0.11	7
672	☐	333	2.50	4.10	0.01	35.20	Backwater	0 - 09:59 hrs	7.17	7.17	8.58	1.00	-31.10	8.15	2.50	4.70	4.70	5.76	21.98	0.00	20
673	☐	334	2.50	18.09	0.19	35.32	Backwater	0 - 09:59 hrs	7.20	7.20	1.95	1.00	-17.23	8.16	2.50	5.54	5.54	5.67	5.40	0.18	23
674	☐	335	2.50	4.10	0.01	18.12	Backwater	0 - 10:12 hrs	3.69	3.69	4.42	1.00	-14.01	1.46	2.50	21.04	21.04	21.05	2.84	5.94	77
675	☐	336	4.00	27.11	0.04	61.42	ceeds Capac	0 - 10:30 hrs	4.89	5.76	2.27	1.00	-34.31	9.54	4.00	1.53	1.55	1.53	3.07	1.23	7
676	☐	337	3.50	40.29	0.16	28.59	Backwater	0 - 11:03 hrs	2.97	3.18	0.71	1.00	11.69	5.35	3.48	23.76	23.76	23.77	0.00	0.13	83
677	☐	338	2.50	16.69	0.17	19.34	ceeds Capac	0 - 10:00 hrs	3.94	4.25	1.16	1.00	-2.66	2.50	2.49	3.81	3.81	4.06	0.87	1.17	19
678	☐	339	4.50	76.04	0.15	153.61	ceeds Capac	0 - 09:56 hrs	9.66	9.66	2.02	1.00	-77.56	9.08	4.50	0.57	0.57	0.57	0.54	0.42	1
679	☐	34	3.00	17.48	0.07	28.44	ceeds Capac	0 - 00:15 hrs	4.04	4.27	1.63	1.00	-10.96	3.21	3.00	23.74	23.74	23.78	0.84	0.74	59
680	☐	340	3.00	37.05	0.31	47.88	ceeds Capac	0 - 09:59 hrs	6.77	6.77	1.29	1.00	-10.84	4.10	3.00	0.73	0.73	0.79	0.62	0.61	2
681	☐	341	2.25	31.37	1.03	20.96	Backwater	0 - 10:19 hrs	5.27	6.31	0.67	1.00	10.41	1.76	2.25	0.77	0.77	0.80	0.00	0.09	1
682	☐	342	4.00	87.19	1.06	192.82	Free Surface	0 - 10:04 hrs	15.44	15.44	2.21	0.98	-105.63	13.16	4.00	0.00	0.49	0.00	0.82	0.00	0
683	☐	343	3.00	60.48	0.82	76.69	ceeds Capac	0 - 09:56 hrs	10.89	10.89	1.27	1.00	-16.20	7.58	3.00	0.32	0.42	0.32	0.53	0.32	0
684	☐	344	3.00	48.98	0.54	47.30	Backwater	0 - 09:53 hrs	7.10	7.45	0.97	1.00	1.68	5.70	3.00	0.34	0.34	0.42	0.00	0.00	0
685	☐	345	3.00	53.10	0.63	33.57	Free Surface	0 - 10:00 hrs	5.15	6.11	0.63	0.87	19.53	3.51	3.00	0.00	0.00	0.34	0.00	0.00	0
686	☐	347	5.00	163.50	1.13	207.54	Free Surface	0 - 09:59 hrs	13.07	13.07	1.27	0.76	-44.04	21.13	5.00	0.00	0.60	0.00	0.69	0.00	0

FUTURE CONDITIONS 20-YR 24-HR CLIMATE CHANGE CONDUITS

		ID	Full Depth (ft)	Full Flow (cfs)	Percent Slope (%)	Maximum Flow (cfs)	Maximum Flow Class	Max.Flow Day-Time (day-time)	Velocity at Maximum Flow (ft/s)	Maximum Velocity (ft/s)	Max.Flow/Fu ll Flow	Max.Depth/F ull Depth	Reserve Capacity (cfs)	Total Flow Volume (MG)	Maximum Top Width (ft)	Both End Surcharge Time (hrs)	Upstream Surcharge Time (hrs)	Downstream Surcharge Time (hrs)	Above Full-Flow Time (hrs)	Capacity Limited Time (hrs)	Instability Index
687	☐	348	3.50	55.39	0.87	78.64	ceeds Capac	0 - 09:52 hrs	8.21	8.21	1.42	1.00	-23.25	8.73	3.50	0.73	0.88	0.73	1.09	0.73	2
688	☐	349	2.25	29.68	0.92	39.63	ceeds Capac	0 - 09:51 hrs	10.00	10.00	1.34	1.00	-9.95	4.81	2.25	0.76	1.06	0.76	1.18	0.76	2
689	☐	35	4.50	82.26	0.18	92.82	ceeds Capac	0 - 09:59 hrs	5.84	5.84	1.13	1.00	-10.56	17.58	4.50	15.83	15.83	16.36	0.36	0.41	55
690	☐	350	1.50	14.96	2.70	6.00	Backwater	0 - 09:49 hrs	3.68	3.68	0.40	1.00	8.96	0.00	1.50	0.97	0.97	1.09	0.00	0.00	7
691	☐	351	3.50	57.28	0.93	78.66	ceeds Capac	0 - 09:52 hrs	8.18	8.18	1.37	1.00	-21.38	8.76	3.50	0.88	0.95	0.88	1.05	0.88	1
692	☐	352	3.50	96.03	0.91	104.62	ceeds Capac	0 - 10:08 hrs	10.87	10.87	1.09	1.00	-8.59	9.13	3.50	0.95	0.95	0.97	0.28	0.32	1
693	☐	353	4.50	152.34	0.60	166.50	ceeds Capac	0 - 10:07 hrs	10.47	10.47	1.09	1.00	-14.16	19.39	4.50	0.62	0.62	0.81	0.55	0.51	0
694	☐	354	3.50	84.00	2.00	80.15	Backwater	0 - 09:52 hrs	8.35	8.35	0.95	1.00	3.86	8.68	3.50	0.73	0.73	0.77	0.00	0.04	2
695	☐	355	3.50	50.22	0.25	57.75	ceeds Capac	0 - 09:59 hrs	6.00	6.14	1.15	1.00	-7.53	5.87	3.46	1.91	1.91	23.96	0.64	0.64	7
696	☐	356	3.50	85.20	0.72	57.75	Backwater	0 - 09:59 hrs	6.00	6.00	0.68	1.00	27.46	5.86	3.36	1.46	1.46	1.91	0.00	0.10	11
697	☐	357	3.50	68.50	0.46	46.77	Backwater	0 - 10:25 hrs	4.86	4.86	0.68	1.00	21.73	4.83	3.47	1.07	1.07	1.46	0.00	0.00	11
698	☐	358	3.00	50.05	0.56	46.77	Backwater	0 - 10:25 hrs	6.62	6.62	0.93	1.00	3.28	4.83	2.99	1.03	1.03	1.12	0.00	0.08	8
699	☐	359	3.00	30.13	0.20	50.55	ceeds Capac	0 - 09:59 hrs	7.15	7.15	1.68	1.00	-20.42	4.96	3.00	1.03	1.05	1.03	1.06	1.01	7
700	☐	360	3.00	13.51	0.04	50.55	ceeds Capac	0 - 09:59 hrs	7.15	7.15	3.74	1.00	-37.04	4.96	3.00	0.97	1.06	0.97	2.93	0.97	6
701	☐	361	3.00	18.72	0.08	50.54	ceeds Capac	0 - 09:59 hrs	7.15	7.15	2.70	1.00	-31.82	4.97	3.00	0.98	0.99	0.98	1.80	0.88	5
702	☐	362	3.00	33.26	0.25	50.55	ceeds Capac	0 - 09:59 hrs	7.15	7.15	1.52	1.00	-17.30	4.97	3.00	0.99	0.99	0.99	0.95	0.91	4
703	☐	363	3.00	48.85	0.54	38.95	Backwater	0 - 10:25 hrs	5.51	5.51	0.80	1.00	9.90	3.90	3.00	0.83	0.83	0.99	0.00	0.00	3
704	☐	364	2.25	19.82	0.41	20.97	ceeds Capac	0 - 10:19 hrs	5.27	5.27	1.06	1.00	-1.15	1.76	2.25	0.80	0.80	0.81	0.05	0.31	1
705	☐	365	3.00	59.70	0.80	47.89	Backwater	0 - 09:59 hrs	6.78	7.06	0.80	1.00	11.80	4.10	3.00	0.70	0.70	0.73	0.00	0.11	2
706	☐	366	2.25	31.61	1.04	31.93	ceeds Capac	0 - 10:08 hrs	8.03	8.38	1.01	1.00	-0.32	2.04	2.25	0.52	0.52	0.77	0.26	0.27	0
707	☐	367	2.00	35.55	2.47	41.68	ceeds Capac	0 - 10:02 hrs	13.27	13.27	1.17	1.00	-6.13	2.09	2.00	0.32	0.32	0.52	0.21	0.21	0
708	☐	368	2.00	4.64	0.12	0.00	Backwater	0 - 00:00 hrs	0.00	0.00	0.00	1.00	4.64	0.00	0.78	14.08	14.08	24.00	0.00	0.00	0
709	☐	37	3.50	46.74	0.22	24.16	Backwater	0 - 09:32 hrs	2.51	2.89	0.52	1.00	22.58	8.20	3.50	20.46	20.46	20.77	0.00	0.00	20
710	☐	370	5.00	99.99	0.42	389.65	ceeds Capac	0 - 09:59 hrs	19.84	19.84	3.90	1.00	-289.66	34.42	5.00	14.54	14.54	14.54	2.99	3.19	69
711	☐	372	3.00	91.62	1.89	99.80	ceeds Capac	0 - 09:59 hrs	14.12	14.12	1.09	1.00	-8.18	10.40	3.00	14.15	14.15	14.95	0.31	0.32	59
712	☐	373	3.00	102.13	2.34	99.77	Backwater	0 - 09:59 hrs	14.12	15.19	0.98	1.00	2.36	10.41	3.00	3.27	3.27	14.15	0.00	0.01	58
713	☐	374	3.00	94.52	2.01	9.22	Backwater	0 - 09:53 hrs	1.98	1.98	0.10	1.00	85.30	0.01	3.00	0.43	0.43	1.76	0.00	0.00	4
714	☐	375	3.00	83.84	1.58	99.76	ceeds Capac	0 - 09:59 hrs	14.11	14.32	1.19	1.00	-15.92	10.42	3.00	0.85	0.85	1.56	0.51	0.49	2
715	☐	376	3.00	76.52	1.32	99.76	ceeds Capac	0 - 09:59 hrs	14.11	14.11	1.30	1.00	-23.24	10.42	3.00	0.75	0.77	0.83	0.69	0.63	2
716	☐	377	3.00	59.36	0.79	80.90	ceeds Capac	0 - 10:15 hrs	11.45	11.45	1.36	1.00	-21.54	9.60	3.00	0.74	0.78	0.74	0.93	0.74	2
717	☐	378	2.00	70.66	9.76	38.10	Backwater	0 - 09:59 hrs	12.13	12.13	0.54	1.00	32.57	1.74	2.00	0.32	0.32	0.90	0.00	0.00	0
718	☐	379	2.00	37.37	2.73	38.11	ceeds Capac	0 - 09:59 hrs	12.13	13.35	1.02	1.00	-0.74	1.74	2.00	0.16	0.16	0.27	0.01	0.01	0
719	☐	38	6.00	182.12	0.18	148.94	Backwater	0 - 09:59 hrs	5.27	5.27	0.82	1.00	33.18	10.11	5.68	20.80	20.80	24.00	0.00	0.00	15
720	☐	380	3.00	76.52	1.32	62.38	Backwater	0 - 09:52 hrs	9.84	10.70	0.82	1.00	14.14	7.87	3.00	0.62	0.62	0.67	0.00	0.00	1
721	☐	381	3.00	49.13	0.54	63.86	ceeds Capac	0 - 09:53 hrs	9.13	9.24	1.30	1.00	-14.73	7.87	3.00	0.61	0.64	0.61	0.71	0.42	1
722	☐	382	3.00	62.05	0.87	63.32	Backwater	0 - 09:53 hrs	9.25	9.25	1.02	1.00	-1.28	7.96	3.00	0.58	0.58	0.64	0.02	0.02	0
723	☐	383	3.00	85.38	1.64	68.51	Backwater	0 - 10:00 hrs	9.69	11.36	0.80	1.00	16.86	8.05	3.00	0.51	0.51	0.58	0.00	0.00	1
724	☐	384	3.00	104.54	2.46	68.51	Backwater	0 - 10:00 hrs	9.69	15.03	0.66	1.00	36.03	8.06	3.00	0.41	0.41	0.49	0.00	0.00	1
725	☐	385	3.00	50.03	0.56	33.51	Free Surface	0 - 09:59 hrs	6.50	7.47	0.67	0.69	16.52	3.51	3.00	0.00	0.00	0.00	0.00	0.00	0
726	☐	39	3.50	48.16	0.23	79.19	ceeds Capac	0 - 09:59 hrs	8.23	8.23	1.64	1.00	-31.03	4.33	3.50	0.68	0.68	0.79	0.31	0.31	1
727	☐	390	1.25	2.03	0.13	6.08	ceeds Capac	0 - 09:36 hrs	4.99	4.99	2.99	1.00	-4.04	1.25	1.25	1.67	5.28	1.67	7.39	1.67	11
728	☐	391	2.25	17.40	0.32	24.02	ceeds Capac	0 - 10:02 hrs	6.04	6.04	1.38	1.00	-6.62	2.13	2.25	0.76	0.76	0.80	0.71	0.70	2
729	☐	392	2.50	29.40	0.51	24.01	Backwater	0 - 10:03 hrs	4.89	4.96	0.82	1.00	5.39	2.13	2.50	0.69	0.69	1.11	0.00	0.00	3
730	☐	393	2.00	11.57	0.26	12.81	ceeds Capac	0 - 09:59 hrs	4.08	4.08	1.11	1.00	-1.24	0.49	2.00	1.23	1.23	1.53	0.03	0.08	4
731	☐	394	2.25	13.41	0.19	24.00	ceeds Capac	0 - 10:00 hrs	6.04	6.04	1.79	1.00	-10.59	2.13	2.25	0.76	0.80	0.76	0.99	0.76	2
732	☐	395	2.00	14.37	0.40	24.08	ceeds Capac	0 - 10:04 hrs	7.67	7.80	1.68	1.00	-9.72	1.16	2.00	0.79	0.83	0.95	0.36	0.30	1
733	☐	396	4.00	142.14	0.98	56.86	Free Surface	0 - 10:04 hrs	10.74	10.74	0.40	0.44	85.28	2.61	3.97	0.00	0.00	0.00	0.00	0.00	0
734	☐	397	4.00	76.44	0.81	72.84	Free Surface	0 - 09:56 hrs	8.15	8.25	0.95	0.67	3.60	7.58	4.00	0.00	0.00	0.00	0.00	0.00	0
735	☐	398	4.00	210.07	2.14	132.11	Free Surface	0 - 10:04 hrs	12.45	12.45	0.63	0.79	77.96	10.42	4.00	0.00	0.00	0.49	0.00	0.00	0

FUTURE CONDITIONS 20-YR 24-HR CLIMATE CHANGE CONDUITS

		ID	Full Depth (ft)	Full Flow (cfs)	Percent Slope (%)	Maximum Flow (cfs)	Maximum Flow Class	Max.Flow Day-Time (day-time)	Velocity at Maximum Flow (ft/s)	Maximum Velocity (ft/s)	Max.Flow/Fu ll Flow	Max.Depth/F ull Depth	Reserve Capacity (cfs)	Total Flow Volume (MG)	Maximum Top Width (ft)	Both End Surcharge Time (hrs)	Upstream Surcharge Time (hrs)	Downstream Surcharge Time (hrs)	Above Full-Flow Time (hrs)	Capacity Limited Time (hrs)	Instability Index
736	☐	399	4.00	152.58	1.13	56.67	Free Surface	0 - 10:04 hrs	11.24	11.24	0.37	0.42	95.92	2.61	4.00	0.00	0.00	0.00	0.00	0.00	0
737	☐	4	3.50	17.13	0.03	147.21	ceeds Capac	0 - 00:00 hrs	15.31	15.31	8.60	1.00	-130.09	8.61	1.37	23.99	23.99	24.00	4.69	6.40	75
738	☐	40	4.50	118.51	0.36	130.26	ceeds Capac	0 - 09:52 hrs	8.19	8.57	1.10	1.00	-11.75	33.17	4.50	3.12	3.12	3.38	0.02	0.04	8
739	☐	400	2.00	25.79	1.30	31.62	Free Surface	0 - 09:59 hrs	10.16	10.16	1.23	0.97	-5.83	1.33	2.00	0.00	0.13	0.00	0.18	0.00	0
740	☐	401	2.00	31.16	1.90	32.33	Free Surface	0 - 09:59 hrs	10.66	10.68	1.04	0.93	-1.17	1.40	2.00	0.00	0.00	0.06	0.02	0.00	0
741	☐	402	2.00	37.59	2.76	32.47	Free Surface	0 - 09:59 hrs	13.47	13.47	0.86	0.72	5.12	1.41	2.00	0.00	0.00	0.00	0.00	0.00	0
742	☐	403	2.00	35.69	2.49	32.31	Free Surface	0 - 09:59 hrs	11.11	11.11	0.91	0.87	3.38	1.41	2.00	0.00	0.11	0.00	0.00	0.00	0
743	☐	404	2.25	41.01	1.75	0.67	Backwater	0 - 09:55 hrs	0.17	0.17	0.02	1.00	40.34	0.00	2.25	1.50	1.50	2.97	0.00	0.00	10
744	☐	405	2.25	24.41	0.62	38.01	ceeds Capac	0 - 09:52 hrs	9.56	9.56	1.56	1.00	-13.60	4.02	2.25	6.00	6.00	7.74	1.08	0.98	20
745	☐	406	4.00	93.22	0.42	166.08	ceeds Capac	0 - 09:56 hrs	13.22	13.22	1.78	1.00	-72.86	18.99	4.00	1.00	1.02	1.01	0.99	0.80	4
746	☐	407	4.50	109.82	0.31	165.92	ceeds Capac	0 - 09:56 hrs	10.43	10.43	1.51	1.00	-56.11	18.98	4.50	0.92	0.93	0.96	0.57	0.52	4
747	☐	408	4.50	147.35	0.56	165.94	ceeds Capac	0 - 09:56 hrs	10.43	10.43	1.13	1.00	-18.59	18.99	4.50	1.00	1.00	1.07	0.02	0.01	4
748	☐	409	5.00	77.24	0.09	166.61	ceeds Capac	0 - 09:56 hrs	8.49	8.49	2.16	1.00	-89.37	18.98	5.00	0.98	0.98	0.98	1.40	0.83	4
749	☐	41	5.00	152.20	0.34	191.19	ceeds Capac	0 - 11:18 hrs	9.89	9.98	1.26	1.00	-38.99	39.42	5.00	1.40	1.80	1.40	3.24	1.40	7
750	☐	410	5.00	176.19	0.46	167.20	Backwater	0 - 09:56 hrs	8.52	8.52	0.95	1.00	8.99	18.97	5.00	0.98	0.98	1.05	0.00	0.00	4
751	☐	411	5.50	215.45	0.41	245.99	ceeds Capac	0 - 09:56 hrs	10.35	10.85	1.14	1.00	-30.54	31.37	5.50	1.01	1.01	1.15	0.03	0.05	4
752	☐	412	5.50	310.04	0.85	246.76	Backwater	0 - 09:56 hrs	10.41	10.94	0.80	1.00	63.28	31.39	5.50	1.15	1.15	1.16	0.00	0.23	4
753	☐	413	5.50	184.15	0.30	212.70	ceeds Capac	0 - 09:59 hrs	8.95	9.07	1.16	1.00	-28.55	31.35	5.50	1.20	1.20	1.25	0.59	0.59	3
754	☐	414	2.00	31.58	5.58	17.56	Backwater	0 - 09:59 hrs	5.59	5.59	0.56	1.00	14.02	0.71	2.00	0.80	0.80	3.50	0.00	0.00	3
755	☐	415	2.00	9.34	0.49	17.59	ceeds Capac	0 - 09:59 hrs	5.60	5.63	1.88	1.00	-8.25	0.71	2.00	0.78	0.78	0.80	0.35	0.32	3
756	☐	416	4.00	115.59	0.55	131.11	ceeds Capac	0 - 09:59 hrs	10.43	10.43	1.13	1.00	-15.52	9.38	3.99	5.74	5.74	6.19	0.19	0.19	22
757	☐	417	4.00	25.10	0.03	131.11	ceeds Capac	0 - 09:59 hrs	10.43	10.43	5.22	1.00	-106.01	9.38	4.00	5.54	5.55	5.55	2.92	3.10	22
758	☐	418	4.50	136.92	0.48	164.92	ceeds Capac	0 - 09:56 hrs	10.37	10.37	1.20	1.00	-28.00	9.60	4.50	0.59	0.59	0.71	0.26	0.24	1
759	☐	419	2.00	29.93	1.75	112.34	ceeds Capac	0 - 14:22 hrs	66.82	66.82	3.75	1.00	-82.40	9.24	2.00	3.57	4.23	3.78	4.18	3.18	0
760	☐	42	4.00	50.70	0.12	94.92	ceeds Capac	0 - 12:47 hrs	7.55	7.93	1.87	1.00	-44.22	26.29	4.00	3.10	3.24	3.10	6.51	2.46	8
761	☐	420	3.00	95.63	2.06	40.32	Backwater	0 - 10:08 hrs	5.70	5.70	0.42	1.00	55.31	0.20	3.00	0.81	0.81	0.89	0.00	0.00	3
762	☐	421	3.00	132.41	3.94	60.41	Backwater	0 - 14:22 hrs	16.93	16.95	0.46	1.00	72.01	9.27	3.00	0.55	0.55	0.88	0.00	0.00	1
763	☐	422	4.50	135.52	0.47	166.40	ceeds Capac	0 - 09:56 hrs	10.46	10.46	1.23	1.00	-30.88	18.99	4.50	0.91	0.91	0.94	0.05	0.06	3
764	☐	423	4.50	147.25	0.56	160.31	ceeds Capac	0 - 09:56 hrs	10.08	10.41	1.09	1.00	-13.06	18.70	4.50	0.75	0.75	0.90	0.02	0.01	2
765	☐	424	4.50	144.21	0.54	89.97	Backwater	0 - 09:55 hrs	6.03	7.14	0.62	1.00	54.25	11.48	4.50	0.95	0.95	1.11	0.00	0.00	4
766	☐	425	2.00	10.86	0.23	35.51	ceeds Capac	0 - 09:52 hrs	11.30	11.30	3.27	1.00	-24.64	3.06	2.00	0.49	1.27	0.49	1.77	0.49	1
767	☐	426	1.75	6.48	0.22	9.26	ceeds Capac	0 - 11:03 hrs	3.85	3.85	1.43	1.00	-2.77	4.31	1.75	23.80	23.80	23.83	17.77	16.83	98
768	☐	427	1.75	4.84	0.12	7.87	ceeds Capac	0 - 10:21 hrs	3.27	3.27	1.63	1.00	-3.03	0.76	1.75	23.80	23.80	23.89	2.52	2.44	42
769	☐	428	2.00	5.22	0.05	14.26	Backwater	0 - 00:06 hrs	4.87	6.67	2.73	1.00	-9.03	2.08	1.90	23.88	23.88	23.93	0.14	0.00	69
770	☐	429	2.00	12.74	0.32	23.85	Backwater	0 - 00:03 hrs	7.66	9.58	1.87	1.00	-11.11	2.10	1.78	23.95	23.95	23.96	0.08	0.00	76
771	☐	43	3.33	62.69	0.50	62.60	Backwater	0 - 10:03 hrs	7.17	7.20	1.00	1.00	0.09	3.22	1.31	23.95	23.95	24.00	0.00	0.03	1
772	☐	430	4.50	53.26	0.07	69.49	Backwater	0 - 00:08 hrs	6.64	6.74	1.30	1.00	-16.23	6.89	4.50	23.76	23.76	23.88	0.11	0.01	60
773	☐	431	2.00	11.40	0.25	19.32	ceeds Capac	0 - 10:06 hrs	6.15	6.15	1.69	1.00	-7.92	1.18	1.99	23.72	23.72	23.77	0.45	0.45	68
774	☐	432	3.50	20.12	0.04	49.43	ceeds Capac	0 - 10:04 hrs	5.14	6.36	2.46	1.00	-29.31	11.67	3.44	23.90	23.90	23.91	5.93	6.72	72
775	☐	433	3.00	27.27	0.17	32.11	Backwater	0 - 00:06 hrs	6.36	6.53	1.18	1.00	-4.83	6.61	2.85	23.86	23.86	23.90	0.04	0.00	77
776	☐	434	3.00	50.61	0.58	27.12	Backwater	0 - 00:07 hrs	4.81	5.00	0.54	1.00	23.49	6.62	2.99	23.86	23.86	23.86	0.00	0.51	89
777	☐	436	3.00	25.35	0.14	28.46	Backwater	0 - 00:15 hrs	4.03	4.03	1.12	1.00	-3.11	3.19	2.95	23.76	23.76	23.82	0.04	0.00	66
778	☐	437	3.00	30.56	0.21	35.96	ceeds Capac	0 - 10:51 hrs	5.09	5.27	1.18	1.00	-5.40	6.29	3.00	1.51	1.51	1.52	0.86	0.77	2
779	☐	438	3.50	37.58	0.14	59.93	ceeds Capac	0 - 00:03 hrs	6.87	6.87	1.59	1.00	-22.35	11.64	3.32	23.93	23.93	23.94	1.83	1.87	88
780	☐	439	2.50	23.23	0.32	34.43	Backwater	0 - 00:02 hrs	7.10	7.14	1.48	1.00	-11.20	2.11	0.98	23.96	23.96	23.97	0.01	0.00	81
781	☐	44	1.75	9.51	0.48	11.76	ceeds Capac	0 - 10:00 hrs	4.89	4.89	1.24	1.00	-2.26	0.51	1.75	0.28	0.28	0.56	0.18	0.18	0
782	☐	440	2.50	16.98	0.17	62.55	ceeds Capac	0 - 00:01 hrs	12.80	12.80	3.68	1.00	-45.57	2.11	1.91	23.97	23.98	23.97	0.04	0.03	81
783	☐	441	2.50	31.55	0.59	72.32	Backwater	0 - 00:01 hrs	15.65	16.61	2.29	1.00	-40.78	2.13	0.98	23.98	23.98	23.99	0.02	0.00	80
784	☐	442	2.50	18.59	0.21	23.83	ceeds Capac	0 - 00:03 hrs	4.85	6.09	1.28	1.00	-5.24	2.10	2.38	23.96	23.96	23.96	0.02	0.89	81

FUTURE CONDITIONS 20-YR 24-HR CLIMATE CHANGE CONDUITS

		ID	Full Depth (ft)	Full Flow (cfs)	Percent Slope (%)	Maximum Flow (cfs)	Maximum Flow Class	Max.Flow Day-Time (day-time)	Velocity at Maximum Flow (ft/s)	Maximum Velocity (ft/s)	Max.Flow/Fu ll Flow	Max.Depth/F ull Depth	Reserve Capacity (cfs)	Total Flow Volume (MG)	Maximum Top Width (ft)	Both End Surcharge Time (hrs)	Upstream Surcharge Time (hrs)	Downstream Surcharge Time (hrs)	Above Full-Flow Time (hrs)	Capacity Limited Time (hrs)	Instability Index
785	☐	443	2.00	10.73	0.23	16.94	Backwater	0 - 00:04 hrs	5.40	7.04	1.58	1.00	-6.21	2.09	1.97	23.93	23.93	23.95	0.07	0.00	67
786	☐	444	4.00	95.28	0.44	30.77	Backwater	0 - 00:04 hrs	3.33	3.44	0.32	1.00	64.51	1.46	3.93	23.74	23.74	23.94	0.00	0.00	95
787	☐	445	4.00	100.14	0.49	55.50	Backwater	0 - 00:02 hrs	4.83	4.92	0.55	1.00	44.64	1.42	3.63	23.93	23.93	23.97	0.00	0.00	100
788	☐	446	2.00	22.65	1.00	22.59	Backwater	0 - 09:59 hrs	7.19	7.19	1.00	1.00	0.06	1.00	1.53	1.09	1.09	23.98	0.00	0.05	75
789	☐	447	2.00	22.23	0.97	28.44	ceeds Capac	0 - 00:00 hrs	9.18	9.18	1.28	1.00	-6.21	0.99	0.78	23.98	23.98	23.99	0.13	0.10	71
790	☐	448	2.00	26.24	1.35	59.75	Backwater	0 - 00:00 hrs	19.02	19.02	2.28	1.00	-33.51	0.99	0.78	23.99	23.99	23.99	0.00	0.01	84
791	☐	449	5.00	57.62	0.05	383.68	ceeds Capac	0 - 00:00 hrs	19.54	19.54	6.66	1.00	-326.07	22.53	1.96	23.99	23.99	24.00	3.73	3.54	54
792	☐	45	1.75	9.69	0.50	11.76	ceeds Capac	0 - 10:00 hrs	4.89	4.90	1.21	1.00	-2.07	0.51	1.75	0.21	0.21	0.25	0.19	0.17	0
793	☐	450	5.00	158.38	0.37	176.65	ceeds Capac	0 - 00:02 hrs	9.13	9.24	1.12	1.00	-18.26	21.54	1.96	23.96	23.96	23.99	0.25	0.20	22
794	☐	451	5.00	105.80	0.17	126.27	ceeds Capac	0 - 10:29 hrs	6.43	6.43	1.19	1.00	-20.47	17.94	4.77	23.93	23.93	23.94	1.04	0.95	87
795	☐	452	5.00	99.96	0.15	111.17	ceeds Capac	0 - 10:29 hrs	5.66	5.66	1.11	1.00	-11.21	16.16	4.97	4.89	4.89	23.45	0.92	0.76	26
796	☐	453	5.00	122.14	0.22	111.17	Backwater	0 - 10:29 hrs	5.66	5.66	0.91	1.00	10.97	16.22	4.97	2.95	2.95	4.89	0.00	0.03	15
797	☐	454	5.00	111.77	0.18	111.18	Backwater	0 - 10:29 hrs	5.66	5.66	0.99	1.00	0.59	16.06	4.98	23.77	23.77	23.87	0.00	0.12	71
798	☐	455	5.00	134.73	0.27	126.26	Backwater	0 - 10:29 hrs	6.43	6.43	0.94	1.00	8.47	18.00	5.00	23.85	23.85	23.93	0.00	0.02	77
799	☐	456	2.00	22.05	0.95	15.77	Backwater	0 - 09:48 hrs	5.02	5.02	0.72	1.00	6.28	2.00	1.87	23.85	23.85	23.93	0.00	0.00	79
800	☐	457	2.00	8.44	0.14	15.79	Backwater	0 - 09:48 hrs	5.03	5.03	1.87	1.00	-7.35	2.01	2.00	23.84	23.85	23.85	1.58	5.89	80
801	☐	458	2.00	12.96	0.33	15.79	ceeds Capac	0 - 09:48 hrs	5.03	5.03	1.22	1.00	-2.83	2.01	2.00	23.37	23.37	23.84	0.90	0.85	67
802	☐	459	2.00	16.25	0.52	15.79	Backwater	0 - 09:48 hrs	5.03	5.03	0.97	1.00	0.46	2.02	1.99	4.11	4.11	23.55	0.00	0.02	48
803	☐	46	1.50	1.02	0.01	6.59	Backwater	0 - 09:37 hrs	3.73	3.73	6.45	1.00	-5.57	1.33	1.50	3.44	3.44	3.88	19.06	0.00	14
804	☐	460	2.00	29.83	1.74	1.77	Backwater	0 - 09:44 hrs	0.66	0.72	0.06	1.00	28.06	0.00	2.00	1.01	1.01	3.43	0.00	0.00	9
805	☐	461	3.50	29.22	0.08	67.65	ceeds Capac	0 - 00:03 hrs	7.21	7.51	2.32	1.00	-38.43	11.58	1.37	23.94	23.94	24.00	3.05	2.93	83
806	☐	462	1.50	6.06	0.44	11.23	Free Surface	0 - 09:56 hrs	6.49	6.50	1.85	0.95	-5.17	0.52	1.50	0.00	0.37	0.00	0.43	0.00	0
807	☐	463	2.50	36.88	0.81	34.90	Backwater	0 - 09:59 hrs	7.11	7.11	0.95	1.00	1.98	7.80	0.98	23.80	23.80	24.00	0.00	0.00	0
808	☐	464	1.25	3.58	0.41	7.07	ceeds Capac	0 - 09:45 hrs	5.76	5.76	1.97	1.00	-3.49	0.95	1.15	3.02	3.02	23.95	1.94	1.93	5
809	☐	465	1.50	5.14	0.32	7.07	ceeds Capac	0 - 09:45 hrs	4.00	6.34	1.38	1.00	-1.93	0.95	1.36	23.95	23.95	23.97	1.17	1.27	78
810	☐	466	1.75	11.91	0.75	19.33	Backwater	0 - 00:01 hrs	9.86	10.84	1.62	1.00	-7.42	0.94	0.69	23.96	23.96	23.99	0.00	0.00	82
811	☐	467	5.00	135.22	0.27	183.05	ceeds Capac	0 - 00:00 hrs	9.39	9.39	1.35	1.00	-47.83	15.94	1.96	23.98	23.98	24.00	0.36	0.36	47
812	☐	468	5.00	158.88	0.37	173.94	ceeds Capac	0 - 10:04 hrs	8.86	8.86	1.09	1.00	-15.07	15.02	3.83	1.24	1.24	23.98	0.12	0.12	36
813	☐	469	5.00	123.46	0.22	111.01	Backwater	0 - 10:02 hrs	5.65	5.65	0.90	1.00	12.45	5.98	4.98	0.62	0.62	1.24	0.00	0.01	1
814	☐	47	1.50	5.97	0.43	6.60	ceeds Capac	0 - 09:37 hrs	3.73	3.73	1.11	1.00	-0.63	1.33	1.50	3.15	3.15	3.88	0.42	0.51	10
815	☐	470	5.00	124.54	0.23	110.89	Backwater	0 - 10:02 hrs	5.65	5.65	0.89	1.00	13.65	6.03	5.00	0.43	0.43	0.62	0.00	0.01	1
816	☐	471	5.00	115.86	0.20	110.75	Backwater	0 - 10:02 hrs	5.64	5.64	0.96	1.00	5.10	6.05	5.00	0.35	0.35	0.43	0.00	0.02	0
817	☐	472	5.00	123.91	0.23	110.57	Backwater	0 - 10:02 hrs	5.63	5.63	0.89	1.00	13.33	6.06	5.00	0.28	0.28	0.35	0.00	0.01	0
818	☐	473	5.00	130.84	0.25	110.38	Backwater	0 - 10:02 hrs	5.62	5.62	0.84	1.00	20.46	6.07	5.00	0.23	0.23	0.28	0.00	0.00	0
819	☐	474	5.00	170.10	0.43	110.29	Backwater	0 - 10:02 hrs	5.62	7.56	0.65	1.00	59.82	6.08	5.00	0.14	0.14	0.22	0.00	0.00	0
820	☐	475	4.00	173.56	1.46	59.25	Free Surface	0 - 10:02 hrs	6.29	7.10	0.34	0.70	114.31	3.51	4.00	0.00	0.00	0.24	0.00	0.00	0
821	☐	476	1.50	5.57	0.37	6.09	Free Surface	0 - 09:59 hrs	4.32	4.32	1.09	0.79	-0.52	0.20	1.50	0.00	0.00	0.00	0.03	0.00	0
822	☐	477	2.25	19.58	0.40	13.36	Free Surface	0 - 10:06 hrs	4.09	4.18	0.68	0.78	6.23	0.54	2.25	0.00	0.00	0.00	0.00	0.00	0
823	☐	478	2.25	14.15	0.21	13.34	Free Surface	0 - 10:04 hrs	4.63	4.68	0.94	0.68	0.81	0.54	2.25	0.00	0.00	0.00	0.00	0.00	0
824	☐	479	2.00	14.09	0.39	13.68	Free Surface	0 - 09:59 hrs	5.02	5.03	0.97	0.84	0.41	0.54	2.00	0.00	0.00	0.00	0.00	0.00	0
825	☐	48	1.50	6.12	0.45	6.60	ceeds Capac	0 - 09:37 hrs	3.73	3.85	1.08	1.00	-0.48	1.33	1.50	2.90	2.90	3.15	0.04	0.16	10
826	☐	480	2.50	81.05	3.90	101.32	Backwater	0 - 00:00 hrs	20.64	20.64	1.25	1.00	-20.27	0.72	0.98	23.99	23.99	24.00	0.01	0.01	0
827	☐	481	2.50	25.25	0.38	33.60	Backwater	0 - 00:01 hrs	6.85	6.85	1.33	1.00	-8.35	0.73	0.98	23.99	23.99	23.99	0.01	0.00	0
828	☐	482	2.50	17.00	0.17	18.23	Free Surface	0 - 10:04 hrs	3.83	3.83	1.07	0.93	-1.23	0.74	2.45	0.00	0.00	0.00	0.14	0.00	0
829	☐	483	2.00	10.45	0.21	3.15	Free Surface	0 - 10:06 hrs	1.81	1.82	0.30	0.56	7.29	0.11	2.00	0.00	0.00	0.00	0.00	0.00	0
830	☐	484	2.00	8.30	0.13	3.32	Free Surface	0 - 09:59 hrs	2.87	2.87	0.40	0.40	4.98	0.11	1.96	0.00	0.00	0.00	0.00	0.00	0
831	☐	485	2.00	12.80	0.32	3.33	Free Surface	0 - 09:59 hrs	3.59	3.59	0.26	0.34	9.47	0.11	1.94	0.00	0.00	0.00	0.00	0.00	0
832	☐	486	2.50	14.24	0.12	11.95	Backwater	0 - 11:11 hrs	2.43	2.43	0.84	1.00	2.29	2.37	2.48	14.24	14.24	23.67	0.00	0.00	36
833	☐	487	2.50	16.70	0.17	11.95	Backwater	0 - 11:11 hrs	2.43	2.69	0.72	1.00	4.75	2.36	2.47	23.67	23.67	23.79	0.00	0.00	46

FUTURE CONDITIONS 20-YR 24-HR CLIMATE CHANGE CONDUITS

		ID	Full Depth (ft)	Full Flow (cfs)	Percent Slope (%)	Maximum Flow (cfs)	Maximum Flow Class	Max.Flow Day-Time (day-time)	Velocity at Maximum Flow (ft/s)	Maximum Velocity (ft/s)	Max.Flow/Fu ll Flow	Max.Depth/F ull Depth	Reserve Capacity (cfs)	Total Flow Volume (MG)	Maximum Top Width (ft)	Both End Surcharge Time (hrs)	Upstream Surcharge Time (hrs)	Downstream Surcharge Time (hrs)	Above Full-Flow Time (hrs)	Capacity Limited Time (hrs)	Instability Index
834	☐	488	2.75	36.58	0.48	21.09	Backwater	0 - 00:08 hrs	4.28	4.28	0.58	1.00	15.49	6.64	2.73	14.41	14.41	23.86	0.00	0.00	63
835	☐	489	2.50	54.60	1.77	33.21	Backwater	0 - 10:06 hrs	6.77	6.77	0.61	1.00	21.39	3.06	2.50	0.49	0.49	3.64	0.00	0.00	2
836	☐	49	1.50	4.88	0.29	6.00	ceeds Capac	0 - 09:40 hrs	3.44	3.45	1.23	1.00	-1.12	1.16	1.50	1.81	1.97	1.81	1.49	1.07	2
837	☐	490	2.50	19.57	0.23	33.21	ceeds Capac	0 - 10:02 hrs	6.77	6.77	1.70	1.00	-13.64	3.06	2.50	3.84	3.84	6.57	0.87	0.87	15
838	☐	491	2.50	34.82	0.72	35.32	Backwater	0 - 09:52 hrs	7.53	8.11	1.01	1.00	-0.51	3.06	2.50	0.41	0.41	0.48	0.01	0.00	2
839	☐	492	2.75	20.10	0.14	23.28	Backwater	0 - 00:16 hrs	4.24	4.96	1.16	1.00	-3.18	2.07	2.75	23.69	23.69	23.75	0.03	0.00	44
840	☐	493	2.50	15.14	0.14	16.92	Backwater	0 - 00:18 hrs	3.45	3.50	1.12	1.00	-1.77	2.10	2.46	23.69	23.69	23.69	0.01	0.14	64
841	☐	494	2.50	29.34	0.51	19.34	Backwater	0 - 10:02 hrs	3.94	4.91	0.66	1.00	10.00	2.49	2.34	12.02	12.02	23.69	0.00	0.00	64
842	☐	495	2.50	15.51	0.14	19.38	ceeds Capac	0 - 10:02 hrs	3.95	3.95	1.25	1.00	-3.87	2.50	2.35	5.24	5.24	12.02	0.95	0.94	28
843	☐	496	2.50	16.43	0.16	19.35	ceeds Capac	0 - 10:06 hrs	3.94	3.94	1.18	1.00	-2.92	2.50	2.42	4.06	4.06	5.24	0.88	0.84	21
844	☐	497	2.00	8.96	0.16	19.31	ceeds Capac	0 - 10:15 hrs	6.15	6.15	2.16	1.00	-10.35	2.51	1.94	5.88	5.88	11.28	1.81	1.96	14
845	☐	498	2.00	10.99	0.24	19.33	ceeds Capac	0 - 10:00 hrs	6.15	6.15	1.76	1.00	-8.34	2.51	2.00	2.99	2.99	4.21	1.39	1.41	10
846	☐	499	2.00	3.76	0.03	19.44	ceeds Capac	0 - 10:14 hrs	6.19	6.19	5.17	1.00	-15.68	2.51	2.00	2.99	3.10	2.99	6.78	2.75	13
847	☐	5	3.50	25.27	0.06	99.34	ceeds Capac	0 - 00:00 hrs	11.07	11.40	3.93	1.00	-74.07	8.61	1.37	23.98	23.98	23.99	2.79	3.45	72
848	☐	50	1.25	2.68	0.23	6.23	ceeds Capac	0 - 09:38 hrs	5.07	5.07	2.33	1.00	-3.55	1.16	1.25	2.22	3.77	2.22	4.72	2.22	8
849	☐	500	2.00	18.66	0.68	23.24	ceeds Capac	0 - 10:17 hrs	7.40	7.40	1.25	1.00	-4.58	2.58	2.00	2.25	2.25	3.10	0.76	0.77	8
850	☐	501	2.00	8.89	0.15	8.77	Backwater	0 - 10:45 hrs	2.79	2.79	0.99	1.00	0.12	1.42	2.00	23.72	23.72	23.72	0.00	0.74	71
851	☐	502	2.00	5.55	0.06	9.20	ceeds Capac	0 - 00:16 hrs	3.18	3.26	1.66	1.00	-3.65	1.27	1.89	23.72	23.72	23.73	1.70	2.23	63
852	☐	503	2.00	6.16	0.07	14.04	ceeds Capac	0 - 00:15 hrs	4.79	4.79	2.28	1.00	-7.88	1.27	1.99	23.73	23.73	23.75	1.03	1.11	53
853	☐	504	3.00	26.24	0.15	26.43	Backwater	0 - 00:14 hrs	3.81	3.82	1.01	1.00	-0.19	2.34	2.99	23.75	23.75	23.82	0.00	0.01	53
854	☐	505	5.00	97.00	0.14	111.12	Backwater	0 - 00:05 hrs	8.26	8.28	1.15	1.00	-14.12	8.57	4.94	23.86	23.86	23.88	0.02	0.01	76
855	☐	506	5.00	80.21	0.09	129.17	ceeds Capac	0 - 00:04 hrs	7.05	7.26	1.61	1.00	-48.96	8.52	4.76	23.88	23.88	23.92	0.23	0.18	77
856	☐	507	5.00	115.08	0.20	145.63	Backwater	0 - 00:02 hrs	11.64	11.64	1.27	1.00	-30.55	8.43	4.21	23.92	23.92	23.96	0.05	0.00	81
857	☐	508	5.00	83.59	0.10	209.41	ceeds Capac	0 - 00:02 hrs	11.37	12.31	2.51	1.00	-125.83	8.39	4.90	23.96	23.96	23.96	0.13	0.72	88
858	☐	509	2.50	63.09	2.37	53.11	Backwater	0 - 00:00 hrs	10.87	10.87	0.84	1.00	9.98	3.30	0.98	23.99	23.99	24.00	0.00	0.00	70
859	☐	51	1.75	7.88	0.33	8.34	ceeds Capac	0 - 09:33 hrs	3.47	3.47	1.06	1.00	-0.46	2.25	1.75	3.25	3.25	3.34	1.55	1.20	13
860	☐	510	2.00	22.95	1.03	36.93	ceeds Capac	0 - 09:59 hrs	11.75	11.75	1.61	1.00	-13.97	3.30	0.78	23.99	23.99	23.99	0.86	0.85	66
861	☐	511	3.50	25.40	0.06	80.13	ceeds Capac	0 - 00:01 hrs	9.19	9.44	3.15	1.00	-54.73	8.64	2.77	23.97	23.97	23.97	2.76	3.93	84
862	☐	512	2.75	35.59	0.45	75.95	ceeds Capac	0 - 09:59 hrs	12.79	12.79	2.13	1.00	-40.36	8.65	1.08	23.96	23.96	23.97	1.64	1.64	77
863	☐	513	4.50	83.34	0.18	98.09	ceeds Capac	0 - 09:59 hrs	6.17	6.17	1.18	1.00	-14.75	12.10	4.50	1.84	1.84	2.13	0.45	0.45	7
864	☐	514	4.50	114.95	0.34	51.57	Backwater	0 - 10:18 hrs	3.24	4.24	0.45	1.00	63.39	8.97	4.50	1.28	1.28	1.73	0.00	0.00	4
865	☐	515	4.50	70.52	0.13	51.60	Backwater	0 - 10:18 hrs	3.24	3.24	0.73	1.00	18.92	8.96	4.50	1.73	1.73	1.84	0.00	0.01	5
866	☐	516	2.00	10.04	0.20	12.73	ceeds Capac	0 - 10:41 hrs	4.05	4.05	1.27	1.00	-2.69	2.68	2.00	4.23	4.23	4.52	2.02	2.27	15
867	☐	517	2.00	10.35	0.21	12.00	ceeds Capac	0 - 10:18 hrs	3.82	3.82	1.16	1.00	-1.65	2.64	1.98	4.52	4.52	15.61	1.98	1.91	30
868	☐	518	2.00	13.02	0.33	12.01	Backwater	0 - 10:18 hrs	3.82	4.00	0.92	1.00	1.01	2.64	1.88	15.61	15.61	23.88	0.00	0.57	83
869	☐	519	2.00	10.28	0.21	15.00	ceeds Capac	0 - 00:05 hrs	5.26	5.26	1.46	1.00	-4.72	2.63	1.29	23.88	23.88	23.90	2.01	1.87	58
870	☐	52	1.50	6.75	0.55	8.33	ceeds Capac	0 - 09:33 hrs	4.71	4.71	1.23	1.00	-1.58	2.26	1.50	3.68	3.73	3.68	3.02	2.67	15
871	☐	520	3.00	33.74	0.26	42.70	Backwater	0 - 00:04 hrs	6.63	6.63	1.27	1.00	-8.95	2.60	2.99	23.92	23.92	23.95	0.01	0.00	46
872	☐	521	4.00	56.80	0.16	41.83	Backwater	0 - 00:03 hrs	3.33	6.00	0.74	1.00	14.98	1.28	3.98	23.94	23.94	23.94	0.00	2.49	85
873	☐	522	4.00	54.87	0.15	87.20	Backwater	0 - 00:03 hrs	7.10	7.25	1.59	1.00	-32.33	2.51	1.94	23.94	23.94	24.00	0.05	0.01	65
874	☐	523	2.00	11.49	0.26	22.06	ceeds Capac	0 - 00:05 hrs	9.04	9.04	1.92	1.00	-10.56	2.63	1.94	23.90	23.91	23.90	1.65	0.00	65
875	☐	524	3.00	11.29	0.03	28.87	ceeds Capac	0 - 00:05 hrs	4.12	4.12	2.56	1.00	-17.58	2.62	3.00	23.92	23.92	23.92	1.70	1.43	50
876	☐	525	2.00	12.21	0.29	18.04	ceeds Capac	0 - 10:00 hrs	5.74	5.74	1.48	1.00	-5.83	1.08	2.00	0.58	0.58	0.60	0.42	0.41	2
877	☐	526	2.00	12.17	0.29	18.03	ceeds Capac	0 - 09:57 hrs	5.74	5.74	1.48	1.00	-5.86	1.09	2.00	0.59	0.60	0.66	0.41	0.39	1
878	☐	527	2.00	12.44	0.30	18.03	ceeds Capac	0 - 10:06 hrs	5.74	5.74	1.45	1.00	-5.58	1.09	2.00	0.66	0.66	0.73	0.39	0.37	2
879	☐	528	2.00	17.55	0.60	18.02	ceeds Capac	0 - 10:06 hrs	5.74	6.04	1.03	1.00	-0.47	1.08	2.00	0.73	0.73	0.85	0.25	0.21	2
880	☐	529	2.00	25.81	1.30	10.45	Backwater	0 - 09:55 hrs	3.33	3.33	0.40	1.00	15.36	0.99	2.00	2.41	2.41	5.16	0.00	0.00	8
881	☐	53	1.50	3.61	0.16	8.33	ceeds Capac	0 - 09:33 hrs	4.71	4.71	2.31	1.00	-4.72	2.26	1.50	3.73	5.77	3.73	8.70	3.73	11
882	☐	530	2.00	17.69	0.61	18.03	ceeds Capac	0 - 10:00 hrs	5.74	5.83	1.02	1.00	-0.34	1.09	2.00	0.85	0.85	1.15	0.24	0.16	3

FUTURE CONDITIONS 20-YR 24-HR CLIMATE CHANGE CONDUITS

		ID	Full Depth (ft)	Full Flow (cfs)	Percent Slope (%)	Maximum Flow (cfs)	Maximum Flow Class	Max.Flow Day-Time (day-time)	Velocity at Maximum Flow (ft/s)	Maximum Velocity (ft/s)	Max.Flow/Fu ll Flow	Max.Depth/F ull Depth	Reserve Capacity (cfs)	Total Flow Volume (MG)	Maximum Top Width (ft)	Both End Surcharge Time (hrs)	Upstream Surcharge Time (hrs)	Downstream Surcharge Time (hrs)	Above Full-Flow Time (hrs)	Capacity Limited Time (hrs)	Instability Index
883	☐	531	2.00	19.03	0.71	18.03	Backwater	0 - 09:57 hrs	5.74	5.74	0.95	1.00	1.00	1.08	2.00	1.14	1.14	2.41	0.00	0.00	4
884	☐	532	3.50	40.15	0.16	60.18	ceeds Capac	0 - 09:56 hrs	6.25	6.40	1.50	1.00	-20.02	3.18	3.50	0.24	0.26	0.24	0.39	0.24	0
885	☐	533	2.00	24.99	1.22	33.62	ceeds Capac	0 - 09:55 hrs	10.70	10.70	1.35	1.00	-8.63	1.93	2.00	0.32	0.33	0.33	0.40	0.32	0
886	☐	534	2.00	12.33	0.30	9.77	Backwater	0 - 09:52 hrs	4.60	4.63	0.79	1.00	2.56	0.44	2.00	0.30	0.30	0.31	0.00	0.00	0
887	☐	535	3.25	21.11	0.07	58.82	ceeds Capac	0 - 09:56 hrs	7.09	7.09	2.79	1.00	-37.70	3.14	3.25	0.29	0.29	0.29	0.81	0.23	0
888	☐	536	2.00	23.91	1.12	33.62	ceeds Capac	0 - 09:55 hrs	10.70	10.70	1.41	1.00	-9.70	1.93	2.00	0.32	0.35	0.32	0.41	0.32	0
889	☐	537	2.00	23.37	1.07	33.62	ceeds Capac	0 - 09:55 hrs	10.70	10.70	1.44	1.00	-10.25	1.93	2.00	0.35	0.39	0.35	0.42	0.35	0
890	☐	538	2.00	11.87	0.28	10.31	Backwater	0 - 09:59 hrs	3.28	3.78	0.87	1.00	1.56	0.43	2.00	0.32	0.32	0.34	0.00	0.00	0
891	☐	539	3.50	66.50	0.44	78.30	ceeds Capac	0 - 09:59 hrs	8.14	8.14	1.18	1.00	-11.80	3.87	3.50	0.24	0.24	0.25	0.21	0.17	0
892	☐	54	1.50	4.62	0.26	4.48	Backwater	0 - 09:03 hrs	2.53	2.53	0.97	1.00	0.15	1.26	1.50	4.67	4.67	5.77	0.00	0.04	15
893	☐	540	3.50	58.55	0.34	78.30	ceeds Capac	0 - 09:59 hrs	8.14	8.14	1.34	1.00	-19.75	3.87	3.50	0.25	0.25	0.25	0.28	0.23	0
894	☐	541	2.75	18.57	0.12	16.71	Backwater	0 - 10:59 hrs	2.81	2.94	0.90	1.00	1.86	2.60	2.75	4.07	4.07	4.40	0.00	0.11	18
895	☐	542	2.75	19.78	0.14	11.69	Backwater	0 - 10:51 hrs	1.97	1.97	0.59	1.00	8.09	2.12	2.75	14.16	14.16	14.78	0.00	0.00	53
896	☐	543	5.50	184.06	0.30	212.69	ceeds Capac	0 - 09:59 hrs	8.95	8.95	1.16	1.00	-28.64	31.32	5.50	1.25	1.25	1.30	0.57	0.58	3
897	☐	544	6.00	193.56	0.21	238.34	ceeds Capac	0 - 10:08 hrs	8.43	8.43	1.23	1.00	-44.78	32.96	6.00	1.24	1.24	1.25	0.65	0.69	5
898	☐	545	6.00	251.84	0.35	277.93	ceeds Capac	0 - 10:03 hrs	9.83	9.83	1.10	1.00	-26.10	35.29	6.00	1.25	1.25	1.35	0.33	0.33	4
899	☐	546	6.00	189.54	0.20	216.44	ceeds Capac	0 - 09:55 hrs	7.67	7.67	1.14	1.00	-26.91	34.59	6.00	1.35	1.35	1.35	0.59	0.51	6
900	☐	547	6.00	189.39	0.20	249.76	ceeds Capac	0 - 09:55 hrs	8.94	8.94	1.32	1.00	-60.38	38.59	6.00	1.33	1.35	1.33	1.53	1.30	5
901	☐	548	6.00	229.37	0.29	243.27	ceeds Capac	0 - 09:56 hrs	8.60	9.26	1.06	1.00	-13.90	38.56	6.00	1.33	1.33	1.41	0.01	0.02	5
902	☐	549	4.00	67.40	0.22	91.93	ceeds Capac	0 - 09:55 hrs	7.32	7.32	1.36	1.00	-24.53	7.63	4.00	4.86	4.86	5.55	0.57	0.55	21
903	☐	55	1.50	2.03	0.05	4.50	ceeds Capac	0 - 09:04 hrs	2.54	2.54	2.22	1.00	-2.47	1.26	1.50	4.67	4.71	4.67	8.80	3.22	21
904	☐	550	4.00	67.52	0.22	91.89	ceeds Capac	0 - 09:55 hrs	7.31	7.31	1.36	1.00	-24.37	7.63	4.00	4.60	4.60	4.73	0.56	0.70	22
905	☐	551	3.50	47.42	0.22	91.87	ceeds Capac	0 - 09:55 hrs	9.55	9.55	1.94	1.00	-44.45	7.64	3.50	4.31	4.31	4.95	0.95	0.93	15
906	☐	552	3.50	46.38	0.21	91.88	ceeds Capac	0 - 09:55 hrs	9.55	9.55	1.98	1.00	-45.49	7.63	3.50	4.25	4.25	4.31	0.98	1.45	18
907	☐	553	3.50	44.60	0.20	91.87	ceeds Capac	0 - 09:55 hrs	9.55	9.55	2.06	1.00	-47.27	7.63	3.50	4.02	4.02	4.25	1.03	1.01	17
908	☐	554	2.25	24.27	0.61	37.97	ceeds Capac	0 - 09:52 hrs	9.55	9.55	1.56	1.00	-13.70	4.02	2.25	2.68	2.68	6.00	1.09	1.11	15
909	☐	555	2.00	20.21	0.80	15.15	Backwater	0 - 09:48 hrs	4.82	4.82	0.75	1.00	5.06	1.50	2.00	1.44	1.44	1.97	0.00	0.00	4
910	☐	556	2.25	23.68	0.58	37.94	ceeds Capac	0 - 09:52 hrs	9.54	9.54	1.60	1.00	-14.26	4.02	2.25	2.28	2.28	2.68	1.21	1.12	11
911	☐	557	2.25	21.80	0.50	37.97	ceeds Capac	0 - 09:52 hrs	9.55	9.55	1.74	1.00	-16.17	4.02	2.25	1.83	1.83	2.28	1.31	1.31	8
912	☐	558	3.50	44.93	0.20	66.18	ceeds Capac	0 - 09:52 hrs	6.88	6.88	1.47	1.00	-21.25	5.82	3.50	3.80	3.80	4.02	0.77	0.74	15
913	☐	559	2.50	22.73	0.31	38.86	ceeds Capac	0 - 09:52 hrs	7.92	7.92	1.71	1.00	-16.13	3.71	2.50	4.25	4.25	4.45	0.98	1.07	18
914	☐	56	1.50	4.33	0.23	4.49	ceeds Capac	0 - 09:03 hrs	2.54	2.54	1.04	1.00	-0.16	1.26	1.50	4.57	4.57	4.71	0.16	0.83	22
915	☐	560	2.50	22.37	0.30	38.92	ceeds Capac	0 - 09:52 hrs	7.93	7.93	1.74	1.00	-16.56	3.71	2.50	4.13	4.13	4.25	1.01	1.17	18
916	☐	561	2.50	22.63	0.30	38.99	ceeds Capac	0 - 09:52 hrs	7.94	7.94	1.72	1.00	-16.37	3.71	2.50	3.99	3.99	4.13	0.99	1.12	17
917	☐	562	2.50	43.63	1.13	39.06	Backwater	0 - 09:52 hrs	7.96	7.96	0.90	1.00	4.57	3.74	2.50	3.51	3.51	3.99	0.00	0.01	15
918	☐	563	2.50	24.86	0.37	39.18	ceeds Capac	0 - 09:52 hrs	7.98	7.98	1.58	1.00	-14.32	3.73	2.50	1.96	1.96	2.06	0.95	0.92	9
919	☐	564	2.50	25.36	0.38	21.48	Backwater	0 - 09:52 hrs	4.38	4.81	0.85	1.00	3.88	2.19	2.50	1.40	1.40	1.96	0.00	0.00	4
920	☐	565	2.50	20.15	0.24	24.63	ceeds Capac	0 - 09:51 hrs	5.17	5.30	1.22	1.00	-4.48	2.33	2.50	1.31	1.31	1.40	0.05	0.11	5
921	☐	566	3.50	19.25	0.10	48.03	ceeds Capac	0 - 09:57 hrs	5.02	5.12	2.49	1.00	-28.78	7.89	3.50	0.50	2.67	0.50	4.87	0.50	8
922	☐	569	4.50	360.06	3.35	157.17	Backwater	0 - 09:57 hrs	9.88	12.31	0.44	1.00	202.89	38.94	4.50	1.17	1.17	3.22	0.00	0.00	12
923	☐	57	1.50	2.78	0.09	4.49	Backwater	0 - 09:04 hrs	2.54	2.54	1.62	1.00	-1.72	1.26	1.50	4.57	4.57	4.66	5.82	0.51	21
924	☐	571	4.50	92.80	0.22	161.16	ceeds Capac	0 - 09:52 hrs	10.13	10.13	1.74	1.00	-68.35	19.07	4.50	3.12	3.12	3.22	2.99	2.97	11
925	☐	572	4.50	150.56	0.59	161.21	ceeds Capac	0 - 09:52 hrs	10.14	10.14	1.07	1.00	-10.65	19.10	4.50	2.54	2.54	3.25	0.15	0.33	12
926	☐	573	4.50	191.84	0.95	161.25	Backwater	0 - 09:52 hrs	10.14	10.22	0.84	1.00	30.59	19.10	4.50	1.52	1.52	2.54	0.00	0.00	6
927	☐	574	4.50	35.32	0.03	161.14	Backwater	0 - 09:52 hrs	10.13	10.13	4.56	1.00	-125.82	19.09	4.50	3.12	3.12	3.25	5.20	0.00	14
928	☐	575	2.00	12.39	0.30	15.96	ceeds Capac	0 - 09:48 hrs	5.08	5.08	1.29	1.00	-3.57	1.78	2.00	0.95	0.96	0.99	0.41	0.35	1
929	☐	576	2.50	19.72	0.23	15.88	Backwater	0 - 09:48 hrs	3.23	3.23	0.81	1.00	3.84	1.78	2.50	0.88	0.88	0.94	0.00	0.01	2
930	☐	577	2.50	19.25	0.22	27.94	ceeds Capac	0 - 09:49 hrs	5.69	5.69	1.45	1.00	-8.69	3.07	2.50	0.90	0.94	0.90	1.08	0.85	2
931	☐	578	2.50	18.73	0.21	27.95	ceeds Capac	0 - 09:49 hrs	5.72	6.01	1.49	1.00	-9.22	3.07	2.50	0.79	0.90	0.79	1.13	0.76	2

FUTURE CONDITIONS 20-YR 24-HR CLIMATE CHANGE CONDUITS

		ID	Full Depth (ft)	Full Flow (cfs)	Percent Slope (%)	Maximum Flow (cfs)	Maximum Flow Class	Max.Flow Day-Time (day-time)	Velocity at Maximum Flow (ft/s)	Maximum Velocity (ft/s)	Max.Flow/Fu ll Flow	Max.Depth/F ull Depth	Reserve Capacity (cfs)	Total Flow Volume (MG)	Maximum Top Width (ft)	Both End Surcharge Time (hrs)	Upstream Surcharge Time (hrs)	Downstream Surcharge Time (hrs)	Above Full-Flow Time (hrs)	Capacity Limited Time (hrs)	Instability Index
932	☐	579	2.00	10.15	0.20	16.32	ceeds Capac	0 - 10:21 hrs	5.19	5.19	1.61	1.00	-6.16	2.20	2.00	1.50	1.51	1.50	1.58	1.49	2
933	☐	58	1.50	4.98	0.30	4.49	Backwater	0 - 09:03 hrs	2.54	2.54	0.90	1.00	0.49	1.27	1.50	4.38	4.38	4.66	0.00	0.20	21
934	☐	580	2.00	10.28	0.21	14.25	ceeds Capac	0 - 10:32 hrs	4.54	4.54	1.39	1.00	-3.97	2.14	2.00	1.49	1.50	1.49	1.60	1.48	1
935	☐	581	2.00	10.12	0.20	14.21	ceeds Capac	0 - 09:44 hrs	4.52	4.52	1.40	1.00	-4.09	2.05	2.00	1.48	1.49	1.48	1.64	1.38	6
936	☐	582	2.25	13.85	0.20	12.76	Backwater	0 - 10:59 hrs	3.21	3.42	0.92	1.00	1.09	2.04	2.25	1.44	1.44	1.49	0.00	0.16	6
937	☐	583	2.25	13.85	0.20	12.76	Backwater	0 - 10:59 hrs	3.21	3.21	0.92	1.00	1.09	2.04	2.25	1.49	1.49	1.62	0.00	0.03	6
938	☐	584	2.00	7.92	0.35	42.05	ceeds Capac	0 - 00:00 hrs	14.06	14.06	5.31	1.00	-34.13	3.40	0.78	23.99	23.99	24.00	4.33	4.22	71
939	☐	585	2.50	12.17	0.09	12.08	Backwater	0 - 09:38 hrs	2.46	2.46	0.99	1.00	0.09	1.92	2.50	19.55	19.55	19.69	0.00	2.46	90
940	☐	586	2.00	10.68	0.19	11.94	ceeds Capac	0 - 09:59 hrs	3.80	3.80	1.12	1.00	-1.26	0.45	2.00	14.30	14.30	14.39	0.04	0.74	59
941	☐	587	4.00	189.57	1.74	54.03	Free Surface	0 - 09:59 hrs	5.91	5.91	0.29	0.68	135.53	4.58	4.00	0.00	0.00	1.25	0.00	0.00	0
942	☐	588	4.00	82.69	0.95	194.31	ceeds Capac	0 - 09:59 hrs	15.46	15.46	2.35	1.00	-111.63	14.27	1.92	1.24	1.24	24.00	1.08	1.24	0
943	☐	589	3.00	67.80	1.03	73.58	Free Surface	0 - 09:59 hrs	10.81	10.93	1.09	0.92	-5.78	5.16	3.00	0.00	0.00	0.00	0.18	0.00	0
944	☐	59	1.50	4.20	0.21	4.48	ceeds Capac	0 - 09:03 hrs	2.54	2.68	1.07	1.00	-0.28	1.27	1.50	4.21	4.21	4.38	0.39	0.84	17
945	☐	590	3.00	31.49	0.22	58.45	ceeds Capac	0 - 00:00 hrs	8.31	8.33	1.86	1.00	-26.96	1.73	1.18	23.99	23.99	24.00	0.01	0.01	0
946	☐	591	2.00	11.88	0.28	13.74	Backwater	0 - 00:01 hrs	4.62	5.56	1.16	1.00	-1.86	0.33	1.35	23.96	23.96	23.99	0.01	0.00	68
947	☐	592	2.00	13.01	0.33	8.42	Backwater	0 - 10:00 hrs	2.68	2.68	0.65	1.00	4.59	0.34	1.97	0.06	0.06	23.96	0.00	0.00	60
948	☐	593	2.00	12.11	0.29	8.82	Free Surface	0 - 09:57 hrs	3.21	3.21	0.73	0.85	3.29	0.34	2.00	0.00	0.00	0.06	0.00	0.00	0
949	☐	594	2.00	19.26	0.72	31.87	Backwater	0 - 00:00 hrs	10.53	10.53	1.66	1.00	-12.62	0.33	0.78	23.99	23.99	24.00	0.00	0.00	78
950	☐	595	4.00	76.30	0.28	112.05	Free Surface	0 - 10:00 hrs	9.67	9.67	1.47	0.88	-35.75	18.48	3.81	0.00	0.00	0.00	2.36	0.00	0
951	☐	596	4.00	150.18	1.09	112.07	Free Surface	0 - 10:00 hrs	10.52	10.52	0.75	0.79	38.11	18.50	4.00	0.00	0.00	0.00	0.00	0.00	0
952	☐	597	4.00	110.37	0.59	112.15	Free Surface	0 - 10:00 hrs	10.63	10.67	1.02	0.78	-1.78	18.50	4.00	0.00	0.00	0.00	0.21	0.00	0
953	☐	598	4.00	118.18	0.68	112.55	Free Surface	0 - 09:59 hrs	9.89	10.29	0.95	0.85	5.63	18.51	4.00	0.00	0.00	0.00	0.00	0.00	0
954	☐	599	4.00	95.10	0.44	112.80	Free Surface	0 - 09:59 hrs	9.56	9.69	1.19	0.89	-17.70	18.51	4.00	0.00	0.02	0.00	1.24	0.00	0
955	☐	6	3.50	25.87	0.07	123.58	ceeds Capac	0 - 00:00 hrs	12.89	12.89	4.78	1.00	-97.71	8.61	1.37	23.98	23.98	23.98	2.63	7.21	83
956	☐	60	1.50	2.98	0.11	4.48	ceeds Capac	0 - 09:03 hrs	2.53	2.53	1.50	1.00	-1.50	1.27	1.50	4.21	4.25	4.21	5.35	3.55	17
957	☐	600	4.00	107.62	0.56	112.84	ceeds Capac	0 - 09:59 hrs	8.98	9.35	1.05	1.00	-5.22	18.52	4.00	0.02	0.03	0.02	0.33	0.02	0
958	☐	601	4.00	77.23	0.29	106.84	ceeds Capac	0 - 09:52 hrs	9.38	9.41	1.38	1.00	-29.61	18.23	4.00	0.03	1.29	0.03	2.21	0.03	1
959	☐	602	4.00	64.05	0.20	107.62	ceeds Capac	0 - 09:52 hrs	8.57	8.61	1.68	1.00	-43.57	18.04	4.00	1.29	1.73	1.29	3.20	1.29	6
960	☐	603	4.00	63.30	0.19	107.60	ceeds Capac	0 - 09:52 hrs	8.56	8.56	1.70	1.00	-44.29	18.05	4.00	1.73	2.04	1.73	3.27	1.73	6
961	☐	604	4.00	74.60	0.27	107.60	ceeds Capac	0 - 09:52 hrs	8.56	8.56	1.44	1.00	-32.99	18.06	4.00	2.04	2.15	2.04	2.37	2.04	7
962	☐	605	4.00	67.09	0.22	107.62	ceeds Capac	0 - 09:52 hrs	8.56	8.56	1.60	1.00	-40.53	18.07	4.00	2.15	2.20	2.15	2.96	2.15	7
963	☐	607	4.00	31.76	0.14	30.37	Backwater	0 - 00:04 hrs	3.01	3.39	0.96	1.00	1.39	2.66	3.49	0.01	0.01	24.00	0.00	0.00	0
964	☐	608	6.00	207.61	0.24	27.31	Backwater	0 - 11:41 hrs	0.97	1.32	0.13	1.00	180.31	4.07	6.00	20.35	20.35	20.97	0.00	0.00	92
965	☐	609	2.00	15.12	0.45	28.00	ceeds Capac	0 - 10:00 hrs	8.91	8.91	1.85	1.00	-12.89	1.20	2.00	0.25	0.31	0.25	0.36	0.25	0
966	☐	61	1.50	3.05	0.11	4.48	ceeds Capac	0 - 09:03 hrs	2.53	2.53	1.47	1.00	-1.42	1.27	1.50	4.25	4.28	4.25	5.06	3.30	17
967	☐	610	2.00	16.74	0.55	27.99	Free Surface	0 - 10:03 hrs	9.05	9.05	1.67	0.96	-11.25	1.20	2.00	0.00	0.29	0.00	0.34	0.00	0
968	☐	611	3.50	138.50	1.90	135.23	Free Surface	0 - 09:59 hrs	16.39	16.40	0.98	0.80	3.27	15.58	3.50	0.00	0.00	0.00	0.00	0.00	0
969	☐	612	3.50	49.38	0.24	107.38	Free Surface	0 - 09:59 hrs	11.39	11.39	2.17	0.95	-58.01	14.38	3.50	0.00	1.60	0.00	2.50	0.00	2
970	☐	613	2.50	99.90	5.93	93.10	Backwater	0 - 09:59 hrs	18.97	19.97	0.93	1.00	6.80	6.20	2.50	0.16	0.16	0.30	0.00	0.00	0
971	☐	614	4.00	124.53	0.75	159.02	Free Surface	0 - 09:59 hrs	12.85	12.85	1.28	0.96	-34.49	16.42	4.00	0.00	0.19	0.00	0.32	0.00	0
972	☐	615	4.00	114.10	0.63	159.02	ceeds Capac	0 - 09:59 hrs	12.65	12.65	1.39	1.00	-44.92	16.42	4.00	0.19	0.24	0.19	0.44	0.19	0
973	☐	616	4.00	106.76	0.55	159.02	ceeds Capac	0 - 09:59 hrs	12.65	12.65	1.49	1.00	-52.26	16.42	4.00	0.24	0.35	0.24	0.60	0.24	0
974	☐	617	4.00	285.00	3.94	158.98	Free Surface	0 - 09:59 hrs	15.37	21.95	0.56	0.77	126.02	16.43	4.00	0.00	0.00	0.13	0.00	0.00	0
975	☐	618	3.50	200.07	3.95	154.22	Free Surface	0 - 09:59 hrs	22.92	22.92	0.77	0.66	45.86	16.24	3.50	0.00	0.00	0.00	0.00	0.00	0
976	☐	619	3.50	138.51	1.90	134.29	Free Surface	0 - 09:59 hrs	16.41	16.42	0.97	0.79	4.22	15.58	3.50	0.00	0.00	0.00	0.00	0.00	0
977	☐	62	1.50	4.97	0.30	4.47	Backwater	0 - 09:03 hrs	2.53	2.59	0.90	1.00	0.50	1.27	1.50	4.14	4.14	4.28	0.00	0.02	16
978	☐	620	2.25	28.98	0.88	6.73	Free Surface	0 - 09:59 hrs	5.93	5.93	0.23	0.33	22.25	0.21	2.25	0.00	0.00	0.00	0.00	0.00	0
979	☐	621	1.50	12.21	1.80	7.07	Free Surface	0 - 09:59 hrs	7.16	7.16	0.58	0.55	5.14	0.22	1.50	0.00	0.00	0.00	0.00	0.00	0
980	☐	622	2.25	42.28	1.86	6.81	Free Surface	0 - 09:59 hrs	6.95	6.95	0.16	0.29	35.47	0.21	2.09	0.00	0.00	0.00	0.00	0.00	0

FUTURE CONDITIONS 20-YR 24-HR CLIMATE CHANGE CONDUITS

		ID	Full Depth (ft)	Full Flow (cfs)	Percent Slope (%)	Maximum Flow (cfs)	Maximum Flow Class	Max.Flow Day-Time (day-time)	Velocity at Maximum Flow (ft/s)	Maximum Velocity (ft/s)	Max.Flow/Fu ll Flow	Max.Depth/F ull Depth	Reserve Capacity (cfs)	Total Flow Volume (MG)	Maximum Top Width (ft)	Both End Surcharge Time (hrs)	Upstream Surcharge Time (hrs)	Downstream Surcharge Time (hrs)	Above Full-Flow Time (hrs)	Capacity Limited Time (hrs)	Instability Index
981	☐	623	4.00	89.45	0.39	102.59	Backwater	0 - 00:00 hrs	8.18	8.18	1.15	1.00	-13.15	12.36	1.57	23.99	23.99	24.00	0.00	0.00	0
982	☐	624	3.00	137.89	4.27	136.92	Backwater	0 - 09:59 hrs	19.37	19.73	0.99	1.00	0.97	13.26	1.46	0.24	0.24	23.81	0.00	0.00	0
983	☐	625	3.00	141.25	4.48	143.00	Backwater	0 - 09:57 hrs	22.44	22.54	1.01	1.00	-1.76	13.26	3.00	0.18	0.18	0.24	0.01	0.00	0
984	☐	626	3.50	100.61	1.00	120.34	ceeds Capac	0 - 09:59 hrs	12.55	12.60	1.20	1.00	-19.73	12.41	3.50	0.14	0.49	0.14	0.58	0.14	0
985	☐	627	3.00	102.39	2.36	120.34	ceeds Capac	0 - 09:59 hrs	17.02	17.02	1.18	1.00	-17.94	12.41	3.00	0.54	0.55	0.56	0.57	0.54	1
986	☐	628	3.00	101.29	2.31	109.46	ceeds Capac	0 - 10:11 hrs	15.49	15.79	1.08	1.00	-8.17	11.83	3.00	0.54	0.54	0.55	0.47	0.44	1
987	☐	629	4.00	124.63	0.75	101.35	Backwater	0 - 09:56 hrs	9.05	10.92	0.81	1.00	23.28	11.19	4.00	0.48	0.48	0.51	0.00	0.00	2
988	☐	63	1.50	8.99	0.97	4.49	Backwater	0 - 09:04 hrs	2.54	4.60	0.50	1.00	4.50	1.27	1.50	3.81	3.81	4.04	0.00	0.00	16
989	☐	630	4.00	83.76	0.34	95.24	ceeds Capac	0 - 10:00 hrs	7.58	8.29	1.14	1.00	-11.48	9.89	4.00	0.40	0.40	0.43	0.17	0.17	0
990	☐	631	4.00	83.86	0.34	95.22	ceeds Capac	0 - 10:00 hrs	7.58	7.91	1.14	1.00	-11.36	9.88	4.00	0.38	0.38	0.40	0.18	0.17	0
991	☐	632	4.00	83.90	0.34	78.88	Backwater	0 - 09:56 hrs	6.61	6.83	0.94	1.00	5.02	9.13	4.00	0.35	0.35	0.38	0.00	0.02	0
992	☐	633	4.00	74.64	0.27	81.92	ceeds Capac	0 - 09:56 hrs	7.10	7.13	1.10	1.00	-7.27	9.13	4.00	0.33	0.33	0.35	0.13	0.12	0
993	☐	634	1.50	12.77	1.97	17.54	ceeds Capac	0 - 09:52 hrs	9.92	9.92	1.37	1.00	-4.77	1.17	1.50	0.63	0.63	0.68	0.47	0.47	2
994	☐	636	1.50	7.40	0.66	17.54	ceeds Capac	0 - 09:52 hrs	9.92	9.92	2.37	1.00	-10.13	1.17	1.50	0.35	0.85	0.35	0.98	0.35	1
995	☐	637	3.00	55.20	0.68	38.74	Free Surface	0 - 09:56 hrs	8.45	8.45	0.70	0.62	16.45	2.18	3.00	0.00	0.00	0.00	0.00	0.00	2
996	☐	638	2.25	22.09	0.51	36.79	ceeds Capac	0 - 09:52 hrs	9.40	9.40	1.66	1.00	-14.69	3.58	2.25	0.61	0.94	0.61	0.90	0.37	1
997	☐	639	2.25	18.97	0.38	36.74	ceeds Capac	0 - 09:52 hrs	9.24	9.24	1.94	1.00	-17.77	3.63	2.25	0.64	1.24	0.64	1.38	0.64	1
998	☐	64	2.50	56.73	1.91	17.79	Free Surface	0 - 10:00 hrs	10.22	10.22	0.31	0.38	38.94	3.52	2.50	0.00	0.00	0.00	0.00	0.00	2
999	☐	640	2.00	28.60	1.60	34.26	ceeds Capac	0 - 10:27 hrs	10.91	10.91	1.20	1.00	-5.66	3.45	2.00	1.05	1.05	1.29	0.45	0.46	1
1000	☐	641	2.00	35.66	2.48	41.65	ceeds Capac	0 - 09:56 hrs	13.26	13.26	1.17	1.00	-5.99	3.70	2.00	0.89	0.89	1.02	0.57	0.57	1
1001	☐	642	2.00	26.89	1.41	24.22	Backwater	0 - 09:51 hrs	7.71	9.18	0.90	1.00	2.67	2.44	2.00	0.74	0.74	0.85	0.00	0.00	2
1002	☐	643	2.00	19.70	0.76	23.38	ceeds Capac	0 - 10:00 hrs	7.44	7.44	1.19	1.00	-3.68	2.32	2.00	0.68	0.71	0.68	0.73	0.68	1
1003	☐	644	2.00	14.95	0.44	23.81	ceeds Capac	0 - 09:51 hrs	7.61	7.65	1.59	1.00	-8.86	1.89	2.00	0.65	0.72	0.65	0.58	0.35	0
1004	☐	645	2.00	10.88	0.23	17.72	ceeds Capac	0 - 09:51 hrs	5.64	5.64	1.63	1.00	-6.84	1.49	2.00	0.67	0.72	0.67	0.91	0.67	0
1005	☐	646	2.50	54.96	1.80	67.74	ceeds Capac	0 - 09:57 hrs	13.80	13.80	1.23	1.00	-12.78	6.21	2.50	0.39	0.60	0.39	0.69	0.39	1
1006	☐	647	2.50	58.23	2.02	67.74	ceeds Capac	0 - 09:57 hrs	13.80	13.80	1.16	1.00	-9.51	6.21	2.50	0.58	0.58	0.60	0.60	0.56	1
1007	☐	648	2.50	54.56	1.77	67.75	ceeds Capac	0 - 09:57 hrs	13.80	13.80	1.24	1.00	-13.19	6.21	2.50	0.51	0.62	0.51	0.69	0.51	1
1008	☐	649	1.50	13.20	2.10	9.89	Backwater	0 - 10:00 hrs	5.60	5.80	0.75	1.00	3.31	0.45	1.50	0.18	0.18	0.61	0.00	0.00	0
1009	☐	65	1.33	3.96	0.35	5.89	Free Surface	0 - 09:53 hrs	4.60	4.60	1.49	0.86	-1.93	0.68	1.33	0.00	0.90	0.00	1.03	0.00	2
1010	☐	650	1.50	9.46	1.08	10.24	ceeds Capac	0 - 10:00 hrs	5.82	6.18	1.08	1.00	-0.78	0.45	1.50	0.12	0.13	0.14	0.13	0.08	0
1011	☐	651	1.50	4.87	0.29	11.39	ceeds Capac	0 - 09:59 hrs	6.56	6.56	2.34	1.00	-6.52	0.46	1.50	0.09	0.36	0.09	0.39	0.09	0
1012	☐	652	1.50	4.94	0.29	5.22	ceeds Capac	0 - 09:59 hrs	2.95	2.95	1.06	1.00	-0.28	0.18	1.50	0.21	0.21	0.29	0.03	0.04	0
1013	☐	653	6.50	254.90	0.24	335.28	ceeds Capac	0 - 09:57 hrs	10.10	10.10	1.32	1.00	-80.38	58.74	6.50	0.83	1.13	0.83	1.82	0.83	2
1014	☐	654	6.50	273.98	0.27	454.37	ceeds Capac	0 - 09:57 hrs	13.81	13.82	1.66	1.00	-180.39	69.39	6.50	0.39	0.83	0.39	2.10	0.39	1
1015	☐	655	7.00	264.17	0.17	488.44	ceeds Capac	0 - 00:01 hrs	12.73	13.08	1.85	1.00	-224.27	71.66	3.79	6.98	6.98	24.00	2.62	2.61	0
1016	☐	656	6.00	180.61	0.18	418.41	ceeds Capac	0 - 10:03 hrs	14.80	14.80	2.32	1.00	-237.80	38.69	2.35	4.73	4.73	24.00	1.53	1.52	1
1017	☐	657	6.00	272.89	0.42	372.36	ceeds Capac	0 - 10:04 hrs	13.17	13.17	1.36	1.00	-99.47	36.53	4.62	1.12	1.12	4.73	0.56	0.55	2
1018	☐	658	6.00	202.82	0.23	320.70	ceeds Capac	0 - 10:07 hrs	11.34	11.34	1.58	1.00	-117.88	33.85	5.99	1.11	1.11	1.12	1.10	1.07	3
1019	☐	659	1.00	7.51	5.91	8.58	ceeds Capac	0 - 00:00 hrs	11.44	11.92	1.14	1.00	-1.07	4.80	0.39	23.99	23.99	23.99	12.59	12.59	23
1020	☐	66	1.33	3.07	0.21	5.90	ceeds Capac	0 - 10:00 hrs	4.22	4.22	1.92	1.00	-2.83	0.68	1.33	0.90	1.02	0.90	1.38	0.90	3
1021	☐	660	1.75	39.78	8.39	38.31	Backwater	0 - 10:36 hrs	15.93	17.66	0.96	1.00	1.47	2.28	1.64	0.95	0.95	1.24	0.00	0.00	2
1022	☐	661	6.50	299.04	0.33	303.65	ceeds Capac	0 - 10:06 hrs	9.15	9.15	1.02	1.00	-4.61	26.83	6.50	0.83	0.83	1.03	0.10	0.11	4
1023	☐	662	6.50	229.60	0.19	303.71	ceeds Capac	0 - 10:06 hrs	9.15	9.15	1.32	1.00	-74.11	26.86	6.50	0.79	0.79	0.83	0.42	0.42	3
1024	☐	663	4.00	318.76	4.92	120.58	Free Surface	0 - 09:59 hrs	12.58	12.58	0.38	0.71	198.18	10.69	4.00	0.00	0.00	4.18	0.00	0.00	0
1025	☐	664	2.00	16.58	0.54	26.80	ceeds Capac	0 - 09:53 hrs	8.53	8.53	1.62	1.00	-10.22	2.18	2.00	0.66	0.69	0.66	0.76	0.66	1
1026	☐	665	2.00	17.26	0.58	26.82	ceeds Capac	0 - 09:53 hrs	8.54	8.54	1.55	1.00	-9.56	2.18	2.00	0.68	0.70	0.68	0.75	0.68	1
1027	☐	666	2.00	16.92	0.56	26.84	ceeds Capac	0 - 09:53 hrs	8.55	8.55	1.59	1.00	-9.93	2.18	2.00	0.67	0.68	0.67	0.77	0.63	2
1028	☐	667	2.00	17.16	0.58	26.87	ceeds Capac	0 - 09:53 hrs	8.58	8.76	1.57	1.00	-9.72	2.18	2.00	0.42	0.65	0.42	0.76	0.42	1
1029	☐	668	2.50	29.99	0.53	27.12	Backwater	0 - 10:18 hrs	5.78	6.99	0.90	1.00	2.87	2.18	2.50	0.38	0.38	0.43	0.00	0.00	0

FUTURE CONDITIONS 20-YR 24-HR CLIMATE CHANGE CONDUITS

		ID	Full Depth (ft)	Full Flow (cfs)	Percent Slope (%)	Maximum Flow (cfs)	Maximum Flow Class	Max.Flow Day-Time (day-time)	Velocity at Maximum Flow (ft/s)	Maximum Velocity (ft/s)	Max.Flow/Fu ll Flow	Max.Depth/F ull Depth	Reserve Capacity (cfs)	Total Flow Volume (MG)	Maximum Top Width (ft)	Both End Surcharge Time (hrs)	Upstream Surcharge Time (hrs)	Downstream Surcharge Time (hrs)	Above Full-Flow Time (hrs)	Capacity Limited Time (hrs)	Instability Index
1030	☐	669	2.50	41.34	1.02	38.82	Backwater	0 - 09:56 hrs	7.91	8.96	0.94	1.00	2.52	3.24	2.50	0.51	0.51	0.59	0.00	0.00	0
1031	☐	67	1.33	1.07	0.03	5.91	Backwater	0 - 09:55 hrs	4.23	4.23	5.53	1.00	-4.84	0.68	1.33	1.02	1.02	1.17	5.88	0.00	5
1032	☐	670	2.50	51.46	1.57	59.80	ceeds Capac	0 - 09:56 hrs	12.18	12.18	1.16	1.00	-8.34	4.31	2.50	0.59	0.59	0.68	0.27	0.27	1
1033	☐	671	2.50	55.04	1.80	59.77	ceeds Capac	0 - 09:56 hrs	12.18	12.18	1.09	1.00	-4.73	4.31	2.50	0.68	0.68	0.91	0.23	0.21	1
1034	☐	672	3.50	42.65	0.18	99.54	ceeds Capac	0 - 09:59 hrs	10.35	10.35	2.33	1.00	-56.89	6.16	3.50	0.90	0.91	1.10	0.77	0.69	1
1035	☐	673	3.50	51.58	0.26	99.58	ceeds Capac	0 - 09:59 hrs	10.35	10.35	1.93	1.00	-48.00	6.16	3.50	1.10	1.10	1.30	0.57	0.57	3
1036	☐	674	3.50	51.79	0.26	99.59	ceeds Capac	0 - 09:59 hrs	10.35	10.35	1.92	1.00	-47.80	6.17	3.50	1.30	1.30	2.76	0.56	0.56	6
1037	☐	675	3.50	56.33	0.31	99.57	ceeds Capac	0 - 09:59 hrs	10.35	10.35	1.77	1.00	-43.24	6.18	3.50	2.76	2.76	5.07	0.53	0.52	20
1038	☐	676	3.50	54.64	0.29	99.57	ceeds Capac	0 - 09:59 hrs	10.35	10.35	1.82	1.00	-44.94	6.18	3.46	7.91	7.91	11.26	0.55	0.55	42
1039	☐	677	3.50	48.75	0.23	99.57	ceeds Capac	0 - 09:59 hrs	10.35	10.35	2.04	1.00	-50.83	6.19	3.35	10.81	10.81	12.34	0.58	1.10	43
1040	☐	678	3.75	36.92	0.09	99.60	ceeds Capac	0 - 09:59 hrs	9.02	9.02	2.70	1.00	-62.69	6.19	1.47	10.68	10.68	11.65	0.86	1.32	43
1041	☐	679	5.50	109.82	0.31	320.74	Backwater	0 - 10:07 hrs	13.50	13.50	2.92	1.00	-210.92	33.89	5.40	1.24	1.24	1.43	2.48	0.00	4
1042	☐	68	1.33	6.09	0.84	5.90	Backwater	0 - 10:00 hrs	4.22	4.22	0.97	1.00	0.19	0.68	1.33	1.09	1.09	1.17	0.00	0.40	5
1043	☐	680	2.00	18.74	0.69	16.79	Backwater	0 - 09:52 hrs	5.34	5.36	0.90	1.00	1.95	1.49	2.00	1.80	1.80	2.99	0.00	0.00	7
1044	☐	681	2.00	15.07	0.44	19.37	ceeds Capac	0 - 09:52 hrs	6.19	6.21	1.29	1.00	-4.30	1.52	2.00	1.33	1.33	1.80	0.03	0.00	2
1045	☐	682	2.00	18.95	0.70	20.02	Backwater	0 - 09:52 hrs	6.52	6.53	1.06	1.00	-1.07	1.56	2.00	0.85	0.85	1.33	0.01	0.00	1
1046	☐	683	1.50	3.56	0.15	0.45	Backwater	0 - 09:51 hrs	0.28	0.28	0.13	1.00	3.10	0.00	1.50	0.89	0.89	0.97	0.00	0.00	6
1047	☐	684	3.00	39.66	0.35	43.93	ceeds Capac	0 - 10:57 hrs	6.21	8.04	1.11	1.00	-4.27	5.65	3.00	2.03	2.03	2.09	0.62	0.47	5
1048	☐	685	3.00	47.60	0.51	43.92	Backwater	0 - 10:57 hrs	6.21	7.35	0.92	1.00	3.68	5.89	3.00	1.65	1.65	1.98	0.00	0.01	8
1049	☐	686	3.00	39.04	0.34	46.82	ceeds Capac	0 - 09:52 hrs	6.96	7.11	1.20	1.00	-7.78	5.89	3.00	1.63	1.63	1.65	1.60	1.50	7
1050	☐	687	3.00	48.57	0.53	52.09	ceeds Capac	0 - 10:07 hrs	7.37	7.38	1.07	1.00	-3.52	6.10	3.00	1.56	1.56	1.63	0.54	0.58	5
1051	☐	688	3.00	33.51	0.25	62.28	ceeds Capac	0 - 09:59 hrs	8.81	8.81	1.86	1.00	-28.76	6.13	3.00	1.56	1.57	1.56	1.70	1.27	7
1052	☐	689	3.00	35.02	0.28	40.35	ceeds Capac	0 - 10:44 hrs	5.71	5.90	1.15	1.00	-5.33	4.91	3.00	1.53	1.53	1.53	1.21	1.08	8
1053	☐	69	1.33	1.33	0.04	5.89	ceeds Capac	0 - 09:53 hrs	4.22	4.22	4.42	1.00	-4.56	0.68	1.33	1.09	1.49	1.09	4.44	1.09	4
1054	☐	690	3.00	51.69	0.60	40.36	Backwater	0 - 10:45 hrs	5.71	6.97	0.78	1.00	11.33	4.91	3.00	1.47	1.47	1.52	0.00	0.00	7
1055	☐	691	3.00	17.98	0.07	42.76	ceeds Capac	0 - 09:52 hrs	7.03	7.03	2.38	1.00	-24.78	4.91	3.00	1.47	1.48	1.47	2.67	1.39	8
1056	☐	692	3.00	33.31	0.25	78.12	ceeds Capac	0 - 10:03 hrs	11.05	11.05	2.35	1.00	-44.81	5.36	3.00	1.48	1.49	1.48	1.50	1.15	5
1057	☐	693	4.00	136.73	0.91	127.49	Backwater	0 - 12:32 hrs	11.06	11.15	0.93	1.00	9.24	22.40	4.00	2.03	2.03	2.49	0.00	0.00	8
1058	☐	694	1.50	7.90	0.75	16.59	ceeds Capac	0 - 13:06 hrs	9.39	9.39	2.10	1.00	-8.69	1.23	1.50	4.28	4.28	6.60	3.22	2.94	14
1059	☐	697	4.00	83.60	0.34	126.23	ceeds Capac	0 - 09:53 hrs	10.06	10.08	1.51	1.00	-42.63	21.20	4.00	2.13	2.98	2.13	3.34	2.12	8
1060	☐	699	5.00	142.19	0.30	183.66	ceeds Capac	0 - 10:29 hrs	9.35	9.35	1.29	1.00	-41.47	23.70	5.00	1.69	1.69	2.24	1.30	1.25	6
1061	☐	7	3.50	25.57	0.06	95.12	ceeds Capac	0 - 00:01 hrs	12.47	12.47	3.72	1.00	-69.55	8.61	1.37	23.97	23.97	23.98	2.74	6.13	87
1062	☐	700	5.00	131.58	0.26	187.73	ceeds Capac	0 - 10:15 hrs	9.56	9.56	1.43	1.00	-56.15	21.80	5.00	1.55	1.55	1.69	1.16	1.13	5
1063	☐	701	5.00	163.16	0.39	187.84	ceeds Capac	0 - 10:15 hrs	9.57	9.57	1.15	1.00	-24.67	21.80	5.00	1.18	1.18	1.39	0.83	0.83	4
1064	☐	702	2.00	32.51	2.06	23.81	Backwater	0 - 09:49 hrs	7.58	7.97	0.73	1.00	8.70	1.97	2.00	2.62	2.62	3.00	0.00	0.00	8
1065	☐	703	2.00	17.78	0.62	24.50	ceeds Capac	0 - 09:49 hrs	7.83	7.96	1.38	1.00	-6.73	2.22	2.00	2.19	2.21	2.62	0.12	0.07	7
1066	☐	704	2.00	20.42	0.82	24.53	ceeds Capac	0 - 09:49 hrs	7.81	7.81	1.20	1.00	-4.11	2.31	2.00	1.42	1.42	2.21	0.09	0.07	6
1067	☐	706	2.00	16.79	0.55	24.53	ceeds Capac	0 - 09:49 hrs	7.81	7.81	1.46	1.00	-7.74	2.30	2.00	1.26	1.28	1.42	0.15	0.09	6
1068	☐	707	2.00	8.80	0.15	18.03	ceeds Capac	0 - 10:08 hrs	5.74	5.74	2.05	1.00	-9.24	1.44	2.00	1.26	1.27	1.35	1.01	0.99	2
1069	☐	708	4.50	99.12	0.25	94.98	Backwater	0 - 12:47 hrs	6.19	8.73	0.96	1.00	4.13	26.28	4.50	2.24	2.24	2.43	0.00	0.07	10
1070	☐	709	4.50	135.51	0.47	367.89	Backwater	0 - 15:36 hrs	42.77	42.77	2.71	1.00	-232.38	26.28	4.50	2.43	2.43	2.48	0.00	0.83	8
1071	☐	71	1.75	9.03	0.43	11.91	Free Surface	0 - 09:44 hrs	5.37	5.37	1.32	0.87	-2.88	2.84	1.75	0.00	2.94	0.00	3.29	0.00	12
1072	☐	710	4.50	69.52	0.36	162.33	ceeds Capac	0 - 09:52 hrs	10.25	10.44	2.34	1.00	-92.81	38.93	4.50	1.17	4.45	1.17	6.98	1.17	19
1073	☐	711	4.50	114.46	0.34	162.21	ceeds Capac	0 - 09:52 hrs	10.20	10.20	1.42	1.00	-47.75	38.95	4.50	4.11	4.11	4.14	3.96	3.50	19
1074	☐	712	4.50	129.64	0.43	138.45	ceeds Capac	0 - 10:48 hrs	8.70	8.87	1.07	1.00	-8.80	36.75	4.50	3.46	3.46	3.84	0.90	0.93	11
1075	☐	713	4.50	129.54	0.43	162.13	ceeds Capac	0 - 09:52 hrs	10.19	10.19	1.25	1.00	-32.59	38.96	4.50	3.84	3.84	4.11	2.12	2.15	15
1076	☐	715	2.00	6.65	0.09	25.48	ceeds Capac	0 - 09:51 hrs	8.11	8.11	3.83	1.00	-18.84	2.77	2.00	1.92	2.01	1.92	4.14	1.91	3
1077	☐	716	2.00	14.88	0.43	25.51	ceeds Capac	0 - 09:51 hrs	8.12	8.12	1.71	1.00	-10.64	2.68	2.00	2.00	2.00	2.16	0.59	0.63	7
1078	☐	717	2.00	9.99	0.20	25.55	ceeds Capac	0 - 09:51 hrs	8.14	8.61	2.56	1.00	-15.55	2.68	2.00	1.44	2.02	1.44	2.39	1.43	4

FUTURE CONDITIONS 20-YR 24-HR CLIMATE CHANGE CONDUITS

		ID	Full Depth (ft)	Full Flow (cfs)	Percent Slope (%)	Maximum Flow (cfs)	Maximum Flow Class	Max.Flow Day-Time (day-time)	Velocity at Maximum Flow (ft/s)	Maximum Velocity (ft/s)	Max.Flow/Fu ll Flow	Max.Depth/F ull Depth	Reserve Capacity (cfs)	Total Flow Volume (MG)	Maximum Top Width (ft)	Both End Surcharge Time (hrs)	Upstream Surcharge Time (hrs)	Downstream Surcharge Time (hrs)	Above Full-Flow Time (hrs)	Capacity Limited Time (hrs)	Instability Index
1079	☐	718	2.00	44.74	3.91	21.55	Backwater	0 - 09:48 hrs	8.59	8.59	0.48	1.00	23.18	2.68	2.00	1.44	1.44	1.72	0.00	0.00	5
1080	☐	719	2.50	16.66	0.22	36.62	ceeds Capac	0 - 09:53 hrs	7.64	7.69	2.20	1.00	-19.96	2.81	2.50	0.67	0.87	0.67	1.16	0.67	1
1081	☐	72	1.75	9.44	0.47	11.91	ceeds Capac	0 - 09:49 hrs	4.95	4.95	1.26	1.00	-2.48	2.84	1.75	2.94	3.03	2.94	3.14	2.94	14
1082	☐	720	2.50	49.92	1.48	35.48	Backwater	0 - 09:53 hrs	8.33	8.91	0.71	1.00	14.44	2.80	2.50	0.67	0.67	0.76	0.00	0.01	3
1083	☐	721	3.00	37.09	0.31	36.79	Backwater	0 - 09:53 hrs	6.60	6.90	0.99	1.00	0.31	2.81	3.00	0.64	0.64	0.72	0.00	0.02	3
1084	☐	722	3.00	46.46	0.49	35.15	Backwater	0 - 09:52 hrs	5.68	7.16	0.76	1.00	11.31	2.80	3.00	0.72	0.72	0.99	0.00	0.00	4
1085	☐	723	3.00	47.12	0.50	31.75	Backwater	0 - 09:52 hrs	5.28	6.51	0.67	1.00	15.36	2.80	3.00	1.01	1.01	1.24	0.00	0.00	4
1086	☐	724	3.00	42.01	0.40	27.69	Backwater	0 - 10:26 hrs	3.92	4.09	0.66	1.00	14.31	2.81	3.00	1.24	1.24	1.45	0.00	0.00	5
1087	☐	725	3.00	43.12	0.42	39.91	Backwater	0 - 10:26 hrs	5.65	5.65	0.93	1.00	3.21	5.48	3.00	1.61	1.61	3.68	0.00	0.00	6
1088	☐	726	3.00	29.83	0.20	42.93	ceeds Capac	0 - 09:56 hrs	6.08	6.29	1.44	1.00	-13.10	2.45	3.00	0.42	0.43	0.47	0.37	0.31	1
1089	☐	727	3.00	37.20	0.31	35.59	Backwater	0 - 10:03 hrs	5.04	5.33	0.96	1.00	1.61	2.44	3.00	0.47	0.47	0.71	0.00	0.00	1
1090	☐	728	3.50	64.80	0.41	45.96	Backwater	0 - 10:03 hrs	4.78	6.44	0.71	1.00	18.84	3.70	3.50	0.65	0.65	0.81	0.00	0.00	2
1091	☐	729	3.50	43.26	0.18	45.93	ceeds Capac	0 - 10:02 hrs	4.77	5.07	1.06	1.00	-2.67	3.69	3.50	0.81	0.81	1.09	0.34	0.36	1
1092	☐	73	1.75	7.88	0.33	11.91	ceeds Capac	0 - 10:32 hrs	4.95	4.95	1.51	1.00	-4.03	2.85	1.75	2.86	3.12	2.86	3.96	2.86	11
1093	☐	730	3.50	64.83	0.42	41.03	Backwater	0 - 10:18 hrs	4.26	4.26	0.63	1.00	23.80	3.59	3.50	1.75	1.75	3.33	0.00	0.00	9
1094	☐	731	3.50	73.33	0.53	41.04	Backwater	0 - 10:18 hrs	4.27	5.56	0.56	1.00	32.30	3.59	3.50	1.33	1.33	1.75	0.00	0.00	5
1095	☐	733	2.50	21.90	0.29	35.08	ceeds Capac	0 - 09:52 hrs	7.15	7.15	1.60	1.00	-13.18	3.25	2.50	1.41	1.41	1.62	0.68	0.68	1
1096	☐	734	2.50	42.25	1.06	35.09	Backwater	0 - 09:52 hrs	7.15	7.15	0.83	1.00	7.16	3.32	2.50	1.08	1.08	1.41	0.00	0.00	2
1097	☐	735	2.25	35.17	1.29	14.15	Backwater	0 - 10:06 hrs	3.56	4.13	0.40	1.00	21.02	1.09	2.25	0.91	0.91	1.12	0.00	0.00	3
1098	☐	736	2.25	14.84	0.23	14.15	Backwater	0 - 10:03 hrs	3.56	4.70	0.95	1.00	0.70	1.09	2.25	0.88	0.88	0.93	0.00	0.12	3
1099	☐	737	2.25	14.70	0.23	14.16	Backwater	0 - 10:04 hrs	3.56	4.75	0.96	1.00	0.54	1.09	2.25	0.83	0.83	0.86	0.00	0.10	2
1100	☐	738	2.00	14.60	0.42	14.82	Backwater	0 - 09:52 hrs	5.56	5.56	1.02	1.00	-0.22	1.09	2.00	0.75	0.75	0.84	0.00	0.07	2
1101	☐	739	2.00	15.27	0.46	15.91	Backwater	0 - 09:52 hrs	5.16	5.17	1.04	1.00	-0.64	1.09	2.00	0.66	0.66	0.79	0.01	0.00	2
1102	☐	74	2.00	32.06	2.01	33.88	Backwater	0 - 09:57 hrs	11.44	11.52	1.06	1.00	-1.82	1.72	2.00	0.13	0.13	0.18	0.02	0.00	0
1103	☐	740	2.50	21.23	0.27	45.18	ceeds Capac	0 - 09:53 hrs	9.20	9.20	2.13	1.00	-23.95	4.35	2.50	1.59	1.60	1.61	1.46	1.42	2
1104	☐	741	2.00	10.76	0.23	19.12	ceeds Capac	0 - 09:53 hrs	6.09	6.22	1.78	1.00	-8.36	1.09	2.00	0.65	0.67	0.70	0.56	0.51	1
1105	☐	742	1.75	7.45	0.29	14.21	ceeds Capac	0 - 11:25 hrs	5.91	5.91	1.91	1.00	-6.77	2.71	1.75	2.39	3.54	2.39	4.13	2.39	3
1106	☐	743	1.75	9.28	0.46	14.22	ceeds Capac	0 - 11:23 hrs	5.91	5.91	1.53	1.00	-4.94	2.70	1.75	1.90	2.39	1.90	3.02	1.90	9
1107	☐	744	2.00	12.45	0.30	18.03	ceeds Capac	0 - 10:08 hrs	5.74	5.74	1.45	1.00	-5.57	2.24	2.00	1.15	1.20	1.15	1.63	0.26	3
1108	☐	745	2.50	28.13	0.47	36.54	ceeds Capac	0 - 09:52 hrs	7.44	7.44	1.30	1.00	-8.42	4.44	2.50	1.01	1.01	1.09	0.09	0.03	2
1109	☐	746	2.50	26.79	0.43	36.54	ceeds Capac	0 - 09:52 hrs	7.63	7.74	1.36	1.00	-9.75	4.44	2.50	1.06	1.09	1.07	0.21	0.10	2
1110	☐	747	3.00	36.75	0.30	35.56	Backwater	0 - 09:51 hrs	5.43	5.83	0.97	1.00	1.19	4.44	3.00	1.10	1.10	1.17	0.00	0.00	4
1111	☐	748	1.50	7.56	0.69	14.20	ceeds Capac	0 - 09:52 hrs	8.03	8.03	1.88	1.00	-6.64	0.84	1.50	0.93	0.96	1.13	0.67	0.61	1
1112	☐	749	3.00	47.87	0.52	44.89	Backwater	0 - 09:52 hrs	6.35	7.38	0.94	1.00	2.98	5.27	3.00	1.16	1.16	1.19	0.00	0.01	6
1113	☐	75	1.75	7.08	0.27	9.30	ceeds Capac	0 - 09:59 hrs	3.87	3.87	1.31	1.00	-2.22	0.38	1.75	0.16	0.17	0.16	0.23	0.14	0
1114	☐	750	3.00	38.79	0.34	44.84	ceeds Capac	0 - 09:52 hrs	6.34	6.39	1.16	1.00	-6.05	5.27	3.00	1.23	1.23	1.29	0.01	0.01	4
1115	☐	751	3.00	41.80	0.39	44.85	ceeds Capac	0 - 09:52 hrs	6.34	6.34	1.07	1.00	-3.05	5.27	3.00	1.29	1.29	1.40	0.00	0.01	4
1116	☐	752	2.25	17.46	0.32	18.08	Backwater	0 - 09:52 hrs	4.56	4.79	1.04	1.00	-0.63	0.00	2.25	0.82	0.82	1.04	0.00	0.00	4
1117	☐	753	3.00	44.96	0.45	52.78	ceeds Capac	0 - 09:52 hrs	7.47	7.47	1.17	1.00	-7.82	7.30	3.00	1.36	1.36	1.44	0.44	0.44	2
1118	☐	754	3.00	49.40	0.55	73.52	ceeds Capac	0 - 09:53 hrs	10.40	10.40	1.49	1.00	-24.13	8.39	3.00	1.44	1.44	1.57	1.11	1.11	4
1119	☐	755	3.00	45.05	0.46	67.85	ceeds Capac	0 - 09:53 hrs	9.60	9.60	1.51	1.00	-22.80	8.11	3.00	1.44	1.44	1.44	1.48	1.33	4
1120	☐	756	3.50	64.49	0.41	108.30	ceeds Capac	0 - 09:55 hrs	11.26	11.26	1.68	1.00	-43.81	12.73	3.50	0.78	1.39	0.78	1.56	0.78	1
1121	☐	757	1.50	6.91	0.58	8.51	Backwater	0 - 09:53 hrs	4.94	5.26	1.23	1.00	-1.60	0.00	1.50	0.69	0.69	0.82	0.00	0.00	3
1122	☐	758	2.25	40.80	1.74	29.84	Backwater	0 - 09:59 hrs	7.51	7.51	0.73	1.00	10.96	1.21	2.25	0.35	0.35	1.06	0.00	0.00	1
1123	☐	759	3.50	121.98	1.47	132.00	ceeds Capac	0 - 09:55 hrs	13.72	13.80	1.08	1.00	-10.02	14.42	3.50	0.76	0.76	0.94	0.09	0.11	2
1124	☐	76	1.75	8.43	0.38	9.23	ceeds Capac	0 - 09:59 hrs	3.84	3.88	1.09	1.00	-0.80	0.38	1.75	0.16	0.16	0.17	0.10	0.08	0
1125	☐	760	5.00	113.45	0.54	199.39	Free Surface	0 - 10:04 hrs	10.29	10.46	1.76	0.97	-85.94	19.18	5.00	0.00	1.09	0.00	1.21	0.00	0
1126	☐	761	5.00	106.67	0.48	58.76	Backwater	0 - 10:03 hrs	2.99	2.99	0.55	1.00	47.91	2.77	5.00	0.65	0.65	1.11	0.00	0.00	2
1127	☐	763	5.00	101.80	0.44	58.70	Backwater	0 - 10:03 hrs	2.99	4.19	0.58	1.00	43.09	2.77	5.00	0.25	0.25	0.62	0.00	0.00	1

FUTURE CONDITIONS 20-YR 24-HR CLIMATE CHANGE CONDUITS

		ID	Full Depth (ft)	Full Flow (cfs)	Percent Slope (%)	Maximum Flow (cfs)	Maximum Flow Class	Max.Flow Day-Time (day-time)	Velocity at Maximum Flow (ft/s)	Maximum Velocity (ft/s)	Max.Flow/Fu ll Flow	Max.Depth/F ull Depth	Reserve Capacity (cfs)	Total Flow Volume (MG)	Maximum Top Width (ft)	Both End Surcharge Time (hrs)	Upstream Surcharge Time (hrs)	Downstream Surcharge Time (hrs)	Above Full-Flow Time (hrs)	Capacity Limited Time (hrs)	Instability Index
1128	☐	764	5.00	147.01	0.91	13.68	Free Surface	0 - 09:59 hrs	1.37	1.37	0.09	0.52	133.32	0.00	5.00	0.00	0.00	0.23	0.00	0.00	0
1129	☐	767	5.00	488.15	3.51	0.00	Free Surface	0 - 00:00 hrs	0.00	0.00	0.00	0.00	488.15	0.00	1.48	0.00	0.00	0.00	0.00	0.00	0
1130	☐	768	4.50	142.84	0.53	150.75	Backwater	0 - 09:52 hrs	9.82	10.44	1.06	1.00	-7.90	17.64	4.50	1.33	1.33	1.48	0.01	0.07	5
1131	☐	769	4.50	123.82	0.40	131.53	ceeds Capac	0 - 09:52 hrs	8.27	8.56	1.06	1.00	-7.71	15.17	4.50	1.36	1.37	1.36	0.72	0.56	4
1132	☐	77	1.75	9.39	0.47	9.51	Backwater	0 - 09:59 hrs	4.17	4.28	1.01	1.00	-0.11	0.38	1.75	0.10	0.10	0.16	0.00	0.01	0
1133	☐	770	4.50	124.55	0.40	161.20	ceeds Capac	0 - 09:52 hrs	10.54	10.56	1.29	1.00	-36.65	17.64	4.50	1.33	1.35	1.33	1.48	1.08	6
1134	☐	771	5.50	225.47	0.45	232.33	ceeds Capac	0 - 09:59 hrs	9.78	9.78	1.03	1.00	-6.86	43.34	5.50	1.34	1.34	1.46	0.22	0.22	4
1135	☐	772	2.50	36.97	0.81	42.91	ceeds Capac	0 - 10:06 hrs	8.74	8.74	1.16	1.00	-5.94	3.17	2.50	1.18	1.18	1.63	0.29	0.30	2
1136	☐	774	3.50	32.50	0.10	33.67	ceeds Capac	0 - 09:59 hrs	3.50	3.71	1.04	1.00	-1.17	1.94	3.50	0.58	0.58	0.62	0.17	0.13	1
1137	☐	775	3.50	47.83	0.23	45.54	Backwater	0 - 09:59 hrs	4.73	4.73	0.95	1.00	2.29	2.40	3.50	0.62	0.62	0.68	0.00	0.04	1
1138	☐	776	3.50	51.61	0.26	45.56	Backwater	0 - 09:59 hrs	4.74	4.74	0.88	1.00	6.05	2.41	3.50	0.51	0.51	0.62	0.00	0.01	0
1139	☐	777	1.75	5.06	0.14	9.72	ceeds Capac	0 - 09:56 hrs	4.04	4.04	1.92	1.00	-4.65	0.42	1.75	0.71	0.72	0.76	0.16	0.12	2
1140	☐	778	3.50	27.37	0.07	36.58	ceeds Capac	0 - 09:59 hrs	3.80	3.80	1.34	1.00	-9.21	1.51	3.50	0.55	0.55	0.57	0.19	0.18	0
1141	☐	779	3.50	51.12	0.26	32.19	Backwater	0 - 09:56 hrs	3.82	3.84	0.63	1.00	18.93	1.11	3.50	0.49	0.49	0.54	0.00	0.00	1
1142	☐	78	1.75	22.54	2.70	10.42	Free Surface	0 - 09:59 hrs	5.96	6.12	0.46	0.76	12.13	0.38	1.75	0.00	0.00	0.10	0.00	0.00	0
1143	☐	780	2.50	11.91	0.08	12.06	ceeds Capac	0 - 09:38 hrs	2.46	2.46	1.01	1.00	-0.15	1.97	2.50	18.10	18.10	18.45	0.06	0.19	60
1144	☐	781	2.00	10.69	0.22	12.08	ceeds Capac	0 - 09:38 hrs	3.84	3.84	1.13	1.00	-1.38	1.98	2.00	18.23	18.23	18.49	0.35	0.48	76
1145	☐	782	2.00	11.20	0.25	12.08	ceeds Capac	0 - 09:38 hrs	3.84	3.84	1.08	1.00	-0.88	1.99	2.00	17.96	17.96	18.23	0.26	0.29	72
1146	☐	783	2.00	12.29	0.29	12.07	Backwater	0 - 09:38 hrs	3.84	3.84	0.98	1.00	0.22	2.40	2.00	17.23	17.23	17.96	0.00	0.21	49
1147	☐	784	2.00	14.52	0.41	12.07	Backwater	0 - 09:38 hrs	3.84	3.84	0.83	1.00	2.46	2.41	2.00	16.90	16.90	17.24	0.00	0.03	64
1148	☐	785	2.00	12.74	0.32	13.89	ceeds Capac	0 - 10:19 hrs	4.42	4.42	1.09	1.00	-1.15	2.47	2.00	16.67	16.67	16.84	1.14	1.21	65
1149	☐	786	2.00	12.21	0.29	14.61	ceeds Capac	0 - 09:56 hrs	4.65	4.65	1.20	1.00	-2.40	2.50	2.00	16.20	16.20	16.58	1.28	1.27	55
1150	☐	787	2.00	4.64	0.04	26.68	ceeds Capac	0 - 09:56 hrs	8.49	8.49	5.75	1.00	-22.04	1.47	2.00	14.36	14.37	14.36	1.82	4.76	50
1151	☐	788	2.25	6.50	0.04	26.68	Backwater	0 - 09:56 hrs	6.71	6.71	4.10	1.00	-20.17	1.47	2.25	14.23	14.23	14.29	1.07	3.64	46
1152	☐	789	2.00	12.89	0.32	26.69	ceeds Capac	0 - 09:56 hrs	8.49	8.49	2.07	1.00	-13.80	1.47	2.00	14.37	14.37	14.44	0.51	1.91	52
1153	☐	79	3.00	41.33	0.38	41.91	ceeds Capac	0 - 09:59 hrs	5.93	5.93	1.01	1.00	-0.58	6.68	3.00	1.46	1.46	2.88	0.01	0.03	4
1154	☐	790	2.00	10.12	0.20	26.68	ceeds Capac	0 - 09:56 hrs	8.49	8.49	2.64	1.00	-16.55	1.48	2.00	14.21	14.22	14.22	0.69	0.68	51
1155	☐	792	2.00	15.66	0.48	8.89	Backwater	0 - 09:59 hrs	2.83	2.83	0.57	1.00	6.77	0.31	2.00	14.18	14.18	14.35	0.00	0.00	94
1156	☐	793	2.00	20.76	0.84	2.65	Backwater	0 - 09:59 hrs	0.84	1.49	0.13	1.00	18.11	0.08	2.00	14.12	14.12	14.35	0.00	0.00	60
1157	☐	794	2.00	19.50	0.74	2.65	Backwater	0 - 09:59 hrs	0.84	1.64	0.14	1.00	16.86	0.09	2.00	14.05	14.05	14.12	0.00	0.19	62
1158	☐	796	2.25	10.77	0.12	16.49	ceeds Capac	0 - 09:56 hrs	4.15	4.15	1.53	1.00	-5.72	0.77	2.25	14.15	14.15	14.18	0.33	0.67	55
1159	☐	797	2.00	8.51	0.14	16.45	ceeds Capac	0 - 09:56 hrs	5.24	5.24	1.93	1.00	-7.94	0.78	2.00	14.17	14.17	14.22	0.41	0.50	47
1160	☐	799	2.00	10.90	0.23	16.46	ceeds Capac	0 - 09:56 hrs	5.24	5.24	1.51	1.00	-5.56	0.78	2.00	14.15	14.15	14.17	0.32	0.33	47
1161	☐	8	4.50	136.95	0.49	66.38	Backwater	0 - 11:37 hrs	4.17	4.17	0.48	1.00	70.57	17.21	4.50	19.03	19.03	21.48	0.00	0.00	61
1162	☐	80	2.50	23.79	0.34	16.10	Backwater	0 - 09:55 hrs	3.28	5.04	0.68	1.00	7.68	5.38	2.50	1.32	1.32	1.73	0.00	0.00	4
1163	☐	800	2.00	7.79	0.12	16.46	ceeds Capac	0 - 09:56 hrs	5.24	5.24	2.11	1.00	-8.67	0.79	2.00	14.15	14.15	14.15	0.46	0.94	54
1164	☐	801	2.25	9.77	0.10	22.97	ceeds Capac	0 - 10:10 hrs	5.78	5.78	2.35	1.00	-13.20	1.77	2.25	14.19	14.20	14.19	0.96	2.56	57
1165	☐	802	2.50	12.93	0.10	19.98	ceeds Capac	0 - 09:52 hrs	4.07	4.07	1.55	1.00	-7.06	1.71	2.50	14.18	14.18	14.18	0.67	1.45	62
1166	☐	803	2.50	13.04	0.10	19.99	ceeds Capac	0 - 09:52 hrs	4.07	4.07	1.53	1.00	-6.95	1.71	2.50	14.17	14.18	14.17	0.65	1.49	55
1167	☐	804	2.50	15.22	0.14	19.96	ceeds Capac	0 - 09:52 hrs	4.07	4.07	1.31	1.00	-4.74	1.70	2.50	14.17	14.17	14.20	0.46	0.46	38
1168	☐	805	2.50	23.48	0.33	19.98	Backwater	0 - 09:52 hrs	4.07	4.07	0.85	1.00	3.51	1.68	2.50	14.20	14.20	14.53	0.00	0.01	48
1169	☐	806	2.50	13.53	0.09	19.97	Backwater	0 - 09:52 hrs	4.07	4.07	1.48	1.00	-6.44	1.68	2.50	14.36	14.36	14.53	0.62	0.01	50
1170	☐	807	2.00	15.95	0.50	12.25	Free Surface	0 - 09:59 hrs	5.44	5.45	0.77	0.67	3.70	0.46	2.00	0.00	0.00	0.00	0.00	0.00	0
1171	☐	808	2.00	11.29	0.25	11.71	Free Surface	0 - 10:00 hrs	5.17	5.17	1.04	0.68	-0.42	0.46	2.00	0.00	0.00	0.00	0.04	0.00	0
1172	☐	809	2.00	34.93	2.38	11.70	Free Surface	0 - 10:00 hrs	6.30	6.32	0.34	0.58	23.22	0.46	2.00	0.00	0.00	0.00	0.00	0.00	0
1173	☐	81	2.00	32.34	2.04	5.67	Free Surface	0 - 09:55 hrs	2.64	2.64	0.18	0.88	26.67	0.00	2.00	0.00	0.00	1.35	0.00	0.00	0
1174	☐	810	2.00	31.70	1.96	29.87	Free Surface	0 - 09:59 hrs	10.09	10.09	0.94	0.89	1.83	1.18	2.00	0.00	0.00	0.14	0.00	0.00	0
1175	☐	811	2.00	25.50	1.27	29.87	Free Surface	0 - 09:59 hrs	10.06	10.07	1.17	0.90	-4.37	1.18	2.00	0.00	0.14	0.00	0.13	0.00	0
1176	☐	812	2.00	30.66	1.84	29.79	Free Surface	0 - 09:59 hrs	10.28	10.81	0.97	0.89	0.87	1.18	2.00	0.00	0.00	0.04	0.00	0.00	0

FUTURE CONDITIONS 20-YR 24-HR CLIMATE CHANGE CONDUITS

		ID	Full Depth (ft)	Full Flow (cfs)	Percent Slope (%)	Maximum Flow (cfs)	Maximum Flow Class	Max.Flow Day-Time (day-time)	Velocity at Maximum Flow (ft/s)	Maximum Velocity (ft/s)	Max.Flow/Fu ll Flow	Max.Depth/F ull Depth	Reserve Capacity (cfs)	Total Flow Volume (MG)	Maximum Top Width (ft)	Both End Surcharge Time (hrs)	Upstream Surcharge Time (hrs)	Downstream Surcharge Time (hrs)	Above Full-Flow Time (hrs)	Capacity Limited Time (hrs)	Instability Index
1177	☐	813	2.00	28.14	1.55	29.49	ceeds Capac	0 - 10:00 hrs	9.39	10.08	1.05	1.00	-1.34	1.18	2.00	0.04	0.04	0.08	0.09	0.03	0
1178	☐	814	2.00	22.76	1.01	29.45	Free Surface	0 - 10:00 hrs	9.49	9.49	1.29	0.96	-6.68	1.18	2.00	0.00	0.13	0.00	0.20	0.00	0
1179	☐	815	2.00	37.43	2.74	29.38	Free Surface	0 - 10:00 hrs	13.19	13.19	0.78	0.67	8.05	1.18	2.00	0.00	0.00	0.00	0.00	0.00	0
1180	☐	816	2.75	8.74	0.03	58.83	Free Surface	0 - 09:59 hrs	10.10	10.10	6.73	0.95	-50.09	4.41	2.75	0.00	0.00	0.72	4.22	0.00	0
1181	☐	817	2.75	47.71	0.81	52.14	ceeds Capac	0 - 10:15 hrs	8.78	8.78	1.09	1.00	-4.42	4.16	2.75	0.54	0.54	0.72	0.41	0.41	1
1182	☐	818	2.50	42.45	1.07	52.13	ceeds Capac	0 - 10:15 hrs	10.62	10.62	1.23	1.00	-9.68	4.16	2.50	0.51	0.51	0.56	0.47	0.46	1
1183	☐	819	2.50	69.89	2.90	73.63	ceeds Capac	0 - 10:00 hrs	15.00	15.00	1.05	1.00	-3.74	4.33	2.50	0.30	0.30	0.50	0.22	0.23	0
1184	☐	82	2.50	20.80	0.26	12.97	Backwater	0 - 09:55 hrs	2.72	4.79	0.62	1.00	7.82	5.38	2.50	1.06	1.06	1.25	0.00	0.01	8
1185	☐	820	2.50	68.99	2.83	48.23	Free Surface	0 - 09:59 hrs	11.35	11.35	0.70	0.81	20.76	2.16	2.50	0.00	0.00	0.30	0.00	0.00	0
1186	☐	821	2.50	33.24	0.66	48.26	Free Surface	0 - 09:59 hrs	9.99	9.99	1.45	0.95	-15.01	2.16	2.50	0.00	0.21	0.00	0.27	0.00	0
1187	☐	822	2.50	31.67	0.60	48.26	ceeds Capac	0 - 09:59 hrs	9.83	9.83	1.52	1.00	-16.59	2.16	2.50	0.20	0.23	0.20	0.29	0.20	0
1188	☐	823	2.50	29.61	0.52	48.26	ceeds Capac	0 - 09:59 hrs	9.83	9.83	1.63	1.00	-18.65	2.16	2.50	0.23	0.25	0.23	0.32	0.23	0
1189	☐	824	4.50	563.18	8.20	115.55	Free Surface	0 - 10:07 hrs	17.34	19.02	0.21	0.44	447.63	23.34	4.46	0.00	0.00	0.00	0.00	0.00	0
1190	☐	825	4.50	137.74	0.49	115.64	Free Surface	0 - 10:07 hrs	9.70	9.70	0.84	0.70	22.10	23.35	4.50	0.00	0.00	0.00	0.00	0.00	0
1191	☐	826	4.50	155.55	0.63	115.66	Free Surface	0 - 10:07 hrs	10.71	10.71	0.74	0.64	39.89	23.35	4.50	0.00	0.00	0.00	0.00	0.00	0
1192	☐	827	4.00	430.88	9.00	115.75	Free Surface	0 - 10:06 hrs	16.78	16.79	0.27	0.54	315.13	23.36	4.00	0.00	0.00	0.00	0.00	0.00	0
1193	☐	828	4.00	67.05	0.22	115.75	Free Surface	0 - 10:06 hrs	10.07	10.07	1.73	0.86	-48.70	23.36	4.00	0.00	0.00	0.00	3.87	0.00	0
1194	☐	829	4.00	125.82	0.77	115.70	Free Surface	0 - 10:06 hrs	10.35	10.36	0.92	0.83	10.12	23.36	4.00	0.00	0.00	0.00	0.00	0.00	0
1195	☐	83	1.50	5.69	0.39	12.55	ceeds Capac	0 - 13:45 hrs	7.26	7.26	2.21	1.00	-6.86	5.38	1.50	1.35	16.54	1.35	17.19	1.35	26
1196	☐	830	4.00	90.18	0.39	115.70	Free Surface	0 - 10:06 hrs	9.67	9.67	1.28	0.91	-25.52	23.36	4.00	0.00	1.10	0.00	2.44	0.00	0
1197	☐	831	2.25	29.96	0.94	24.07	Backwater	0 - 09:56 hrs	6.05	6.28	0.80	1.00	5.88	7.76	2.25	2.41	2.41	5.22	0.00	0.00	9
1198	☐	832	2.25	19.21	0.38	24.06	ceeds Capac	0 - 09:56 hrs	6.05	6.05	1.25	1.00	-4.84	7.76	2.25	2.27	3.23	2.27	5.83	2.27	9
1199	☐	833	2.25	19.56	0.40	24.06	ceeds Capac	0 - 09:56 hrs	6.05	6.05	1.23	1.00	-4.51	7.77	2.25	3.43	3.69	3.43	4.82	3.43	14
1200	☐	834	2.25	32.05	1.07	24.86	Backwater	0 - 10:04 hrs	6.25	6.70	0.78	1.00	7.20	7.80	2.25	3.27	3.27	3.69	0.00	0.01	16
1201	☐	835	2.25	21.68	0.49	24.83	ceeds Capac	0 - 10:34 hrs	6.25	6.41	1.15	1.00	-3.15	7.80	2.25	2.81	2.81	3.27	2.90	2.46	6
1202	☐	837	3.50	51.11	0.26	86.16	ceeds Capac	0 - 09:59 hrs	8.96	8.96	1.69	1.00	-35.05	13.63	3.50	1.67	1.86	1.67	2.19	1.67	5
1203	☐	838	3.50	55.38	0.30	78.19	ceeds Capac	0 - 10:21 hrs	8.13	8.13	1.41	1.00	-22.81	12.90	3.50	1.78	1.78	1.96	1.68	1.67	2
1204	☐	839	3.00	34.02	0.26	35.66	ceeds Capac	0 - 10:41 hrs	5.04	5.04	1.05	1.00	-1.64	5.39	3.00	1.72	1.72	1.92	0.22	0.29	5
1205	☐	84	2.50	51.72	1.59	40.16	Backwater	0 - 09:59 hrs	8.18	8.18	0.78	1.00	11.55	2.73	2.50	6.45	6.45	13.88	0.00	0.00	28
1206	☐	840	2.00	16.40	0.53	21.67	ceeds Capac	0 - 09:48 hrs	6.90	6.90	1.32	1.00	-5.27	2.55	2.00	1.22	1.22	1.33	0.70	0.68	1
1207	☐	841	2.00	17.27	0.58	25.23	ceeds Capac	0 - 09:59 hrs	8.03	8.03	1.46	1.00	-7.96	2.13	2.00	1.00	1.00	1.22	0.72	0.73	1
1208	☐	842	2.00	6.49	0.08	21.65	ceeds Capac	0 - 09:48 hrs	6.89	6.89	3.33	1.00	-15.16	2.54	2.00	0.98	1.50	0.98	3.69	0.98	3
1209	☐	843	2.00	19.63	0.75	21.65	ceeds Capac	0 - 09:48 hrs	6.89	6.89	1.10	1.00	-2.01	2.44	2.00	1.21	1.21	1.28	0.35	0.36	3
1210	☐	844	2.00	20.30	0.81	21.64	ceeds Capac	0 - 09:48 hrs	6.89	7.14	1.07	1.00	-1.34	2.54	2.00	1.05	1.05	1.12	0.26	0.24	3
1211	☐	845	2.00	17.26	0.58	28.45	ceeds Capac	0 - 09:49 hrs	9.06	9.06	1.65	1.00	-11.19	3.31	2.00	1.00	1.32	1.00	1.42	0.99	2
1212	☐	846	1.25	9.56	2.91	9.85	ceeds Capac	0 - 09:57 hrs	8.03	8.75	1.03	1.00	-0.30	0.36	1.25	0.15	0.15	0.17	0.03	0.03	0
1213	☐	847	2.50	30.25	0.54	58.81	ceeds Capac	0 - 09:57 hrs	11.98	11.98	1.94	1.00	-28.55	4.78	2.50	0.40	0.90	0.40	1.01	0.40	0
1214	☐	848	1.25	9.98	3.18	9.85	Backwater	0 - 09:57 hrs	8.03	8.03	0.99	1.00	0.13	0.36	1.25	0.20	0.20	1.31	0.00	0.00	0
1215	☐	849	2.25	23.60	0.58	43.43	ceeds Capac	0 - 09:56 hrs	10.92	10.92	1.84	1.00	-19.83	4.22	2.25	0.52	0.95	0.52	1.28	0.52	2
1216	☐	85	3.50	27.09	0.07	57.45	Backwater	0 - 09:59 hrs	5.97	5.97	2.12	1.00	-30.36	0.23	3.50	12.15	12.15	13.24	0.95	1.48	33
1217	☐	850	2.25	31.57	1.04	43.42	ceeds Capac	0 - 09:56 hrs	10.92	10.92	1.38	1.00	-11.86	4.22	2.25	0.90	0.90	0.95	0.88	0.86	3
1218	☐	851	2.25	35.65	1.32	43.43	ceeds Capac	0 - 09:56 hrs	10.92	10.92	1.22	1.00	-7.78	4.22	2.25	0.82	0.82	0.90	0.56	0.54	2
1219	☐	852	2.25	32.15	1.08	37.23	ceeds Capac	0 - 09:56 hrs	9.36	9.48	1.16	1.00	-5.08	3.99	2.25	0.76	0.76	0.81	0.76	0.70	3
1220	☐	853	2.25	36.89	1.42	37.24	ceeds Capac	0 - 09:56 hrs	9.37	10.59	1.01	1.00	-0.35	3.99	2.25	0.63	0.63	0.70	0.03	0.08	2
1221	☐	854	2.25	26.62	0.74	33.07	ceeds Capac	0 - 09:49 hrs	8.36	8.43	1.24	1.00	-6.45	3.70	2.25	0.63	0.87	0.63	0.89	0.57	2
1222	☐	855	2.25	19.68	0.40	28.47	ceeds Capac	0 - 09:49 hrs	7.16	7.18	1.45	1.00	-8.79	3.31	2.25	0.87	0.96	0.87	1.11	0.72	2
1223	☐	856	2.50	13.58	0.11	58.81	ceeds Capac	0 - 09:57 hrs	11.98	11.98	4.33	1.00	-45.23	4.78	2.50	0.16	0.95	0.16	2.92	0.16	1
1224	☐	857	1.25	8.07	2.08	8.15	ceeds Capac	0 - 09:59 hrs	6.64	7.43	1.01	1.00	-0.08	0.24	1.25	0.10	0.10	0.14	0.00	0.01	0
1225	☐	858	1.25	7.04	1.58	8.16	ceeds Capac	0 - 09:59 hrs	6.65	6.65	1.16	1.00	-1.12	0.24	1.25	0.15	0.15	0.16	0.02	0.03	0

FUTURE CONDITIONS 20-YR 24-HR CLIMATE CHANGE CONDUITS

		ID	Full Depth (ft)	Full Flow (cfs)	Percent Slope (%)	Maximum Flow (cfs)	Maximum Flow Class	Max.Flow Day-Time (day-time)	Velocity at Maximum Flow (ft/s)	Maximum Velocity (ft/s)	Max.Flow/Fu ll Flow	Max.Depth/F ull Depth	Reserve Capacity (cfs)	Total Flow Volume (MG)	Maximum Top Width (ft)	Both End Surcharge Time (hrs)	Upstream Surcharge Time (hrs)	Downstream Surcharge Time (hrs)	Above Full-Flow Time (hrs)	Capacity Limited Time (hrs)	Instability Index
1226	☐	859	2.50	50.38	1.51	58.84	ceeds Capac	0 - 09:57 hrs	12.02	12.25	1.17	1.00	-8.46	4.78	2.50	0.14	0.20	0.14	0.28	0.14	0
1227	☐	86	3.00	82.34	1.52	43.96	Backwater	0 - 10:57 hrs	6.22	9.37	0.53	1.00	38.39	5.42	3.00	2.09	2.09	2.90	0.00	0.00	7
1228	☐	860	1.25	7.00	1.56	4.71	Backwater	0 - 09:57 hrs	4.44	4.44	0.67	1.00	2.29	0.00	1.25	0.14	0.14	0.16	0.00	0.00	0
1229	☐	862	1.75	41.79	9.26	31.58	Free Surface	0 - 09:59 hrs	14.88	14.88	0.76	0.83	10.21	1.73	0.69	0.00	0.00	23.81	0.00	0.00	0
1230	☐	863	2.00	14.57	0.41	28.39	Free Surface	0 - 09:59 hrs	9.17	9.17	1.95	0.96	-13.82	1.61	2.00	0.00	0.49	0.00	0.61	0.00	0
1231	☐	864	2.00	18.73	0.69	16.87	Backwater	0 - 10:11 hrs	5.37	5.47	0.90	1.00	1.87	1.16	2.00	0.34	0.34	0.45	0.00	0.00	1
1232	☐	865	2.00	22.19	0.96	38.59	ceeds Capac	0 - 10:03 hrs	12.28	12.28	1.74	1.00	-16.40	2.18	2.00	0.27	0.44	0.27	0.50	0.27	1
1233	☐	866	3.00	54.58	0.67	38.76	Free Surface	0 - 09:56 hrs	8.16	8.27	0.71	0.64	15.82	2.18	3.00	0.00	0.00	0.00	0.00	0.00	0
1234	☐	867	2.00	26.37	1.36	16.17	Backwater	0 - 10:00 hrs	5.15	5.15	0.61	1.00	10.20	0.73	2.00	0.27	0.27	0.65	0.00	0.00	0
1235	☐	868	2.00	39.17	3.00	16.17	Backwater	0 - 10:00 hrs	5.15	9.58	0.41	1.00	23.00	0.74	2.00	0.23	0.23	0.27	0.00	0.00	0
1236	☐	869	1.50	6.41	0.50	12.91	ceeds Capac	0 - 09:59 hrs	7.34	7.36	2.01	1.00	-6.50	0.73	1.50	0.01	0.54	0.01	0.62	0.01	0
1237	☐	87	5.00	153.19	0.35	182.73	ceeds Capac	0 - 11:18 hrs	9.31	9.31	1.19	1.00	-29.53	36.78	5.00	2.80	2.88	2.81	2.55	2.24	9
1238	☐	870	2.00	18.90	0.70	27.70	ceeds Capac	0 - 09:59 hrs	8.82	8.82	1.47	1.00	-8.80	1.07	2.00	0.15	0.19	0.15	0.23	0.15	0
1239	☐	871	2.00	22.96	1.03	27.71	ceeds Capac	0 - 09:59 hrs	8.82	8.82	1.21	1.00	-4.75	1.07	2.00	0.14	0.14	0.19	0.14	0.12	0
1240	☐	872	2.00	16.23	0.51	27.72	ceeds Capac	0 - 09:59 hrs	8.82	8.82	1.71	1.00	-11.49	1.07	2.00	0.14	0.23	0.14	0.28	0.14	0
1241	☐	873	2.75	27.27	0.27	41.88	ceeds Capac	0 - 10:44 hrs	7.05	7.05	1.54	1.00	-14.60	6.63	2.75	1.99	1.99	3.02	1.68	1.68	3
1242	☐	875	1.75	48.34	12.39	1.03	Backwater	0 - 09:56 hrs	0.49	0.57	0.02	1.00	47.31	0.00	1.75	0.07	0.07	14.16	0.00	0.00	1
1243	☐	876	2.75	33.75	0.41	41.88	ceeds Capac	0 - 10:44 hrs	7.05	7.05	1.24	1.00	-8.13	6.62	2.61	3.87	3.87	23.96	1.19	1.20	52
1244	☐	877	2.00	21.57	0.91	22.58	ceeds Capac	0 - 09:59 hrs	7.19	7.19	1.05	1.00	-1.00	1.00	2.00	0.32	0.32	1.00	0.14	0.15	0
1245	☐	878	1.50	7.58	0.69	4.23	Backwater	0 - 09:55 hrs	2.46	2.49	0.56	1.00	3.35	0.00	1.50	0.27	0.27	0.29	0.00	0.00	0
1246	☐	879	1.50	9.69	1.13	16.53	ceeds Capac	0 - 10:25 hrs	9.35	9.35	1.71	1.00	-6.84	1.82	1.50	0.93	1.04	0.93	1.12	0.93	0
1247	☐	88	5.00	169.92	0.43	149.12	Backwater	0 - 12:26 hrs	7.59	8.45	0.88	1.00	20.80	31.59	5.00	2.66	2.66	2.88	0.00	0.00	11
1248	☐	880	2.00	40.67	3.23	23.99	Free Surface	0 - 09:59 hrs	7.97	7.98	0.59	0.91	16.69	1.03	2.00	0.00	0.00	1.21	0.00	0.00	0
1249	☐	881	2.00	15.98	0.50	27.32	ceeds Capac	0 - 10:14 hrs	8.70	8.70	1.71	1.00	-11.34	2.76	1.95	2.45	2.45	23.94	1.03	1.03	49
1250	☐	882	2.00	15.03	1.26	16.53	ceeds Capac	0 - 10:25 hrs	5.26	5.26	1.10	1.00	-1.50	1.79	2.00	1.53	1.53	2.36	0.28	0.25	3
1251	☐	884	2.00	21.37	0.89	15.14	Backwater	0 - 09:48 hrs	4.82	6.69	0.71	1.00	6.24	1.50	2.00	1.41	1.41	1.44	0.00	0.01	5
1252	☐	885	2.50	18.34	0.20	24.38	ceeds Capac	0 - 09:45 hrs	4.97	4.97	1.33	1.00	-6.03	3.63	2.50	1.48	1.50	1.48	1.01	0.79	4
1253	☐	886	2.50	20.40	0.25	30.90	ceeds Capac	0 - 09:45 hrs	6.29	6.29	1.51	1.00	-10.49	4.63	2.50	1.44	1.48	1.44	1.89	1.42	6
1254	☐	887	2.50	19.23	0.22	30.90	ceeds Capac	0 - 09:45 hrs	6.29	6.29	1.61	1.00	-11.67	4.63	2.50	1.40	1.44	1.40	2.09	1.38	7
1255	☐	888	2.50	21.68	0.28	30.92	ceeds Capac	0 - 09:45 hrs	6.30	6.30	1.43	1.00	-9.25	4.63	2.50	1.38	1.40	1.38	1.73	1.18	7
1256	☐	889	2.50	18.97	0.21	30.91	ceeds Capac	0 - 09:45 hrs	6.30	6.30	1.63	1.00	-11.95	4.63	2.50	1.38	1.40	1.38	2.13	1.16	7
1257	☐	89	5.00	142.01	0.30	149.11	ceeds Capac	0 - 12:22 hrs	7.59	8.80	1.05	1.00	-7.10	31.59	5.00	2.65	2.69	2.66	1.53	1.35	10
1258	☐	890	2.50	22.04	0.29	30.88	ceeds Capac	0 - 09:45 hrs	6.29	6.29	1.40	1.00	-8.84	4.63	2.50	1.36	1.38	1.36	1.69	1.27	6
1259	☐	891	2.50	20.83	0.26	30.93	ceeds Capac	0 - 09:45 hrs	6.34	6.64	1.48	1.00	-10.10	4.63	2.50	1.29	1.38	1.29	1.85	1.29	5
1260	☐	892	2.50	47.16	1.32	69.90	ceeds Capac	0 - 09:59 hrs	14.26	14.26	1.48	1.00	-22.74	8.06	2.50	0.23	1.34	0.23	0.97	0.23	2
1261	☐	893	2.50	31.25	0.58	37.69	ceeds Capac	0 - 09:49 hrs	7.68	7.68	1.21	1.00	-6.44	5.88	2.50	1.32	1.35	1.34	1.42	1.30	4
1262	☐	894	2.50	14.51	0.13	13.55	Backwater	0 - 10:19 hrs	2.76	2.76	0.93	1.00	0.96	1.25	2.50	1.23	1.23	1.33	0.00	0.04	3
1263	☐	895	2.75	35.15	0.44	13.56	Backwater	0 - 10:19 hrs	2.28	3.27	0.39	1.00	21.59	1.25	2.75	0.96	0.96	1.00	0.00	0.20	6
1264	☐	896	3.50	68.19	0.46	71.12	ceeds Capac	0 - 09:59 hrs	7.39	7.39	1.04	1.00	-2.93	8.85	3.50	0.52	0.52	0.84	0.19	0.17	1
1265	☐	897	3.50	85.65	0.72	71.15	Backwater	0 - 09:53 hrs	7.44	8.70	0.83	1.00	14.50	8.85	3.50	0.43	0.43	0.52	0.00	0.06	1
1266	☐	898	3.50	42.25	0.18	71.88	ceeds Capac	0 - 09:53 hrs	7.55	8.08	1.70	1.00	-29.63	8.85	3.50	0.43	0.69	0.43	1.56	0.43	1
1267	☐	899	3.50	126.05	1.57	71.88	Backwater	0 - 09:53 hrs	7.47	8.17	0.57	1.00	54.17	8.86	3.50	0.58	0.58	0.69	0.00	0.00	2
1268	☐	9	4.00	62.38	0.54	59.24	Free Surface	0 - 10:04 hrs	6.40	6.40	0.95	0.69	3.14	3.51	4.00	0.00	0.00	0.00	0.00	0.00	0
1269	☐	90	5.00	143.61	0.30	145.10	ceeds Capac	0 - 12:22 hrs	7.39	8.17	1.01	1.00	-1.50	30.13	5.00	2.69	2.69	2.69	0.48	0.55	10
1270	☐	900	2.75	12.44	0.16	31.05	Backwater	0 - 09:51 hrs	5.30	6.13	2.50	1.00	-18.61	4.41	2.75	0.64	0.64	0.68	3.69	0.08	3
1271	☐	901	2.75	19.13	0.37	28.27	ceeds Capac	0 - 09:51 hrs	4.83	4.92	1.48	1.00	-9.14	4.41	2.75	0.68	1.65	0.68	2.03	0.68	5
1272	☐	902	3.75	31.13	0.07	71.10	ceeds Capac	0 - 09:59 hrs	6.44	6.44	2.28	1.00	-39.97	8.85	3.75	0.44	0.51	0.44	2.52	0.37	2
1273	☐	903	3.50	45.38	0.20	71.13	ceeds Capac	0 - 09:59 hrs	7.39	7.39	1.57	1.00	-25.75	8.85	3.50	0.33	0.80	0.33	1.47	0.33	1
1274	☐	904	3.50	48.13	0.23	71.16	Free Surface	0 - 09:59 hrs	8.19	8.40	1.48	0.85	-23.03	8.84	3.50	0.00	0.28	0.00	1.34	0.00	0

FUTURE CONDITIONS 20-YR 24-HR CLIMATE CHANGE CONDUITS

		ID	Full Depth (ft)	Full Flow (cfs)	Percent Slope (%)	Maximum Flow (cfs)	Maximum Flow Class	Max.Flow Day-Time (day-time)	Velocity at Maximum Flow (ft/s)	Maximum Velocity (ft/s)	Max.Flow/Fu ll Flow	Max.Depth/F ull Depth	Reserve Capacity (cfs)	Total Flow Volume (MG)	Maximum Top Width (ft)	Both End Surcharge Time (hrs)	Upstream Surcharge Time (hrs)	Downstream Surcharge Time (hrs)	Above Full-Flow Time (hrs)	Capacity Limited Time (hrs)	Instability Index
1275	☐	905	3.50	58.96	0.34	71.15	ceeds Capac	0 - 09:59 hrs	7.40	7.40	1.21	1.00	-12.19	8.85	3.50	0.28	0.33	0.28	0.89	0.28	1
1276	☐	906	3.00	105.81	2.52	97.37	Free Surface	0 - 09:59 hrs	14.48	14.48	0.92	0.91	8.45	10.01	3.00	0.00	0.00	1.03	0.00	0.00	0
1277	☐	907	2.25	31.09	1.01	50.07	ceeds Capac	0 - 09:57 hrs	12.59	12.59	1.61	1.00	-18.98	5.03	2.25	1.05	1.06	1.09	1.11	1.03	1
1278	☐	908	2.50	35.72	0.76	27.02	Backwater	0 - 10:45 hrs	5.56	7.14	0.76	1.00	8.70	3.21	2.50	0.89	0.89	0.99	0.00	0.00	2
1279	☐	909	2.25	27.23	0.77	26.96	Backwater	0 - 09:51 hrs	7.12	7.80	0.99	1.00	0.27	3.21	2.25	0.89	0.89	0.91	0.00	0.04	3
1280	☐	91	5.00	169.83	0.43	142.55	Backwater	0 - 12:32 hrs	7.40	8.71	0.84	1.00	27.28	29.06	5.00	1.98	1.98	2.69	0.00	0.00	11
1281	☐	910	2.25	25.74	0.69	27.85	ceeds Capac	0 - 09:51 hrs	7.42	7.61	1.08	1.00	-2.11	3.21	2.25	0.84	0.84	0.84	0.33	0.32	4
1282	☐	911	2.25	25.50	0.68	30.96	ceeds Capac	0 - 09:51 hrs	7.82	7.82	1.21	1.00	-5.46	3.22	2.25	0.81	0.83	0.84	0.43	0.32	2
1283	☐	912	2.25	18.80	0.37	14.77	Backwater	0 - 10:07 hrs	3.72	3.72	0.79	1.00	4.02	0.84	2.25	0.75	0.75	0.83	0.00	0.00	0
1284	☐	913	1.75	6.51	0.22	6.85	Backwater	0 - 09:51 hrs	2.85	2.85	1.05	1.00	-0.34	0.03	1.75	0.80	0.80	0.85	0.00	0.00	2
1285	☐	914	1.75	6.85	0.25	6.00	Backwater	0 - 09:51 hrs	2.49	2.49	0.87	1.00	0.86	0.00	1.75	0.79	0.79	0.80	0.00	0.10	3
1286	☐	916	1.75	6.91	0.25	4.82	Backwater	0 - 09:51 hrs	2.56	2.56	0.70	1.00	2.09	0.00	1.75	0.73	0.73	0.79	0.00	0.00	3
1287	☐	918	1.50	7.10	0.61	1.60	Backwater	0 - 09:41 hrs	1.05	1.05	0.23	1.00	5.50	0.00	1.50	1.46	1.46	1.92	0.00	0.00	7
1288	☐	919	2.50	15.09	0.14	28.21	ceeds Capac	0 - 09:51 hrs	5.75	5.75	1.87	1.00	-13.12	4.42	2.50	1.85	2.08	1.85	2.87	1.85	6
1289	☐	92	5.00	140.45	0.29	147.20	Backwater	0 - 09:52 hrs	8.79	8.87	1.05	1.00	-6.75	29.08	5.00	1.75	1.75	1.98	0.45	0.00	7
1290	☐	922	2.50	23.40	0.33	39.88	ceeds Capac	0 - 09:59 hrs	8.13	8.13	1.70	1.00	-16.49	4.68	2.50	1.99	1.99	2.08	1.53	1.49	7
1291	☐	923	2.50	25.34	0.38	19.26	Backwater	0 - 10:22 hrs	3.92	5.44	0.76	1.00	6.07	3.09	2.50	1.52	1.52	1.59	0.00	0.00	7
1292	☐	924	2.50	13.00	0.10	19.26	ceeds Capac	0 - 10:22 hrs	3.92	5.15	1.48	1.00	-6.26	3.09	2.50	1.48	1.49	1.48	1.86	1.06	7
1293	☐	925	2.25	17.46	0.32	12.45	Backwater	0 - 11:07 hrs	3.13	3.69	0.71	1.00	5.01	2.03	2.25	1.48	1.48	1.54	0.00	0.00	8
1294	☐	926	1.75	5.85	0.18	14.80	ceeds Capac	0 - 09:44 hrs	6.19	6.38	2.53	1.00	-8.95	2.03	1.75	1.46	2.58	1.46	3.81	1.46	8
1295	☐	927	2.25	16.48	0.28	14.12	Backwater	0 - 09:42 hrs	3.91	4.50	0.86	1.00	2.36	2.03	2.25	1.43	1.43	1.48	0.00	0.00	7
1296	☐	929	2.00	14.81	0.43	8.21	Backwater	0 - 09:47 hrs	2.61	3.59	0.55	1.00	6.60	0.83	2.00	1.60	1.60	1.76	0.00	0.00	5
1297	☐	93	5.00	152.21	0.34	191.06	ceeds Capac	0 - 11:18 hrs	9.73	9.73	1.26	1.00	-38.85	39.42	5.00	1.80	2.81	1.80	3.24	1.79	10
1298	☐	930	2.00	23.39	1.07	28.01	ceeds Capac	0 - 09:59 hrs	9.06	9.06	1.20	1.00	-4.62	1.07	2.00	0.15	0.15	0.17	0.12	0.06	0
1299	☐	931	3.50	62.28	0.38	50.50	Backwater	0 - 09:57 hrs	5.86	6.85	0.81	1.00	11.78	7.18	3.50	0.23	0.23	0.29	0.00	0.00	0
1300	☐	932	3.00	23.09	0.12	28.70	ceeds Capac	0 - 10:15 hrs	4.87	5.45	1.24	1.00	-5.61	6.12	3.00	0.24	0.25	0.25	2.44	0.03	0
1301	☐	933	3.00	16.13	0.06	27.88	ceeds Capac	0 - 10:18 hrs	4.24	4.31	1.73	1.00	-11.75	6.13	3.00	0.24	0.29	0.24	4.19	0.13	0
1302	☐	934	3.00	16.58	0.06	28.18	ceeds Capac	0 - 09:37 hrs	4.02	4.02	1.70	1.00	-11.60	6.13	3.00	0.29	2.22	0.29	4.07	0.17	2
1303	☐	935	2.50	20.73	0.26	27.88	ceeds Capac	0 - 09:52 hrs	5.68	5.68	1.34	1.00	-7.15	6.14	2.50	3.05	3.05	3.10	2.91	2.83	11
1304	☐	936	2.50	17.31	0.18	27.96	ceeds Capac	0 - 09:52 hrs	5.70	5.70	1.62	1.00	-10.65	6.21	2.50	3.05	3.07	3.05	3.89	2.95	15
1305	☐	937	2.50	12.31	0.09	20.31	ceeds Capac	0 - 10:41 hrs	4.14	4.14	1.65	1.00	-8.00	2.57	2.50	3.16	3.16	3.57	1.56	1.68	9
1306	☐	938	2.50	11.35	0.08	31.16	ceeds Capac	0 - 09:59 hrs	6.35	6.35	2.74	1.00	-19.81	6.24	2.50	3.07	3.38	3.07	6.11	3.07	14
1307	☐	939	2.50	23.33	0.32	28.87	Backwater	0 - 09:59 hrs	5.88	5.88	1.24	1.00	-5.54	1.70	2.50	3.04	3.04	3.10	0.18	0.02	11
1308	☐	94	1.50	10.30	0.82	13.50	ceeds Capac	0 - 09:32 hrs	7.64	7.64	1.31	1.00	-3.20	3.35	1.50	4.01	4.01	4.20	4.21	3.92	12
1309	☐	940	2.25	18.85	0.37	30.42	ceeds Capac	0 - 10:17 hrs	7.65	7.65	1.61	1.00	-11.57	3.05	2.25	2.50	2.50	3.11	1.01	1.01	5
1310	☐	941	2.25	18.54	0.36	32.18	ceeds Capac	0 - 09:57 hrs	8.09	8.09	1.74	1.00	-13.64	2.66	2.25	2.01	2.01	2.50	0.86	0.86	4
1311	☐	942	2.00	27.56	1.48	38.62	ceeds Capac	0 - 10:02 hrs	12.29	12.29	1.40	1.00	-11.05	2.18	2.00	0.38	0.38	0.42	0.38	0.36	1
1312	☐	943	2.00	29.52	1.70	38.60	ceeds Capac	0 - 10:03 hrs	12.29	12.29	1.31	1.00	-9.08	2.19	2.00	0.35	0.35	0.38	0.34	0.33	1
1313	☐	945	2.00	23.72	1.10	24.63	ceeds Capac	0 - 10:07 hrs	7.84	7.84	1.04	1.00	-0.90	1.36	2.00	0.32	0.32	0.35	0.23	0.23	0
1314	☐	946	2.00	12.30	0.39	8.20	Backwater	0 - 09:47 hrs	2.61	4.15	0.67	1.00	4.10	0.83	2.00	1.42	1.42	1.60	0.00	0.00	4
1315	☐	948	2.00	11.52	0.26	13.63	ceeds Capac	0 - 11:03 hrs	4.47	4.97	1.18	1.00	-2.12	3.26	2.00	1.30	1.34	1.30	2.60	0.41	3
1316	☐	949	2.00	3.10	0.02	13.55	ceeds Capac	0 - 09:32 hrs	4.38	4.38	4.38	1.00	-10.45	3.29	2.00	1.34	2.90	1.34	15.38	1.29	6
1317	☐	95	1.50	10.70	0.88	13.50	ceeds Capac	0 - 12:10 hrs	7.64	7.64	1.26	1.00	-2.79	3.35	1.50	3.97	3.97	4.01	3.06	3.12	12
1318	☐	950	2.00	10.70	0.22	25.34	ceeds Capac	0 - 09:47 hrs	8.07	8.07	2.37	1.00	-14.64	3.41	2.00	1.49	2.00	1.49	2.88	1.25	4
1319	☐	951	2.00	24.42	1.16	25.33	ceeds Capac	0 - 09:47 hrs	8.06	8.06	1.04	1.00	-0.91	3.64	2.00	1.43	1.43	2.00	0.03	0.03	2
1320	☐	952	2.00	21.69	0.92	21.23	Backwater	0 - 09:57 hrs	6.76	7.55	0.98	1.00	0.45	2.85	2.00	1.33	1.33	1.40	0.00	0.00	5
1321	☐	953	2.00	21.86	0.93	21.23	Backwater	0 - 09:59 hrs	6.76	7.80	0.97	1.00	0.63	2.85	2.00	1.23	1.23	1.29	0.00	0.00	4
1322	☐	955	2.00	21.66	0.92	21.23	Backwater	0 - 09:59 hrs	6.76	7.81	0.98	1.00	0.44	2.85	2.00	1.17	1.17	1.21	0.00	0.02	5
1323	☐	956	1.50	11.13	0.96	14.17	ceeds Capac	0 - 09:59 hrs	8.02	8.02	1.27	1.00	-3.04	0.54	1.50	0.66	0.66	1.19	0.19	0.19	2

FUTURE CONDITIONS 20-YR 24-HR CLIMATE CHANGE CONDUITS

		ID	Full Depth (ft)	Full Flow (cfs)	Percent Slope (%)	Maximum Flow (cfs)	Maximum Flow Class	Max.Flow Day-Time (day-time)	Velocity at Maximum Flow (ft/s)	Maximum Velocity (ft/s)	Max.Flow/Fu ll Flow	Max.Depth/F ull Depth	Reserve Capacity (cfs)	Total Flow Volume (MG)	Maximum Top Width (ft)	Both End Surcharge Time (hrs)	Upstream Surcharge Time (hrs)	Downstream Surcharge Time (hrs)	Above Full-Flow Time (hrs)	Capacity Limited Time (hrs)	Instability Index
1324	☐	957	1.75	5.29	0.15	16.19	ceeds Capac	0 - 09:48 hrs	6.77	6.81	3.06	1.00	-10.91	2.32	1.75	0.94	3.27	0.94	4.57	0.94	7
1325	☐	958	2.50	60.69	2.19	36.26	Backwater	0 - 10:40 hrs	7.39	7.39	0.60	1.00	24.43	6.85	2.50	3.23	3.23	5.02	0.00	0.00	10
1326	☐	959	2.50	23.76	0.34	40.16	ceeds Capac	0 - 09:59 hrs	8.18	8.18	1.69	1.00	-16.41	7.18	2.50	3.22	3.35	3.23	3.66	3.22	13
1327	☐	96	1.50	10.67	0.88	13.50	ceeds Capac	0 - 11:19 hrs	7.64	7.64	1.26	1.00	-2.83	3.34	1.50	3.86	3.86	3.97	3.08	3.17	13
1328	☐	960	2.50	23.28	0.32	40.16	ceeds Capac	0 - 09:59 hrs	8.18	8.18	1.72	1.00	-16.87	7.18	2.50	3.35	3.43	3.35	3.74	3.35	14
1329	☐	961	2.50	23.50	0.33	40.15	ceeds Capac	0 - 09:59 hrs	8.18	8.18	1.71	1.00	-16.65	7.19	2.50	3.43	3.46	3.43	3.71	3.26	17
1330	☐	962	2.50	23.29	0.32	31.75	ceeds Capac	0 - 11:38 hrs	6.47	6.47	1.36	1.00	-8.46	5.67	2.50	3.41	3.41	3.46	2.51	2.51	14
1331	☐	963	2.50	23.21	0.32	31.74	ceeds Capac	0 - 11:45 hrs	6.47	6.47	1.37	1.00	-8.53	5.67	2.50	3.39	3.39	3.41	2.58	2.49	13
1332	☐	964	2.50	27.64	0.45	37.40	ceeds Capac	0 - 10:40 hrs	7.62	7.62	1.35	1.00	-9.76	6.28	2.50	3.27	3.27	3.38	2.49	2.49	15
1333	☐	965	2.50	21.21	0.27	37.41	ceeds Capac	0 - 10:49 hrs	7.62	7.62	1.76	1.00	-16.20	6.28	2.50	3.22	3.25	3.22	3.38	3.19	14
1334	☐	966	2.50	22.21	0.29	37.45	ceeds Capac	0 - 10:34 hrs	7.63	7.63	1.69	1.00	-15.24	6.28	2.50	3.23	3.23	3.23	3.32	2.87	16
1335	☐	967	3.00	79.91	1.44	57.50	Backwater	0 - 09:56 hrs	9.35	12.05	0.72	1.00	22.40	4.84	3.00	0.29	0.29	0.34	0.00	0.00	0
1336	☐	968	2.50	23.39	0.33	37.44	ceeds Capac	0 - 10:04 hrs	7.63	7.63	1.60	1.00	-14.05	6.28	2.50	3.21	3.21	3.21	3.05	2.76	15
1337	☐	969	3.00	64.95	0.95	63.48	Backwater	0 - 09:59 hrs	8.98	8.98	0.98	1.00	1.46	5.29	3.00	2.08	2.08	2.79	0.00	0.00	5
1338	☐	97	1.50	11.10	0.95	13.49	ceeds Capac	0 - 12:18 hrs	7.64	7.64	1.22	1.00	-2.39	3.35	1.50	3.63	3.63	3.74	2.82	2.74	12
1339	☐	970	3.00	64.44	0.93	63.48	Backwater	0 - 09:59 hrs	8.98	8.98	0.99	1.00	0.96	5.29	3.00	1.26	1.26	2.08	0.00	0.01	4
1340	☐	971	3.00	64.42	0.93	63.49	Backwater	0 - 09:59 hrs	8.98	8.98	0.99	1.00	0.93	5.28	3.00	0.56	0.56	1.26	0.00	0.01	1
1341	☐	972	3.00	64.46	0.93	56.12	Backwater	0 - 10:10 hrs	7.94	9.21	0.87	1.00	8.34	4.84	3.00	0.39	0.39	0.56	0.00	0.00	1
1342	☐	973	4.00	56.80	0.16	41.83	Backwater	0 - 00:03 hrs	3.33	6.00	0.74	1.00	14.98	1.28	3.98	23.94	23.94	23.94	0.00	2.49	85
1343	☐	974	5.00	95.60	0.13	111.21	ceeds Capac	0 - 10:29 hrs	5.66	5.66	1.16	1.00	-15.60	16.25	4.97	2.57	2.57	2.95	1.02	0.98	11
1344	☐	975	5.00	176.59	0.46	189.75	ceeds Capac	0 - 10:03 hrs	9.66	9.66	1.07	1.00	-13.16	17.09	5.00	1.97	1.97	2.47	0.16	0.15	10
1345	☐	976	3.50	55.62	0.31	50.63	Backwater	0 - 09:59 hrs	5.26	5.26	0.91	1.00	4.98	2.00	3.50	0.15	0.15	0.17	0.00	0.01	0
1346	☐	977	3.50	33.76	0.11	48.88	Backwater	0 - 09:59 hrs	5.08	5.08	1.45	1.00	-15.12	2.28	3.50	0.22	0.22	0.38	0.29	0.00	0
1347	☐	978	2.00	20.03	0.78	23.41	ceeds Capac	0 - 09:55 hrs	7.45	7.45	1.17	1.00	-3.38	1.44	2.00	0.37	0.37	0.39	0.11	0.11	0
1348	☐	979	3.75	101.61	0.71	95.60	Backwater	0 - 09:59 hrs	8.66	8.66	0.94	1.00	6.01	5.92	3.75	0.84	0.84	20.60	0.00	0.02	11
1349	☐	980	2.50	50.40	1.51	24.08	Backwater	0 - 10:04 hrs	4.91	8.97	0.48	1.00	26.32	1.16	2.50	0.88	0.88	0.98	0.00	0.01	3
1350	☐	981	2.50	28.35	0.48	24.14	Backwater	0 - 10:04 hrs	4.92	6.09	0.85	1.00	4.21	1.16	2.50	1.04	1.04	1.07	0.00	0.07	4
1351	☐	982	4.50	194.49	0.98	262.50	ceeds Capac	0 - 09:53 hrs	16.57	16.57	1.35	1.00	-68.01	39.72	4.50	1.49	1.55	1.49	1.57	1.49	7
1352	☐	983	2.50	14.73	0.13	20.40	Free Surface	0 - 10:03 hrs	4.80	4.80	1.39	0.81	-5.67	0.91	2.50	0.00	0.05	0.00	0.23	0.00	0
1353	☐	985	2.50	28.85	0.49	20.28	Free Surface	0 - 10:04 hrs	5.82	5.87	0.70	0.67	8.56	0.92	2.50	0.00	0.00	0.00	0.00	0.00	0
1354	☐	989	2.75	50.67	0.92	46.85	Backwater	0 - 09:59 hrs	7.89	7.89	0.92	1.00	3.82	0.48	2.73	1.28	1.28	2.31	0.00	0.00	8
1355	☐	99	4.50	204.78	1.08	230.24	ceeds Capac	0 - 09:56 hrs	14.48	14.48	1.12	1.00	-25.46	39.83	4.48	1.52	1.52	23.79	1.53	1.48	5
1356	☐	990	2.75	29.92	0.32	46.85	Backwater	0 - 09:59 hrs	7.89	7.89	1.57	1.00	-16.92	0.48	2.72	2.31	2.31	2.78	0.29	0.29	7
1357	☐	991	2.25	18.28	0.46	2.34	Backwater	0 - 09:42 hrs	0.64	0.97	0.13	1.00	15.94	0.00	2.25	0.13	0.13	1.09	0.00	0.00	0
1358	☐	992	2.75	30.92	0.46	46.86	Backwater	0 - 09:59 hrs	7.89	7.89	1.52	1.00	-15.94	0.47	2.75	0.93	0.93	1.28	0.28	0.00	4
1359	☐	993	3.50	28.05	0.08	42.51	ceeds Capac	0 - 10:59 hrs	4.42	5.14	1.52	1.00	-14.46	8.87	3.50	4.79	4.81	5.05	3.38	2.80	15
1360	☐	994	3.50	53.46	0.28	78.10	ceeds Capac	0 - 09:59 hrs	8.12	8.12	1.46	1.00	-24.64	10.18	3.50	3.95	3.95	4.81	0.77	0.78	15
1361	☐	995	2.75	22.88	0.19	26.21	ceeds Capac	0 - 10:12 hrs	4.41	4.41	1.15	1.00	-3.33	3.38	2.75	6.58	6.58	12.54	0.79	0.79	38
1362	☐	996	2.75	42.09	0.63	30.40	Backwater	0 - 10:06 hrs	5.12	5.12	0.72	1.00	11.69	3.41	2.75	2.79	2.79	6.58	0.00	0.00	19
1363	☐	997	3.50	68.80	0.47	37.10	Backwater	0 - 09:45 hrs	3.86	3.86	0.54	1.00	31.69	7.15	3.50	14.18	14.18	15.61	0.00	0.00	51
1364	☐	998	2.00	19.92	0.78	13.86	Backwater	0 - 09:37 hrs	4.41	5.30	0.70	1.00	6.06	3.23	2.00	4.20	4.20	4.70	0.00	0.06	19
1365	☐	999	3.50	48.01	0.23	34.02	Backwater	0 - 10:12 hrs	3.54	3.54	0.71	1.00	13.99	6.46	3.50	5.88	5.88	8.85	0.00	0.01	35
1366	☐	CDT_13	4.00	254.25	3.13	213.72	Backwater	0 - 00:01 hrs	17.91	17.91	0.84	1.00	40.53	3.42	1.57	23.98	23.98	23.99	0.00	0.01	62
1367	☐	CDT_15	2.50	11.95	0.08	12.06	ceeds Capac	0 - 09:38 hrs	2.46	2.46	1.01	1.00	-0.10	1.94	2.50	18.45	18.45	19.55	0.04	0.09	51
1368	☐	CDT_17	4.50	88.03	0.20	198.88	ceeds Capac	0 - 00:00 hrs	12.56	14.73	2.26	1.00	-110.86	8.77	1.76	23.98	23.98	23.99	0.27	0.20	84
1369	☐	CDT_19	4.50	74.23	0.14	263.36	ceeds Capac	0 - 00:00 hrs	16.98	16.98	3.55	1.00	-189.13	8.77	1.76	23.99	23.99	24.00	0.47	0.40	87
1370	☐	CDT_21	1.75	15.61	1.29	5.76	Free Surface	0 - 10:56 hrs	3.15	3.15	0.37	0.71	9.85	2.71	1.70	0.00	0.00	24.00	0.00	0.00	0
1371	☐	CDT_23	4.50	19.66	0.01	90.50	Free Surface	0 - 10:06 hrs	9.42	10.13	4.60	0.64	-70.83	2.87	4.50	0.00	0.00	0.00	1.75	0.00	7
1372	☐	CDT_25	6.50	386.70	0.54	432.12	Free Surface	0 - 10:00 hrs	13.49	13.49	1.12	0.92	-45.42	69.26	6.50	0.00	0.25	0.00	0.78	0.00	0

FUTURE CONDITIONS 20-YR 24-HR CLIMATE CHANGE CONDUITS

		ID	Full Depth (ft)	Full Flow (cfs)	Percent Slope (%)	Maximum Flow (cfs)	Maximum Flow Class	Max.Flow Day-Time (day-time)	Velocity at Maximum Flow (ft/s)	Maximum Velocity (ft/s)	Max.Flow/Fu ll Flow	Max.Depth/F ull Depth	Reserve Capacity (cfs)	Total Flow Volume (MG)	Maximum Top Width (ft)	Both End Surcharge Time (hrs)	Upstream Surcharge Time (hrs)	Downstream Surcharge Time (hrs)	Above Full-Flow Time (hrs)	Capacity Limited Time (hrs)	Instability Index
1373	☐	CDT_27	6.50	528.52	1.02	303.66	Free Surface	0 - 10:06 hrs	9.99	10.59	0.57	0.86	224.85	26.90	6.50	0.00	0.00	0.74	0.00	0.00	0
1374	☐	CDT_29	6.00	362.31	0.73	273.02	Free Surface	0 - 10:04 hrs	6.33	6.33	0.38	0.71	89.30	23.96	6.00	0.00	0.00	14.16	0.00	0.00	0
1375	☐	CDT_31	3.00	29.64	0.20	58.13	ceeds Capac	0 - 10:08 hrs	8.22	8.22	1.96	1.00	-28.49	4.48	3.00	1.41	1.44	1.42	1.47	1.35	5
1376	☐	CDT_33	3.00	42.15	0.40	58.14	ceeds Capac	0 - 10:08 hrs	8.23	8.23	1.38	1.00	-15.99	4.48	3.00	1.41	1.41	1.44	0.53	0.57	5
1377	☐	CDT_35	8.00	9,581.12	110.35	12.40	Free Surface	0 - 09:37 hrs	0.43	0.43	0.00	0.69	9,568.72	1.51	8.00	0.00	0.00	14.54	0.00	0.00	50
1378	☐	CDT_37	1.25	3.72	0.44	6.23	ceeds Capac	0 - 09:38 hrs	5.08	5.08	1.67	1.00	-2.51	1.16	1.25	3.36	3.36	3.77	3.26	3.21	10
1379	☐	WG_DI_COND_01	5.00	2,736.86	65.34	27.72	Backwater	0 - 09:49 hrs	2.00	2.77	0.01	1.00	2,709.14	3.34	5.00	0.67	0.67	3.18	0.00	0.00	3
1380	☐	WG_DI_COND_02	5.00	2,015.45	35.43	17.97	Backwater	0 - 08:53 hrs	4.61	4.61	0.01	1.00	1,997.48	6.89	5.00	1.11	5.72	1.11	0.00	0.00	0
1381	☐	WG_DI_COND_03	5.00	2,373.32	49.14	63.58	Free Surface	0 - 09:47 hrs	9.78	9.78	0.03	0.93	2,309.74	12.61	5.00	0.00	1.68	0.00	0.00	0.00	0
1382	☐	WG_DI_COND_04	5.00	2,673.17	62.34	12.00	Backwater	0 - 09:52 hrs	3.45	3.47	0.00	1.00	2,661.17	1.06	5.00	0.15	0.15	1.06	0.00	0.00	0
1383	☐	WG_DI_COND_05	5.00	2,726.16	64.83	108.00	Backwater	0 - 09:52 hrs	12.82	12.94	0.04	1.00	2,618.16	11.22	5.00	0.44	0.44	1.18	0.00	0.00	1
1384	☐	WG_DI_COND_06	3.50	429.07	10.76	26.35	Backwater	0 - 09:52 hrs	9.09	9.16	0.06	1.00	402.72	2.39	3.50	0.60	0.60	0.92	0.00	0.18	0