

**APPENDIX A – EXISTING AND DEVELOPED CATCHMENT INFORMATION**

XP-RAFTS MODEL - EXISTING CONDITIONS					
Node	Total Area	Pervious Area	Impervious Area	Percentage of Impervious	Slope
	(ha)	(ha)	(ha)	(%)	(%)
1	500	150	350	70	0.8
1.01	372	242	130	35	1.0
1.02	421	274	147	35	0.9
1.03	693	451	242	35	0.7
1.04	307	184	123	40	0.5
1.06	13	4	9	69	0.3
1.08	491	319	172	35	0.7
1.09	740	370	370	50	0.8
1.1	102	31	71	70	0.8
1.12	505	227	278	55	0.7
1.13	942	424	518	55	0.3
1.14	416	208	208	50	0.6
1.15	369	166	203	55	0.2
1.17	609	244	365	60	0.5
1.19	1075	430	645	60	0.3
1.21	143	43	100	70	0.8
1.23	562	281	281	50	0.7
1.24	205	103	102	50	0.6
1.26	176	70	106	60	0.7
1.29	269	94	175	65	0.4
1.31	591	355	236	40	0.7
1.32	568	568	0	0	0.7
1.33	20	10	10	50	0.4
1.35	692	519	173	25	0.5
2	625	188	437	70	1.0
2.01	726	218	508	70	0.7
3	443	133	310	70	0.9
3.01	580	174	406	70	0.9
3.02	473	142	331	70	0.6
4	480	144	336	70	1.2
4.01	554	166	388	70	0.6
5	980	490	490	50	0.6
5.01	745	372	373	50	0.7
5.02	309	93	216	70	0.5
5.04	303	197	106	35	0.4
6	369	111	258	70	0.8
7	569	284	285	50	0.7
8	1031	515	516	50	0.6
8.01	0.1	0.1	0	0	0.1
8.02	290	145	145	50	0.6
9	583	291	292	50	0.7
9.01	534	267	267	50	0.6
9.03	1007	503	504	50	0.4
9.05	234	117	117	50	1.2
9.06	910	591	319	35	0.3
9.07	102	41	61	60	0.7
10	721	360	361	50	0.6
11	385	116	269	70	0.8
12	780	234	546	70	0.8
12.02	975	293	682	70	0.4
13	614	184	430	70	0.7
13.01	677	203	474	70	0.6
14	1150	345	805	70	0.6
14.01	1160	348	812	70	0.5
15	195	68	127	65	0.9
15.01	313	47	266	85	0.7
16	445	134	311	70	0.7
16.01	468	140	328	70	0.7
17	258	103	155	60	0.7
18	1172	352	820	70	0.7
19	351	200	151	43	0.8
20	891	445	446	50	0.7
20.01	790	395	395	50	0.6
20.03	409	204	205	50	0.5
20.05	216	65	151	70	1.3
20.06	441	132	309	70	0.8
20.07	588	176	412	70	0.9
20.08	396	119	277	70	1.3
20.09	365	219	146	40	0.8
20.1	207	103	104	50	0.6
21	315	157	158	50	0.6
22	236	71	165	70	0.7
23	547	547	0	0	0.7
1.05d	0.1	0.1	0	0	0.1
1.07d	0.1	0.1	0	0	0.1
1.11d	0.1	0.1	0	0	0.1
1.16d	0.1	0.1	0	0	0.1
1.18d	0.1	0.1	0	0	0.1

XP-RAFTS MODEL - EXISTING CONDITIONS					
Node	Total Area	Pervious Area	Impervious Area	Percentage of Impervious	Slope
	(ha)	(ha)	(ha)	(%)	(%)
1.20d	0.1	0.1	0	0	0.1
1.22d	0.1	0.1	0	0	0.1
1.25d	0.1	0.1	0	0	0.1
1.27d	0.1	0.1	0	0	0.1
1.28d	0.1	0.1	0	0	0.1
1.30d	0.1	0.1	0	0	0.1
1.34d	0.1	0.1	0	0	0.1
1.36d	0.1	0.1	0	0	0.1
12.01d	0.1	0.1	0	0	0.1
20.02d	0.1	0.1	0	0	0.1
20.04d	0.1	0.1	0	0	0.1
5.03d	0.1	0.1	0	0	0.1
9.02d	0.1	0.1	0	0	0.1
9.04d	0.1	0.1	0	0	0.1
9.08d	0.1	0.1	0	0	0.1
B_1.23	37.50	37.50	0.00	0	1.6
B-1.1.00	13.60	2.72	10.88	80	2.5
B-1.1.01	12.95	2.58	10.37	80	2.3
B-1.1.02	5.72	1.43	4.29	75	2.0
B-1.1.03	0.91	0.14	0.77	85	3.5
B-1.1.03d	0.00	0.00	0.00	0	1.0
B-1.1.04	3.84	0.58	3.26	85	2.0
B-1.1.05	0.85	0.40	0.45	53	1.0
B-1.1.06	4.91	4.91	0.00	0	1.0
B-1.2.00	27.40	5.48	21.92	80	2.0
B-1.3.00	15.90	1.59	14.31	90	3.0
B-1.3.01	1.35	1.35	0.00	0	1.0
B-1.3.02b	0.54	0.54	0.00	0	3.5
B-1.4.00	14.56	1.46	13.10	90	3.0
B-1.4.01	3.18	0.32	2.86	90	1.5
B-1.5.00	12.29	1.23	11.06	90	2.5
B-1.6.00	1.30	0.13	1.17	90	1.0
B-1.7.00	3.56	0.53	3.03	85	1.0
B-2.1.00	1.63	0.24	1.39	85	1.5
B-2.1.01	3.00	0.30	2.70	90	1.0
B-2.1.02	3.82	3.82	0.00	0	1.0
B-3.1.00	7.07	0.71	6.36	90	2.5
B-3.1.01	9.21	0.92	8.29	90	2.5
B-3.1.02	0.43	0.43	0.00	0	1.0
B-3.1.03d	0.00	0.00	0.00	0	3.5
B-3.1.04	3.06	0.46	2.60	85	2.5
B-3.1.05	0.41	0.08	0.33	80	1.0
B-3.1.06	4.03	4.03	0.00	0	1.0
B-3.10.00	10.19	10.19	0.00	0	1.5
B-3.2.00	2.94	0.29	2.65	90	2.0
B-3.3.00	1.87	0.21	1.66	89	2.0
B-3.4.00	6.21	0.62	5.59	90	1.5
B-3.5.00	9.08	0.91	8.17	90	2.0
B-3.5.01	18.00	1.80	16.20	90	2.0
B-3.6.00	2.46	0.25	2.21	90	2.0
B-3.7.00	2.44	0.24	2.20	90	1.0
B-3.8.00	3.75	0.37	3.38	90	1.0
B-3.8.01	1.82	0.18	1.64	90	1.0
B-3.8.02	5.64	5.64	0.00	0	1.0
B-3.9.00	5.74	0.57	5.17	90	1.0
B-4.1.00	16.76	1.68	15.08	90	2.5
B-4.1.01d	0.00	0.00	0.00	0	3.5
B-4.1.02	4.25	0.64	3.61	85	2.0
B-4.1.03	3.35	0.33	3.02	90	1.0
B-4.1.04d	0.00	0.00	0.00	0	3.5
B-4.1.05	5.97	5.97	0.00	0	1.0
B-4.2.00	3.58	0.36	3.22	90	2.5
B-4.3.00	12.81	0.14	12.67	99	2.0
B-4.4.00	2.69	2.15	0.54	20	2.0
B-4.5.00	6.89	0.69	6.20	90	2.5
B-4.6.00	5.55	0.55	5.00	90	1.0
B-4.7.00	4.79	0.48	4.31	90	2.5
B-4.7.01	4.65	4.65	0.00	0	1.0
B-5.1.00	17.90	17.90	0.00	0	2.4
B-5.2.00	19.00	19.00	0.00	0	2.8
B-6.1.00	17.50	17.50	0.00	0	2.3
B-6.2.00	13.20	13.20	0.00	0	2.5
B-6.3.00	7.72	7.72	0.00	0	3.2
Basin_A	2.80	0.56	2.24	80	0.1
Basin_B	1.35	0.27	1.08	80	0.1
Basin_E	6.22	1.24	4.98	80	0.1
Basin_G	4.28	0.86	3.42	80	0.1
Basin_I	3.42	0.68	2.74	80	0.1

XP-RAFTS MODEL - EXISTING CONDITIONS					
Node	Total Area	Pervious Area	Impervious Area	Percentage of Impervious	Slope
	(ha)	(ha)	(ha)	(%)	(%)
Basin_J	2.27	0.45	1.82	80	0.1
Basin_K	1.33	0.27	1.06	80	0.1
Basin_M	1.35	0.27	1.08	80	0.1
Basin_P	1.72	0.31	1.41	82	0.1
BC_1.00	20.14	12.89	7.25	36	0.9
BC_1.01	44.04	22.02	22.02	50	1.0
BC_1.02	27.12	16.27	10.85	40	1.5
BC_1.04D	0.00	0.00	0.00	0	1.0
BC_1.05	39.70	23.82	15.88	40	1.7
BC_1.06	46.70	28.02	18.68	40	1.5
BC_1.07	10.90	5.45	5.45	50	1.4
BC_1.08	90.50	54.30	36.20	40	1.4
BC_1.09	65.50	39.30	26.20	40	1.5
BC_1.10_D	0.00	0.00	0.00	0	1.0
BC_1.11_D	0.00	0.00	0.00	0	1.0
BC_1.12	4.45	4.45	0.00	0	1.0
BC_1.13	12.80	12.80	0.00	0	2.6
BC_1.14	13.77	13.77	0.00	0	2.6
BC_1.15	19.93	19.93	0.00	0	2.6
BC_1.16	18.60	18.60	0.00	0	2.5
BC_1.17	10.08	10.08	0.00	0	2.8
BC_1.18	16.54	16.54	0.00	0	2.6
BC_1.19	13.92	13.92	0.00	0	2.8
BC_1.20	18.84	18.84	0.00	0	2.6
BC_1.21	11.80	11.80	0.00	0	1.1
BC_1.22	6.35	6.35	0.00	0	1.0
BC_10.00	22.02	22.02	0.00	0	1.6
BC_11.00	8.09	8.09	0.00	0	2.7
BC_12.00	3.93	3.93	0.00	0	1.2
BC_2.00	60.28	37.00	23.28	39	1.2
BC_2.01D	0.00	0.00	0.00	0	1.0
BC_3.00	42.40	25.44	16.96	40	1.1
BC_4.00	15.20	9.12	6.08	40	1.5
BC_5.00	22.82	14.83	7.99	35	1.3
BC_5.01	26.55	15.93	10.62	40	0.7
BC_5.03	11.34	9.07	2.27	20	1.4
BC_5.04	19.42	13.60	5.82	30	1.1
BC_6.00	41.36	24.82	16.54	40	1.4
BC_7.00	46.06	29.94	16.12	35	1.3
BC_8.00	36.60	18.30	18.30	50	2.5
BC_8.01	9.30	9.30	0.00	0	1.2
BC_9.00	4.50	3.15	1.35	30	1.9
BC_Bsn_1	22.35	21.25	1.10	5	1.1
BC_Bsn_2	1.20	0.00	1.20	100	0.0
BC_Bsn_3	1.70	0.00	1.70	100	0.0
BC_Bsn_4	8.13	6.23	1.90	23	1.9
BC_Dummy	0.00	0.00	0.00	0	1.0
CSim10	23.09	23.09	0.00	0	0.7
CSim102	16.18	16.18	0.00	0	1.7
CSim103	16.17	16.17	0.00	0	1.0
CSim104	16.16	16.16	0.00	0	0.9
CSim105	16.13	16.13	0.00	0	1.1
CSim107	16.05	16.05	0.00	0	1.3
CSim109	16.04	16.04	0.00	0	2.2
CSim11	22.97	22.97	0.00	0	2.0
CSim111	16.01	16.01	0.00	0	1.6
CSim114	15.92	15.92	0.00	0	0.9
CSim115	15.90	15.90	0.00	0	1.2
CSim117	15.88	15.88	0.00	0	1.3
CSim118	15.88	15.88	0.00	0	1.8
CSim12	22.49	22.49	0.00	0	1.1
CSim120	15.82	15.82	0.00	0	0.8
CSim121	15.80	15.80	0.00	0	1.2
CSim122	15.80	15.80	0.00	0	2.2
CSim123	15.79	15.79	0.00	0	1.0
CSim124	15.76	15.76	0.00	0	1.2
CSim125	15.76	15.76	0.00	0	1.4
CSim128	15.68	15.68	0.00	0	0.7
CSim129	15.66	15.66	0.00	0	1.1
CSim13	22.16	22.16	0.00	0	0.9
CSim130	15.65	15.65	0.00	0	0.9
CSim131	15.65	15.65	0.00	0	1.7
CSim132	15.59	15.59	0.00	0	1.5
CSim133	15.56	15.56	0.00	0	1.1
CSim135	15.54	15.54	0.00	0	1.0
CSim137	15.51	15.51	0.00	0	0.7
CSim139	15.49	15.49	0.00	0	0.8
CSim14	21.94	21.94	0.00	0	1.4

XP-RAFTS MODEL - EXISTING CONDITIONS					
Node	Total Area	Pervious Area	Impervious Area	Percentage of Impervious	Slope
	(ha)	(ha)	(ha)	(%)	(%)
CSim140	15.48	15.48	0.00	0	1.2
CSim141	15.47	15.47	0.00	0	1.1
CSim142	15.45	15.45	0.00	0	1.5
CSim143	15.45	15.45	0.00	0	1.4
CSim144	15.44	15.44	0.00	0	0.4
CSim148	15.38	15.38	0.00	0	1.1
CSim15	21.89	21.89	0.00	0	1.6
CSim150	15.37	15.37	0.00	0	1.5
CSim151	15.37	15.37	0.00	0	1.0
CSim153	15.34	15.34	0.00	0	1.4
CSim154	15.32	15.32	0.00	0	1.6
CSim156	15.29	15.29	0.00	0	1.9
CSim157	15.28	15.28	0.00	0	1.6
CSim158	15.28	15.28	0.00	0	1.3
CSim159	15.27	15.27	0.00	0	1.3
CSim16	21.84	21.84	0.00	0	1.8
CSim160	15.26	15.26	0.00	0	1.9
CSim161	15.22	15.22	0.00	0	1.9
CSim162	15.20	15.20	0.00	0	1.1
CSim163	15.19	15.19	0.00	0	1.5
CSim164	15.18	15.18	0.00	0	1.3
CSim165	15.18	15.18	0.00	0	1.7
CSim167	15.16	15.16	0.00	0	1.9
CSim169	15.16	15.16	0.00	0	2.5
CSim170	15.16	15.16	0.00	0	0.9
CSim171	15.15	15.15	0.00	0	0.9
CSim174	15.11	15.11	0.00	0	2.3
CSim176	15.10	15.10	0.00	0	1.4
CSim177	15.10	15.10	0.00	0	0.9
CSim178	15.09	15.09	0.00	0	2.6
CSim179	15.09	15.09	0.00	0	0.8
CSim18	21.76	21.76	0.00	0	0.8
CSim180	15.08	15.08	0.00	0	1.1
CSim181	15.08	15.08	0.00	0	1.4
CSim182	15.07	15.07	0.00	0	1.3
CSim184	15.07	15.07	0.00	0	1.9
CSim185	15.06	15.06	0.00	0	1.3
CSim187	15.05	15.05	0.00	0	2.3
CSim189	15.05	15.05	0.00	0	1.0
CSim19	21.58	21.58	0.00	0	1.1
CSim191	15.04	15.04	0.00	0	0.9
CSim192	15.03	15.03	0.00	0	0.5
CSim193	15.03	15.03	0.00	0	1.4
CSim195	15.03	15.03	0.00	0	1.7
CSim196	15.03	15.03	0.00	0	1.4
CSim198	15.02	15.02	0.00	0	1.4
CSim20	21.25	21.25	0.00	0	1.7
CSim201	15.02	15.02	0.00	0	2.5
CSim202	15.02	15.02	0.00	0	1.2
CSim203	15.02	15.02	0.00	0	1.6
CSim204	15.01	15.01	0.00	0	1.0
CSim205	15.01	15.01	0.00	0	1.2
CSim206	15.01	15.01	0.00	0	0.5
CSim209	15.01	15.01	0.00	0	1.3
CSim21	21.23	21.23	0.00	0	0.4
CSim210	15.01	15.01	0.00	0	0.6
CSim212	15.00	15.00	0.00	0	1.0
CSim213	15.00	15.00	0.00	0	1.5
CSim214	15.00	15.00	0.00	0	1.0
CSim215	15.00	15.00	0.00	0	1.5
CSim216	15.00	15.00	0.00	0	0.9
CSim217	15.00	15.00	0.00	0	0.8
CSim218	15.00	15.00	0.00	0	2.9
CSim219	15.00	15.00	0.00	0	1.8
CSim22	21.23	21.23	0.00	0	1.3
CSim221	15.00	15.00	0.00	0	1.0
CSim222	30.55	30.55	0.00	0	1.0
CSim225	16.63	16.63	0.00	0	1.0
CSim226	16.23	16.23	0.00	0	0.9
CSim228	15.56	15.56	0.00	0	1.8
CSim229	15.32	15.32	0.00	0	1.1
CSim23	21.19	21.19	0.00	0	1.3
CSim230	15.23	15.23	0.00	0	0.9
CSim231	15.15	15.15	0.00	0	1.3
CSim232	15.10	15.10	0.00	0	2.2
CSim233	15.08	15.08	0.00	0	1.5
CSim234	15.07	15.07	0.00	0	1.0
CSim236	15.02	15.02	0.00	0	1.4

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Node	Total Area	Pervious Area	Impervious Area	Percentage of Impervious	Slope
	(ha)	(ha)	(ha)	(%)	(%)
CSim24	20.95	20.95	0.00	0	1.5
CSim240	74.00	66.60	7.40	10	2.0
CSim34	19.77	19.77	0.00	0	1.2
CSim35	19.76	19.76	0.00	0	1.7
CSim36	19.76	19.76	0.00	0	1.2
CSim37	19.72	19.72	0.00	0	1.8
CSim40	19.21	19.21	0.00	0	1.4
CSim42	19.02	19.02	0.00	0	1.6
CSim46	18.69	18.69	0.00	0	3.4
CSim47	18.56	18.56	0.00	0	1.5
CSim49	18.50	18.50	0.00	0	1.6
CSim5	26.06	26.06	0.00	0	1.3
CSim51	18.46	18.46	0.00	0	1.3
CSim53	18.00	18.00	0.00	0	4.1
CSim55	18.36	18.36	0.00	0	1.1
CSim56	18.31	18.31	0.00	0	1.1
CSim57	18.26	18.26	0.00	0	1.2
CSim58	18.20	18.20	0.00	0	1.5
CSim60	18.11	18.11	0.00	0	0.8
CSim61	18.10	18.10	0.00	0	1.1
CSim62	18.10	18.10	0.00	0	2.5
CSim64	17.92	17.92	0.00	0	1.3
CSim65	17.87	17.87	0.00	0	1.6
CSim67	17.76	17.76	0.00	0	0.9
CSim69	17.66	17.66	0.00	0	1.6
CSim7	24.96	24.96	0.00	0	1.2
CSim71	17.59	17.59	0.00	0	3.3
CSim72	17.56	17.56	0.00	0	1.2
CSim73	17.49	17.49	0.00	0	1.0
CSim75	17.26	17.26	0.00	0	1.7
CSim76	17.25	17.25	0.00	0	1.7
CSim78	17.24	17.24	0.00	0	2.8
CSim81	17.11	17.11	0.00	0	1.4
CSim83	17.10	17.10	0.00	0	1.7
CSim84	17.10	17.10	0.00	0	1.2
CSim85	16.98	16.98	0.00	0	1.3
CSim87	16.94	16.94	0.00	0	1.6
CSim88	16.93	16.93	0.00	0	1.4
CSim89	16.88	16.88	0.00	0	0.6
CSim9	23.10	23.10	0.00	0	1.4
CSim90	16.80	16.80	0.00	0	1.1
CSim91	16.80	16.80	0.00	0	1.0
CSim92	16.75	16.75	0.00	0	1.6
CSim93	16.74	16.74	0.00	0	1.5
CSim94	16.73	16.73	0.00	0	0.4
CSim99	16.32	16.32	0.00	0	1.3
dummy	0.00	0.00	0.00	0	0.0
Dummy_3	1.11	0.00	1.11	100	0.0
JWP01	58.93	58.93	0.00	0	2.0
LC_01	15.10	15.10	0.00	0	0.8
LC_02	17.95	17.95	0.00	0	1.1
LC_03	18.77	18.77	0.00	0	1.1
LC_04	17.25	17.25	0.00	0	0.9
LC_05	17.11	17.11	0.00	0	0.7
LC_06	15.00	15.00	0.00	0	2.0
LC_07	16.02	16.02	0.00	0	1.7
LC_08	18.18	18.18	0.00	0	1.9
LC_09	15.40	15.40	0.00	0	0.8
N-1.05	9.91	9.91	0.00	0	2.0
N-1.06	14.07	14.07	0.00	0	1.3
N1.06d	0.00	0.00	0.00	0	0.0
N-1.07	20.45	20.45	0.00	0	2.0
N-1.08	9.58	9.58	0.00	0	2.0
N-1.09	14.28	14.28	0.00	0	1.3
N-1.10	15.52	15.52	0.00	0	1.3
N-1.11	34.90	34.90	0.00	0	1.9
N-1.12	28.76	28.76	0.00	0	1.8
N-1.13	16.66	16.66	0.00	0	1.1
N-1.14	15.69	15.69	0.00	0	1.0
N-1.15	18.61	18.61	0.00	0	0.8
N-1.16	15.03	15.03	0.00	0	1.4
N-1.17	9.70	9.70	0.00	0	0.9
N-1.18	9.70	9.70	0.00	0	0.9
N-3.00	7.89	7.89	0.00	0	2.2
N-4.00	23.00	23.00	0.00	0	1.3
North_D	0.00	0.00	0.00	0	0.1
NU-1.00	12.64	2.53	10.11	80	2.0
NU-1.01	0.84	0.84	0.00	0	1.0

XP-RAFTS MODEL - EXISTING CONDITIONS					
Node	Total Area	Pervious Area	Impervious Area	Percentage of Impervious	Slope
	(ha)	(ha)	(ha)	(%)	(%)
NU-1.03	1.78	1.78	0.00	0	1.0
NU-1.04b	1.06	1.06	0.00	0	3.5
NU-1.05d	0.00	0.00	0.00	0	3.5
NU-1.06	12.86	1.29	11.57	90	2.0
NU-1.07	7.97	0.80	7.17	90	3.0
NU-2.00	11.71	1.17	10.54	90	2.0
NU-3.00	2.65	0.26	2.39	90	2.0
NU-5.00	22.65	2.26	20.39	90	2.0
NU-6.00	20.05	2.00	18.05	90	1.5
NU-7.00	13.93	1.39	12.54	90	3.0
NU-7.01	6.48	0.65	5.83	90	2.0
NU-8.00	12.29	1.23	11.06	90	2.0
NU-8.01	7.50	0.75	6.75	90	2.5
NU-8.02d	0.00	0.00	0.00	0	1.5
OldBasinD	0.00	0.00	0.00	0	0.1
SC_137	477.00	358.00	119.00	25	0.8
SC_137A	35.10	35.10	0.00	0	1.2
SC_137B	20.88	20.88	0.00	0	2.5
SC_137C	15.01	15.01	0.00	0	1.5
SC_137D	15.42	15.42	0.00	0	1.0
SC_137E	15.05	15.05	0.00	0	0.4
SC_137F	33.60	33.60	0.00	0	2.5
SC_137G	90.60	90.60	0.00	0	2.2
SC_138	18.44	18.44	0.00	0	1.7
SC_139	19.35	19.35	0.00	0	1.2
SC_140	11.17	11.17	0.00	0	2.5
W-1	0.00	0.00	0.00	0	1.5
W-1.1.00	26.20	5.24	20.96	80	1.6
W-1.1.01d	0.00	0.00	0.00	0	1.5
W-1.1.02	1.11	1.11	0.00	0	1.0
W-1.1.03	2.67	2.67	0.00	0	1.0
W-1.1.04d	0.00	0.00	0.00	0	1.0
W-1.1.05	6.40	6.40	0.00	0	1.2
W-1.1.07	20.52	20.52	0.00	0	1.5
W-1.10.00	8.20	8.20	0.00	0	1.4
W-1.2.00	20.78	4.16	16.62	80	1.8
W-1.3.00	11.61	1.16	10.45	90	2.5
W-1.3.01	13.54	1.35	12.19	90	2.0
W-1.3.02	0.40	0.40	0.00	0	1.0
W-1.4.00	6.22	0.62	5.60	90	3.0
W-1.4.01	1.74	0.17	1.57	90	1.5
W-1.5.00	16.64	1.64	15.00	90	2.0
W-1.6.00	15.16	1.52	13.64	90	3.0
W-1.6.01d	0.00	0.00	0.00	0	0.1
W-1.6.02	3.14	3.14	0.00	0	1.5
W-1.7.00	2.98	0.30	2.68	90	4.0
W-1.9.00	1.15	0.23	0.92	80	3.0
W-1.9.01	3.41	0.34	3.07	90	3.0
W-1.9.02	1.89	0.19	1.70	90	0.1
W-2	13.94	13.94	0.00	0	1.5
W-2.1.00	15.10	1.50	13.60	90	2.5
W-2.1.01	2.89	0.29	2.60	90	2.0
W-2.1.02d	0.00	0.00	0.00	0	1.5
W-2.1.03	5.19	5.19	0.00	0	1.7
W-2.2.00	2.13	0.20	1.93	91	2.0
W-2.3.00	4.68	0.69	3.99	85	2.5
W-2.4.00	4.38	0.65	3.73	85	2.5
W-2.5.00	3.36	0.50	2.86	85	2.5
W-2.6.00	1.08	0.41	0.67	62	2.5
West_D	0.00	0.00	0.00	0	0.1

XP-RAFTS MODEL - DEVELOPED CONDITIONS					
Node	Total Area	Pervious Area	Impervious Area	Percentage of Impervious	Slope
	(ha)	(ha)	(ha)	(%)	(%)
1.00	500	150	350	70	0.8
1.01	372	242	130	35	1.0
1.02	421	274	147	35	0.9
1.03	693	451	242	35	0.7
1.04	307	184	123	40	0.5
1.05d	0.1	0.1	0	0	0.1
1.06	13	4	9	69	0.3
1.07d	0.1	0.1	0	0	0.1
1.08	491	319	172	35	0.7
1.09	740	370	370	50	0.8
1.10	102	31	71	70	0.8
1.11d	0.1	0.1	0	0	0.1
1.12	505	227	278	55	0.7
1.13	942	424	518	55	0.3
1.14	416	208	208	50	0.6
1.15	369	166	203	55	0.2
1.16d	0.1	0.1	0	0	0.1
1.17	609	244	365	60	0.5
1.18d	0.1	0.1	0	0	0.1
1.19	1075	430	645	60	0.3
1.20d	0.1	0.1	0	0	0.1
1.21	143	43	100	70	0.8
1.22d	0.1	0.1	0	0	0.1
1.23	562	281	281	50	0.7
1.24	205	103	102	50	0.6
1.25d	0.1	0.1	0	0	0.1
1.26	176	70	106	60	0.7
1.27d	0.1	0.1	0	0	0.1
1.28d	0.1	0.1	0	0	0.1
1.29	269	94	175	65	0.4
1.30d	0.1	0.1	0	0	0.1
1.31	591	355	236	40	0.7
1.32	568	568	0	0	0.7
1.33	20	10	10	50	0.4
1.34d	0.1	0.1	0	0	0.1
1.35	692	519	173	25	0.5
1.36d	0.1	0.1	0	0	0.1
10.00	721	360	361	50	0.6
11.00	385	116	269	70	0.8
12.00	780	234	546	70	0.8
12.01d	0.1	0.1	0	0	0.1
12.02	975	293	682	70	0.4
13.00	614	184	430	70	0.7
13.01	677	203	474	70	0.6
14.00	1150	345	805	70	0.6
14.01	1160	348	812	70	0.5
15.00	195	68	127	65	0.9
15.01	313	47	266	85	0.7
16.00	445	134	311	70	0.7
16.01	468	140	328	70	0.7
17.00	258	103	155	60	0.7
18.00	1172	352	820	70	0.7
19.00	351	200	151	43	0.8
2.00	625	188	437	70	1.0
2.01	726	218	508	70	0.7
20.00	891	445	446	50	0.7
20.01	790	395	395	50	0.6
20.02d	0.1	0.1	0	0	0.1
20.03	409	204	205	50	0.5
20.04d	0.1	0.1	0	0	0.1
20.05	216	65	151	70	1.3
20.06	441	132	309	70	0.8
20.07	588	176	412	70	0.9
20.08	396	119	277	70	1.3
20.09	365	219	146	40	0.8
20.10	207	103	104	50	0.6
21.00	315	157	158	50	0.6
22.00	236	71	165	70	0.7
23.00	547	547	0	0	0.7
3.00	443	133	310	70	0.9
3.01	580	174	406	70	0.9
3.02	473	142	331	70	0.6
4.00	480	144	336	70	1.2
4.01	554	166	388	70	0.6
5.00	980	490	490	50	0.6
5.01	745	372	373	50	0.7
5.02	309	93	216	70	0.5
5.03d	0.1	0.1	0	0	0.1



XP-RAFTS MODEL - DEVELOPED CONDITIONS					
Node	Total Area	Pervious Area	Impervious Area	Percentage of Impervious	Slope
	(ha)	(ha)	(ha)	(%)	(%)
5.04	303	197	106	35	0.4
6.00	369	111	258	70	0.8
7.00	569	284	285	50	0.7
8.00	1031	515	516	50	0.6
8.01	0.1	0.1	0	0	0.1
8.02	290	145	145	50	0.6
9.00	583	291	292	50	0.7
9.01	534	267	267	50	0.6
9.02d	0.1	0.1	0	0	0.1
9.03	1007	503	504	50	0.4
9.04d	0.1	0.1	0	0	0.1
9.05	234	117	117	50	1.2
9.06	910.00	591.00	319.00	35	0.3
9.07	102.00	41.00	61.00	60	0.7
9.08d	0.10	0.10	0.00	0	0.1
B-1.1.00	13.60	2.72	10.88	80	2.5
B-1.1.01	12.95	2.58	10.37	80	2.3
B-1.1.02	5.72	1.43	4.29	75	2.0
B-1.1.03	0.91	0.14	0.77	85	3.5
B-1.1.03d	0.00	0.00	0.00	0	1.0
B-1.1.04	3.84	0.58	3.26	85	2.0
B-1.1.05	0.85	0.40	0.45	53	1.0
B-1.1.06	4.91	4.91	0.00	0	1.0
B-1.2.00	27.40	5.48	21.92	80	2.0
B-1.3.00	15.90	1.59	14.31	90	3.0
B-1.3.01	1.35	1.35	0.00	0	1.0
B-1.3.02b	0.54	0.54	0.00	0	3.5
B-1.4.00	14.56	1.46	13.10	90	3.0
B-1.4.01	3.18	0.32	2.86	90	1.5
B-1.5.00	12.29	1.23	11.06	90	2.5
B-1.6.00	1.30	0.13	1.17	90	1.0
B-1.7.00	3.56	0.53	3.03	85	1.0
B-12.00	3.93	3.93	0.00	0	1.2
B-2.1.00	1.63	0.24	1.39	85	1.5
B-2.1.01	3.00	0.30	2.70	90	1.0
B-2.1.02	3.82	3.82	0.00	0	1.0
B-3.1.00	7.07	0.71	6.36	90	2.5
B-3.1.01	9.21	0.92	8.29	90	2.5
B-3.1.02	0.43	0.43	0.00	0	1.0
B-3.1.03d	0.00	0.00	0.00	0	3.5
B-3.1.04	3.06	0.46	2.60	85	2.5
B-3.1.05	0.41	0.08	0.33	80	1.0
B-3.1.06	4.03	4.03	0.00	0	1.0
B-3.10.00	10.19	10.19	0.00	0	1.5
B-3.2.00	2.94	0.29	2.65	90	2.0
B-3.3.00	1.87	0.21	1.66	89	2.0
B-3.4.00	6.21	0.62	5.59	90	1.5
B-3.5.00	9.08	0.91	8.17	90	2.0
B-3.5.01	18.00	1.80	16.20	90	2.0
B-3.6.00	2.46	0.25	2.21	90	2.0
B-3.7.00	2.44	0.24	2.20	90	1.0
B-3.8.00	3.75	0.37	3.38	90	1.0
B-3.8.01	1.82	0.18	1.64	90	1.0
B-3.8.02	5.64	5.64	0.00	0	1.0
B-3.9.00	5.74	0.57	5.17	90	1.0
B-4.1.00	16.76	1.68	15.08	90	2.5
B-4.1.01d	0.00	0.00	0.00	0	3.5
B-4.1.02	4.25	0.64	3.61	85	2.0
B-4.1.03	3.35	0.33	3.02	90	1.0
B-4.1.04d	0.00	0.00	0.00	0	3.5
B-4.1.05	5.97	5.97	0.00	0	1.0
B-4.2.00	3.58	0.36	3.22	90	2.5
B-4.3.00	12.81	0.14	12.67	99	2.0
B-4.4.00	2.69	0.27	2.42	90	2.0
B-4.5.00	6.89	0.69	6.20	90	2.5
B-4.6.00	5.55	0.55	5.00	90	1.0
B-4.7.00	4.79	0.48	4.31	90	2.5
B-4.7.01	4.65	4.65	0.00	0	1.0
B-5.1.00	14.80	2.20	12.60	85	2.3
B-5.1.01	7.80	1.20	6.60	85	1.5
B-5.2.00	2.40	0.40	2.00	83	2.8
B-5.3.00	16.90	16.90	0.00	0	2.8
B-6.1.00	20.00	3.00	17.00	85	2.3
B-6.2.00	12.60	12.60	0.00	0	2.5
B-6.3.00	6.00	0.90	5.10	85	1.5
Basin_1	0.01	0.01	0.00	0	0.1
Basin_2	0.01	0.01	0.00	0	0.1
Basin_3	19.30	19.30	0.00	0	1.0

XP-RAFTS MODEL - DEVELOPED CONDITIONS					
Node	Total Area	Pervious Area	Impervious Area	Percentage of Impervious	Slope
	(ha)	(ha)	(ha)	(%)	(%)
Basin_3A	0.01	0.01	0.00	0	1.5
Basin_4	10.00	10.00	0.00	0	0.1
Basin_5	0.00	0.00	0.00	0	0.1
Basin_5A	0.00	0.00	0.00	0	0.1
Basin_5B	7.90	5.00	2.90	37	1.0
Basin_6	4.00	0.80	3.20	80	1.5
Basin_6A	5.80	4.50	1.30	22	1.0
Basin_7A	0.01	0.01	0.00	0	0.1
Basin_7B	0.01	0.01	0.00	0	0.1
Basin_8	2.80	0.60	2.20	79	0.1
Basin_A	2.80	0.56	2.24	80	0.1
Basin_A1	0.00	0.00	0.00	0	0.1
Basin_A3	0.01	0.01	0.00	0	0.1
Basin_B	1.35	0.27	1.08	80	0.1
Basin_B1	0.01	0.01	0.00	0	0.1
Basin_B2	0.01	0.01	0.00	0	0.1
Basin_B3	5.40	5.40	0.00	0	0.1
Basin_E	6.22	1.24	4.98	80	0.1
Basin_G	4.28	0.86	3.42	80	0.1
Basin_I	3.42	0.68	2.74	80	0.1
Basin_J	2.27	0.45	1.82	80	0.1
Basin_K	1.33	0.27	1.06	80	0.1
Basin_M	1.35	0.27	1.08	80	0.1
Basin_P	1.72	0.31	1.41	82	0.1
BC_1.00	20.14	12.89	7.25	36	0.9
BC_1.01	44.04	22.02	22.02	50	1.0
BC_1.02	27.12	16.27	10.85	40	1.5
BC_1.04D	0.00	0.00	0.00	0	1.0
BC_1.05	39.70	23.82	15.88	40	1.7
BC_1.06	46.70	28.02	18.68	40	1.5
BC_1.07	10.90	5.45	5.45	50	1.4
BC_1.08	90.50	54.30	36.20	40	1.4
BC_1.09	65.50	39.30	26.20	40	1.5
BC_1.10_D	0.00	0.00	0.00	0	1.0
BC_1.11_D	0.00	0.00	0.00	0	1.0
BC_1.12	4.45	4.45	0.00	0	1.0
BC_1.13	12.80	12.80	0.00	0	2.6
BC_1.14	13.77	13.77	0.00	0	2.6
BC_1.15	19.93	19.93	0.00	0	2.6
BC_1.16	18.60	18.60	0.00	0	2.5
BC_1.17	10.08	10.08	0.00	0	2.8
BC_1.18	16.54	16.54	0.00	0	2.6
BC_1.19	13.92	13.92	0.00	0	2.8
BC_1.20	18.84	18.84	0.00	0	2.6
BC_1.21	6.90	6.90	0.00	0	1.1
BC_1.22	7.20	7.20	0.00	0	1.0
BC_1.23	37.50	37.50	0.00	0	1.6
BC_10.00	22.02	22.02	0.00	0	1.6
BC_11.00	8.09	8.09	0.00	0	2.7
BC_2.00	60.28	37.00	23.28	39	1.2
BC_2.01D	0.00	0.00	0.00	0	1.0
BC_3.00	42.40	25.44	16.96	40	1.1
BC_4.00	15.20	9.12	6.08	40	1.5
BC_5.00	22.82	14.83	7.99	35	1.3
BC_5.01	26.55	15.93	10.62	40	0.7
BC_5.03	11.34	9.07	2.27	20	1.4
BC_5.04	19.42	13.60	5.82	30	1.1
BC_6.00	41.36	24.82	16.54	40	1.4
BC_7.00	46.06	29.94	16.12	35	1.3
BC_8.00	36.60	18.30	18.30	50	2.5
BC_8.01	9.30	9.30	0.00	0	1.2
BC_9.00	4.50	3.15	1.35	30	1.9
BC_Basin_1	59.05	37.80	21.25	36	1.1
BC_Basin_2	10.10	10.10	0.00	0	1.2
BC_Basin_4	17.80	11.57	6.23	35	1.9
BC_Bsn3Wet	19.40	19.40	0.00	0	1.7
BC_Dummy	0.00	0.00	0.00	0	1.0
CSim10	13.50	13.50	0.00	0	0.7
CSim102	16.18	16.18	0.00	0	1.7
CSim104	4.20	4.20	0.00	0	0.9
CSim105	16.13	16.13	0.00	0	1.1
CSim109	16.04	16.04	0.00	0	2.2
CSim11	22.97	22.97	0.00	0	2.0
CSim111	16.01	16.01	0.00	0	1.6
CSim114	15.92	15.92	0.00	0	0.9
CSim115	9.50	5.50	4.00	42	1.1
CSim118	15.88	15.88	0.00	0	1.8
CSim12	22.49	22.49	0.00	0	1.1

XP-RAFTS MODEL - DEVELOPED CONDITIONS					
Node	Total Area	Pervious Area	Impervious Area	Percentage of Impervious	Slope
	(ha)	(ha)	(ha)	(%)	(%)
CSim120	15.82	15.82	0.00	0	0.8
CSim121	15.80	15.80	0.00	0	1.2
CSim122	15.80	15.80	0.00	0	2.2
CSim123	15.79	15.79	0.00	0	1.0
CSim128	15.68	15.68	0.00	0	0.7
CSim129	15.66	15.66	0.00	0	1.1
CSim13	12.70	12.70	0.00	0	1.0
CSim130	15.65	15.65	0.00	0	0.9
CSim132	15.59	15.59	0.00	0	1.5
CSim133	15.56	15.56	0.00	0	1.1
CSim135	19.73	19.73	0.00	0	1.0
CSim137	15.51	15.51	0.00	0	0.7
CSim139	15.49	15.49	0.00	0	0.8
CSim14	21.94	21.94	0.00	0	1.4
CSim140	8.10	8.10	0.00	0	1.2
CSim141	9.60	9.60	0.00	0	1.1
CSim142	15.45	15.45	0.00	0	1.5
CSim143	15.45	15.45	0.00	0	1.4
CSim144	15.44	15.44	0.00	0	0.4
CSim148	15.38	15.38	0.00	0	1.1
CSim15	21.89	21.89	0.00	0	1.6
CSim150	15.37	15.37	0.00	0	1.5
CSim151	10.70	10.70	0.00	0	1.0
CSim153	15.34	15.34	0.00	0	1.4
CSim156	15.29	15.29	0.00	0	1.9
CSim157	15.28	15.28	0.00	0	1.6
CSim16	21.84	21.84	0.00	0	1.8
CSim160	15.26	15.26	0.00	0	1.9
CSim161	15.22	15.22	0.00	0	1.9
CSim163	15.19	15.19	0.00	0	1.5
CSim164	15.18	15.18	0.00	0	1.3
CSim165	15.18	15.18	0.00	0	1.7
CSim169	15.16	15.16	0.00	0	2.5
CSim170	9.40	9.40	0.00	0	0.9
CSim171	6.40	6.40	0.00	0	0.9
CSim174	15.11	15.11	0.00	0	2.3
CSim177	15.10	15.10	0.00	0	0.9
CSim178	15.09	15.09	0.00	0	2.6
CSim179	15.09	15.09	0.00	0	0.8
CSim182	15.07	15.07	0.00	0	1.3
CSim184	15.07	15.07	0.00	0	1.9
CSim187	15.05	15.05	0.00	0	2.3
CSim189	15.05	15.05	0.00	0	1.0
CSim191	15.04	15.04	0.00	0	0.9
CSim192	15.03	15.03	0.00	0	0.5
CSim193	15.03	15.03	0.00	0	1.4
CSim195	15.03	15.03	0.00	0	1.7
CSim196	15.03	15.03	0.00	0	1.4
CSim198	19.40	19.40	0.00	0	1.4
CSim20	21.25	21.25	0.00	0	1.7
CSim201	15.02	15.02	0.00	0	2.5
CSim202	15.02	15.02	0.00	0	1.2
CSim205	15.01	15.01	0.00	0	1.2
CSim206	7.50	7.50	0.00	0	0.5
CSim209	15.01	15.01	0.00	0	1.3
CSim21	21.20	21.20	0.00	0	0.4
CSim210	15.00	15.00	0.00	0	0.6
CSim212	15.00	15.00	0.00	0	1.0
CSim213	15.00	15.00	0.00	0	1.5
CSim214	15.00	15.00	0.00	0	1.0
CSim215	15.00	15.00	0.00	0	1.5
CSim216	15.00	15.00	0.00	0	0.9
CSim217	15.00	15.00	0.00	0	0.8
CSim218	15.00	15.00	0.00	0	2.9
CSim219	8.00	8.00	0.00	0	2.5
CSim22	21.23	21.23	0.00	0	1.3
CSim221	15.00	15.00	0.00	0	1.0
CSim23	21.19	21.19	0.00	0	1.3
CSim24	20.95	20.95	0.00	0	1.5
CSim240	66.60	66.60	0.00	0	2.0
CSim240	7.40	7.40	0.00	0	2.0
CSim34	19.77	19.77	0.00	0	1.2
CSim35	19.76	19.76	0.00	0	1.7
CSim36	19.76	19.76	0.00	0	1.2
CSim37	19.72	19.72	0.00	0	1.8
CSim40	19.21	19.21	0.00	0	1.4
CSim42	19.02	19.02	0.00	0	1.6
CSim46	18.69	18.69	0.00	0	3.4

XP-RAFTS MODEL - DEVELOPED CONDITIONS					
Node	Total Area	Pervious Area	Impervious Area	Percentage of Impervious	Slope
	(ha)	(ha)	(ha)	(%)	(%)
CSim47	18.56	18.56	0.00	0	1.5
CSim49	18.50	18.50	0.00	0	1.6
CSim5	26.06	26.06	0.00	0	1.3
CSim51	18.46	18.46	0.00	0	1.3
CSim53	18.00	18.00	0.00	0	4.1
CSim55	18.36	18.36	0.00	0	1.1
CSim56	18.31	18.31	0.00	0	1.1
CSim57	18.26	18.26	0.00	0	1.2
CSim58	18.20	18.20	0.00	0	1.5
CSim60	18.11	18.11	0.00	0	0.8
CSim61	18.10	18.10	0.00	0	1.1
CSim62	18.10	18.10	0.00	0	2.5
CSim64	17.92	17.92	0.00	0	1.3
CSim65	17.87	17.87	0.00	0	1.6
CSim67	17.76	17.76	0.00	0	0.9
CSim7	24.96	24.96	0.00	0	1.2
CSim71	17.59	17.59	0.00	0	3.3
CSim72	17.56	17.56	0.00	0	1.2
CSim73	17.49	17.49	0.00	0	1.0
CSim75	17.26	17.26	0.00	0	1.7
CSim76	12.80	12.80	0.00	0	1.7
CSim78	17.24	17.24	0.00	0	2.8
CSim83	17.10	17.10	0.00	0	1.7
CSim84	17.10	17.10	0.00	0	1.2
CSim87	16.94	16.94	0.00	0	1.6
CSim88	16.93	16.93	0.00	0	1.4
CSim89	16.88	16.88	0.00	0	0.6
CSim9	23.10	23.10	0.00	0	1.4
CSim92	16.75	16.75	0.00	0	1.6
CSim93	16.74	16.74	0.00	0	1.5
CSim94	16.70	16.70	0.00	0	0.4
D_104	3.80	0.60	3.20	84	2.0
D_107	14.80	2.20	12.60	85	1.3
D_117	18.50	2.80	15.70	85	2.0
D_124	15.40	2.30	13.10	85	1.2
D_125	18.20	2.70	15.50	85	1.4
D_13	13.90	2.10	11.80	85	1.0
D_131	16.20	10.20	6.00	37	1.7
D_140	11.10	1.70	9.40	85	1.2
D_141	14.10	2.10	12.00	85	1.5
D_147	2.00	1.50	0.50	25	2.0
D_151	17.70	2.60	15.10	85	1.0
D_154	3.20	0.60	2.60	81	1.5
D_158	18.30	2.70	15.60	85	1.3
D_159	18.80	2.80	16.00	85	1.3
D_162	10.50	1.50	9.00	86	1.5
D_167	27.20	4.10	23.10	85	1.5
D_171	14.50	2.20	12.30	85	1.2
D_175	20.20	3.00	17.20	85	1.5
D_176	25.10	3.70	21.40	85	1.5
D_18	19.70	2.90	16.80	85	1.0
D_180	13.90	2.10	11.80	85	1.3
D_181	9.80	1.50	8.30	85	1.4
D_185	14.70	2.40	12.30	84	1.3
D_19	23.50	3.40	20.10	86	1.1
D_203	15.30	5.10	10.20	67	1.6
D_219	6.30	0.90	5.40	86	1.0
D_220	8.20	1.20	7.00	85	2.0
D_225	6.90	1.40	5.50	80	1.3
D_226	5.60	0.50	5.10	91	1.3
D_227	10.50	1.50	9.00	86	1.0
D_228	18.40	12.60	5.80	32	2.5
D_229	4.90	0.50	4.40	90	1.5
D_230	22.30	3.30	19.00	85	1.2
D_231	19.00	2.80	16.20	85	1.5
D_232	30.20	27.20	3.00	10	2.2
D_233	22.60	3.40	19.20	85	1.5
D_234	12.80	1.90	10.90	85	1.2
D_235	1.50	0.20	1.30	87	1.3
D_236	15.30	2.30	13.00	85	1.5
D_237	2.30	0.30	2.00	87	1.0
D_238	12.00	1.80	10.20	85	1.5
D_239	3.30	0.30	3.00	91	1.3
D_44	9.80	1.50	8.30	85	2.0
D_59	7.50	1.10	6.40	85	2.0
D_63	18.20	2.70	15.50	85	1.8
D_69	15.30	2.30	13.00	85	2.5
D_77	5.00	0.70	4.30	86	2.0

XP-RAFTS MODEL - DEVELOPED CONDITIONS					
Node	Total Area	Pervious Area	Impervious Area	Percentage of Impervious	Slope
	(ha)	(ha)	(ha)	(%)	(%)
D_81	12.20	1.80	10.40	85	1.4
D_90	8.40	1.30	7.10	85	1.0
D_91	9.60	1.50	8.10	84	1.5
D_99	13.60	2.00	11.60	85	1.5
dummy	0.00	0.00	0.00	0	0.0
JWP01	58.93	58.93	0.00	0	2.0
LC_01	11.10	11.10	0.00	0	0.8
LC_02	8.60	8.60	0.00	0	1.1
LC_03	5.50	5.50	0.00	0	1.1
LC_04	9.20	9.20	0.00	0	1.0
LC_05	6.10	6.10	0.00	0	0.9
LC_06	13.50	13.50	0.00	0	0.7
LC_07	9.80	9.80	0.00	0	1.7
LC_08	15.60	15.60	0.00	0	1.9
LC_09	14.50	14.50	0.00	0	0.8
N-1.06	1.60	0.20	1.40	88	2.0
N-1.07	2.20	0.20	2.00	91	2.0
N-1.09	14.75	14.75	0.00	0	1.3
N-1.10	15.52	15.52	0.00	0	1.3
N-1.11	33.00	33.00	0.00	0	1.9
N-1.12	28.76	28.76	0.00	0	1.8
N-1.13	16.80	16.80	0.00	0	1.1
N-1.14	13.70	13.70	0.00	0	1.0
N-1.15	17.76	17.76	0.00	0	0.8
N-1.16	17.10	17.10	0.00	0	1.4
N-1.17	9.70	9.70	0.00	0	0.9
N-1.18	12.75	12.75	0.00	0	0.9
N-3.00	22.00	3.30	18.70	85	2.2
N-3.01	5.70	0.30	5.40	95	2.5
N-4.00	19.30	17.30	2.00	10	1.3
N-5.00	16.80	0.80	16.00	95	2.5
N-6.00	7.10	0.70	6.40	90	2.5
N-Dummy	0.00	0.00	0.00	0	1.0
node3	0.00	0.00	0.00	0	0.1
North_D	0.00	0.00	0.00	0	0.1
NU-1.00	12.64	2.53	10.11	80	2.0
NU-1.01	0.84	0.84	0.00	0	1.0
NU-1.03	1.78	1.78	0.00	0	1.0
NU-1.04b	1.06	1.06	0.00	0	3.5
NU-1.05d	0.00	0.00	0.00	0	3.5
NU-1.06	12.86	1.29	11.57	90	2.0
NU-1.07	7.97	0.80	7.17	90	3.0
NU-2.00	11.71	1.17	10.54	90	2.0
NU-3.00	2.65	0.26	2.39	90	2.0
NU-5.00	22.65	2.26	20.39	90	2.0
NU-6.00	20.05	2.00	18.05	90	1.5
NU-7.00	13.93	1.39	12.54	90	3.0
NU-7.01	6.48	0.65	5.83	90	2.0
NU-8.00	12.29	1.23	11.06	90	2.0
NU-8.01	7.50	0.75	6.75	90	2.5
NU-8.02d	0.00	0.00	0.00	0	1.5
OldBasinD	0.00	0.00	0.00	0	0.1
SC_137	477.00	358.00	119.00	25	0.8
SC_137A	35.10	35.10	0.00	0	1.2
SC_137B	20.88	20.88	0.00	0	2.5
SC_137C	15.01	15.01	0.00	0	1.5
SC_137D	15.42	15.42	0.00	0	1.0
SC_137E	15.05	15.05	0.00	0	0.4
SC_137F	33.60	33.60	0.00	0	2.5
SC_137G	90.60	90.60	0.00	0	2.2
SC_138	18.44	18.44	0.00	0	1.7
SC_139	19.30	19.30	0.00	0	1.2
SC_140	11.17	11.17	0.00	0	2.5
W-1	0.00	0.00	0.00	0	1.5
W-1.1.00	26.20	5.24	20.96	80	1.6
W-1.1.01d	0.00	0.00	0.00	0	1.5
W-1.1.02	1.11	1.11	0.00	0	1.0
W-1.1.03	2.67	2.67	0.00	0	1.0
W-1.1.04d	0.00	0.00	0.00	0	1.0
W-1.1.05	6.40	6.40	0.00	0	1.2
W-1.1.07	20.52	20.52	0.00	0	1.5
W-1.10.00	8.20	8.20	0.00	0	1.4
W-1.2.00	20.78	4.16	16.62	80	1.8
W-1.3.00	11.61	1.16	10.45	90	2.5
W-1.3.01	13.54	1.35	12.19	90	2.0
W-1.3.02	0.40	0.40	0.00	0	1.0
W-1.4.00	6.22	0.62	5.60	90	3.0
W-1.4.01	1.74	0.17	1.57	90	1.5

XP-RAFTS MODEL - DEVELOPED CONDITIONS					
Node	Total Area	Pervious Area	Impervious Area	Percentage of Impervious	Slope
	(ha)	(ha)	(ha)	(%)	(%)
W-1.5.00	16.64	1.64	15.00	90	2.0
W-1.6.00	15.16	1.52	13.64	90	3.0
W-1.6.01d	0.00	0.00	0.00	0	0.1
W-1.6.02	3.14	3.14	0.00	0	1.5
W-1.7.00	2.98	0.30	2.68	90	4.0
W-1.9.00	1.15	0.23	0.92	80	3.0
W-1.9.01	3.41	0.34	3.07	90	3.0
W-1.9.02	1.89	0.19	1.70	90	0.1
W-2	13.94	13.94	0.00	0	1.5
W-2.1.00	15.10	1.50	13.60	90	2.5
W-2.1.01	2.89	0.29	2.60	90	2.0
W-2.1.02d	0.00	0.00	0.00	0	1.5
W-2.1.03	5.19	5.19	0.00	0	1.7
W-2.2.00	2.13	0.20	1.93	91	2.0
W-2.3.00	4.68	0.69	3.99	85	2.5
W-2.4.00	4.38	0.65	3.73	85	2.5
W-2.5.00	3.36	0.50	2.86	85	2.5
W-2.6.00	1.08	0.41	0.67	62	2.5
West_D	0.00	0.00	0.00	0	0.1
West D	0.00	0.00	0.00	0	0.1

**APPENDIX B – XP-RAFTS MODELLING RESULTS**

NODE	Existing Condition Discharges									
	2 Year ARI		100 Year ARI			500 year ARI		PMP		
	Storm Duration		Storm Duration			Storm Duration		Storm Duration		
	540 min	2400 min	120 min	540 min	2400 min	120 min	2400 min	120 min	150 min	360 min
1.00	32.1	20.7	153.2	74.4	46.4	193.4	58.9	1231.5	1132.1	755.6
1.01	42.4	33.1	156.6	114.9	78.9	202.2	100.6	1602.4	1538.6	1155.8
1.02	54.5	47.3	175.1	155.3	114.8	230.8	147.0	1984.6	1977.5	1638.1
1.03	71.0	67.7	205.8	213.2	170.6	279.1	219.6	2572.1	2603.5	2343.7
1.04	74.9	76.7	213.6	235.1	190.6	294.1	246.5	2761.7	2845.6	2628.6
1.06	117.1	120.7	318.6	368.5	297.9	442.9	390.9	4511.3	4562.6	4153.9
1.08	178.0	188.2	473.1	534.1	436.1	642.4	574.1	6254.3	6456.6	6106.4
1.09	191.5	209.9	498.2	580.9	486.9	690.7	641.3	6671.7	6940.1	6749.9
1.10	192.1	212.1	498.4	583.9	493.4	690.6	649.2	6674.8	6948.6	6771.5
1.12	223.1	253.6	593.4	680.4	608.2	794.0	797.9	7956.1	8222.4	8104.5
1.13	229.8	273.9	579.3	720.4	669.3	798.9	875.5	8237.3	8594.5	8570.1
1.14	228.6	279.7	568.7	733.5	690.9	797.1	906.2	8276.7	8680.3	8711.4
1.15	282.4	355.5	737.1	942.3	902.1	1017.6	1179.9	9128.8	9623.1	10097.0
1.17	37.0	26.8	151.5	84.3	58.4	192.4	73.2	1218.2	1145.5	833.0
1.19	134.4	118.8	394.1	352.6	286.4	503.2	365.5	3244.6	3377.6	3301.4
1.21	169.9	161.9	475.3	469.1	388.3	628.4	504.5	4405.3	4633.5	4630.2
1.23	259.6	246.0	740.1	715.0	603.8	990.6	780.1	6265.6	6600.7	6973.3
1.24	263.5	250.7	737.9	723.4	617.7	990.0	798.0	6296.1	6631.4	7057.9
1.26	280.9	267.8	743.5	752.7	663.5	1000.4	857.2	6586.9	6930.2	7454.6
1.29	328.4	309.4	759.1	813.2	759.6	1047.5	979.5	7356.5	7809.0	8168.2
1.31	367.3	358.5	762.0	875.5	807.7	1062.1	1126.6	7824.6	8395.6	8943.4
1.32	390.4	385.3	775.8	913.4	928.4	1085.4	1202.6	8239.0	8862.6	9644.1
1.33	390.1	385.6	773.6	913.9	929.2	1082.9	1203.6	8217.6	8846.6	9642.6
1.35	515.8	538.8	939.1	1258.8	1286.2	1332.7	1659.3	9557.8	103.7	11847.0
2.00	40.3	26.0	193.6	93.6	58.2	244.4	73.7	1575.3	1449.7	950.9
2.01	53.9	52.6	214.5	137.2	117.7	273.0	152.1	2091.4	1980.4	1707.4
3.00	28.7	18.5	138.0	66.6	41.3	174.4	52.3	1107.9	1020.1	676.3
3.01	44.7	40.7	177.0	107.4	77.7	223.1	98.4	1519.2	1468.5	1116.1
3.02	51.3	52.8	141.0	129.2	107.9	178.3	138.7	1464.5	1550.9	1467.1
4.00	31.4	20.2	153.0	72.9	44.8	193.9	56.8	1242.3	1133.0	741.2
4.01	41.1	39.9	162.3	113.4	92.0	207.4	118.2	1557.1	1477.2	1299.5
5.00	47.0	38.1	204.8	126.6	88.9	263.2	113.2	1822.4	1748.7	1319.0
5.01	66.2	60.3	216.9	197.9	149.7	284.9	192.3	2432.9	2454.6	2143.5
5.02	69.1	68.1	208.2	209.5	167.9	275.5	215.8	2493.0	2574.5	2339.0
5.04	77.5	85.6	206.6	237.0	210.8	277.3	271.6	2717.6	2836.4	2735.6
6.00	23.5	15.3	113.2	54.9	34.3	142.7	43.5	901.3	838.3	558.4
7.00	30.0	23.3	129.4	77.4	52.6	166.7	66.8	1166.5	1114.2	805.5
8.00	51.2	40.4	217.1	133.7	93.4	279.8	119.1	1930.3	1841.2	1388.1
8.01	81.2	63.7	346.5	211.1	146.0	446.5	185.8	3073.6	2941.1	2193.8
8.02	85.6	70.8	289.9	229.6	164.6	380.8	209.8	3123.2	3045.3	2447.6
9.00	30.8	23.9	132.9	79.4	53.9	171.2	68.4	1201.1	1145.2	826.6
9.01	43.9	39.0	121.9	115.7	95.9	161.2	123.3	1518.5	1498.8	1319.2
9.03	132.0	132.8	345.7	379.1	322.4	473.6	413.6	4813.8	4852.4	4340.3
9.05	143.5	158.3	364.2	421.3	385.2	502.8	493.6	5219.3	5310.7	5045.2
9.06	144.9	175.3	344.4	437.6	431.8	482.6	555.3	5134.2	5345.2	5335.4
9.07	145.0	176.8	344.6	439.1	436.8	482.9	561.7	5137.7	5350.1	5354.9
10.00	37.0	29.0	159.1	96.1	66.2	205.2	84.2	1417.8	1348.4	997.1
11.00	24.6	16.0	119.1	57.6	35.8	150.4	45.4	951.1	882.6	585.7
12.00	49.2	31.8	233.2	114.7	72.0	295.0	91.3	1890.6	1746.2	1163.3
12.02	79.1	71.8	253.3	197.9	169.3	322.0	216.0	2515.1	2556.2	2388.8
13.00	38.6	24.8	181.1	89.4	56.4	228.8	71.7	1450.0	1343.7	909.9
13.01	54.2	43.4	193.6	121.7	107.2	245.0	140.1	1696.9	1668.3	1429.2
14.00	70.7	44.8	320.2	163.0	103.8	406.0	132.3	2574.7	2404.3	1664.4
14.01	90.4	76.6	312.6	221.7	193.5	397.5	250.6	2894.2	2847.7	2567.6
15.00	12.1	8.2	59.5	29.2	18.2	75.9	23.0	492.0	449.7	298.3
15.01	26.7	20.8	117.4	65.3	46.9	148.7	59.6	884.1	826.3	585.5
16.00	28.3	18.3	135.2	65.9	41.2	170.6	52.3	1072.5	997.3	669.5
16.01	51.1	36.6	180.2	121.4	83.6	178.9	106.3	1301.1	1247.9	1050.0
17.00	14.6	10.5	69.9	36.4	23.8	88.6	30.3	581.3	540.9	374.1
18.00	72.7	46.3	333.7	167.8	106.5	422.5	135.7	2661.5	2490.6	1710.6
19.00	15.2	13.4	69.5	43.3	31.7	89.2	40.4	623.0	593.0	455.8
20.00	46.2	35.8	196.7	118.9	81.9	253.0	104.0	1759.3	1671.4	1231.3
20.01	64.3	58.1	183.4	174.7	143.2	250.9	184.9	2202.7	2185.3	1958.7
20.03	81.5	81.2	190.1	209.2	188.7	267.1	244.6	2676.4	2723.4	2581.3
20.05	91.4	94.5	193.4	231.2	218.3	272.7	282.3	2972.7	3024.3	2911.8
20.06	103.6	107.3	217.8	257.0	247.0	275.7	318.4	3113.0	3210.0	3219.7
20.07	117.8	124.1	260.0	311.7	285.0	311.6	365.5	2965.1	3139.4	3257.1
20.08	120.9	131.9	260.3	317.8	301.5	292.3	385.2	2162.1	2304.1	2597.0
20.09	128.6	140.0	272.2	342.0	320.5	313.1	409.3	2156.8	2303.0	2650.2
20.10	133.0	144.7	280.9	354.5	331.3	323.9	422.9	2155.1	2302.6	2669.9
21.00	16.9	12.9	72.8	43.4	29.2	93.7	37.0	660.1	628.6	450.3
22.00	15.5	9.8	73.6	35.4	22.0	92.9	27.8	585.4	542.8	359.3
23.00	22.8	21.5	51.4	69.8	49.8	76.6	63.5	933.8	929.2	706.9
1.05d	117.2	120.3	319.3	368.0	297.1	443.5	390.8	4509.5	4558.2	4144.2
1.07d	166.8	173.5	446.4	497.4	401.2	605.1	527.2	5899.3	6049.5	5615.9
1.11d	216.2	241.6	576.9	655.6	573.9	769.1	754.0	7599.1	7870.9	7783.9
1.16d	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.2	4.2	4.2
1.18d	115.9	93.7	404.5	265.9	214.8	514.5	279.9	3497.4	3458.8	2980.2
1.20d	166.4	159.1	480.6	466.6	379.4	631.4	493.4	4442.0	4635.4	4647.1
1.22d	248.5	232.5	746.7	682.9	566.6	980.5	732.5	6059.6	6431.6	6682.6
1.25d	276.0	263.2	747.2	747.6	652.1	1004.6	842.9	6574.7	6910.9	7407.0
1.27d	314.7	294.6	757.7	793.7	724.7	1043.4	935.3	7181.8	7591.2	7956.6
1.28d	322.3	302.0	758.2	803.9	741.8	1045.2	956.9	7283.3	7712.7	8067.2
1.30d	358.7	343.6	772.6	856.4	837.5	1068.9	1078.7	7732.4	8257.8	8631.7
1.34d	521.2	528.2	964.7	1260.0	1258.1	1368.4	1624.1	9734.8	105.1	11725.0
1.36d	519.3	549.2	940.3	1274.2	1312.1	1334.5	1692.5	9575.1	103.9	11943.0
12.01d	73.8	47.8	352.0	172.3	107.8	444.3	136.7	2840.8	2629.0	1749.1



NODE	Existing Condition Discharges									
	2 Year ARI		100 Year ARI			500 year ARI		PMP		
	Storm Duration		Storm Duration			Storm Duration		Storm Duration		
	540 min	2400 min	120 min	540 min	2400 min	120 min	2400 min	120 min	150 min	360 min
20.02d	74.0	68.6	182.8	191.0	161.4	255.5	209.4	2477.0	2508.0	2316.9
20.04d	85.3	88.4	193.0	219.5	204.4	271.6	264.6	2862.0	2891.7	2773.7
5.03d	75.2	78.9	226.4	232.7	193.2	299.9	248.9	2661.8	2817.6	2685.4
9.02d	123.4	108.8	371.2	335.2	259.0	494.5	332.8	4419.8	4364.3	3716.8
9.04d	141.9	153.4	363.4	413.6	370.3	501.6	474.8	5186.2	5254.5	4940.7
9.08d	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.2	2.2	2.2
B-1.1.00	1.2	0.6	6.9	2.4	1.3	8.6	1.6	43.7	38.9	23.2
B-1.1.01	1.1	0.6	6.6	2.2	1.2	8.1	1.5	41.5	36.9	22.1
B-1.1.02	0.5	0.3	2.8	1.0	0.5	3.5	0.7	18.2	16.3	9.8
B-1.1.03	8.0	4.1	47.5	16.5	9.0	59.0	11.4	298.7	265.0	162.5
B-1.1.03d	6.9	4.7	30.8	15.5	10.6	43.0	13.3	298.9	276.6	182.4
B-1.1.04	7.2	4.8	31.2	16.0	10.9	43.5	13.8	305.6	283.4	187.1
B-1.1.05	7.5	5.0	31.9	16.8	11.5	44.4	14.5	315.8	293.4	194.1
B-1.1.06	7.7	5.2	32.3	17.3	11.9	45.1	15.1	323.9	301.3	200.0
B-1.2.00	2.3	1.2	13.6	4.7	2.6	17.0	3.3	86.6	76.7	46.7
B-1.3.00	4.8	2.5	29.1	9.8	5.4	36.2	6.8	182.2	161.7	97.0
B-1.3.01	6.4	3.3	38.6	13.1	7.2	47.9	9.1	240.8	213.3	129.4
B-1.3.02b	6.9	4.7	30.8	15.5	10.6	43.0	13.3	298.9	276.6	182.4
B-1.4.00	1.2	0.6	7.9	2.5	1.4	9.8	1.7	49.5	43.4	25.0
B-1.4.01	1.5	0.8	9.6	3.1	1.7	11.9	2.1	59.7	52.4	30.3
B-1.5.00	1.1	0.5	6.7	2.1	1.2	8.3	1.5	41.6	36.3	21.0
B-1.6.00	0.1	0.1	0.7	0.2	0.1	0.9	0.2	4.4	3.8	2.3
B-1.7.00	0.3	0.2	1.9	0.6	0.3	2.3	0.4	11.5	10.2	6.1
B-2.1.00	0.1	0.1	0.9	0.3	0.2	1.1	0.2	5.5	4.8	2.8
B-2.1.01	0.4	0.2	2.5	0.8	0.4	3.1	0.6	15.2	13.4	7.9
B-2.1.02	0.5	0.3	2.7	1.2	0.8	3.4	1.0	20.0	18.4	12.5
B-3.1.00	0.6	0.3	3.9	1.2	0.7	4.7	0.8	24.2	21.2	12.2
B-3.1.01	1.9	1.0	9.7	3.8	2.1	12.0	2.6	59.8	61.3	37.6
B-3.1.02	2.2	1.1	10.9	4.4	2.4	13.6	3.0	70.7	68.4	43.3
B-3.1.03d	2.8	2.5	10.5	8.4	5.9	16.0	7.8	155.2	144.7	105.3
B-3.1.04	3.0	2.7	10.8	8.8	6.2	16.6	8.1	162.2	150.9	109.8
B-3.1.05	3.2	2.8	11.2	9.2	6.5	17.2	8.5	168.0	156.7	114.0
B-3.1.06	3.3	2.9	11.5	9.7	6.8	17.8	8.9	174.6	163.0	118.9
B-3.10.00	0.5	0.4	1.5	1.4	1.0	2.1	1.2	19.8	18.7	13.7
B-3.2.00	0.3	0.1	1.6	0.5	0.3	2.0	0.4	10.1	8.9	5.1
B-3.3.00	0.2	0.1	1.0	0.3	0.2	1.3	0.2	6.5	5.7	3.3
B-3.4.00	0.5	0.3	3.4	1.1	0.6	4.2	0.7	20.8	18.2	10.6
B-3.5.00	0.8	0.4	5.0	1.6	0.9	6.1	1.1	30.4	26.8	15.5
B-3.5.01	2.3	1.2	14.4	4.7	2.6	17.8	3.2	88.1	78.1	46.2
B-3.6.00	0.2	0.1	1.3	0.4	0.2	1.7	0.3	8.5	7.5	4.3
B-3.7.00	0.2	0.1	1.3	0.4	0.2	1.7	0.3	8.2	7.2	4.2
B-3.8.00	0.3	0.2	2.0	0.7	0.4	2.5	0.5	12.4	10.8	6.4
B-3.8.01	0.5	0.2	3.0	1.0	0.5	3.7	0.7	18.2	16.0	9.5
B-3.8.02	0.6	0.4	3.2	1.5	1.1	4.0	1.3	24.0	22.2	15.8
B-3.9.00	0.5	0.3	3.1	1.0	0.5	3.8	0.7	18.7	16.5	9.8
B-4.1.00	1.4	0.7	9.1	2.9	1.6	11.4	2.0	56.2	49.3	28.6
B-4.1.01d	1.8	1.0	6.6	4.7	3.3	10.5	4.2	93.2	86.2	58.6
B-4.1.02	2.2	1.3	8.4	5.8	4.0	12.8	5.0	110.1	102.3	70.0
B-4.1.03	2.4	1.5	9.0	6.2	4.3	13.5	5.4	117.9	109.2	74.7
B-4.1.04d	2.7	2.0	8.3	7.3	5.5	12.2	6.9	137.5	128.7	91.7
B-4.1.05	2.9	2.1	9.0	8.0	6.0	13.1	7.5	147.1	138.1	98.9
B-4.2.00	0.3	0.2	2.0	0.6	0.3	2.5	0.4	12.3	10.9	6.3
B-4.3.00	1.1	0.6	7.3	2.2	1.2	9.1	1.5	44.6	38.9	22.3
B-4.4.00	0.2	0.1	1.0	0.5	0.3	1.3	0.3	7.8	7.1	4.6
B-4.5.00	0.6	0.3	3.8	1.2	0.7	4.6	0.8	23.6	20.7	11.9
B-4.6.00	0.5	0.2	3.0	1.0	0.5	3.7	0.7	18.1	15.9	9.5
B-4.7.00	0.4	0.2	2.6	0.8	0.5	3.2	0.6	16.5	14.5	8.4
B-4.7.01	0.5	0.4	2.8	1.3	0.9	3.6	1.1	21.4	19.9	13.6
B-5.1.00	1.1	0.7	3.3	2.6	1.7	4.5	2.1	39.1	36.8	26.5
B-5.2.00	1.0	0.7	3.0	2.6	1.8	4.0	2.3	38.2	35.9	26.2
B-6.1.00	1.1	0.7	3.1	2.5	1.6	4.3	2.1	37.7	35.6	25.6
B-6.2.00	0.8	0.6	2.6	2.0	1.2	3.6	1.6	29.8	27.9	20.3
B-6.3.00	0.5	0.3	2.0	1.2	0.7	2.6	0.9	18.9	17.4	12.6
Basin_A	9.1	4.8	53.3	18.9	10.4	66.5	13.1	345.5	304.4	187.1
Basin_B	1.7	0.8	10.3	3.4	1.8	12.8	2.3	65.2	57.2	33.2
Basin_E	8.3	4.3	43.3	17.1	9.4	53.9	11.9	265.4	235.8	168.4
Basin_G	9.2	4.9	52.7	19.2	10.6	65.3	13.4	336.8	298.9	189.3
Basin_I	5.6	2.9	32.3	11.4	6.3	40.1	7.9	203.5	178.6	113.0
Basin_J	3.0	1.5	19.1	6.1	3.3	23.8	4.2	118.4	103.7	60.3
Basin_K	1.8	0.9	11.2	3.6	2.0	14.0	2.5	69.1	60.8	35.9
Basin_M	3.3	2.1	14.0	8.6	5.6	19.1	7.0	150.0	137.4	98.1
Basin_P	2.6	1.3	15.7	5.3	2.9	19.4	3.7	102.3	89.8	52.6
BC_1.00	1.3	0.9	5.8	3.3	1.9	7.5	2.4	49.4	45.7	32.8
BC_1.01	4.1	2.8	20.3	10.3	6.0	26.1	7.6	164.3	149.9	104.4
BC_1.02	6.0	3.9	28.6	14.6	8.6	37.0	10.9	229.0	209.7	146.1
BC_1.04D	7.1	4.8	18.4	14.6	10.6	28.5	13.3	266.3	247.9	175.0
BC_1.05	13.1	9.3	29.8	25.6	19.9	41.7	27.7	556.7	520.2	372.0
BC_1.06	17.6	12.7	39.3	34.6	27.1	53.3	35.5	754.2	706.0	509.5
BC_1.07	18.2	13.1	41.6	36.0	28.1	55.1	36.5	774.4	724.4	523.4
BC_1.08	32.1	23.2	76.2	68.1	52.3	105.6	64.8	1307.2	1234.0	899.3
BC_1.09	35.1	25.4	86.6	76.1	58.2	114.8	72.1	1393.3	1335.7	980.6
BC_1.10_D	37.8	27.3	94.3	82.2	62.5	123.4	77.6	1479.2	1416.2	1040.2
BC_1.11_D	40.8	29.2	107.5	88.4	66.8	141.1	83.0	1586.5	1510.6	1107.4
BC_1.12	42.7	30.5	112.5	93.1	70.1	148.0	87.1	1653.1	1573.9	1154.5
BC_1.13	43.0	31.0	113.8	94.6	71.1	149.5	88.5	1648.2	1580.0	1168.0
BC_1.14	43.9	31.6	116.5	96.8	72.7	153.1	90.4	1677.6	1608.6	1191.3
BC_1.15	50.4	36.8	136.8	114.8	85.7	178.8	107.0	1878.9	1807.2	1365.1

NODE	Existing Condition Discharges									
	2 Year ARI		100 Year ARI			500 year ARI		PMP		
	Storm Duration		Storm Duration			Storm Duration		Storm Duration		
	540 min	2400 min	120 min	540 min	2400 min	120 min	2400 min	120 min	150 min	360 min
BC 1.16	51.5	37.7	140.1	117.7	87.9	183.1	109.8	1910.3	1838.0	1395.6
BC 1.17	54.9	40.7	150.6	126.8	95.1	196.4	119.2	1980.6	1909.7	1484.3
BC 1.18	56.1	41.9	153.0	130.3	98.2	199.9	123.2	1983.7	1929.3	1518.1
BC 1.19	59.0	44.3	161.6	138.5	104.9	210.5	131.8	2032.7	1983.8	1591.9
BC 1.20	59.7	45.2	163.0	140.8	107.2	212.7	134.6	2033.0	1989.5	1607.9
BC 1.21	61.1	46.7	166.1	144.6	110.8	217.1	139.2	2053.5	2011.5	1641.0
BC 1.22	62.1	48.1	168.0	147.7	114.1	219.6	143.4	2056.6	2020.9	1664.9
BC 1.23	63.2	49.3	170.7	151.0	117.2	223.0	147.3	2075.7	2041.5	1693.3
BC 10.00	1.2	0.9	3.5	3.0	2.1	4.7	2.6	44.4	41.9	30.5
BC 11.00	0.4	0.3	1.1	1.1	0.8	1.5	1.0	15.0	14.4	10.7
BC 12.00	0.2	0.2	0.7	0.6	0.4	0.9	0.5	8.1	7.7	5.6
BC 2.00	3.8	2.6	17.2	9.5	5.7	22.3	7.2	146.0	134.7	96.1
BC 2.01D	4.8	3.2	21.5	11.9	7.1	28.0	9.0	185.9	171.3	120.8
BC 3.00	2.7	1.8	12.4	6.7	4.0	16.3	5.0	104.5	96.3	68.6
BC 4.00	1.2	0.7	5.4	2.6	1.4	6.9	1.8	41.8	38.2	25.7
BC 5.00	1.6	1.0	6.9	3.8	2.2	9.0	2.7	58.2	53.8	37.9
BC 5.01	3.2	2.1	13.9	7.8	4.7	18.0	5.9	115.9	107.0	78.1
BC 5.03	8.3	6.1	21.1	17.9	14.1	31.7	17.6	347.6	326.0	237.1
BC 5.04	9.1	6.7	23.0	20.2	15.9	35.1	19.8	385.6	361.0	262.6
BC 6.00	2.7	1.8	12.8	6.7	3.9	16.7	4.9	105.3	96.9	68.3
BC 7.00	3.0	2.0	13.0	7.3	4.3	17.0	5.5	111.6	103.7	74.6
BC 8.00	2.9	1.6	14.5	6.3	3.5	18.6	4.4	105.8	95.9	62.1
BC 8.01	3.4	2.0	15.4	7.6	4.3	19.8	5.5	120.0	111.1	75.8
BC 9.00	0.4	0.2	1.7	0.8	0.4	2.2	0.5	13.3	12.1	7.7
BC Bsn 1	9.6	6.4	38.5	23.2	14.1	50.8	17.8	341.4	317.9	234.3
BC Bsn 2	3.4	2.2	14.8	8.3	4.9	19.4	6.2	127.3	118.3	84.3
BC Bsn 3	6.0	4.0	27.0	15.0	8.9	35.3	11.3	232.5	215.8	152.0
BC Bsn 4	7.6	4.9	35.5	18.1	10.7	46.2	13.5	284.3	259.5	178.7
BC Dummy	0.4	0.2	1.7	0.8	0.4	2.2	0.5	13.3	12.1	7.7
CSim10	1.6	1.3	4.7	5.0	3.6	6.4	4.6	66.3	65.4	50.2
CSim102	12.9	6.6	50.7	26.3	14.4	63.1	18.2	350.1	332.6	245.7
CSim103	11.4	8.3	33.4	30.5	21.0	45.3	26.6	394.2	383.1	298.6
CSim104	0.7	0.6	2.2	2.2	1.5	3.0	1.9	29.7	28.6	21.3
CSim105	6.5	3.3	31.6	13.1	7.1	39.2	9.0	213.3	198.4	129.1
CSim107	1.6	1.2	4.8	4.4	3.0	6.5	3.8	62.9	59.4	43.6
CSim109	3.0	2.0	9.5	7.2	4.5	13.1	5.7	108.6	101.2	73.4
CSim11	10.4	7.5	30.9	27.4	18.7	41.8	23.7	366.5	355.7	270.0
CSim111	7.0	5.0	29.8	18.4	11.9	39.1	15.1	289.8	269.3	185.3
CSim114	1.5	1.1	4.6	4.3	2.9	6.2	3.7	60.3	57.7	42.6
CSim115	2.3	1.7	6.9	6.2	4.2	9.3	5.3	87.0	83.4	61.7
CSim117	0.8	0.6	2.5	2.2	1.5	3.3	1.9	31.9	30.0	22.0
CSim118	16.7	12.2	49.3	44.6	30.7	66.9	38.9	538.2	530.1	427.6
CSim12	59.1	35.1	181.2	121.7	76.3	226.3	96.4	1252.1	1225.0	1009.0
CSim120	60.2	36.2	184.3	124.6	79.2	230.4	100.0	1266.7	1243.6	1036.7
CSim121	5.2	3.9	15.6	14.5	10.0	21.2	12.7	198.5	192.1	143.1
CSim122	15.9	11.6	47.3	42.6	29.3	64.1	37.1	524.5	515.0	410.5
CSim123	10.0	6.9	33.1	23.2	16.7	44.9	21.0	366.8	348.1	259.7
CSim124	0.8	0.6	2.4	2.2	1.5	3.2	1.9	30.9	29.1	21.4
CSim125	2.4	1.8	7.3	6.5	4.5	9.8	5.6	93.1	88.9	65.3
CSim128	0.6	0.5	1.9	2.0	1.5	2.6	1.9	26.7	26.3	20.1
CSim129	26.8	14.1	94.9	54.8	30.6	118.0	38.7	669.2	641.6	494.8
CSim13	24.4	17.5	84.2	62.9	43.3	113.3	54.8	912.0	873.7	650.2
CSim130	22.6	16.2	79.0	57.7	39.7	106.2	50.1	860.9	821.7	602.2
CSim131	1.7	1.2	4.9	4.3	2.9	6.6	3.7	62.6	59.1	43.3
CSim132	4.2	2.1	18.6	8.5	4.6	23.1	5.9	128.0	116.2	83.8
CSim133	1.6	1.2	4.7	4.5	3.1	6.3	3.9	62.4	59.7	44.2
CSim135	1.6	1.2	4.9	4.6	3.2	6.7	4.0	64.4	62.1	45.8
CSim137	30.5	16.5	101.6	62.3	35.9	126.3	45.3	706.3	681.7	556.3
CSim139	14.5	10.5	43.4	38.5	26.4	58.7	33.4	487.0	476.7	373.1
CSim14	4.4	3.1	22.2	11.5	7.2	28.6	9.2	192.7	175.8	117.7
CSim140	0.8	0.6	2.3	2.1	1.5	3.2	1.8	30.6	28.8	21.2
CSim141	1.6	1.2	4.9	4.3	2.9	6.5	3.6	62.4	59.0	43.0
CSim142	1.3	0.7	7.6	2.7	1.5	9.6	1.8	51.3	45.1	26.4
CSim143	0.8	0.6	2.5	2.2	1.5	3.3	1.8	31.5	29.7	21.7
CSim144	4.6	3.6	13.6	14.5	10.6	18.6	13.5	183.6	182.6	144.8
CSim148	1.7	1.2	5.1	4.5	3.1	6.8	3.9	65.4	61.9	45.2
CSim15	1.9	1.0	10.6	3.8	2.1	13.3	2.6	72.6	63.8	37.4
CSim150	6.1	4.4	27.2	16.2	10.4	35.6	13.2	261.5	240.7	164.2
CSim151	25.8	18.7	88.4	66.9	46.2	119.0	58.4	938.2	902.4	683.9
CSim153	1.3	0.7	7.4	2.7	1.5	9.4	1.8	50.9	44.7	26.2
CSim154	5.0	3.6	14.8	13.0	8.8	20.0	11.1	180.3	174.0	129.4
CSim156	1.3	0.7	7.7	2.6	1.4	9.7	1.8	50.9	44.7	26.1
CSim157	14.2	7.3	55.6	28.9	15.8	69.6	20.0	374.6	355.8	264.1
CSim158	3.3	2.4	9.8	8.5	5.7	13.2	7.3	121.9	116.2	85.6
CSim159	0.8	0.6	2.4	2.1	1.4	3.2	1.8	30.7	28.9	21.2
CSim16	9.2	6.7	27.4	24.3	16.6	37.0	21.0	333.4	321.8	240.7
CSim160	19.2	10.0	72.4	39.2	21.7	89.6	27.4	516.7	498.9	366.2
CSim161	0.9	0.6	2.7	2.2	1.4	3.7	1.8	32.8	31.0	22.4
CSim162	1.5	1.1	4.6	4.2	2.8	6.2	3.6	59.0	56.3	41.4
CSim163	1.3	0.7	7.4	2.6	1.4	9.3	1.8	50.4	44.3	25.9
CSim164	2.9	1.5	13.8	5.8	3.2	17.1	4.0	95.2	84.8	57.2
CSim165	10.3	5.2	42.5	20.9	11.4	52.7	14.4	300.8	283.1	202.8
CSim167	0.9	0.6	2.7	2.2	1.4	3.7	1.8	32.7	30.9	22.4
CSim169	1.0	0.6	3.0	2.3	1.4	4.2	1.8	34.6	32.3	23.4
CSim170	0.7	0.5	2.0	2.0	1.4	2.8	1.8	27.6	26.7	19.9
CSim171	2.3	1.7	7.0	6.3	4.3	9.3	5.4	89.8	86.0	63.1
CSim174	1.0	0.6	2.9	2.2	1.4	4.0	1.8	34.0	31.8	23.0

NODE	Existing Condition Discharges									
	2 Year ARI		100 Year ARI			500 year ARI		PMP		
	Storm Duration		Storm Duration			Storm Duration		Storm Duration		
	540 min	2400 min	120 min	540 min	2400 min	120 min	2400 min	120 min	150 min	360 min
CSim176	0.8	0.6	2.4	2.1	1.4	3.2	1.8	30.5	28.7	21.0
CSim177	14.3	10.2	46.5	35.3	25.0	63.3	31.5	524.6	507.6	378.2
CSim178	56.8	33.2	176.6	116.7	72.2	220.6	91.2	1236.3	1201.2	975.8
CSim179	25.8	13.4	93.0	52.6	29.1	115.6	36.8	657.1	627.2	476.4
CSim18	4.0	3.0	12.0	11.3	7.9	16.2	10.0	156.7	150.9	113.3
CSim180	1.7	1.2	5.1	4.5	3.1	6.8	3.9	64.9	61.9	45.3
CSim181	10.6	7.8	31.4	28.5	19.5	42.6	24.7	377.2	365.3	280.4
CSim182	2.6	1.3	14.2	5.3	2.9	17.7	3.6	96.3	87.4	52.1
CSim184	1.3	0.7	7.6	2.6	1.4	9.5	1.8	50.2	44.1	25.7
CSim185	6.5	4.7	19.4	17.2	11.6	26.2	14.7	235.5	227.6	170.3
CSim187	2.1	1.4	6.3	4.9	3.1	8.8	3.9	73.4	68.5	49.8
CSim189	7.8	3.9	35.8	15.7	8.6	44.8	10.8	244.1	228.6	154.6
CSim19	9.9	7.2	29.5	26.6	18.1	40.0	22.9	359.7	347.5	263.0
CSim191	7.6	5.5	31.6	20.4	13.3	41.6	16.9	313.5	293.1	204.6
CSim192	2.1	1.7	6.1	6.7	5.0	8.4	6.3	86.5	85.4	67.7
CSim193	1.3	0.7	7.3	2.6	1.4	9.2	1.8	49.9	43.9	25.7
CSim195	0.9	0.6	2.6	2.1	1.4	3.5	1.8	31.7	30.0	21.7
CSim196	5.5	2.8	24.6	11.1	6.1	30.6	7.6	161.1	148.0	109.1
CSim198	0.8	0.6	2.4	2.1	1.4	3.2	1.8	30.5	28.7	21.0
CSim20	58.0	34.1	179.1	119.4	74.2	223.6	93.7	1245.6	1213.5	994.7
CSim201	1.0	0.6	3.0	2.3	1.4	4.2	1.8	34.2	32.0	23.1
CSim202	3.9	2.0	19.3	7.9	4.3	24.2	5.4	131.0	119.8	77.6
CSim203	0.9	0.6	2.5	2.1	1.4	3.4	1.8	31.4	29.7	21.6
CSim204	101.2	66.3	287.8	223.9	156.1	364.3	197.5	2102.6	2138.1	1843.9
CSim205	2.6	1.3	13.4	5.2	2.8	16.7	3.6	85.9	81.0	51.2
CSim206	0.5	0.5	1.5	1.8	1.4	2.2	1.8	22.3	22.8	18.5
CSim209	1.3	0.7	7.2	2.6	1.4	9.1	1.8	49.8	43.8	25.6
CSim21	0.7	0.6	1.9	2.4	1.9	2.6	2.4	27.3	28.2	24.6
CSim210	1.1	1.0	3.0	3.7	2.8	4.3	3.6	43.9	45.2	37.8
CSim212	5.6	2.9	27.5	11.4	6.2	34.3	7.9	187.2	169.3	112.4
CSim213	1.3	0.7	7.3	2.6	1.4	9.3	1.8	49.8	43.8	25.6
CSim214	6.3	3.2	25.5	12.8	7.0	31.5	8.9	181.4	171.2	123.1
CSim215	59.6	35.7	182.4	122.7	77.7	227.8	98.2	1255.4	1230.7	1020.9
CSim216	65.1	39.8	197.2	136.6	88.7	246.9	112.1	1326.4	1311.3	1130.0
CSim217	15.3	7.9	59.6	31.2	17.2	74.3	21.8	390.1	373.6	281.8
CSim218	2.8	2.0	8.2	7.3	5.0	11.2	6.3	106.2	100.3	73.8
CSim219	0.9	0.6	2.6	2.1	1.4	3.5	1.8	31.8	30.2	21.8
CSim22	5.1	2.6	22.2	10.2	5.6	27.4	7.1	154.7	145.5	101.2
CSim221	4.4	2.2	22.9	8.8	4.8	28.7	6.1	154.2	138.0	86.9
CSim222	1.3	1.0	3.7	3.9	2.8	5.2	3.6	52.5	51.6	39.4
CSim225	1.6	1.1	4.6	3.9	2.7	6.2	3.4	57.3	54.1	39.6
CSim226	1.6	1.2	4.9	4.3	2.9	6.5	3.7	63.1	59.8	43.7
CSim228	0.9	0.6	2.7	2.2	1.5	3.6	1.9	33.0	31.3	22.6
CSim229	0.8	0.5	2.2	2.0	1.3	3.0	1.7	28.4	26.8	19.6
CSim23	3.3	1.7	17.0	6.6	3.6	21.2	4.5	108.8	102.7	65.0
CSim230	1.5	1.1	4.4	4.1	2.8	6.0	3.6	57.9	55.8	41.1
CSim231	6.4	4.7	19.2	17.9	12.4	26.0	15.8	250.8	241.9	180.1
CSim232	0.9	0.6	2.9	2.2	1.4	3.9	1.8	33.5	31.5	22.8
CSim233	0.8	0.6	2.4	2.1	1.4	3.3	1.8	31.0	29.2	21.3
CSim234	3.0	2.2	9.2	8.3	5.7	12.4	7.2	118.0	113.7	83.6
CSim236	0.8	0.6	2.4	2.1	1.4	3.2	1.8	30.5	28.7	21.0
CSim24	3.1	1.6	17.2	6.2	3.4	21.5	4.3	119.0	104.9	61.4
CSim240	3.4	2.6	10.0	9.8	6.9	13.7	8.8	134.2	128.4	96.2
CSim34	0.9	0.7	2.8	2.7	1.9	3.8	2.3	37.7	35.8	26.4
CSim35	1.7	0.9	9.7	3.4	1.9	12.2	2.4	65.5	57.7	33.7
CSim36	3.8	2.8	12.2	10.1	7.0	17.7	8.8	158.9	148.9	107.6
CSim37	55.9	32.5	174.6	114.8	70.8	218.2	89.4	1228.2	1192.4	962.3
CSim40	16.8	8.6	68.9	34.0	18.6	85.2	23.5	492.6	461.9	328.0
CSim42	15.2	7.7	65.9	30.7	16.8	81.7	21.2	462.4	431.2	301.7
CSim46	1.2	0.8	4.1	2.9	1.8	5.7	2.2	44.0	40.8	29.5
CSim47	5.3	3.8	24.8	14.0	9.0	32.3	11.4	230.4	211.4	143.4
CSim49	1.9	1.4	5.6	5.2	3.6	7.6	4.5	73.9	70.4	51.8
CSim5	54.7	31.7	172.0	112.3	68.9	214.9	87.0	1216.5	1180.4	944.8
CSim51	0.9	0.7	2.8	2.5	1.7	3.7	2.2	36.4	34.3	25.2
CSim53	18.1	13.3	52.7	48.4	33.9	71.4	43.0	556.1	552.1	461.3
CSim55	1.6	0.8	8.5	3.2	1.7	10.6	2.2	60.5	53.4	31.3
CSim56	13.1	9.5	39.2	34.5	23.5	52.8	29.8	447.0	436.8	335.9
CSim57	64.5	39.3	195.5	135.0	87.3	244.7	110.3	1317.8	1302.9	1117.9
CSim58	3.7	2.3	19.7	8.7	5.2	25.1	6.6	152.4	137.2	88.1
CSim60	63.6	38.6	193.3	132.9	85.6	241.9	108.1	1308.3	1292.9	1103.1
CSim61	23.4	16.8	81.5	60.1	41.3	109.6	52.2	884.5	845.7	623.9
CSim62	1.1	0.8	3.5	2.7	1.7	4.9	2.2	40.6	38.1	27.4
CSim64	2.4	1.8	7.3	6.9	4.8	9.9	6.0	95.6	92.1	68.3
CSim65	1.0	0.7	2.9	2.5	1.7	3.9	2.1	36.7	34.7	25.2
CSim67	52.0	29.8	166.8	106.7	64.8	208.4	81.9	1187.1	1150.3	906.1
CSim69	1.0	0.7	2.9	2.5	1.7	3.8	2.1	36.4	34.3	24.9
CSim7	29.5	15.8	99.6	60.3	34.4	123.8	43.4	697.5	672.5	542.2
CSim71	17.4	12.7	51.1	46.6	32.3	69.2	40.9	548.3	542.0	444.6
CSim72	5.4	2.7	23.6	10.9	6.0	29.4	7.5	165.6	155.1	107.5
CSim73	0.8	0.6	2.4	2.4	1.6	3.3	2.1	32.8	31.3	23.3
CSim75	1.5	0.8	8.5	3.0	1.6	10.7	2.1	57.2	50.4	29.5
CSim76	4.8	3.6	14.1	13.5	9.5	19.0	12.0	176.7	172.0	133.8
CSim78	1.1	0.7	3.5	2.6	1.6	4.9	2.0	39.7	37.0	26.7
CSim81	4.2	3.0	12.4	10.9	7.4	16.7	9.3	152.9	146.9	108.8
CSim83	1.0	0.7	2.8	2.4	1.6	3.8	2.0	35.7	33.7	24.4
CSim84	18.1	9.3	70.8	36.8	20.2	87.6	25.5	505.9	483.9	348.2
CSim85	72.6	45.5	214.6	154.2	104.1	269.3	131.5	1405.4	1392.2	1254.8

NODE	Existing Condition Discharges									
	2 Year ARI		100 Year ARI			500 year ARI		PMP		
	Storm Duration		Storm Duration			Storm Duration		Storm Duration		
	540 min	2400 min	120 min	540 min	2400 min	120 min	2400 min	120 min	150 min	360 min
CSim87	1.5	0.7	8.3	2.9	1.6	10.5	2.0	56.2	49.4	28.9
CSim88	0.9	0.6	2.6	2.3	1.6	3.5	2.0	34.0	31.9	23.4
CSim89	68.2	42.1	205.2	144.3	95.0	257.3	120.1	1367.9	1352.5	1189.7
CSim9	2.0	1.0	10.8	4.0	2.2	13.6	2.8	76.5	67.3	39.4
CSim90	25.1	18.1	86.4	65.1	44.8	116.4	56.7	927.0	889.9	668.3
CSim91	100.6	65.8	286.7	222.6	154.9	363.0	195.9	2096.2	2131.0	1836.8
CSim92	3.4	1.7	17.7	6.9	3.8	22.1	4.8	116.9	109.1	68.0
CSim93	1.4	0.7	8.2	2.9	1.6	10.3	2.0	55.5	48.8	28.6
CSim94	0.5	0.5	1.4	1.8	1.5	2.0	1.9	21.0	21.8	19.2
CSim99	3.1	2.3	9.5	8.6	5.9	12.8	7.4	122.0	116.5	85.6
dummy	541.1	641.3	944.0	1380.7	1522.3	1340.2	1992.1	9590.1	104.3	12583.0
Dummy_3	2.3	1.6	6.8	5.9	4.0	9.2	5.0	85.7	80.7	59.2
JWP01	2.8	2.1	8.5	8.0	5.5	11.6	7.0	112.8	107.0	78.9
LC_01	71.8	44.9	213.1	152.6	102.5	267.5	129.5	1400.5	1386.0	1245.1
LC_02	73.3	46.2	216.1	155.8	105.7	271.4	133.6	1410.6	1399.1	1264.8
LC_03	99.9	65.3	285.5	221.1	153.4	361.4	194.0	2087.8	2121.7	1828.2
LC_04	101.8	66.9	289.1	225.5	157.6	365.9	199.4	2110.4	2146.8	1852.6
LC_05	112.1	75.4	309.2	248.9	179.7	391.2	227.4	2262.6	2314.2	2044.2
LC_06	112.6	75.8	309.9	250.0	180.9	392.1	228.9	2265.8	2318.1	2050.6
LC_07	113.1	76.3	310.6	251.1	182.2	393.0	230.6	2269.2	2322.1	2057.4
LC_08	113.6	76.9	311.3	252.4	183.7	393.9	232.4	2272.5	2326.2	2064.7
LC_09	115.7	78.9	315.4	258.1	189.3	399.4	239.6	2295.9	2353.0	2101.1
N-1.05	7.7	5.4	24.6	21.3	14.8	35.6	18.7	326.3	310.2	230.6
N-1.06	8.4	5.9	26.8	23.3	16.1	38.5	20.3	349.8	334.1	249.3
N1.06d	9.5	6.7	29.8	26.3	18.2	42.6	23.1	389.8	375.0	279.6
N-1.07	10.6	7.5	33.0	29.1	20.1	47.0	25.4	422.7	407.4	306.3
N-1.08	11.1	7.8	34.4	30.4	21.0	48.9	26.6	437.4	421.9	318.6
N-1.09	11.8	8.3	36.4	32.3	22.3	51.6	28.2	458.0	441.9	336.2
N-1.10	12.6	8.9	38.5	34.4	23.7	54.6	30.0	479.0	462.7	354.7
N-1.11	14.3	10.2	43.0	39.0	26.9	60.8	34.1	521.2	506.1	395.2
N-1.12	15.4	11.0	46.1	42.4	29.5	64.9	37.4	557.2	542.5	428.9
N-1.13	22.6	16.5	66.5	63.0	43.9	92.9	55.7	766.6	758.8	622.8
N-1.14	23.3	17.0	68.4	64.9	45.3	95.5	57.5	784.4	775.8	640.4
N-1.15	26.0	19.2	75.6	72.5	51.0	105.2	64.8	855.0	845.6	709.5
N-1.16	27.0	19.9	78.0	75.0	53.0	108.4	67.3	875.5	867.3	731.9
N-1.17	27.4	20.2	78.9	76.1	53.9	109.6	68.4	883.2	876.0	741.1
N-1.18	30.9	23.1	86.9	85.1	61.3	120.3	77.9	946.6	949.8	817.4
N-3.00	0.5	0.3	1.7	1.2	0.7	2.3	0.9	18.2	17.0	12.3
N-4.00	1.1	0.8	3.1	3.1	2.2	4.3	2.7	42.6	40.8	30.3
North_D	7.1	5.3	20.7	19.7	13.7	28.0	17.3	256.3	249.5	194.3
NU-1.00	1.1	0.6	6.4	2.2	1.2	7.9	1.5	40.3	35.9	21.6
NU-1.01	2.4	1.2	13.6	4.8	2.6	17.1	3.3	88.9	78.0	47.5
NU-1.03	2.5	1.3	14.1	5.1	2.8	17.9	3.5	93.5	82.3	50.2
NU-1.04b	4.4	2.3	19.8	9.2	5.0	24.8	6.4	148.3	131.1	90.2
NU-1.05d	4.5	3.2	16.2	13.9	9.3	24.6	11.9	219.1	207.0	150.9
NU-1.06	5.1	3.6	17.9	15.6	10.5	26.5	13.4	237.9	226.6	166.2
NU-1.07	6.7	4.6	21.5	18.8	13.1	31.3	16.6	289.3	276.9	205.2
NU-2.00	1.0	0.5	6.3	2.0	1.1	7.9	1.4	39.1	34.1	20.0
NU-3.00	0.2	0.1	1.4	0.5	0.3	1.8	0.3	9.2	8.0	4.6
NU-5.00	1.9	1.0	12.2	3.9	2.1	15.2	2.7	73.8	65.1	38.6
NU-6.00	1.7	0.9	10.6	3.5	1.9	13.3	2.4	65.5	57.4	34.2
NU-7.00	1.2	0.6	7.5	2.4	1.3	9.4	1.7	47.5	41.6	23.9
NU-7.01	1.7	0.9	10.7	3.5	1.9	13.4	2.4	68.9	60.4	34.9
NU-8.00	1.1	0.5	6.6	2.1	1.2	8.3	1.5	41.0	35.8	21.0
NU-8.01	1.7	0.9	10.6	3.4	1.9	13.2	2.4	65.2	57.3	33.8
NU-8.02d	1.1	0.7	2.6	2.4	1.8	4.0	2.3	49.7	46.8	33.3
OldBasinD	4.3	2.3	19.4	9.0	4.9	24.2	6.2	145.8	128.8	88.4
SC_137	522.4	556.7	941.3	1285.0	1328.3	1334.5	1721.6	9579.6	10403.0	12031.0
SC_137A	521.7	556.7	939.5	1284.1	1328.6	1331.7	1721.8	9551.5	10376.0	12024.0
SC_137B	521.7	557.0	939.5	1284.4	1329.1	1331.7	1722.7	9551.5	10376.0	12025.0
SC_137C	522.4	559.3	939.8	1287.5	1334.3	1332.0	1730.8	9553.8	10379.0	12044.0
SC_137D	522.4	559.5	939.8	1287.8	1334.7	1332.1	1731.5	9553.9	10379.0	12046.0
SC_137E	522.6	559.9	939.8	1288.3	1335.5	1332.1	1732.8	9554.3	10379.0	12048.0
SC_137F	523.7	564.9	940.0	1294.5	1346.8	1332.4	1751.0	9556.5	10383.0	12087.0
SC_137G	524.1	566.6	940.1	1296.2	1350.6	1332.6	1756.6	9557.1	10383.0	12097.0
SC_138	524.2	566.9	940.1	1296.4	1351.3	1332.6	1757.6	9557.2	10383.0	12099.0
SC_139	532.2	603.8	941.5	1337.8	1436.7	1334.5	1877.3	9572.1	10407.0	12388.0
SC_140	532.6	605.7	941.6	1339.6	1440.8	1334.7	1883.1	9572.7	10407.0	12399.0
W-1	8.2	5.6	28.7	17.9	12.6	38.7	15.8	295.7	277.4	204.6
W-1.1.00	2.2	1.1	12.8	4.5	2.5	16.0	3.1	82.2	72.8	44.6
W-1.1.01d	3.9	2.0	23.1	8.1	4.4	29.0	5.6	147.7	130.9	80.0
W-1.1.02	4.0	2.1	23.4	8.3	4.5	29.4	5.7	150.7	133.7	81.7
W-1.1.03	4.1	2.2	24.0	8.7	4.8	30.2	6.0	157.5	140.0	86.1
W-1.1.04d	7.0	4.7	26.2	15.3	10.3	35.3	13.1	249.2	233.0	168.7
W-1.1.05	7.2	4.9	26.8	16.0	10.9	36.1	13.8	259.6	242.9	176.5
W-1.1.07	9.2	6.4	31.1	21.1	15.2	42.1	19.2	340.0	321.6	238.7
W-1.10.00	0.3	0.3	1.0	1.1	0.8	1.4	1.0	14.3	14.0	10.6
W-1.2.00	1.7	0.9	10.3	3.6	2.0	12.9	2.5	65.5	58.2	35.4
W-1.3.00	1.0	0.5	6.3	2.0	1.1	7.8	1.4	39.3	34.3	19.8
W-1.3.01	2.2	1.1	13.1	4.3	2.4	16.4	3.0	83.5	73.2	42.9
W-1.3.02	2.2	1.1	13.2	4.4	2.4	16.5	3.0	84.6	74.1	43.6
W-1.4.00	0.5	0.3	3.4	1.1	0.6	4.2	0.7	21.5	18.8	10.9
W-1.4.01	1.2	0.6	7.3	2.5	1.4	9.1	1.7	47.1	41.4	24.5
W-1.5.00	1.4	0.7	9.0	2.9	1.6	11.3	2.0	55.0	48.3	28.4
W-1.6.00	1.3	0.7	8.2	2.6	1.4	10.2	1.8	51.5	45.2	26.0
W-1.6.01d	0.9	0.6	1.7	1.6	1.5	2.3	1.7	31.1	30.2	23.8
W-1.6.02	1.0	0.7	2.2	2.0	1.8	3.0	2.0	37.1	36.1	28.0

NODE	Existing Condition Discharges									
	2 Year ARI		100 Year ARI			500 year ARI		PMP		
	Storm Duration		Storm Duration			Storm Duration		Storm Duration		
	540 min	2400 min	120 min	540 min	2400 min	120 min	2400 min	120 min	150 min	360 min
W-1.7.00	0.3	0.1	1.7	0.5	0.3	2.1	0.4	10.4	9.2	5.3
W-1.9.00	0.1	0.1	0.6	0.2	0.1	0.8	0.1	3.8	3.4	2.0
W-1.9.01	0.4	0.2	2.5	0.8	0.4	3.2	0.5	15.7	13.8	8.0
W-1.9.02	0.5	0.3	3.4	1.1	0.6	4.2	0.8	21.1	18.6	11.0
W-2	2.9	2.1	9.9	7.6	5.1	14.4	6.5	121.8	113.6	81.4
W-2.1.00	1.3	0.7	8.2	2.6	1.4	10.2	1.8	50.9	44.6	25.8
W-2.1.01	1.7	0.9	10.9	3.5	1.9	13.6	2.4	68.2	59.8	34.3
W-2.1.02d	1.7	0.9	10.9	3.5	1.9	13.6	2.4	68.2	59.8	34.3
W-2.1.03	2.0	1.4	7.3	5.3	3.5	10.9	4.4	87.1	81.4	57.8
W-2.2.00	0.2	0.1	1.2	0.4	0.2	1.5	0.3	7.4	6.5	3.7
W-2.3.00	0.4	0.2	2.5	0.8	0.4	3.1	0.6	15.7	13.8	8.0
W-2.4.00	0.4	0.2	2.3	0.8	0.4	2.9	0.5	14.7	12.9	7.5
W-2.5.00	0.3	0.2	1.8	0.6	0.3	2.2	0.4	11.3	10.0	5.8
W-2.6.00	0.1	0.1	0.5	0.2	0.1	0.7	0.1	3.5	3.1	1.8
West_D	5.8	4.6	17.0	18.3	13.4	23.4	17.0	229.9	229.1	182.8

NODE	Developed Condition Discharges									
	2 Year ARI		100 Year ARI			500 year ARI		PMP		
	Storm Duration		Storm Duration			Storm Duration		Storm Duration		
	540 min	2400 min	120 min	540 min	2400 min	120 min	2400 min	120 min	150 min	360 min
1.00	32.09	20.69	153.20	74.38	46.39	193.39	58.85	1214.2	1120.6	747.8
1.01	42.40	33.13	156.63	114.87	78.85	202.16	100.62	1582.6	1521.7	1141.8
1.02	54.49	47.28	175.06	155.31	114.80	230.78	146.97	1958.3	1953.5	1619.0
1.03	71.03	67.72	205.77	213.17	170.55	279.07	219.62	2537.2	2571.4	2316.3
1.04	74.89	76.67	213.62	235.10	190.64	294.12	246.52	2724.3	2810.0	2598.2
1.06	117.12	120.66	318.62	368.54	297.89	442.93	390.88	4453.6	4506.5	4108.7
1.08	177.96	188.22	473.12	534.11	436.12	642.43	574.14	6174.8	6382.5	6040.6
1.09	191.49	209.85	498.15	580.86	486.92	690.71	641.32	6585.1	6858.5	6674.9
1.10	192.08	212.07	498.39	583.86	493.36	690.59	649.15	6586.8	6866.2	6696.2
1.12	223.11	253.61	593.41	680.38	608.16	794.03	797.91	7849.4	8119.7	8013.0
1.13	229.80	273.92	579.26	720.42	669.33	798.85	875.47	8124.8	8488.6	8473.3
1.14	228.62	279.69	568.66	733.49	690.85	797.06	906.17	8162.5	8574.5	8611.9
1.15	282.38	355.52	737.07	942.29	902.09	1017.60	1179.90	9004.9	9521.1	9981.5
1.17	36.98	26.77	151.54	84.27	58.37	192.44	73.22	1203.8	1132.8	824.4
1.19	134.38	118.75	394.10	352.58	286.36	503.20	365.47	3200.0	3333.9	3260.3
1.21	169.88	161.93	475.31	469.12	388.29	628.38	504.47	4345.1	4572.7	4576.8
1.23	259.63	245.95	740.05	714.97	603.81	990.56	780.14	6183.2	6508.6	6925.7
1.24	263.47	250.74	737.89	723.37	617.66	990.02	798.01	6210.1	6539.5	7007.3
1.26	280.94	267.82	743.54	752.71	663.53	1000.40	857.20	6496.6	6837.2	7398.0
1.29	328.36	309.41	759.07	813.24	759.55	1047.50	979.50	7262.6	7713.2	8105.0
1.31	367.29	358.50	761.96	875.46	870.71	1062.10	1126.60	7722.8	8291.2	8890.7
1.32	390.38	385.26	775.76	913.43	928.41	1085.40	1202.60	8132.3	8751.2	9588.0
1.33	390.09	385.58	773.61	913.93	929.23	1082.90	1203.60	8110.3	8735.4	9584.9
1.35	515.75	538.77	939.12	1258.84	1286.21	1332.70	1659.30	9431.3	10243.0	11747.0
2.00	40.26	26.03	193.58	93.64	58.15	244.41	73.71	1558.1	1435.3	941.2
2.01	53.92	52.63	214.50	137.23	117.73	273.02	152.09	2065.3	1948.8	1686.7
3.00	28.69	18.50	137.97	66.58	41.25	174.40	52.27	1094.7	1009.8	669.2
3.01	44.71	40.70	176.97	107.44	77.65	223.14	98.42	1500.4	1454.6	1103.2
3.02	51.32	52.84	141.02	129.20	107.93	178.30	138.71	1445.6	1534.5	1451.6
4.00	31.38	20.20	153.03	72.92	44.82	193.91	56.75	1228.0	1121.3	733.6
4.01	41.12	39.94	162.28	113.40	92.01	207.39	118.17	1538.0	1462.5	1284.9
5.00	46.96	38.10	204.76	126.63	88.87	263.15	113.19	1799.0	1723.2	1304.6
5.01	66.24	60.31	216.90	197.86	149.67	284.86	192.25	2405.2	2421.2	2119.3
5.02	69.14	68.12	208.16	209.45	167.88	275.46	215.78	2464.4	2539.5	2312.0
5.04	77.50	85.59	206.56	237.01	210.82	277.30	271.64	2684.4	2799.2	2704.2
6.00	23.52	15.25	113.21	54.91	34.28	142.74	43.46	890.9	829.9	552.7
7.00	29.99	23.25	129.35	77.37	52.58	166.69	66.76	1151.9	1102.6	797.1
8.00	51.17	40.41	217.08	133.67	93.44	279.78	119.06	1900.1	1824.6	1374.1
8.01	81.17	63.66	346.45	211.05	146.03	446.49	185.84	3030.3	2913.2	2171.3
8.02	85.61	70.75	289.95	229.61	164.55	380.80	209.79	3081.9	3014.2	2421.3
9.00	30.82	23.85	132.87	79.40	53.89	171.21	68.42	1185.8	1132.6	817.9
9.01	43.90	39.01	121.94	115.70	95.85	161.17	123.29	1499.1	1482.5	1304.2
9.03	132.00	132.81	345.74	379.10	322.42	473.61	413.55	4749.4	4799.1	4288.5
9.05	143.54	158.31	364.17	421.27	385.20	502.77	493.60	5149.9	5252.0	4984.9
9.06	144.85	175.27	344.38	437.58	431.78	482.58	555.31	5065.2	5285.5	5272.5
9.07	145.03	176.81	344.57	439.12	436.77	482.85	561.72	5068.8	5290.4	5291.8
10.00	37.01	29.01	159.12	96.10	66.18	205.16	84.22	1400.9	1336.4	986.5
11.00	24.63	16.01	119.13	57.60	35.82	150.35	45.40	939.7	873.7	579.6
12.00	49.19	31.81	233.18	114.68	71.98	295.01	91.33	1861.6	1739.0	1151.3
12.02	79.10	71.79	253.33	197.88	169.31	322.00	215.96	2482.3	2526.1	2359.6
13.00	38.55	24.75	181.10	89.44	56.40	228.82	71.70	1423.5	1322.2	900.5
13.01	54.17	43.37	193.59	121.66	107.17	244.97	140.14	1672.5	1649.0	1413.1
14.00	70.70	44.77	320.15	162.99	103.84	405.99	132.34	2542.6	2383.7	1646.8
14.01	90.39	76.55	312.63	221.65	193.50	397.46	250.55	2856.7	2815.8	2542.0
15.00	12.08	8.18	59.52	29.17	18.20	75.88	23.04	486.3	445.1	295.1
15.01	26.66	20.81	117.44	65.35	46.89	148.70	59.58	874.2	817.7	579.5
16.00	28.31	18.33	135.24	65.88	41.21	170.59	52.29	1060.2	987.1	662.6
16.01	51.05	36.56	180.20	121.36	83.58	178.88	106.34	1273.6	1230.7	1039.0
17.00	14.63	10.48	69.90	36.38	23.82	88.63	30.25	574.2	535.1	370.2
18.00	72.70	46.30	333.68	167.75	106.48	422.47	135.70	2634.0	2479.1	1693.0
19.00	15.17	13.41	69.49	43.31	31.66	89.23	40.42	615.2	586.7	450.8
20.00	46.22	35.81	196.67	118.87	81.87	252.99	103.95	1734.6	1655.6	1217.9
20.01	64.26	58.10	183.45	174.70	143.20	250.92	184.92	2165.8	2159.9	1937.4
20.03	81.45	81.18	190.05	209.22	188.74	267.10	244.58	2640.3	2690.1	2550.6
20.05	91.41	94.49	193.40	231.18	218.30	272.71	282.31	2932.8	2989.0	2876.3
20.06	103.58	107.32	217.78	257.03	246.98	275.72	318.39	3070.6	3171.2	3180.0
20.07	117.77	124.09	259.97	311.71	285.02	311.57	365.48	2920.2	3100.1	3218.1
20.08	120.93	131.91	260.26	317.80	301.45	292.27	385.19	2135.6	2279.8	2568.6
20.09	128.56	140.01	272.24	342.02	320.52	313.08	409.31	2130.4	2278.8	2621.6
20.10	133.02	144.70	280.87	354.51	331.26	323.86	422.87	2128.8	2278.6	2641.0
21.00	16.93	12.94	72.82	43.35	29.16	93.66	37.02	652.2	621.6	445.5
22.00	15.48	9.83	73.55	35.35	21.96	92.87	27.83	578.7	537.4	355.6
23.00	22.80	21.45	51.36	69.80	49.84	76.56	63.49	920.5	918.6	699.6
1.05d	117.22	120.34	319.35	367.95	297.08	443.50	390.83	4451.9	4502.0	4099.1
1.07d	166.78	173.50	446.43	497.38	401.15	605.06	527.24	5824.3	5980.7	5555.6
1.11d	216.23	241.63	576.87	655.56	573.85	769.08	753.98	7500.3	7770.2	7695.7
1.16d	4.01	4.01	4.03	4.02	4.02	4.03	4.02	4.2	4.2	4.2
1.18d	115.93	93.72	404.53	265.92	214.75	514.47	279.86	3464.6	3420.6	2944.9
1.20d	166.44	159.14	480.64	466.63	379.35	631.35	493.42	4382.5	4574.2	4583.8
1.22d	248.49	232.50	746.71	682.90	566.62	980.50	732.54	5986.1	6342.6	6634.3
1.25d	275.95	263.17	747.20	747.59	652.13	1004.60	842.87	6485.7	6815.5	7352.1
1.27d	314.66	294.61	757.70	793.74	724.74	1043.40	935.25	7085.4	7499.0	7896.4
1.28d	322.27	302.00	758.16	803.93	741.75	1045.20	956.92	7191.0	7618.4	8005.2
1.30d	358.73	343.62	772.59	856.35	837.50	1068.90	1078.70	7633.5	8158.0	8582.3
1.34d	521.24	528.17	964.65	1260.03	1258.11	1368.40	1624.10	9611.7	10383.0	11642.0
1.36d	519.33	549.21	940.27	1274.24	1312.11	1334.50	1692.50	9448.6	10267.0	11842.0
12.01d	73.82	47.82	352.04	172.29	107.81	444.34	136.74	2801.1	2612.9	1731.1
20.02d	73.96	68.61	182.81	190.99	161.36	255.45	209.42	2438.1	2480.4	2291.6
20.04d	85.32	88.35	193.00	219.46	204.39	271.61	264.59	2824.0	2857.7	2739.0
5.03d	75.24	78.85	226.35	232.70	193.20	299.93	248.92	2630.9	2779.6	2654.4
9.02d	123.44	108.83	371.20	335.16	258.97	494.45	332.79	4363.4	4316.3	3674.8
9.04d	141.87	153.37	363.42	413.60	370.32	501.63	474.76	5118.3	5196.5	4880.7
9.08d	2.01	2.00	2.02	2.01	2.01	2.03	2.01	2.2	2.2	2.1
B-1.1.00	1.15	0.59	6.89	2.35	1.28	8.55	1.62	43.2	38.5	23.0

NODE	Developed Condition Discharges									
	2 Year ARI		100 Year ARI			500 year ARI		PMP		
	Storm Duration		Storm Duration			Storm Duration		Storm Duration		
	540 min	2400 min	120 min	540 min	2400 min	120 min	2400 min	120 min	150 min	360 min
B-1.1.01	1.10	0.56	6.56	2.23	1.22	8.13	1.54	41.0	36.6	21.9
B-1.1.02	0.49	0.25	2.82	0.99	0.54	3.54	0.68	18.0	16.2	9.7
B-1.1.03	7.98	4.14	47.50	16.45	9.02	58.97	11.38	295.4	262.5	160.8
B-1.1.03d	6.92	4.65	30.76	15.50	10.55	42.97	13.34	295.5	273.9	180.5
B-1.1.04	7.16	4.80	31.19	16.00	10.92	43.54	13.80	302.1	280.6	185.1
B-1.1.05	7.51	5.04	31.89	16.75	11.45	44.42	14.47	312.3	290.5	192.1
B-1.1.06	7.69	5.19	32.34	17.32	11.90	45.07	15.05	320.2	298.2	198.0
B-1.2.00	2.28	1.19	13.59	4.72	2.59	16.96	3.26	85.7	76.0	46.2
B-1.3.00	4.79	2.47	29.12	9.81	5.37	36.24	6.78	180.2	160.2	96.0
B-1.3.01	6.37	3.29	38.55	13.09	7.17	47.91	9.05	238.2	211.3	128.1
B-1.3.02b	6.92	4.65	30.76	15.50	10.55	42.97	13.34	295.5	273.9	180.5
B-1.4.00	1.24	0.63	7.89	2.51	1.37	9.81	1.74	49.0	43.0	24.7
B-1.4.01	1.51	0.77	9.59	3.06	1.67	11.91	2.11	59.1	51.8	30.0
B-1.5.00	1.05	0.53	6.65	2.12	1.16	8.25	1.47	41.1	35.9	20.8
B-1.6.00	0.11	0.06	0.70	0.22	0.12	0.88	0.15	4.3	3.8	2.2
B-1.7.00	0.30	0.15	1.87	0.61	0.34	2.31	0.42	11.4	10.1	6.0
B-12.00	0.22	0.16	0.65	0.55	0.37	0.87	0.47	8.0	7.6	5.5
B-2.1.00	0.14	0.07	0.87	0.28	0.15	1.08	0.19	5.5	4.8	2.8
B-2.1.01	0.39	0.20	2.48	0.80	0.44	3.10	0.55	15.0	13.2	7.8
B-2.1.02	0.47	0.32	2.66	1.21	0.79	3.36	1.00	19.8	18.2	12.3
B-3.1.00	0.60	0.31	3.86	1.22	0.67	4.73	0.84	24.0	21.0	12.1
B-3.1.01	1.88	0.96	9.74	3.80	2.08	12.00	2.62	59.2	60.7	37.2
B-3.1.02	2.15	1.10	10.89	4.38	2.40	13.56	3.02	70.0	67.7	42.8
B-3.1.03d	2.83	2.52	10.47	8.40	5.93	16.03	7.77	153.4	143.2	104.2
B-3.1.04	3.01	2.65	10.82	8.79	6.21	16.64	8.13	160.4	149.4	108.7
B-3.1.05	3.18	2.78	11.17	9.15	6.46	17.21	8.47	166.1	155.1	112.8
B-3.1.06	3.34	2.90	11.54	9.66	6.84	17.75	8.94	172.6	161.3	117.6
B-3.10.00	0.52	0.37	1.52	1.38	0.96	2.05	1.21	19.6	18.5	13.6
B-3.2.00	0.25	0.13	1.60	0.51	0.28	2.00	0.35	10.0	8.8	5.1
B-3.3.00	0.16	0.08	1.02	0.32	0.18	1.27	0.22	6.4	5.6	3.2
B-3.4.00	0.53	0.27	3.38	1.07	0.59	4.21	0.74	20.6	18.0	10.5
B-3.5.00	0.77	0.39	4.96	1.57	0.86	6.07	1.08	30.1	26.5	15.3
B-3.5.01	2.31	1.18	14.40	4.67	2.56	17.76	3.23	87.1	77.4	45.7
B-3.6.00	0.21	0.11	1.33	0.42	0.23	1.67	0.29	8.4	7.4	4.2
B-3.7.00	0.21	0.11	1.33	0.42	0.23	1.65	0.29	8.1	7.1	4.1
B-3.8.00	0.32	0.16	2.04	0.65	0.35	2.52	0.45	12.2	10.7	6.3
B-3.8.01	0.47	0.24	2.97	0.96	0.53	3.68	0.66	18.1	15.9	9.4
B-3.8.02	0.58	0.40	3.17	1.54	1.05	3.99	1.33	23.7	22.0	15.6
B-3.9.00	0.49	0.25	3.06	0.99	0.54	3.84	0.68	18.5	16.3	9.7
B-4.1.00	1.43	0.73	9.12	2.89	1.58	11.35	2.00	55.6	48.8	28.3
B-4.1.01d	1.81	1.04	6.59	4.68	3.30	10.48	4.18	92.1	85.3	57.9
B-4.1.02	2.23	1.33	8.42	5.76	3.96	12.81	5.00	110.4	102.2	69.3
B-4.1.03	2.41	1.46	9.13	6.23	4.27	13.57	5.40	118.2	109.0	74.0
B-4.1.04d	2.70	1.97	8.35	7.30	5.46	12.33	6.85	136.8	127.8	91.0
B-4.1.05	2.91	2.13	9.00	8.03	6.00	13.14	7.54	146.3	137.1	98.1
B-4.2.00	0.31	0.16	1.97	0.62	0.34	2.46	0.43	12.2	10.8	6.3
B-4.3.00	1.10	0.56	7.30	2.24	1.23	9.07	1.54	44.1	38.5	22.1
B-4.4.00	0.23	0.12	1.46	0.46	0.25	1.82	0.32	9.2	8.1	4.6
B-4.5.00	0.59	0.30	3.77	1.19	0.65	4.61	0.82	23.4	20.5	11.8
B-4.6.00	0.47	0.24	2.97	0.96	0.52	3.71	0.66	17.9	15.8	9.4
B-4.7.00	0.41	0.21	2.60	0.83	0.45	3.21	0.57	16.3	14.3	8.3
B-4.7.01	0.50	0.35	2.84	1.33	0.88	3.58	1.12	21.1	19.7	13.5
B-5.1.00	1.24	0.64	7.63	2.55	1.40	9.57	1.76	47.4	41.5	25.0
B-5.1.01	1.89	0.98	11.52	3.89	2.13	14.43	2.69	71.1	62.9	38.1
B-5.2.00	0.92	0.65	2.70	2.34	1.59	3.61	2.00	33.9	31.9	23.3
B-5.3.00	0.20	0.10	1.25	0.41	0.23	1.54	0.29	7.8	6.9	4.1
B-6.1.00	1.67	0.87	10.35	3.45	1.89	12.90	2.38	63.2	56.0	33.8
B-6.2.00	0.81	0.53	2.55	1.88	1.18	3.48	1.50	28.2	26.5	19.2
B-6.3.00	2.15	1.13	13.38	4.48	2.45	16.67	3.10	81.6	72.3	43.8
Basin_1	1.65	0.88	10.12	3.47	1.91	12.73	2.41	63.1	55.8	34.0
Basin_2	3.14	1.73	13.71	6.76	3.78	17.18	4.77	104.3	96.0	66.0
Basin_3	15.84	9.80	70.49	36.76	22.09	88.73	27.90	513.3	477.6	349.4
Basin_3A	13.70	8.14	64.44	30.96	17.90	80.96	22.60	432.1	404.7	294.3
Basin_4	9.94	5.44	51.99	21.62	12.38	65.17	15.67	348.9	317.7	212.1
Basin_5	7.43	5.42	26.52	19.41	13.10	38.33	16.65	324.6	299.3	214.9
Basin_5A	3.61	1.95	21.39	7.67	4.24	26.72	5.35	139.9	123.2	75.2
Basin_5B	4.42	2.95	16.90	10.56	6.52	22.35	8.23	153.7	143.4	103.4
Basin_6	10.91	7.75	32.88	29.72	20.92	45.65	26.52	404.5	400.5	306.1
Basin_6A	10.55	7.41	37.90	27.93	19.61	48.23	24.82	415.0	395.2	291.0
Basin_7A	2.15	1.13	13.38	4.48	2.45	16.67	3.10	81.6	72.3	43.9
Basin_7B	1.89	0.98	11.53	3.89	2.13	14.43	2.69	71.2	63.0	38.1
Basin_8	3.02	1.61	17.95	6.34	3.52	22.56	4.44	113.2	102.0	62.2
Basin_A	9.09	4.77	53.26	18.89	10.39	66.46	13.12	341.8	301.5	185.2
Basin_A1	3.36	1.79	20.64	7.07	3.90	25.79	4.92	129.2	113.9	69.5
Basin_A3	1.18	0.63	7.23	2.48	1.37	9.03	1.73	45.4	39.9	24.4
Basin_B	1.65	0.84	10.34	3.35	1.84	12.81	2.32	64.5	56.6	32.8
Basin_B1	1.51	0.79	9.29	3.13	1.72	11.66	2.17	57.2	50.6	30.7
Basin_B2	0.83	0.43	5.09	1.69	0.93	6.28	1.17	31.3	27.7	16.6
Basin_B3	0.84	0.48	5.00	2.05	1.36	6.21	1.73	32.9	29.8	20.6
Basin_E	8.28	4.32	43.26	17.12	9.44	53.86	11.91	262.6	233.5	166.7
Basin_G	9.24	4.85	52.70	19.22	10.58	65.34	13.36	333.2	296.0	187.4
Basin_J	5.61	2.87	32.30	11.42	6.27	40.14	7.92	201.3	176.8	111.8
Basin_J	3.00	1.53	19.13	6.09	3.34	23.79	4.22	117.1	102.7	59.7
Basin_K	1.79	0.92	11.23	3.63	1.99	13.96	2.52	68.3	60.2	35.6
Basin_M	3.27	2.06	14.47	8.59	5.57	19.66	7.04	150.0	136.9	97.2
Basin_P	2.62	1.34	15.66	5.32	2.92	19.41	3.68	101.2	88.9	52.1
BC_1.00	1.30	0.86	5.82	3.25	1.90	7.49	2.39	48.8	45.3	32.5
BC_1.01	4.14	2.76	20.30	10.29	6.04	26.05	7.63	162.6	148.4	103.3
BC_1.02	5.99	3.92	28.64	14.58	8.60	36.95	10.86	226.5	207.6	144.5
BC_1.04D	7.08	4.83	18.36	14.55	10.60	28.49	13.32	263.2	245.3	173.1
BC_1.05	13.06	9.32	29.82	25.56	19.90	41.68	27.71	550.3	514.9	367.9
BC_1.06	17.55	12.69	39.26	34.61	27.10	53.29	35.50	745.5	698.7	503.8
BC_1.07	18.20	13.14	41.55	36.01	28.11	55.11	36.50	765.4	716.9	517.6
BC_1.08	32.14	23.16	76.23	68.05	52.30	105.58	64.78	1291.2	1221.4	889.2



NODE	Developed Condition Discharges									
	2 Year ARI		100 Year ARI			500 year ARI		PMP		
	Storm Duration		Storm Duration			Storm Duration		Storm Duration		
	540 min	2400 min	120 min	540 min	2400 min	120 min	2400 min	120 min	150 min	360 min
BC 1.09	35.10	25.43	86.56	76.10	58.17	114.81	72.08	1375.8	1321.9	969.7
BC 1.10 D	37.79	27.27	94.25	82.23	62.50	123.41	77.56	1460.8	1401.7	1028.7
BC 1.11 D	40.84	29.24	107.53	88.40	66.82	141.07	83.01	1567.0	1495.3	1095.0
BC 1.12	42.65	30.53	112.49	93.09	70.05	148.01	87.10	1632.8	1557.9	1141.5
BC 1.13	43.00	30.95	113.77	94.56	71.13	149.45	88.46	1627.3	1563.8	1155.0
BC 1.14	43.88	31.59	116.47	96.77	72.70	153.07	90.43	1656.4	1591.8	1178.0
BC 1.15	50.35	36.82	136.85	114.78	85.68	178.77	106.97	1854.3	1788.3	1349.9
BC 1.16	51.45	37.72	140.12	117.69	87.92	183.10	109.78	1885.4	1818.5	1380.1
BC 1.17	54.90	40.73	150.60	126.82	95.13	196.40	119.24	1955.1	1889.6	1467.7
BC 1.18	56.06	41.94	152.99	130.27	98.24	199.89	123.21	1957.6	1908.5	1501.0
BC 1.19	59.01	44.32	161.66	138.47	104.85	210.55	131.74	2005.4	1962.4	1574.0
BC 1.20	59.70	45.22	162.85	140.74	107.14	212.55	134.62	2004.3	1966.1	1588.8
BC 1.21	60.97	46.57	165.58	144.37	110.50	216.55	139.12	2020.7	1983.1	1615.6
BC 1.22	62.00	47.78	167.81	147.56	113.95	219.34	143.32	2021.5	1989.5	1635.0
BC 1.23	63.13	48.99	170.45	150.85	116.98	222.74	147.17	2039.2	2009.3	1662.3
BC 10.00	1.21	0.86	3.51	3.04	2.07	4.69	2.61	43.9	41.5	30.1
BC 11.00	0.35	0.28	1.09	1.08	0.76	1.50	0.96	14.8	14.3	10.6
BC 2.00	3.84	2.58	17.18	9.45	5.67	22.27	7.17	144.3	133.3	95.0
BC 2.01D	4.80	3.23	21.49	11.91	7.10	28.00	8.97	183.8	169.6	119.5
BC 3.00	2.72	1.82	12.43	6.69	3.99	16.27	5.04	103.3	95.4	67.9
BC 4.00	1.15	0.66	5.38	2.58	1.43	6.88	1.81	41.4	37.8	25.4
BC 5.00	1.55	0.98	6.92	3.76	2.15	9.01	2.71	57.5	53.2	37.5
BC 5.01	3.16	2.11	13.86	7.76	4.65	17.95	5.87	114.5	105.9	77.2
BC 5.03	8.28	6.05	21.10	17.91	14.12	31.72	17.62	343.4	322.7	234.5
BC 5.04	9.14	6.72	22.96	20.22	15.86	35.07	19.83	381.1	357.4	259.7
BC 6.00	2.73	1.78	12.78	6.72	3.89	16.71	4.92	104.1	95.9	67.6
BC 7.00	2.98	1.98	12.96	7.34	4.33	17.00	5.47	110.3	102.6	73.7
BC 8.00	2.91	1.58	14.48	6.25	3.45	18.56	4.35	104.6	95.0	61.5
BC 8.01	3.37	1.97	15.35	7.60	4.32	19.82	5.46	118.7	109.9	75.0
BC 9.00	0.37	0.19	1.70	0.77	0.42	2.15	0.53	13.1	12.0	7.6
BC Basin	7.58	4.88	35.52	18.10	10.69	46.16	13.51	281.2	256.9	176.8
BC Basin	3.36	2.24	14.78	8.27	4.94	19.40	6.24	125.9	117.1	83.4
BC Basin	9.55	6.38	38.46	23.18	14.10	50.75	17.81	337.5	314.7	231.8
BC Bsn3We	6.04	4.04	26.97	14.99	8.93	35.29	11.28	229.9	213.5	150.3
BC Dummy	0.37	0.19	1.70	0.77	0.42	2.15	0.53	13.1	12.0	7.6
CSim10	0.78	0.59	2.34	2.34	1.65	3.22	2.09	32.1	30.9	23.0
CSim102	12.93	6.61	50.72	26.26	14.39	63.14	18.16	346.3	329.5	243.2
CSim104	0.23	0.17	0.71	0.59	0.39	0.98	0.50	8.8	8.3	6.0
CSim105	6.47	3.28	31.62	13.07	7.14	39.20	9.02	211.0	196.4	127.8
CSim109	3.04	2.02	9.49	7.18	4.53	13.14	5.73	107.3	100.2	72.6
CSim11	10.43	7.53	30.92	27.43	18.72	41.83	23.69	362.0	352.0	267.0
CSim111	6.97	4.98	29.77	18.40	11.92	39.11	15.07	286.5	266.5	183.4
CSim114	1.52	1.13	4.60	4.26	2.94	6.21	3.72	59.6	57.1	42.1
CSim115	0.56	0.39	2.67	1.43	0.89	3.44	1.13	22.2	20.3	14.5
CSim118	16.66	12.16	49.31	44.57	30.72	66.87	38.91	532.0	524.6	422.9
CSim12	59.08	35.05	181.19	121.65	76.32	226.27	96.37	1239.0	1213.4	998.8
CSim120	60.22	36.17	184.35	124.58	79.21	230.41	100.02	1253.4	1231.8	1026.2
CSim121	5.24	3.91	15.59	14.50	10.01	21.15	12.66	196.1	190.2	141.5
CSim122	15.92	11.59	47.26	42.56	29.26	64.10	37.06	518.4	509.7	405.9
CSim123	9.95	6.93	33.12	23.20	16.65	44.86	20.96	362.4	344.4	256.8
CSim128	0.64	0.51	1.88	2.02	1.46	2.58	1.85	26.3	26.0	19.9
CSim129	26.84	14.06	94.93	54.84	30.62	117.98	38.66	662.1	635.5	489.8
CSim13	24.02	17.26	83.28	61.79	42.47	112.07	53.67	888.3	851.5	631.6
CSim130	22.61	16.18	78.98	57.65	39.69	106.19	50.13	850.8	813.1	595.7
CSim132	4.19	2.13	18.63	8.48	4.63	23.08	5.85	126.6	115.1	82.9
CSim133	1.55	1.17	4.67	4.46	3.09	6.34	3.92	61.6	59.0	43.7
CSim135	1.79	1.35	5.34	5.13	3.57	7.28	4.52	70.3	68.1	50.5
CSim137	30.47	16.47	101.64	62.29	35.87	126.29	45.29	698.8	675.2	550.7
CSim139	14.54	10.53	43.35	38.53	26.35	58.65	33.36	481.3	471.8	369.0
CSim14	4.35	3.08	22.20	11.48	7.24	28.57	9.15	190.4	174.0	116.4
CSim140	0.46	0.31	1.34	1.14	0.76	1.84	0.96	16.7	15.9	11.4
CSim141	2.79	2.04	7.04	5.96	4.22	11.82	5.77	134.6	123.6	81.7
CSim142	1.32	0.67	7.60	2.67	1.46	9.56	1.84	50.7	44.7	26.1
CSim143	0.83	0.59	2.46	2.15	1.45	3.31	1.83	31.1	29.4	21.4
CSim144	5.36	3.97	14.70	14.21	10.51	20.52	13.65	220.9	209.4	157.7
CSim148	1.70	1.23	5.09	4.49	3.05	6.82	3.85	64.6	61.2	44.7
CSim15	1.87	0.95	10.58	3.78	2.07	13.33	2.61	71.8	63.2	37.0
CSim150	6.14	4.37	27.18	16.15	10.42	35.56	13.18	258.5	238.2	162.5
CSim151	25.67	18.74	88.04	67.97	48.19	118.76	61.92	928.3	899.7	700.2
CSim153	1.31	0.66	7.42	2.65	1.45	9.36	1.83	50.4	44.3	25.9
CSim156	1.31	0.66	7.73	2.64	1.44	9.67	1.82	50.3	44.3	25.9
CSim157	14.19	7.27	55.62	28.85	15.83	69.63	19.98	370.6	352.4	261.4
CSim16	9.21	6.66	27.36	24.26	16.58	36.97	20.98	329.4	318.3	238.0
CSim160	19.18	9.95	72.44	39.22	21.67	89.61	27.36	511.3	494.2	362.5
CSim161	0.91	0.62	2.70	2.20	1.43	3.69	1.81	32.4	30.7	22.2
CSim163	1.30	0.66	7.41	2.62	1.43	9.34	1.81	49.9	43.9	25.7
CSim164	2.86	1.45	13.79	5.79	3.16	17.13	4.00	94.2	84.0	56.6
CSim165	10.32	5.24	42.53	20.88	11.42	52.65	14.42	297.7	280.5	200.7
CSim169	0.97	0.64	3.04	2.27	1.42	4.20	1.80	34.1	32.0	23.1
CSim170	0.45	0.33	1.36	1.28	0.88	1.87	1.11	18.1	17.1	12.6
CSim171	4.01	2.89	10.02	8.45	6.16	16.48	8.10	179.3	164.5	112.8
CSim174	0.95	0.63	2.93	2.24	1.42	4.04	1.79	33.5	31.5	22.8
CSim177	14.29	10.16	46.53	35.29	24.96	63.32	31.49	518.4	502.3	374.1
CSim178	56.82	33.16	176.62	116.73	72.20	220.63	91.16	1223.4	1189.8	965.9
CSim179	25.75	13.38	93.02	52.61	29.14	115.62	36.79	650.0	621.3	471.5
CSim182	2.61	1.32	14.19	5.27	2.88	17.73	3.63	95.2	86.6	51.5
CSim184	1.29	0.65	7.61	2.60	1.42	9.53	1.79	49.6	43.6	25.5
CSim187	2.07	1.38	6.34	4.89	3.11	8.81	3.93	72.6	67.8	49.2
CSim189	7.75	3.93	35.84	15.66	8.56	44.75	10.81	241.6	226.4	153.0
CSim191	7.63	5.49	31.55	20.36	13.32	41.64	16.85	309.9	290.1	202.4
CSim192	1.27	1.02	3.75	4.04	3.00	5.23	3.82	52.3	51.4	40.7
CSim193	1.28	0.65	7.28	2.59	1.42	9.19	1.79	49.3	43.5	25.4
CSim195	0.86	0.60	2.55	2.14	1.41	3.45	1.78	31.3	29.7	21.5
CSim196	5.47	2.78	24.57	11.07	6.05	30.59	7.64	159.3	146.6	108.0



NODE	Developed Condition Discharges									
	2 Year ARI		100 Year ARI			500 year ARI		PMP		
	Storm Duration		Storm Duration			Storm Duration		Storm Duration		
	540 min	2400 min	120 min	540 min	2400 min	120 min	2400 min	120 min	150 min	360 min
CSim198	1.20	0.87	3.60	3.15	2.18	4.80	2.75	44.7	42.8	31.5
CSim20	58.02	34.08	179.06	119.36	74.20	223.64	93.69	1232.5	1202.0	984.6
CSim201	0.96	0.63	3.01	2.25	1.41	4.16	1.78	33.8	31.6	22.9
CSim202	3.89	1.97	19.32	7.86	4.30	24.17	5.42	129.6	118.7	76.8
CSim205	2.56	1.30	13.37	5.18	2.83	16.68	3.57	84.9	80.2	50.6
CSim206	0.29	0.24	0.88	0.96	0.70	1.22	0.88	12.6	12.4	9.5
CSim209	1.28	0.65	7.23	2.59	1.42	9.13	1.79	49.2	43.4	25.4
CSim21	0.68	0.63	1.88	2.35	1.88	2.62	2.40	26.9	27.8	24.3
CSim210	1.06	0.95	2.99	3.68	2.84	4.26	3.64	43.3	44.6	37.3
CSim212	5.63	2.86	27.46	11.38	6.22	34.30	7.86	185.2	167.7	111.3
CSim213	1.28	0.65	7.34	2.59	1.42	9.25	1.79	49.2	43.4	25.3
CSim214	6.34	3.22	25.53	12.83	7.01	31.49	8.86	179.4	169.6	121.8
CSim215	59.58	35.70	182.43	122.71	77.74	227.83	98.15	1242.2	1219.1	1010.6
CSim216	65.13	39.80	197.18	136.61	88.72	246.88	112.06	1312.6	1299.0	1118.6
CSim217	15.33	7.92	59.58	31.17	17.24	74.31	21.77	386.0	370.1	279.0
CSim218	2.82	2.00	8.23	7.30	4.99	11.24	6.32	104.9	99.3	72.9
CSim219	0.52	0.34	1.89	1.25	0.75	2.56	0.95	19.0	17.5	12.7
CSim22	5.07	2.57	22.15	10.24	5.60	27.43	7.07	153.0	144.1	100.1
CSim221	4.35	2.21	22.91	8.80	4.81	28.71	6.07	152.5	136.7	86.0
CSim23	3.26	1.65	17.00	6.58	3.60	21.15	4.54	107.6	101.7	64.4
CSim24	3.07	1.56	17.20	6.21	3.39	21.53	4.29	117.7	103.9	60.8
CSim240	3.36	2.56	10.02	9.80	6.93	13.74	8.77	132.6	127.1	95.1
CSim34	0.93	0.70	2.77	2.66	1.85	3.80	2.34	37.2	35.4	26.1
CSim35	1.69	0.86	9.70	3.41	1.86	12.21	2.35	64.8	57.1	33.4
CSim36	3.81	2.77	12.22	10.14	6.97	17.68	8.82	157.0	147.4	106.4
CSim37	55.90	32.50	174.65	114.80	70.77	218.17	89.36	1215.3	1181.0	952.6
CSim40	16.80	8.55	68.85	34.03	18.61	85.17	23.50	487.5	457.5	324.7
CSim42	15.20	7.72	65.92	30.73	16.80	81.68	21.21	457.5	427.1	298.6
CSim46	1.22	0.79	4.14	2.86	1.75	5.74	2.22	43.5	40.4	29.2
CSim47	5.32	3.79	24.82	14.00	8.98	32.28	11.35	227.7	209.2	141.8
CSim49	1.90	1.39	5.64	5.21	3.59	7.63	4.54	73.0	69.7	51.2
CSim5	54.67	31.65	172.00	112.26	68.91	214.87	87.01	1203.7	1169.2	935.2
CSim51	0.92	0.68	2.76	2.52	1.73	3.73	2.19	36.0	33.9	24.9
CSim53	18.06	13.32	52.74	48.44	33.91	71.38	43.01	549.6	546.4	456.4
CSim55	1.57	0.80	8.45	3.17	1.73	10.63	2.19	59.9	52.9	31.0
CSim56	13.13	9.46	39.17	34.50	23.52	52.84	29.77	441.8	432.3	332.2
CSim57	64.46	39.29	195.46	134.95	87.32	244.67	110.29	1304.0	1290.6	1106.7
CSim58	3.67	2.29	19.71	8.72	5.19	25.05	6.55	150.7	135.9	87.2
CSim60	63.59	38.64	193.26	132.90	85.62	241.88	108.13	1294.7	1280.7	1092.1
CSim61	23.44	16.81	81.48	60.07	41.32	109.62	52.22	874.2	836.9	617.2
CSim62	1.14	0.75	3.45	2.67	1.70	4.85	2.15	40.1	37.7	27.1
CSim64	2.42	1.82	7.27	6.89	4.77	9.85	6.04	94.4	91.2	67.6
CSim65	0.98	0.69	2.89	2.50	1.68	3.87	2.12	36.3	34.3	24.9
CSim67	51.97	29.77	166.81	106.70	64.83	208.40	81.85	1174.6	1139.4	896.9
CSim7	29.49	15.80	99.60	60.29	34.41	123.76	43.44	690.1	666.1	536.6
CSim71	17.39	12.74	51.11	46.59	32.30	69.24	40.94	541.9	536.4	439.8
CSim72	5.39	2.73	23.61	10.89	5.95	29.37	7.51	164.0	153.7	106.5
CSim73	0.80	0.61	2.41	2.35	1.64	3.29	2.07	32.4	31.0	23.0
CSim75	1.47	0.75	8.52	2.98	1.63	10.71	2.06	56.6	49.9	29.2
CSim76	6.19	4.81	18.56	17.86	13.05	30.07	16.76	337.5	315.2	221.5
CSim78	1.11	0.73	3.52	2.59	1.62	4.93	2.04	39.2	36.6	26.4
CSim83	0.97	0.67	2.84	2.41	1.61	3.82	2.03	35.2	33.4	24.2
CSim84	18.07	9.29	70.79	36.75	20.23	87.57	25.54	500.6	479.3	344.7
CSim87	1.45	0.73	8.31	2.92	1.60	10.46	2.02	55.6	49.0	28.6
CSim88	0.87	0.63	2.61	2.33	1.59	3.51	2.01	33.6	31.6	23.1
CSim89	68.18	42.08	205.18	144.34	95.01	257.32	120.05	1353.8	1339.9	1177.8
CSim9	1.97	1.00	10.79	3.99	2.18	13.64	2.75	75.6	66.7	39.0
CSim92	3.40	1.73	17.73	6.88	3.76	22.14	4.75	115.6	108.0	67.3
CSim93	1.43	0.73	8.15	2.89	1.58	10.25	1.99	55.0	48.3	28.3
CSim94	0.52	0.50	1.39	1.83	1.46	2.04	1.89	20.7	21.5	18.9
D_104	0.32	0.16	1.97	0.66	0.36	2.44	0.45	12.4	10.9	6.4
D_107	1.21	0.64	7.40	2.54	1.40	9.31	1.76	46.4	40.8	24.9
D_117	1.53	0.80	9.49	3.19	1.75	11.89	2.20	58.2	51.5	31.2
D_124	1.25	0.67	7.68	2.63	1.45	9.59	1.84	48.2	42.4	25.9
D_125	3.91	2.10	22.06	8.26	4.57	27.71	5.77	148.9	133.2	80.9
D_13	1.12	0.60	6.94	2.37	1.31	8.55	1.66	43.3	38.2	23.3
D_131	2.49	1.51	13.70	5.82	3.30	17.27	4.17	96.9	88.2	57.5
D_140	1.13	0.79	5.84	2.92	1.81	7.43	2.28	44.4	40.7	29.0
D_141	1.17	0.61	7.09	2.42	1.33	8.96	1.68	44.3	39.1	23.8
D_147	0.16	0.09	0.71	0.34	0.19	0.91	0.24	5.5	5.0	3.4
D_151	3.14	1.73	13.70	6.76	3.77	17.18	4.76	104.3	95.9	66.0
D_154	6.16	3.63	29.70	13.93	7.92	37.47	10.00	218.7	196.4	135.6
D_158	4.94	2.96	25.11	11.38	6.47	31.84	8.17	183.2	164.8	111.2
D_159	1.52	0.81	9.35	3.22	1.77	11.73	2.24	58.6	51.8	31.6
D_162	2.89	1.54	17.29	6.09	3.36	21.64	4.24	111.5	98.5	59.7
D_167	2.19	1.18	13.58	4.65	2.57	16.88	3.24	85.0	75.1	45.7
D_171	1.18	0.63	7.23	2.48	1.37	9.03	1.73	45.4	39.9	24.4
D_175	1.65	0.88	10.12	3.47	1.91	12.73	2.41	63.1	55.8	34.0
D_176	2.03	1.09	12.58	4.30	2.37	15.63	2.99	78.6	69.5	42.2
D_18	6.99	3.79	36.39	14.87	8.25	45.64	10.41	248.7	225.2	145.0
D_180	2.41	1.27	13.68	5.01	2.76	17.14	3.48	92.8	81.4	49.1
D_181	0.82	0.42	5.01	1.68	0.92	6.19	1.17	30.7	27.2	16.5
D_185	8.23	5.04	38.56	19.11	11.11	46.05	14.04	285.1	260.3	184.3
D_19	13.70	8.14	64.44	30.96	17.90	80.96	22.60	432.1	404.7	294.3
D_203	1.14	0.66	6.44	2.58	1.44	8.13	1.82	44.3	39.7	25.5
D_219	0.51	0.27	3.20	1.08	0.59	4.03	0.75	19.8	17.5	10.6
D_220	0.70	0.36	4.30	1.41	0.77	5.31	0.98	26.6	23.4	13.8
D_225	0.57	0.30	3.36	1.18	0.65	4.25	0.82	21.2	18.9	11.6
D_226	5.74	4.75	19.03	17.43	13.00	29.00	16.77	312.1	293.8	210.9
D_227	0.85	0.46	5.27	1.80	0.99	6.57	1.25	33.0	29.0	17.7
D_228	1.22	0.79	5.37	3.05	1.73	7.13	2.19	45.8	42.3	30.3
D_229	0.41	0.21	2.64	0.85	0.46	3.28	0.58	16.2	14.2	8.3
D_230	3.61	1.95	21.39	7.67	4.24	26.72	5.35	139.9	123.2	75.2
D_231	1.56	0.82	9.56	3.26	1.79	12.02	2.26	59.4	52.5	32.0

NODE	Developed Condition Discharges									
	2 Year ARI		100 Year ARI			500 year ARI		PMP		
	Storm Duration		Storm Duration			Storm Duration		Storm Duration		
	540 min	2400 min	120 min	540 min	2400 min	120 min	2400 min	120 min	150 min	360 min
D 232	1.94	1.28	6.23	4.54	2.84	8.68	3.59	68.5	63.8	46.7
D 233	1.84	0.98	11.29	3.87	2.13	14.15	2.69	70.6	62.4	38.0
D 234	3.93	2.62	15.02	9.35	5.78	19.88	7.30	135.8	127.1	92.6
D 235	0.13	0.07	0.79	0.26	0.14	0.98	0.18	5.0	4.3	2.5
D 236	1.26	0.66	7.69	2.63	1.44	9.71	1.82	48.0	42.4	25.8
D 237	0.19	0.10	1.21	0.40	0.22	1.51	0.27	7.5	6.6	3.9
D 238	1.00	0.52	6.07	2.06	1.13	7.61	1.43	37.7	33.3	20.2
D 239	1.82	1.39	6.64	5.22	3.72	9.40	4.78	67.6	65.3	50.2
D 44	0.83	0.42	5.09	1.69	0.92	6.28	1.17	31.3	27.6	16.5
D 59	0.64	0.33	3.93	1.29	0.71	4.87	0.89	24.4	21.4	12.7
D 63	1.51	0.79	9.29	3.13	1.72	11.66	2.17	57.1	50.6	30.7
D 69	1.29	0.66	7.93	2.64	1.44	9.90	1.82	49.3	43.2	25.8
D 77	0.42	0.22	2.61	0.86	0.47	3.25	0.60	16.4	14.4	8.5
D 81	1.01	0.53	6.14	2.09	1.15	7.72	1.45	38.3	33.8	20.6
D 90	1.77	0.97	10.02	3.78	2.10	12.44	2.66	64.1	60.1	37.1
D 91	0.80	0.42	4.92	1.65	0.91	6.07	1.14	30.1	26.7	16.2
D 99	5.51	2.93	30.77	11.59	6.39	38.42	8.06	203.7	185.4	113.4
dummy	542.52	641.33	947.26	1384.19	1524.29	1343.80	1991.60	9468.9	10308.3	12443.3
JWP01	2.80	2.12	8.51	7.99	5.52	11.59	6.98	111.4	105.9	78.1
LC 01	71.82	44.92	213.15	152.62	102.50	267.65	129.55	1386.2	1373.3	1232.8
LC 02	72.66	45.77	215.25	154.54	104.99	270.28	132.72	1390.6	1380.8	1243.8
LC 03	98.69	64.90	282.26	219.44	154.38	356.86	196.26	2020.9	2057.9	1780.8
LC 04	99.06	65.22	282.93	220.26	155.21	357.69	197.31	2025.8	2063.5	1785.8
LC 05	106.84	71.72	304.50	244.18	177.30	385.24	225.55	2201.3	2253.4	1993.4
LC 06	107.92	72.80	306.62	246.93	180.11	387.97	229.11	2214.6	2269.0	2014.6
LC 07	108.24	73.12	307.05	247.65	180.92	388.56	230.12	2217.5	2272.4	2019.8
LC 08	108.92	73.82	308.09	249.19	182.68	389.89	232.32	2222.4	2279.2	2030.3
LC 09	111.16	75.84	312.65	255.36	188.44	395.90	239.67	2255.0	2315.4	2075.4
N-1.06	0.14	0.07	0.87	0.28	0.15	1.08	0.19	5.4	4.7	2.8
N-1.07	0.19	0.10	1.20	0.38	0.21	1.50	0.26	7.5	6.7	3.8
N-1.09	10.98	7.95	33.48	31.61	22.22	48.23	28.18	428.2	423.1	324.8
N-1.10	11.74	8.52	35.60	33.68	23.64	51.19	29.99	452.3	447.3	344.0
N-1.11	13.37	9.73	39.99	37.98	26.67	57.11	33.85	498.3	494.1	383.6
N-1.12	14.43	10.58	43.04	41.39	29.28	61.27	37.18	537.3	533.2	417.8
N-1.13	20.85	15.87	63.95	60.89	43.72	90.20	55.86	780.8	772.8	614.6
N-1.14	21.48	16.34	65.61	62.56	44.98	92.49	57.45	799.8	792.9	630.5
N-1.15	23.83	18.24	72.44	69.37	50.20	101.72	64.11	876.8	871.9	696.7
N-1.16	24.62	18.87	74.95	71.53	51.81	105.08	66.15	896.4	892.5	716.1
N-1.17	25.02	19.20	76.22	72.67	52.65	106.74	67.25	905.8	902.9	726.1
N-1.18	28.60	22.13	87.15	82.22	60.12	121.08	76.95	989.3	990.4	817.1
N-3.00	1.83	0.95	11.35	3.79	2.08	14.15	2.62	69.4	61.5	37.1
N-3.01	0.49	0.25	3.18	1.00	0.54	3.93	0.68	19.8	17.4	10.0
N-4.00	1.16	0.79	3.32	2.75	1.81	4.50	2.29	40.8	38.7	28.1
N-5.00	1.43	0.73	9.42	2.90	1.59	11.68	2.00	57.0	50.2	28.6
N-6.00	0.60	0.31	3.87	1.23	0.67	4.74	0.85	24.0	21.1	12.1
N-Dummy	8.01	5.56	25.30	21.62	15.18	34.79	19.22	328.8	315.8	231.7
node3	2.46	1.31	15.08	5.17	2.85	18.90	3.60	94.6	83.2	50.8
North_D	6.69	5.16	20.03	19.13	13.95	31.91	17.89	357.8	333.9	235.1
NU-1.00	1.07	0.55	6.37	2.18	1.19	7.92	1.51	39.9	35.5	21.3
NU-1.01	2.35	1.21	13.58	4.80	2.63	17.14	3.32	88.0	77.3	47.0
NU-1.03	2.48	1.28	14.13	5.09	2.79	17.87	3.53	92.5	81.5	49.7
NU-1.04b	4.42	2.31	19.79	9.16	5.03	24.75	6.35	146.7	129.8	89.3
NU-1.05d	4.54	3.18	16.17	13.89	9.33	24.60	11.86	216.6	204.9	149.3
NU-1.06	5.11	3.60	17.88	15.55	10.53	26.45	13.38	235.3	224.4	164.5
NU-1.07	6.63	4.61	21.45	18.75	13.10	31.45	16.59	289.6	277.8	205.3
NU-2.00	1.00	0.51	6.32	2.02	1.11	7.85	1.40	38.6	33.8	19.8
NU-3.00	0.23	0.12	1.44	0.46	0.25	1.80	0.32	9.1	8.0	4.6
NU-5.00	1.93	0.98	12.23	3.91	2.14	15.18	2.70	73.0	64.5	38.3
NU-6.00	1.70	0.87	10.60	3.46	1.89	13.30	2.39	64.8	56.9	33.9
NU-7.00	1.19	0.60	7.54	2.40	1.32	9.38	1.66	47.0	41.1	23.7
NU-7.01	1.74	0.89	10.72	3.52	1.93	13.36	2.43	68.1	59.8	34.5
NU-8.00	1.05	0.53	6.63	2.12	1.16	8.26	1.47	40.5	35.4	20.8
NU-8.01	1.69	0.86	10.62	3.42	1.87	13.21	2.36	64.5	56.8	33.4
NU-8.02d	1.13	0.73	2.59	2.39	1.84	4.01	2.30	49.1	46.3	33.0
OldBasinD	4.33	2.27	19.36	8.98	4.93	24.21	6.23	144.2	127.5	87.5
SC 137	522.37	556.68	941.34	1285.05	1328.31	1334.50	1721.60	9452.4	10277.0	11930.0
SC 137A	521.65	556.74	939.48	1284.15	1328.61	1331.70	1721.80	9424.2	10250.0	11922.0
SC 137B	521.70	556.97	939.49	1284.45	1329.11	1331.70	1722.70	9424.2	10250.0	11923.0
SC 137C	522.29	559.00	939.71	1287.35	1334.01	1332.00	1730.50	9426.3	10252.0	11940.0
SC 137D	522.34	559.20	939.73	1287.65	1334.51	1332.00	1731.20	9426.5	10253.0	11942.0
SC 137E	522.46	559.68	939.78	1288.15	1335.51	1332.10	1732.70	9426.8	10253.0	11945.0
SC 137F	523.63	564.68	940.01	1294.35	1346.81	1332.40	1751.00	9429.0	10256.0	11983.0
SC 137G	524.01	566.31	940.09	1296.05	1350.61	1332.50	1756.50	9429.6	10257.0	11994.0
SC 138	524.07	566.60	940.10	1296.35	1351.31	1332.50	1757.50	9429.6	10257.0	11995.0
SC 139	532.98	601.94	943.48	1337.25	1433.41	1336.70	1873.80	9446.5	10279.0	12250.0
SC 140	533.75	604.27	943.98	1340.15	1438.91	1337.30	1880.50	9449.2	10282.0	12261.0
W-1	8.22	5.59	28.73	17.91	12.60	38.67	15.83	292.2	274.6	202.4
W-1.1.00	2.15	1.14	12.81	4.50	2.47	16.04	3.12	81.3	72.1	44.1
W-1.1.01d	3.88	2.04	23.10	8.08	4.43	28.97	5.60	146.1	129.7	79.2
W-1.1.02	3.96	2.08	23.39	8.26	4.54	29.37	5.73	149.1	132.4	80.9
W-1.1.03	4.14	2.20	23.99	8.70	4.79	30.20	6.04	155.8	138.6	85.2
W-1.1.04d	6.97	4.67	26.20	15.28	10.26	35.30	13.08	246.4	230.6	166.9
W-1.1.05	7.19	4.86	26.78	16.01	10.85	36.13	13.83	256.6	240.4	174.7
W-1.1.07	9.21	6.38	31.08	21.10	15.21	42.06	19.16	335.9	318.2	236.1
W-1.10.00	0.34	0.27	1.02	1.06	0.76	1.40	0.97	14.1	13.8	10.5
W-1.2.00	1.73	0.90	10.30	3.58	1.96	12.93	2.48	64.8	57.6	35.1
W-1.3.00	0.99	0.50	6.28	2.00	1.10	7.77	1.38	38.8	34.0	19.6
W-1.3.01	2.15	1.09	13.05	4.34	2.37	16.37	3.00	82.6	72.5	42.5
W-1.3.02	2.18	1.11	13.18	4.41	2.41	16.54	3.04	83.7	73.4	43.2
W-1.4.00	0.53	0.27	3.37	1.07	0.59	4.16	0.74	21.3	18.7	10.8
W-1.4.01	1.22	0.62	7.30	2.48	1.36	9.06	1.72	46.6	41.0	24.3
W-1.5.00	1.42	0.72	9.01	2.87	1.57	11.25	1.98	54.5	47.8	28.1
W-1.6.00	1.29	0.66	8.23	2.62	1.43	10.22	1.81	51.0	44.7	25.7
W-1.6.01d	0.88	0.61	1.72	1.56	1.46	2.33	1.65	30.7	29.9	23.5

NODE	Developed Condition Discharges									
	2 Year ARI		100 Year ARI			500 year ARI		PMP		
	Storm Duration		Storm Duration			Storm Duration		Storm Duration		
	540 min	2400 min	120 min	540 min	2400 min	120 min	2400 min	120 min	150 min	360 min
W-1.6.02	1.04	0.73	2.17	1.98	1.75	2.95	2.01	36.7	35.7	27.7
W-1.7.00	0.25	0.13	1.70	0.51	0.28	2.13	0.36	10.3	9.1	5.3
W-1.9.00	0.10	0.05	0.63	0.20	0.11	0.78	0.14	3.8	3.3	2.0
W-1.9.01	0.39	0.20	2.53	0.79	0.43	3.17	0.54	15.5	13.6	7.9
W-1.9.02	0.54	0.28	3.41	1.11	0.61	4.23	0.77	20.8	18.5	10.8
W-2	2.90	2.09	9.86	7.63	5.12	14.39	6.48	120.4	112.4	80.5
W-2.1.00	1.29	0.66	8.20	2.61	1.43	10.22	1.80	50.3	44.1	25.5
W-2.1.01	1.72	0.87	10.93	3.47	1.90	13.56	2.40	67.5	59.2	34.0
W-2.1.02d	1.72	0.87	10.93	3.47	1.90	13.56	2.40	67.5	59.2	34.0
W-2.1.03	1.95	1.41	7.32	5.33	3.50	10.88	4.42	86.0	80.5	57.2
W-2.2.00	0.18	0.09	1.16	0.37	0.20	1.46	0.25	7.3	6.5	3.7
W-2.3.00	0.40	0.20	2.47	0.81	0.44	3.06	0.56	15.5	13.7	7.9
W-2.4.00	0.37	0.19	2.31	0.76	0.41	2.88	0.52	14.5	12.8	7.4
W-2.5.00	0.29	0.15	1.79	0.58	0.32	2.24	0.40	11.2	9.9	5.8
W-2.6.00	0.09	0.05	0.53	0.19	0.10	0.66	0.13	3.5	3.1	1.8
West D	6.06	4.51	16.89	16.38	12.07	23.22	15.63	248.5	236.0	178.9