



FEMA Effective Model as of June 18, 2007

TC&R values for FEMA Effective Model

Hunting Bayou Watershed

HCFC D TC&R Excel Template

Subwatershed	Drainage Area (acres)	Drainage Area (sq.mi.)	Watershed Length (mi.)  L	Length to Centroid(mi.)  Lca	Channel Slope(ft./mi.)  S	Overland Slope(ft./mi.)  So	D	Percent Urban Development 2002  DLU	Percent Channel Improvement  DCI	Percent Channel Conveyance  DCC	Percent Ponding  DPP	DLU affected by Detention  DET	Percent Impervious 2002	(TC+R)"	TC"	R"	DLU Minimum	DLU (Detention)
H100A	716.8	1.12	2.70	0.86	5.90	6.86	2.46	70.02	100	70	0	0.40	51.29	4.28	0.36	3.93	29.03	69.62
H100B	723.2	1.13	2.43	1.17	1.39	6.34	2.46	78.08	100	70	0	0.00	49.26	6.12	1.03	5.10	29.03	78.08
H100C	640.0	1.00	2.13	0.70	4.41	2.64	2.46	74.53	100	80	0	0.76	62.11	3.39	0.33	3.07	24.06	73.77
H100D	857.6	1.34	2.45	1.25	1.58	2.11	2.46	87.81	100	100	0	0.63	64.11	3.87	0.99	2.88	17.59	87.18
H100E	1548.8	2.42	3.55	1.71	3.80	6.34	2.46	67.01	100	100	0	1.70	52.66	4.49	0.95	3.54	17.59	65.31
H100F	1100.8	1.72	2.59	1.17	2.01	7.92	2.46	38.38	54	100	0	1.35	32.01	6.62	1.40	5.22	17.59	37.03
H100G	1478.4	2.31	3.68	2.05	3.45	5.81	2.46	51.71	37	100	0	0.56	38.33	5.62	2.03	3.59	17.59	51.15
H100H	896.0	1.40	2.29	1.21	3.33	11.62	2.46	28.50	59	100	0	0.00	23.87	6.05	1.10	4.95	17.59	28.50
H101A	640.0	1.00	1.63	0.68	12.14	12.14	2.46	75.21	100	40	0	0.55	57.08	3.81	0.19	3.62	63.71	74.66
H102A	1427.2	2.23	2.42	0.86	4.22	4.22	2.46	34.18	100	60	0	0.07	22.81	8.14	0.49	7.65	36.04	34.18
H103A	908.8	1.42	2.81	1.24	10.76	2.11	2.46	73.02	100	70	0	7.36	62.27	3.71	0.39	3.32	29.03	65.66
H103B	870.4	1.36	2.66	1.01	10.76	6.86	2.46	82.35	100	100	0	0.49	57.49	2.18	0.29	1.88	17.59	81.86
H106A	966.4	1.51	3.09	1.62	3.17	3.17	2.46	56.99	100	40	0	1.08	40.59	10.70	1.02	9.68	63.71	56.99
H108A	1516.8	2.37	3.39	1.81	5.28	5.28	2.46	63.35	100	40	0	0.03	39.09	9.54	0.86	8.68	63.71	63.35
H110A	640.0	1.00	1.69	0.78	8.45	8.45	2.46	85.69	100	30	0	0.78	54.58	4.94	0.25	4.70	95.43	85.69
H112A	787.2	1.23	1.93	0.86	1.58	1.58	2.46	78.80	100	40	0	0.02	53.88	8.49	0.69	7.80	63.71	78.78
H118A	1017.6	1.59	2.46	0.69	3.70	3.70	2.46	75.93	100	40	0	0.06	50.82	7.67	0.35	7.32	63.71	75.87
H118B	627.2	0.98	2.46	1.35	8.01	2.11	2.46	80.05	100	90	0	0.04	58.15	2.57	0.47	2.10	20.39	80.01
H119A	1100.8	1.72	3.62	1.95	4.75	4.75	2.46	63.61	100	40	0	1.29	44.69	10.37	0.98	9.39	63.71	63.61
H125A	1388.8	2.17	3.73	1.65	2.41	5.81	2.46	44.66	72	100	0	1.76	33.36	7.26	1.60	5.67	17.59	42.90