



FEMA Effective Model as of June 18, 2007

TC&R values for FEMA Effective Model

Goose Creek Watershed

HCFCFCD TC&R Excel Template

<u>Subwatershed</u>	<u>Drainage Area (acres)</u>	<u>Drainage Area (sq.mi.)</u>	<u>Watershed Length (mi.)</u>	<u>Length to Centroid(mi.)</u>	<u>Channel Slope(ft./mi)</u>	<u>Overland Slope(ft./mi.)</u>	<u>D</u>	<u>Percent Urban Development 2002</u>	<u>Percent Channel Improvement</u>	<u>Percent Channel Conveyance</u>	<u>Percent Ponding</u>	<u>DLU affected by Detention</u>	<u>Percent Impervious 2002</u>	<u>(TC+R)"</u>	<u>TC"</u>	<u>R"</u>	<u>DLU Minimum</u>	<u>DLU (Detention)</u>
			<u>L</u>	<u>Lca</u>	<u>S</u>	<u>So</u>		<u>DLU</u>	<u>DCI</u>	<u>DCC</u>	<u>DPP</u>	<u>DET</u>						
O100A	901.1	1.41	2.68	1.31	7.86	6.17	2.46	11.10	38	50	0	0.66	6.76	7.02	0.90	6.12	46.56	11.10
O100B	774.4	1.21	2.02	0.76	5.71	2.61	2.46	13.20	47	50	0	1.94	9.85	6.44	0.56	5.88	46.56	13.20
O100C	1005.4	1.57	2.34	0.93	2.22	4.22	2.46	29.30	81	60	0	1.65	20.02	9.97	0.89	9.09	36.04	29.30
O100D	592.0	0.93	1.90	0.46	5.53	4.22	2.46	48.70	0	80	0	3.00	33.81	3.99	0.40	3.59	24.06	45.70
O100E	378.9	0.59	1.85	0.77	1.20	6.24	2.46	44.20	0	100	0	0.06	35.46	5.56	1.55	4.00	17.59	44.14
O100F	354.6	0.55	1.41	0.40	5.07	4.01	2.46	38.70	100	80	0	0.00	27.35	3.74	0.19	3.55	24.06	38.70
O100G	944.0	1.48	1.69	0.69	4.35	4.01	2.46	67.10	57	70	0	0.00	52.62	3.51	0.48	3.03	29.03	67.10
O100H	3382.4	5.29	4.83	2.07	2.44	3.82	2.46	67.70	0	90	0	0.02	50.66	7.05	2.90	4.15	20.39	67.68
O105A	1121.3	1.75	2.04	0.88	6.98	11.99	2.46	31.80	48	30	0	0.96	22.47	6.04	0.56	5.47	95.43	31.80
O105B	1745.3	2.73	2.91	1.06	8.86	5.96	2.46	51.80	100	80	0	1.45	36.49	4.28	0.39	3.89	24.06	50.35
O107A	918.4	1.44	2.38	1.17	2.30	2.59	2.46	64.80	53	100	0	0.00	49.32	4.06	1.22	2.85	17.59	64.80
O111A	841.6	1.32	2.58	1.26	4.70	1.90	2.46	42.90	28	100	0	0.06	27.06	4.43	1.10	3.32	17.59	42.84
O113A	986.9	1.54	2.78	1.24	5.71	8.64	2.46	29.50	100	50	0	0.23	25.13	8.06	0.63	7.43	46.56	29.50
O117A	613.1	0.96	1.74	1.11	3.71	4.68	2.46	40.40	100	50	0	5.16	26.79	6.76	0.67	6.08	46.56	40.40
O119A	265.6	0.42	1.01	0.40	1.00	4.58	2.46	30.80	100	100	0	0.00	18.53	4.93	0.47	4.46	17.59	30.80
O119B	668.2	1.04	2.13	0.75	3.60	4.85	2.46	34.50	100	100	0	1.93	22.45	5.11	0.46	4.65	17.59	32.57
O126A	1804.8	2.82	3.89	2.50	3.71	6.44	2.46	22.30	54	50	0	1.68	15.76	11.90	2.36	9.55	46.56	22.30