

### C-4 Priority Sub-Basins SWMM Results

Existing Conditions-No Change in Storage								
Sub-Basin (Critical Nodes)	X- Coordinate*	Y- Coordinate*	100 Year Flood Elevation	50 Year Flood Elevation	25 Year Flood Elevation	10 Year Flood Elevation	5 Year Flood Elevation	
Priority	Name	(ft)	(ft NGVD)	(ft NGVD)	(ft NGVD)	(ft NGVD)	(ft NGVD)	(ft NGVD)
1	CC4-N-14	860937	523257	8.10	7.86	7.70	7.02	6.91
2	CC4-N-22	867806	520914	8.10	7.85	7.70	7.04	6.69
3	CC4-N-28	878186	521158	8.04	7.74	7.65	6.73	6.46
4	C4-N-19	865583	520879	8.10	7.85	7.70	7.04	6.69
5	CC4-N-13	860535	520720	8.10	7.86	7.70	7.06	6.67
6	CC4-N-24	873141	521167	8.07	7.77	7.67	6.90	6.77
7	CSC-E-4	859153	520740	8.10	7.86	7.70	7.06	6.67
8	C4-S-17	888497	524300	6.99	6.91	6.81	6.54	6.43
9	CNL-S-9	871597	529950	7.97	7.52	7.09	5.81	5.37
10	CC4-N-10	855562	521556	7.96	7.82	7.66	7.28	6.37
11	CC4-N-15	861885	520740	8.10	7.86	7.70	7.06	6.67
12	CWB-N-5	872949	518881	8.18	7.98	7.80	7.07	6.73
13	CC4-N-23	870487	521002	8.08	7.81	7.68	6.91	6.77
14	CC4-N-16	863141	520808	8.10	7.86	7.70	7.06	6.67
15	CC4-S-12	878122	518968	8.17	7.98	7.70	6.95	6.79
16	CC4-N-18	864250	520772	8.10	7.85	7.70	7.04	6.69
17	CC4-N-25	875649	524523	8.00	7.61	7.47	5.67	5.30
18	CC4-N-27	878344	524390	8.00	7.61	7.47	5.66	5.42
19	CC4-S-6	873388	513200	8.23	8.16	8.08	7.83	7.69
20	CC4-N-26	875412	521029	8.04	7.75	7.65	6.73	6.46
21	C4-C-28	892769	526684	6.76	6.36	6.00	4.70	4.50
22	C4-N-30	884357	526611	7.02	6.76	6.52	5.36	4.88

Existing Conditions-Alternative 2 (23.8 Acre Storage Removal)									
100 Year Flood Elevation	Variation from DERM	50 Year Flood Elevation	Variation from DERM	25 Year Flood Elevation	Variation from DERM	10 Year Flood Elevation	Variation from DERM	5 Year Flood Elevation	Variation from DERM
(ft NGVD)	%	(ft NGVD)	%	(ft NGVD)	%	(ft NGVD)	%	(ft NGVD)	%
8.10	0.0%	7.86	0.0%	7.70	0.0%	7.02	0.0%	6.91	0.0%
8.10	0.0%	7.85	0.0%	7.70	0.0%	7.04	0.0%	6.69	0.0%
8.04	0.0%	7.74	0.0%	7.65	0.0%	6.73	0.0%	6.46	0.0%
8.10	0.0%	7.85	0.0%	7.70	0.0%	7.04	0.0%	6.69	0.0%
8.11	0.1%	7.86	0.0%	7.70	0.0%	7.06	0.0%	6.67	0.0%
8.07	0.0%	7.79	0.3%	7.67	0.0%	6.90	0.0%	6.77	0.0%
8.10	0.0%	7.86	0.0%	7.70	0.0%	7.06	0.0%	6.67	0.0%
6.99	0.0%	6.91	0.0%	6.81	0.0%	6.54	0.0%	6.43	0.0%
7.97	0.0%	7.52	0.0%	7.09	0.0%	5.81	0.0%	5.37	0.0%
7.96	0.0%	7.82	0.0%	7.66	0.0%	7.28	0.0%	6.37	0.0%
8.10	0.0%	7.86	0.0%	7.70	0.0%	7.06	0.0%	6.67	0.0%
8.18	0.0%	7.98	0.0%	7.80	0.0%	7.07	0.0%	6.73	0.0%
8.08	0.0%	7.81	0.0%	7.68	0.0%	6.91	0.0%	6.77	0.0%
8.10	0.0%	7.86	0.0%	7.70	0.0%	7.06	0.0%	6.67	0.0%
8.18	0.1%	7.98	0.0%	7.70	0.0%	6.95	0.0%	6.79	0.0%
8.10	0.0%	7.85	0.0%	7.70	0.0%	7.04	0.0%	6.69	0.0%
8.00	0.0%	7.62	0.1%	7.47	0.0%	5.69	0.4%	5.30	0.0%
8.00	0.0%	7.62	0.1%	7.47	0.0%	5.69	0.5%	5.42	0.0%
8.23	0.0%	8.16	0.0%	8.08	0.0%	7.83	0.0%	7.69	0.0%
8.04	0.0%	7.75	0.0%	7.65	0.0%	6.73	0.0%	6.46	0.0%
6.79	0.4%	6.39	0.5%	6.03	0.5%	4.72	0.4%	4.50	0.0%
7.04	0.3%	6.78	0.3%	6.53	0.2%	5.38	0.4%	4.92	0.8%