

Table C-1. Existing Conditions Peak Water Surface Elevations (Scenario 1)

Vertical Datum: NAVD 1988

This modeling was completed using SWMM Version 5, with Nodal Ponding enabled.

Blue Shaded Numbers indicate locations where the maximum computed water surface meets or exceeds the ground elevation for that node. Blue shaded numbers are 'approximate' (as are other maximum computed elevations nearby).

Junction Number	Ground Elevation (ft)	Maximum Computed Water Surface Elevation					
		2-Yr (ft)	5-Yr (ft)	10-Yr (ft)	25-Yr (ft)	50-Yr (ft)	100-Yr (ft)
101	18.00	14.85	15.00	15.25	15.71	16.10	16.53
101	16.00	13.67	15.25	16.01	16.04	16.12	16.22
102	17.73	13.01	14.34	15.04	15.64	16.22	16.57
103	18.28	13.04	14.34	15.05	15.59	16.09	16.28
108	16.50	13.39	14.40	15.26	16.23	16.51	16.54
110	16.50	12.99	14.31	15.01	15.59	16.16	16.34
112	18.50	14.59	18.36	18.52	18.54	18.58	18.62
116	17.78	13.11	14.82	15.51	16.00	16.46	16.64
118	16.60	12.97	14.30	14.99	15.56	16.10	16.31
120	16.50	12.93	14.17	14.82	15.37	15.93	16.11
123	16.00	12.89	14.13	14.79	15.35	15.91	16.08
126	17.53	12.45	13.78	14.52	15.08	15.68	15.88
128	19.13	14.35	14.64	14.79	14.94	15.11	15.27
131	14.13	11.78	13.13	13.77	13.98	14.25	14.44
133	14.13	11.64	13.03	13.69	13.91	14.20	14.41
134	13.63	11.61	12.97	13.61	13.84	14.16	14.37
136	16.13	12.57	13.27	13.73	14.17	14.59	14.96
138	15.33	12.53	13.25	13.71	14.15	14.55	14.91
140	16.13	12.52	13.24	13.70	14.15	14.54	14.89
141	16.13	12.25	12.86	13.46	13.73	13.85	14.00
143	16.63	12.68	13.08	13.55	13.87	14.16	14.44
145	17.27	11.41	12.79	13.43	13.64	13.69	13.74
146	14.67	11.49	13.51	14.67	14.69	14.71	14.73
147	14.83	11.25	12.73	13.41	13.58	13.58	13.58
148	14.13	11.14	12.66	13.36	13.59	13.60	13.59
149	14.13	11.09	12.50	13.15	13.42	13.45	13.45
150	13.99	10.68	11.96	12.49	12.86	13.01	13.07
151	13.00	10.49	11.72	12.15	12.58	12.77	12.86
153	18.00	18.01	18.04	18.03	18.10	18.14	18.19
154	18.80	16.12	17.01	17.34	18.01	18.17	18.20
156	18.10	16.10	16.98	17.33	18.00	18.11	18.13
158	18.30	16.02	16.48	16.68	16.98	17.32	17.58
159	19.80	16.00	16.45	16.64	16.92	17.18	17.45
160	19.80	15.93	16.37	16.56	16.85	17.10	17.38
162	18.07	14.90	15.41	15.79	16.82	17.98	18.08
163	19.78	14.26	14.70	14.96	15.30	15.81	16.28
164	18.50	13.76	14.33	14.72	15.22	15.77	16.22
166	18.00	13.48	14.26	14.69	15.18	15.72	16.16
169	19.20	13.59	14.43	14.91	15.47	16.10	16.66

Table C-1. Existing Conditions Peak Water Surface Elevations (Scenario 1)

Vertical Datum: NAVD 1988

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Blue Shaded Numbers indicate locations where the maximum computed water surface meets or exceeds the ground elevation for that node. Blue shaded numbers are 'approximate' (as are other maximum computed elevations nearby).

Junction Number	Ground Elevation (ft)	Maximum Computed Water Surface Elevation					
		2-Yr (ft)	5-Yr (ft)	10-Yr (ft)	25-Yr (ft)	50-Yr (ft)	100-Yr (ft)
171	19.00	13.46	14.22	14.63	15.11	15.64	16.06
173	18.00	13.38	14.01	14.36	14.75	15.20	15.52
176	16.10	13.37	14.00	14.35	14.73	15.17	15.49
178	18.00	13.69	15.47	16.64	18.00	18.02	18.03
180	17.50	13.36	14.62	15.42	16.37	16.72	16.81
183	16.80	13.35	14.53	15.31	16.27	16.81	16.83
185	19.50	13.35	14.30	14.97	15.79	16.27	16.40
187	16.50	13.35	14.10	14.68	15.39	15.87	16.05
189	14.90	13.35	13.93	14.25	14.59	15.00	15.28
193	19.10	15.40	16.29	16.77	17.30	17.92	18.26
196	18.07	15.33	16.27	16.81	17.39	17.98	18.07
197	18.06	16.95	16.95	16.95	17.41	17.98	18.07
198	18.00	15.32	16.29	16.84	17.44	18.01	18.07
200	18.00	15.20	16.21	16.74	17.32	18.00	18.03
203	18.00	15.19	16.20	16.73	17.32	18.00	18.02
205	18.00	15.15	16.09	16.56	17.08	17.55	17.86
207	18.00	15.14	16.08	16.55	17.07	17.54	17.84
208	18.00	15.12	16.06	16.54	17.07	17.57	17.89
210	18.00	15.12	16.05	16.52	17.04	17.51	17.80
212	18.00	15.08	16.00	16.46	16.97	17.44	17.75
213	18.00	15.07	15.95	16.38	16.88	17.27	17.56
216	18.00	15.04	15.91	16.34	16.85	17.24	17.52
218	17.50	15.03	15.87	16.29	16.77	17.10	17.33
219	18.00	14.30	15.46	15.94	16.41	16.51	16.64
220	16.70	15.33	16.72	16.76	16.83	16.91	16.96
222	17.25	15.31	16.88	17.03	17.14	17.18	17.18
224	18.05	16.01	16.78	17.19	17.51	17.72	17.91
225	18.05	15.92	16.83	17.21	17.50	17.70	17.90
226	18.34	15.95	17.23	17.34	17.45	17.54	17.62
230	18.37	15.92	17.30	17.36	17.44	17.53	17.59
231	17.38	15.97	17.39	17.42	17.46	17.50	17.54
232	16.89	15.22	16.72	16.89	16.91	16.95	16.99
234	17.90	14.95	16.38	16.73	17.00	17.10	17.21
236	17.50	14.38	15.57	16.06	16.51	16.59	16.68
237	16.40	14.29	15.46	15.93	16.40	16.50	16.63
239	16.00	14.09	14.98	15.31	15.64	15.77	15.89
242	15.40	12.94	13.89	14.26	14.63	14.87	15.08
243	15.80	12.93	13.87	14.22	14.57	14.78	14.94
247	18.00	12.98	13.89	14.74	16.05	17.71	18.01

Table C-1. Existing Conditions Peak Water Surface Elevations (Scenario 1)

Vertical Datum: NAVD 1988

This modeling was completed using SWMM Version 5, with Nodal Ponding enabled.

Blue Shaded Numbers indicate locations where the maximum computed water surface meets or exceeds the ground elevation for that node. Blue shaded numbers are 'approximate' (as are other maximum computed elevations nearby).

Junction Number	Ground Elevation (ft)	Maximum Computed Water Surface Elevation					
		2-Yr (ft)	5-Yr (ft)	10-Yr (ft)	25-Yr (ft)	50-Yr (ft)	100-Yr (ft)
249	18.00	12.46	13.09	13.48	14.17	15.01	16.61
251	15.40	12.28	12.68	12.91	13.18	13.49	13.78
253	15.10	11.87	12.85	13.20	13.58	13.84	14.00
255	14.00	10.97	12.03	12.39	12.83	13.15	13.30
257	19.00	12.32	12.81	13.08	13.41	13.80	14.17
259	16.00	12.32	12.80	13.08	13.40	13.77	14.14
261	17.00	11.88	12.37	12.66	13.00	13.31	13.59
262	14.00	10.68	11.39	11.92	12.24	12.71	13.08
263	16.00	11.46	11.95	12.31	12.63	12.87	13.08
264	16.00	11.14	11.71	12.13	12.46	12.67	12.87
265	14.00	10.98	11.61	12.06	12.38	12.60	12.78
266	14.30	10.92	11.57	12.04	12.36	12.57	12.75
267	14.00	10.67	11.48	12.00	12.33	12.55	12.73
268	13.40	10.51	11.38	11.90	12.23	12.42	12.58
269	13.40	10.34	11.35	11.88	12.20	12.38	12.54
270	13.00	10.20	11.31	11.86	12.19	12.37	12.53
271	13.00	10.20	11.31	11.85	12.18	12.36	12.52
272	12.10	10.14	11.28	11.83	12.17	12.35	12.51
273	12.00	10.14	11.26	11.82	12.15	12.33	12.49
274	12.00	10.12	11.25	11.81	12.15	12.33	12.49
276	12.50	10.10	11.21	11.75	12.24	12.57	12.74
278	12.99	10.09	11.19	11.73	12.21	12.55	12.72
280	11.00	9.80	10.87	11.44	11.96	12.26	12.42
282	10.50	9.07	10.11	10.33	10.36	10.39	10.42
285	16.00	14.14	15.24	15.99	16.02	16.05	16.08
288	15.20	14.13	14.75	15.08	15.28	15.43	15.57
289	15.20	9.53	10.71	11.77	12.30	12.61	12.91
290	11.00	8.61	9.68	9.89	9.93	9.96	10.00
292	17.90	15.63	16.23	16.60	17.15	17.83	17.95
293	17.90	11.96	15.32	16.50	17.11	17.79	17.92
295	20.15	11.72	12.95	13.71	14.61	15.57	16.39
298	20.46	11.72	12.95	13.70	14.60	15.55	16.38
300	16.87	13.11	13.86	14.30	14.88	15.86	16.87
302	17.52	13.08	13.82	14.25	14.80	15.76	16.76
303	18.00	12.58	13.25	13.70	14.59	15.55	16.37
304	19.00	14.75	15.40	15.91	17.02	18.52	19.01
306	19.00	12.23	12.96	13.70	14.59	15.55	16.37
307	17.50	12.95	13.65	14.34	15.43	16.80	17.50
308	17.50	11.74	12.95	13.70	14.59	15.55	16.37

Table C-1. Existing Conditions Peak Water Surface Elevations (Scenario 1)

Vertical Datum: NAVD 1988

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Junction Number	Ground Elevation (ft)	Maximum Computed Water Surface Elevation					
		2-Yr (ft)	5-Yr (ft)	10-Yr (ft)	25-Yr (ft)	50-Yr (ft)	100-Yr (ft)
311	18.00	11.72	12.95	13.70	14.59	15.55	16.37
312	18.00	11.36	12.03	12.52	13.41	14.28	15.48
313	19.31	11.32	11.93	12.39	13.28	14.14	15.30
314	20.80	11.03	11.34	11.81	12.50	13.25	14.26
315	18.00	9.77	10.98	11.59	12.61	13.88	15.28
317	16.00	8.25	8.99	9.55	10.07	10.66	11.21
319	17.79	7.61	8.54	9.02	9.49	9.96	10.39
321	10.00	6.51	7.39	7.68	7.84	7.94	8.03
323	17.73	14.84	15.91	16.46	17.03	17.70	17.77
324	18.03	14.84	15.91	16.46	17.02	17.58	17.77
325	17.73	14.84	15.91	16.45	17.01	17.56	17.76
326	18.03	14.84	15.90	16.45	17.00	17.55	17.77
328	18.40	14.84	15.92	16.60	17.63	18.40	18.41
330	18.30	14.84	15.90	16.45	17.00	17.55	17.81
331	18.30	14.14	14.76	15.12	15.57	16.26	16.87
332	18.20	14.13	14.75	15.11	15.56	16.23	16.82
333	17.80	13.77	14.41	14.75	15.09	15.43	15.73
334	18.00	13.53	14.27	14.62	14.98	15.33	15.64
335	18.00	13.44	14.15	14.46	14.72	14.93	15.11
336	18.00	13.41	14.12	14.42	14.68	14.88	15.05
338	18.00	13.58	14.49	14.93	15.40	15.88	16.32
340	18.00	13.42	14.11	14.41	14.67	14.86	15.02
343	17.95	14.34	16.78	17.95	17.97	18.00	18.03
344	17.04	13.57	14.97	16.48	16.63	16.35	16.37
345	17.17	13.40	14.08	14.37	14.60	14.77	14.90
348	19.03	13.79	14.77	15.31	15.91	16.58	17.16
353	16.33	13.24	13.95	14.23	14.47	14.64	14.78
354	16.73	13.24	13.94	14.22	14.46	14.62	14.76
356	14.70	12.07	13.15	13.35	13.64	13.86	14.05
357	12.00	11.92	12.85	12.94	13.10	13.29	13.40
360	9.00	6.03	7.01	7.36	7.56	7.69	7.81
362	8.00	5.14	6.11	6.60	6.92	7.13	7.30
364	6.00	4.86	5.84	6.32	6.66	6.87	7.06
366	17.61	14.95	17.61	17.63	17.64	17.69	17.72
368	19.01	13.32	16.04	17.46	17.74	19.01	19.02
370	15.42	11.76	13.31	14.93	15.42	15.44	15.46
371	17.19	11.54	13.17	14.56	15.16	15.88	15.91
374	15.51	10.45	11.71	12.84	12.38	14.01	14.26
376	10.85	7.17	7.35	7.46	8.37	8.51	9.11

Table C-1. Existing Conditions Peak Water Surface Elevations (Scenario 1)

Vertical Datum: NAVD 1988

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Junction Number	Ground Elevation (ft)	Maximum Computed Water Surface Elevation					
		2-Yr (ft)	5-Yr (ft)	10-Yr (ft)	25-Yr (ft)	50-Yr (ft)	100-Yr (ft)
377	10.80	6.75	6.95	7.13	8.36	8.51	9.10
379	9.80	5.48	6.47	7.13	8.36	8.51	9.10
381	6.42	4.81	5.73	6.17	6.49	6.70	6.89
383	12.86	10.72	12.88	12.92	12.99	13.08	13.18
385	11.32	8.63	9.10	9.89	10.14	10.20	10.24
386	9.80	7.38	8.74	9.57	9.84	9.90	9.94
387	9.80	7.35	8.69	9.49	9.77	9.82	9.86
389	9.80	4.74	5.66	6.09	6.42	6.62	6.80
391	7.40	6.28	6.62	6.79	6.98	7.19	7.40
394	7.40	4.56	5.48	5.92	6.27	6.49	6.69
395	7.40	4.55	5.47	5.91	6.26	6.48	6.68
397	7.40	4.54	5.46	5.90	6.26	6.48	6.67
398	9.20	4.54	5.46	5.90	6.26	6.48	6.67
400	5.00	4.37	5.09	5.42	5.71	5.90	6.06
403	7.80	7.85	7.92	7.97	8.02	8.07	8.13
404	7.80	5.31	5.34	5.38	5.65	6.00	6.14
406	6.00	4.26	4.95	5.26	5.54	5.94	6.01
408	6.00	4.24	4.94	5.25	5.53	5.71	5.85
409	6.00	4.23	4.93	5.25	5.53	5.70	5.85
411	5.00	4.23	4.93	5.24	5.52	5.70	5.85
415	4.00	4.10	4.65	4.89	5.12	5.25	5.36
417	4.00	3.66	3.70	3.72	3.74	3.77	3.79
418	4.00	3.67	3.70	3.72	3.74	3.77	3.79
419	4.00	3.66	3.70	3.72	3.74	3.76	3.79
421	4.00	3.66	3.69	3.71	3.73	3.76	3.78
423	7.00	3.66	3.69	3.70	3.72	3.75	3.77
424	7.00	3.65	3.68	3.70	3.72	3.74	3.76
434	12.50	12.53	12.58	12.60	12.63	12.66	12.69
435	12.50	12.50	12.52	12.54	12.56	12.59	12.61
437	10.00	7.26	7.31	7.33	7.35	7.37	7.37
439	6.00	4.52	4.60	4.65	4.71	4.77	4.80
441	5.00	3.74	3.82	3.87	3.93	4.00	4.03
442	4.00	3.72	3.80	3.85	3.91	3.98	4.01
444	15.00	12.83	13.43	13.76	14.14	14.58	15.00
445	15.72	12.67	13.00	13.17	13.35	13.70	14.97
447	15.00	13.01	13.34	13.52	13.73	14.00	14.40
448	15.75	12.69	13.03	13.21	13.44	13.73	14.14
449	15.58	12.03	12.39	12.61	12.89	13.26	13.77
450	14.51	11.07	11.45	11.67	11.92	12.15	12.24

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Vertical Datum: NAVD 1988

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Junction Number	Ground Elevation (ft)	Maximum Computed Water Surface Elevation					
		2-Yr (ft)	5-Yr (ft)	10-Yr (ft)	25-Yr (ft)	50-Yr (ft)	100-Yr (ft)
452	9.50	4.85	5.57	5.91	6.25	6.56	6.77
454	4.50	3.71	3.79	3.84	3.90	3.97	4.03
455	4.50	3.70	3.78	3.83	3.89	3.96	4.02
461	7.96	5.14	5.67	6.04	7.96	7.97	7.98
463	7.50	3.68	3.72	3.75	3.78	3.83	3.86
465	6.00	3.67	3.72	3.75	3.78	3.82	3.85
467	4.00	3.64	3.66	3.68	3.69	3.71	3.72
468	5.00	3.64	3.65	3.67	3.68	3.69	3.70
469	18.50	18.02	18.52	18.54	18.57	18.60	18.63
471	19.10	18.54	19.11	19.12	19.14	19.16	19.17
472	18.80	18.19	18.73	18.78	18.80	18.80	18.80
474	18.00	17.22	17.58	17.75	17.94	18.01	18.02
476	16.78	16.79	16.85	16.90	16.94	17.00	17.05
478	16.50	16.35	16.51	16.51	16.52	16.54	16.55
480	15.15	11.99	12.33	12.36	12.38	12.43	12.45
482	13.29	11.57	13.29	13.30	13.31	13.32	13.33
484	12.12	10.11	10.35	10.36	10.37	10.45	10.48
485	12.12	7.77	7.90	7.96	8.00	8.02	8.05
488	6.00	3.64	3.67	3.68	3.69	3.71	3.73
492	7.97	4.90	5.40	5.66	6.01	6.71	7.32
493	7.00	4.40	4.75	4.90	5.05	5.20	5.32
494	5.60	3.75	3.85	3.91	3.97	4.05	4.11
496	6.00	3.63	3.65	3.66	3.68	3.69	3.70
498	6.00	3.63	3.65	3.66	3.67	3.68	3.70
499	6.00	3.63	3.64	3.65	3.66	3.67	3.68
500	20.25	15.88	19.61	20.25	20.26	20.27	20.28
501	19.46	15.23	18.68	19.11	19.12	19.15	19.16
502	18.58	15.11	18.58	18.59	18.61	18.63	18.65
504	15.00	10.20	10.20	10.20	10.20	10.20	10.20
508	6.30	3.75	3.88	3.96	4.05	4.14	4.22
509	6.00	3.63	3.65	3.66	3.67	3.68	3.70
510	6.00	3.63	3.65	3.66	3.67	3.68	3.69
512	19.13	16.99	17.59	17.97	18.20	18.45	18.67
513	19.13	16.99	17.59	17.96	18.16	18.27	18.39
514	18.13	16.99	17.62	18.04	18.17	18.21	18.25
515	18.13	16.99	17.59	17.96	18.13	18.15	18.16
517	18.13	16.98	17.34	17.40	17.47	17.46	17.45
519	18.63	16.25	17.13	17.39	17.46	17.45	17.44
521	18.63	14.90	15.68	15.94	15.99	16.03	16.04

Table C-1. Existing Conditions Peak Water Surface Elevations (Scenario 1)

Vertical Datum: NAVD 1988

This modeling was completed using SWMM Version 5, with Nodal Ponding enabled.

Blue Shaded Numbers indicate locations where the maximum computed water surface meets or exceeds the ground elevation for that node. Blue shaded numbers are 'approximate' (as are other maximum computed elevations nearby).

Junction Number	Ground Elevation (ft)	Maximum Computed Water Surface Elevation					
		2-Yr (ft)	5-Yr (ft)	10-Yr (ft)	25-Yr (ft)	50-Yr (ft)	100-Yr (ft)
523	17.50	15.91	16.36	16.61	16.90	17.21	17.50
524	17.50	15.68	15.92	16.07	16.25	16.44	16.62
526	18.50	14.75	15.47	15.70	15.75	15.79	15.81
528	17.00	13.75	14.30	14.55	14.81	15.07	15.29
529	16.00	12.58	13.06	13.30	13.56	13.87	14.17
531	19.00	16.01	16.52	16.79	17.10	17.44	17.76
532	19.20	16.00	16.51	16.78	17.08	17.42	17.74
534	17.73	14.79	15.21	15.41	15.61	15.76	15.81
535	17.50	14.47	14.75	14.90	14.96	15.29	15.47
537	15.50	11.20	11.91	12.17	12.50	13.16	13.48
539	16.80	14.10	16.80	16.81	16.84	16.86	16.89
542	17.97	11.70	12.68	12.86	13.09	13.63	13.81
544	17.97	11.14	11.82	12.04	12.31	12.97	13.16
545	14.00	11.09	11.76	11.98	12.25	12.91	13.09
547	13.00	10.19	10.91	11.18	11.67	12.54	12.68
549	12.11	9.18	10.02	10.38	11.36	12.20	12.30
550	12.10	9.08	9.90	10.27	11.21	12.10	12.16
552	15.00	12.15	13.99	15.00	15.06	15.12	15.17
553	15.66	12.15	13.98	15.00	15.05	15.12	15.17
554	15.00	12.14	13.98	14.99	15.05	15.12	15.17
556	15.25	12.13	13.95	14.96	15.16	15.20	15.24
558	15.25	12.11	14.39	15.26	15.29	15.35	15.39
560	17.00	12.07	14.47	15.71	16.10	16.69	17.00
561	16.75	11.58	13.63	14.61	15.19	15.91	16.59
562	17.25	9.73	10.70	11.50	12.60	14.02	15.06
565	16.70	10.08	10.77	11.48	12.63	14.19	15.47
566	15.64	10.02	10.72	11.43	12.59	14.15	15.38
568	16.00	9.70	10.55	11.29	12.45	13.97	15.07
570	17.00	9.59	10.46	11.24	12.39	13.88	14.93
572	17.71	10.24	10.78	11.73	13.11	15.10	16.87
573	18.12	8.80	9.76	10.42	11.67	13.06	13.73
575	17.73	8.77	9.71	10.37	11.62	12.96	13.55
577	12.00	8.28	9.11	9.77	11.00	12.00	12.03
579	8.00	6.99	7.72	8.00	8.00	8.00	8.01
581	6.50	6.17	6.61	6.74	6.88	7.06	7.11
583	5.00	4.17	4.27	4.30	4.33	4.36	4.37
585	4.00	3.64	3.66	3.67	3.68	3.69	3.70
587	4.00	3.63	3.64	3.65	3.66	3.67	3.68
589	5.00	3.63	3.64	3.65	3.66	3.67	3.67

Table C-1. Existing Conditions Peak Water Surface Elevations (Scenario 1)

Vertical Datum: NAVD 1988

This modeling was completed using SWMM Version 5, with Nodal Ponding enabled.

Blue Shaded Numbers indicate locations where the maximum computed water surface meets or exceeds the ground elevation for that node. Blue shaded numbers are 'approximate' (as are other maximum computed elevations nearby).

Junction Number	Ground Elevation (ft)	Maximum Computed Water Surface Elevation					
		2-Yr (ft)	5-Yr (ft)	10-Yr (ft)	25-Yr (ft)	50-Yr (ft)	100-Yr (ft)
591	10.13	5.28	6.07	6.81	7.41	8.17	8.96
592	5.63	4.47	5.40	5.63	5.64	5.66	5.67
593	5.63	4.44	5.33	5.57	5.58	5.59	5.60
594	5.46	4.39	5.19	5.46	5.47	5.48	5.49
596	5.60	4.29	4.97	5.21	5.22	5.23	5.23
600	6.10	6.10	6.14	6.16	6.19	6.25	6.29
601	6.10	6.11	6.19	6.24	6.30	6.40	6.47
604	5.50	4.37	5.50	5.50	5.51	5.52	5.53
608	6.40	3.89	4.13	4.19	4.20	4.22	4.24
612	6.26	3.83	4.07	4.25	4.46	4.79	5.19
613	6.07	3.74	3.91	4.04	4.19	4.38	4.59
614	5.60	3.65	3.69	3.72	3.76	3.79	3.83
616	5.00	3.64	3.67	3.69	3.71	3.73	3.76
618	6.00	3.75	3.91	3.95	3.98	4.01	4.04
620	5.00	3.69	3.78	3.82	3.86	3.89	3.93
622	5.00	3.64	3.67	3.69	3.71	3.73	3.75
624	6.00	3.64	3.67	3.69	3.70	3.73	3.75
626	4.00	3.64	3.66	3.67	3.69	3.73	3.72
627	3.60	3.64	3.66	3.67	3.69	3.71	3.72
629	3.60	3.63	3.66	3.67	3.68	3.70	3.72
633	4.00	3.62	3.64	3.65	3.65	3.66	3.67
639	15.70	11.98	12.98	14.17	15.70	15.71	15.73
640	15.30	10.98	11.51	12.56	13.66	13.69	13.70
642	10.80	7.35	9.60	10.54	10.81	10.82	10.83
643	9.30	6.59	7.56	8.16	8.35	8.40	8.45
645	5.80	5.64	5.86	5.90	5.96	6.08	6.18
646	5.60	5.22	5.65	5.76	5.88	6.02	6.12
648	5.92	4.90	5.56	5.71	5.89	5.99	6.07
651	10.00	7.46	8.05	8.57	9.19	9.76	9.95
652	9.72	7.08	7.90	8.50	9.22	9.61	9.70
653	9.50	6.57	7.85	9.50	9.50	9.50	9.51
655	9.50	5.99	7.79	8.89	9.50	9.51	9.51
656	9.50	5.95	7.76	8.89	9.51	9.54	9.57
657	10.00	5.96	7.82	8.99	10.00	10.00	10.01
658	10.00	5.92	7.74	8.87	9.60	9.66	9.68
660	10.00	5.51	7.05	7.99	8.83	8.95	9.00
662	8.50	5.32	6.75	7.63	8.50	8.52	8.55
664	8.00	5.07	6.16	6.82	7.57	7.78	7.96
667	6.00	4.87	5.53	5.72	5.92	6.04	6.10

Table C-1. Existing Conditions Peak Water Surface Elevations (Scenario 1)

Vertical Datum: NAVD 1988

This modeling was completed using SWMM Version 5, with Nodal Ponding enabled.

Blue Shaded Numbers indicate locations where the maximum computed water surface meets or exceeds the ground elevation for that node. Blue shaded numbers are 'approximate' (as are other maximum computed elevations nearby).

Junction Number	Ground Elevation (ft)	Maximum Computed Water Surface Elevation					
		2-Yr (ft)	5-Yr (ft)	10-Yr (ft)	25-Yr (ft)	50-Yr (ft)	100-Yr (ft)
669	6.00	5.73	6.01	6.03	6.05	6.09	6.13
671	6.50	4.91	5.46	5.70	5.94	6.10	6.20
672	6.50	4.64	5.24	5.44	5.60	5.77	5.91
673	6.95	4.48	5.10	5.34	5.53	5.69	5.82
674	5.40	4.36	4.98	5.25	5.47	5.63	5.77
675	6.50	4.33	5.02	5.59	6.30	6.50	6.51
676	6.00	4.33	4.94	5.25	5.77	5.88	5.90
677	5.50	4.33	4.94	5.21	5.50	5.60	5.74
678	5.00	4.33	4.94	5.21	5.44	5.60	5.74
683	6.00	6.01	6.05	6.07	6.10	6.14	6.19
685	4.00	4.33	4.93	5.20	5.43	5.59	5.72
688	4.00	3.62	3.63	3.64	3.65	3.66	3.66
690	4.00	3.62	3.63	3.63	3.64	3.65	3.65
694	4.00	3.62	3.62	3.63	3.63	3.64	3.64
697	5.53	4.50	5.53	5.54	5.55	5.56	5.58
698	5.90	4.37	5.28	5.34	5.40	5.46	5.52
700	5.71	4.16	4.89	5.05	5.19	5.35	5.48
702	6.16	3.70	3.83	3.85	3.88	3.91	3.94
704	4.30	3.84	4.19	4.30	4.31	4.32	4.32
705	5.00	3.62	3.63	3.64	3.65	3.66	3.66
706	3.60	3.62	3.63	3.64	3.64	3.65	3.66
708	4.00	3.62	3.63	3.63	3.64	3.65	3.66
709	4.00	3.62	3.63	3.63	3.64	3.65	3.66
711	4.00	3.61	3.62	3.63	3.63	3.64	3.64
714	6.00	6.02	6.05	6.07	6.11	6.16	6.20
718	6.00	6.01	6.03	6.05	6.08	6.11	6.14
719	6.00	6.00	6.00	6.00	6.01	6.04	6.07
720	6.00	5.88	5.90	5.88	5.89	5.92	5.95
722	5.00	5.01	5.04	5.06	5.08	5.11	5.15
724	4.90	3.86	3.88	3.89	3.89	3.91	3.92
725	4.90	3.82	3.83	3.84	3.85	3.86	3.87
728	3.60	3.64	3.65	3.66	3.66	3.67	3.68
730	4.76	4.76	4.77	4.77	4.78	4.79	4.80
732	5.54	4.39	4.51	4.49	4.45	4.48	4.53
734	3.60	3.67	3.67	3.68	3.68	3.69	3.70
736	3.60	3.62	3.62	3.63	3.63	3.64	3.64
738	4.00	3.61	3.62	3.62	3.63	3.63	3.64
739	3.60	3.61	3.62	3.62	3.62	3.63	3.63
741	3.60	3.61	3.62	3.62	3.62	3.62	3.63

Table C-1. Existing Conditions Peak Water Surface Elevations (Scenario 1)

Vertical Datum: NAVD 1988

This modeling was completed using SWMM Version 5, with Nodal Ponding enabled.

Blue Shaded Numbers indicate locations where the maximum computed water surface meets or exceeds the ground elevation for that node. Blue shaded numbers are 'approximate' (as are other maximum computed elevations nearby).

Junction Number	Ground Elevation (ft)	Maximum Computed Water Surface Elevation					
		2-Yr (ft)	5-Yr (ft)	10-Yr (ft)	25-Yr (ft)	50-Yr (ft)	100-Yr (ft)
743	4.00	3.61	3.61	3.62	3.62	3.62	3.63
746	7.63	3.97	4.22	4.35	4.52	4.71	4.91
748	5.50	3.95	4.13	4.19	4.28	4.40	4.52
750	7.63	3.97	4.16	4.26	4.37	4.50	4.63
751	4.73	3.94	4.10	4.16	4.24	4.33	4.42
754	5.53	3.93	4.08	4.13	4.20	4.29	4.37
755	5.13	3.91	4.05	4.09	4.14	4.20	4.26
757	8.00	4.30	5.16	5.73	6.52	7.58	8.00
758	4.00	3.90	4.03	4.06	4.11	4.16	4.22
759	4.00	3.90	4.03	4.06	4.11	4.16	4.22
762	6.00	4.20	4.72	5.14	6.00	6.01	6.02
763	8.13	3.97	4.25	4.42	4.72	4.87	5.09
765	7.23	3.89	4.01	4.04	4.08	4.13	4.18
767	7.56	3.93	4.28	4.65	5.01	5.53	7.32
769	6.00	3.81	3.95	3.98	4.02	4.05	4.09
773	5.00	3.67	3.74	3.77	3.81	3.86	3.91
774	5.00	3.64	3.68	3.70	3.71	3.74	3.77
776	4.00	3.78	4.00	4.02	4.04	4.07	4.10
777	4.86	3.62	3.64	3.64	3.64	3.64	3.65
778	4.75	3.61	3.62	3.62	3.62	3.62	3.62
783	6.00	3.60	3.60	3.60	3.60	3.60	3.61
803	19.20	16.28	18.11	19.20	19.21	19.23	19.25
807	20.99	15.50	16.66	16.87	17.71	18.29	18.69
809	18.94	15.40	16.41	16.75	17.18	17.41	17.64
811	17.90	15.79	17.90	17.90	17.90	17.93	17.95
813	19.67	15.39	16.37	16.73	17.18	17.38	17.60
815	19.94	15.35	16.26	16.53	16.87	17.29	17.54
818	18.30	15.34	16.24	16.49	16.79	17.27	17.53
821	17.00	15.35	16.12	16.31	16.45	16.63	16.81
823	16.14	15.31	16.05	16.16	16.22	16.30	16.36
825	16.23	15.22	15.88	16.10	16.23	16.25	16.28
827	16.70	15.22	15.87	16.09	16.25	16.42	16.55
828	17.50	15.22	15.87	16.09	16.25	16.43	16.57
831	18.00	15.21	15.86	16.07	16.25	16.45	16.59
833	17.20	14.70	15.20	15.38	15.57	15.78	15.94
835	19.00	16.43	16.73	16.90	17.09	17.31	17.53
836	19.00	16.00	16.04	16.05	16.05	16.11	16.29
838	17.70	14.34	15.06	15.35	15.57	15.82	16.01
840	17.00	14.29	14.94	15.16	15.33	15.52	15.66

Table C-1. Existing Conditions Peak Water Surface Elevations (Scenario 1)

Vertical Datum: NAVD 1988

This modeling was completed using SWMM Version 5, with Nodal Ponding enabled.

Blue Shaded Numbers indicate locations where the maximum computed water surface meets or exceeds the ground elevation for that node. Blue shaded numbers are 'approximate' (as are other maximum computed elevations nearby).

Junction Number	Ground Elevation (ft)	Maximum Computed Water Surface Elevation					
		2-Yr (ft)	5-Yr (ft)	10-Yr (ft)	25-Yr (ft)	50-Yr (ft)	100-Yr (ft)
841	17.00	13.22	14.14	14.41	14.61	14.84	15.00
842	12.50	12.46	12.83	13.07	13.25	13.52	13.71
850	16.81	13.90	16.81	16.84	16.88	16.93	16.99
853	18.02	13.16	15.52	16.17	16.56	16.86	17.07
856	15.00	12.46	13.24	13.43	13.54	13.78	13.96
860	15.50	12.45	12.82	13.04	13.26	13.52	13.71
862	14.00	12.44	12.81	13.03	13.21	13.49	13.67
864	14.00	10.55	10.95	11.13	11.30	11.56	11.80
868	13.79	10.64	11.21	11.58	12.12	12.75	13.46
870	13.00	10.33	10.86	11.19	11.54	11.85	12.27
872	13.68	10.29	10.79	11.05	11.38	11.68	12.11
874	13.68	10.29	10.76	10.96	11.17	11.40	11.60
877	14.00	10.10	10.62	10.82	11.05	11.29	11.48
879	14.00	10.08	10.60	10.80	11.02	11.25	11.44
881	13.00	9.60	10.14	10.34	10.53	10.72	10.87
882	13.00	9.54	10.04	10.21	10.37	10.51	10.61
893	17.80	16.66	17.28	17.63	17.81	17.84	17.87
894	17.80	15.54	16.55	17.22	17.59	17.66	17.72
895	17.74	15.43	16.27	16.89	17.29	17.42	17.52
896	17.70	15.35	16.18	16.77	17.18	17.33	17.44
897	17.00	14.78	15.39	15.78	16.13	16.45	16.71
898	16.88	14.76	15.36	15.75	16.10	16.41	16.65
899	15.50	13.46	13.89	14.38	14.47	14.56	14.64
900	13.97	12.45	13.97	13.99	13.99	14.05	14.11
901	13.32	11.09	11.62	12.08	12.21	12.71	13.05
902	13.98	10.61	11.08	11.54	11.98	12.58	12.98
903	13.56	9.83	10.74	11.22	11.86	12.59	13.03
905	13.96	9.83	10.73	11.22	11.86	12.56	12.93
907	14.53	10.62	11.33	12.06	12.85	13.72	14.42
909	12.91	9.83	10.73	11.22	11.86	12.56	12.91
915	13.20	9.81	10.70	11.17	11.79	12.46	12.83
920	13.00	7.04	7.38	7.53	7.67	7.83	7.98
921	15.50	12.04	12.62	12.94	13.29	13.73	14.27
922	14.10	10.51	11.31	11.84	12.48	13.22	13.91
925	14.77	11.55	12.01	12.33	12.81	13.71	14.77
927	15.19	10.51	11.31	11.84	12.48	13.22	13.91
928	15.13	10.51	11.30	11.84	12.48	13.22	13.91
930	14.39	10.51	11.31	11.84	12.48	13.22	13.91
931	15.14	10.51	11.30	11.83	12.48	13.22	13.90

Table C-1. Existing Conditions Peak Water Surface Elevations (Scenario 1)

Vertical Datum: NAVD 1988

This modeling was completed using SWMM Version 5, with Nodal Ponding enabled.

Blue Shaded Numbers indicate locations where the maximum computed water surface meets or exceeds the ground elevation for that node. Blue shaded numbers are 'approximate' (as are other maximum computed elevations nearby).

Junction Number	Ground Elevation (ft)	Maximum Computed Water Surface Elevation					
		2-Yr (ft)	5-Yr (ft)	10-Yr (ft)	25-Yr (ft)	50-Yr (ft)	100-Yr (ft)
932	15.38	10.51	11.31	11.84	12.48	13.22	13.91
933	15.80	10.51	11.30	11.83	12.47	13.21	13.90
935	15.70	8.58	10.83	11.27	11.98	12.71	13.31
938	15.81	9.88	10.85	11.26	11.89	12.82	13.79
940	15.80	8.48	10.77	11.19	11.84	12.75	13.70
943	18.80	7.83	9.75	10.40	11.20	12.09	13.09
946	11.80	3.59	4.41	4.85	5.18	5.42	5.62
948	6.80	3.56	4.30	4.67	4.93	5.12	5.28
950	6.80	2.83	3.21	3.41	3.58	3.76	3.95
953	6.80	2.31	2.32	2.33	2.34	2.36	2.38
961	5.00	2.30	2.30	2.30	2.30	2.30	2.31
963	5.00	2.30	2.30	2.30	2.30	2.30	2.30