

FEMA Effective Model as of June 18, 2007 TC&R values for FEMA Effective Model Clear Creek and Armand Bayou Watershed HCFCD TC&R Excel Template

*LOMR Effective October 16, 2015

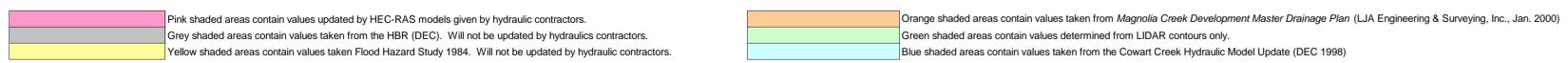
Part	ICFCD ICAR E		1		-			1			Г	I					-		-						
Martin M										Percent Channel		I -	_					DLU	DLU		Pondin	a Adiustments	for Storage Valu	ıes (R")	
Mail	<u>Subwatershed</u>			Length (mi.)	Centroid(mi.)	Slope(ft./mi)	Slope(ft./mi.) <u>D</u>	Development 2002	<u>Improvement</u>	<u>Conveyance</u>	<u>Pondin</u>	g by Detention		(TC+R)"	TC"	<u>R"</u> _I	<u>220</u> Vinimum			<u> </u>	<u>g 7.tajaototo</u>	roi otorago ran		
March Marc		(acres)	<u>(sq.mi.)</u>	L	Lca	S	So		DLU	DCI	DCC	DPP	DET	<u>2002</u>						20% (5-Yr)	10% (100-Yr)	4% (25-Yr)	2% (50-Yr)	1% (100-Yr)	0.2% (500-Yr
																									11.71
150 150				+	+																				21.76
1. 1. 1. 1. 1. 1. 1. 1.				+																					12.03
Second S				+																					10.48 17.54
Second S				<u> </u>	+																				13.84
Color					1.44																				8.38
Column	100H	2474.2	3.87	3.32	1.66		4.00					94	3.0	3.2	13.48	2.97	10.51		3.60	36.41	33.23	28.58	25.91	23.17	18.18
Column					11.14							42													9.66
1965 1966												8													12.92
1. 1. 1. 1. 1. 1. 1. 1.																									13.91 22.81
1982 11				 																					18.44
Second Column								_		1 111		1													14.79
Sept 1.50				2.89								0	3.9		15.91										12.64
Section Color Co		2964.5	4.63	4.94	1.71	1	9.00		40.1	67.8	40	5	8.0	23.4	22.40	2.74	19.65	63.71	40.10	19.65	19.65	19.65	19.65	19.65	19.65
State				+		1						0													13.39
6-17								_				- :	• • • • • • • • • • • • • • • • • • • •												11.20
According 1.5												4													3.57
Color												0													2.13 3.03
\$\frac{\text{\$\frac{1}{2}\cdot{\text{\$\frac{1}\cdot{\text{\$\frac{1}{2}\cdot{\text{\$\frac{1}{2}\cdot{\text{\$\frac{1}{2}\cdot{\text{\$\frac{1}\text{\$\frac								_				0													6.50
April Apri												0													9.77
Section Sect	10413A		3.18	3.86		1.7		2.46	67.3	100.0		0	1.9	53.4	6.33			17.59	65.36	4.50	4.50	4.50	4.50	4.50	4.50
No.												0			10.83					8.07	8.07	8.07	8.07		8.07
Color Colo												0													6.79
Section Sect												0													6.19
April 1971 2.55 2.79 163								_				0													3.69
A												0													4.83
ATHER BOLD 160 3.15 169 3.1 1.00 2.66 116 0.0 100 71 72 72 73 73 134 730 148 730 148 130 188 158 1					2.78	6.2	10.00			62.8	100	15	3.8	20.5							9.29	9.29	9.29		9.29
ATIONA	118A	782.1	1.22	2.11	0.98	8.3	7.00	2.46	57.9	85.0	100	17	10.7	33.3	2.95	0.43	2.52	17.59	47.17	2.52	2.52	2.52	2.52	2.52	2.52
ATSTORM 1982 124 226 0.95 4.8 7.00 5.8 4.13 1000 80 15 3.8 31.6 867 68 4.8 740 37.4 427 4.2 427 4.7 4.7 4.7 4.7 4.7 4.7 4.7 4.7 4.7 4.			1.40	3.15			9.00					21			10.94					21.61	20.18	18.11	16.87		13.11
AT 1908 A												0													3.99
AT 9000 28.88 0.88 1.22 0.94 1.22 0.94 0.95 2.40 5.07 1.00 2.00 81 0.0 23.4 5.11 0.22 5.09 98.5 2.072 1.01 1.00						***						15													4.57
ATISEC 1888 0.23 1.10 0.00 302 0.00 2.40 673 100 80 2 0.1 59.4 272 0.00 2.30 200 2.22 2.32 2.32 2.32 2.32												61													5.15 9.77
Missing Miss				+								2													2.32
ATT-Packed May												0													1.49
ATHOC	119A	923.5	1.44	3.04	1.35	3.6	6.00	2.46	79.4	100.0	80	0	8.1	52.1	4.79	0.74	4.05	24.06	71.34	4.05	4.05	4.05	4.05	4.05	4.05
APPEN				<u> </u>								0									_				1.79
Appen												21													13.51
A20C 8812 1.33 1.96 0.62 2.8 6.00 2.46 92.5 100.0 990 0 26.5 151.5 3.80 0.38 222 20.39 86.91 3.22 3.22 3.22 3.22 3.22 3.22 3.22 3.2				<u> </u>								5													10.68 3.77
MAZOD 17843 2.79 3.08 1.23 3.68 6.00 2.48 39.5 100.0 100.0 6 5.1 24.1 6.41 0.78 5.63 17.59 5.63 6.63 5.63 5.63 190.0 190.0 100.0 100.0 6 5.1 24.1 6.41 0.78 5.63 17.59 5.63 6.63				<u> </u>								0					_				-				3.77
9700A 917.1 1.14.3 2.84 1.28 7.9 9.00 2.46 55.1 58.4 4.9 0 2.24 38.5 73.1 0.67 6.63 6.63 6.63 6.63 6.63 6.63 6.63 6												6			0.00										5.63
Brook 1869 0.29												0	2.4	38.5	7.31						6.63		6.63		6.63
Brook 10784 1.69 3.01 1.60 2.7 7.30 2.46 8.9 0.0 70 0 11.0 3.9 11.11 238 8.76 29.03 8.90 8.76		873.0	1.36	2.34	1.12	5.1	12.00	2.46	59.6	40.2	80	0	13.2	35.0	4.72	0.86	3.85	24.06	46.45	3.85	3.85	3.85	3.85	3.85	3.85
BIODE 1091-2 1.71 2.39 1.16 4.5 10.00 2.48 24.1 57.8 90 0 0.7 12.7 7.88 0.92 6.18 20.39 2.336 6.16 6												0									-				4.46
B100F 6888 0.89				<u> </u>								0							_						8.76
B100G			1111	<u> </u>								0													6.16 3.57
B100H				<u> </u>								0										0.01	0.01		3.57 8.77
B10401A 386.5 0.56 1.05 0.83 3 10.40 2.48 44.4 0.0 100 0 0.0 29.2 2.88 1.03 1.85 17.59 44.40 1.85 1.												0					_							_	18.23
B10403A						3						0													1.65
B10404A	10402A	591.4	0.92	2.05	1.12	3	7.10	2.46	77.1	100.0	100	0	0.0	46.4	2.96	0.65	2.31	17.59	77.10	2.31	2.31	2.31	2.31	2.31	2.31
B10404B 378.9 0.59 1.66 1.07 3.9 10.60 2.46 52.4 100.0 90 14 18.0 30.0 4.45 0.64 3.81 20.39 34.35 3.81 3.81 3.81 3.81 3.81 3.81 3.81 3.81						_						0													3.74
B10404C 643.2 1.01 1.76 0.70 3.9 15.10 2.46 17.4 100.0 90 18 37.5 10.4 6.69 0.44 6.25 20.39 17.40 6.25 6.25 6.25 6.25 6.25 6.25 81 6.2																									9.92
B10404D 253.4 0.40 1.32 0.41 12.6 7.10 2.46 42.3 100.0 100 0 14.0 24.8 2.58 0.13 2.46 17.59 28.30 2.46 2.46 2.46 2.46 9.46 9.28 9.00 0 0.1 5.3 6.92 0.58 6.33 46.56 7.30 6.33																									3.81
B10405A 1203.2 1.88 2.66 0.74 8.1 10.00 2.46 7.3 0.0 50 0 0.1 5.3 6.92 0.58 6.33 46.56 7.30 6.33 6.					<u> </u>							18													6.25 2.46
B10405B 526.7 0.82 1.92 1.00 8.1 4.80 2.46 61.2 100.0 100 0 2.7 35.5 2.40 0.37 2.03 17.59 58.51 2.03 <t< td=""><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td>0</td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td>-</td><td></td><td></td><td></td><td>6.33</td></t<>												0									-				6.33
B10408A					• • • • • • • • • • • • • • • • • • • •	0				0.0		0											0.00		2.03
B104B 796.8 1.25 2.80 1.71 2.66 7.30 2.46 84.6 19.3 50 0 0.2 43.4 7.13 1.99 5.14 46.56 84.43 5.14 5.14 5.14 5.14 5.14 5.14 5.14 5.14		481.3		†	0.69	2	4.50				100	0	0.1	51.5	2.48				92.81	2.03	2.03	2.03	2.03	2.03	2.03
B104C 630.4 0.99 2.40 1.29 2.6 7.10 2.46 99.6 100.0 50 0 2.0 49.8 5.80 0.74 5.06 46.56 97.63 5.06 <						2						0		_	0.01										3.28
B104D 428.2 0.67 1.96 0.46 6 6.00 2.46 76.6 100.0 60 4 4.2 38.7 3.84 0.18 3.66 3												0													5.14
B104E 336.6 0.53 1.59 0.55 2.47 4.40 2.46 7.8 49.0 100 7 10.8 5.0 7.31 0.62 6.69 17.59 7.80 6.69 6.69 6.69 6.69 B104F 423.0 0.66 1.21 0.62 7.2 10.00 2.46 91.7 100.0 100 0 5.0 52.3 1.38 0.21 1.17 17.59 86.70 1.17 <td< td=""><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td>0</td><td>- </td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td>5.06</td></td<>												0	- 												5.06
B104F 423.0 0.66 1.21 0.62 7.2 10.00 2.46 91.7 100.0 100 0 5.0 52.3 1.38 0.21 1.17 17.59 86.70 1.17																									3.66
B104G 62.1 0.10 0.42 0.19 3.57 4.00 2.46 76.4 100.0 0 14.0 49.0 1.04 0.10 0.95 17.59 62.40 0.95 0.95 0.95 0.95 0.95													- 												6.69 1.17
												0													0.95
ער אין	104H	168.3	0.26	0.77	0.13	3.57	4.80	2.46	49.5	100.0	100	0	7.8	28.5	2.12	0.18		17.59	41.70	1.94	1.94	1.94	1.94	1.94	1.94



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Outoustandad	<u>Drainage</u>	<u>Drainage</u>	Watershed	Length to	<u>Channel</u>	Overland D	Percent Urban	Percent Channel	Percent Channel	Percent	DLU affected	Percent	(TO D)!!		5	DLU	<u>DLU</u>		Pondin	g Adjustments	for Storage Val	ues (R")	
<u>Subwatershed</u>	<u>Area</u> (acres)	Area (sa mi)	Length (mi.)	Centroid(mi.)	Slope(ft./mi)	Slope(ft./mi.) D	Development 2002	<u>Improvement</u>	<u>Conveyance</u>	Ponding	by Detention	Impervious 2002	(TC+R)"	TC"	<u>R"</u>	<u>Minimum</u>	(Detention)				-		
		<u>(sq.mi.)</u>	L	Lca	S	So	DLU	DCI	DCC	DPP	DET							` ′	10% (100-Yr)	` '			0.2% (500-Y
B104I	199.7	0.31	1.08	0.45	3.6	4.80 2.46	36.0	100.0	100	0	0.2	22.3	2.97		2.71	17.59	35.80	2.71	2.71	2.71	2.71	2.71	2.71
B104J B104K	162.6 197.8	0.25	1.26	0.83	2.63 2.63	4.40 2.46 13.20 2.46	48.7 69.3	100.0 100.0	100 100	0	0.0	29.7 41.3	3.00		2.43	17.59 17.59	48.70 69.30	2.43 1.79	2.43 1.79	2.43	2.43 1.79	2.43 1.79	2.43 1.79
B104L	235.5	0.31 0.37	1.28 1.38	0.93 0.83	2.16	3.00 2.46	28.3	100.0	90	0	0.0	18.6	2.38 5.49		1.79 4.80	20.39	28.30	4.80	4.80	1.79 4.80	4.80	4.80	4.80
B104M	245.1	0.38	1.29	0.92	2.16	3.00 2.46	57.5	100.0	90	0	0.0	45.5	3.24		2.55	20.39	57.50	2.55	2.55	2.55	2.55	2.55	2.55
B104N	436.5	0.68	1.57	0.57	2.16	10.00 2.46	11.4	0.0	70	0	0.0	9.4	7.60		6.72	29.03	11.40	6.72	6.72	6.72	6.72	6.72	6.72
B106A	1073.9	1.68	2.35	0.91	6.6	8.80 2.46	28.9	93.0	100	0	0.4	20.0	4.84		4.40	17.59	28.48	4.40	4.40	4.40	4.40	4.40	4.40
B106B	823.7	1.29	1.47	0.46	6.7	8.80 2.46	71.7	100.0	100	0	2.3	39.0	1.89	0.17	1.72	17.59	69.45	1.72	1.72	1.72	1.72	1.72	1.72
B106C	913.9	1.43	1.99	0.58	5.8	8.80 2.46	83.5	100.0	100	0	0.8	47.0	2.19		1.96	17.59	82.65	1.96	1.96	1.96	1.96	1.96	1.96
B106D	1714.6	2.68	2.92	1.15	1.9	8.80 2.46	35.8	100.0	100	0	10.4	26.2	9.49		8.44	17.59	25.37	8.44	8.44	8.44	8.44	8.44	8.44
B106E	579.8	0.91 2.87	2.91 3.88	1.27	1.9 3.4	3.00 2.46 4.00 2.46	29.0 21.4	35.0 100.0	100 100	0	5.1 15.9	18.8 16.2	9.86		8.04 10.92	17.59 17.59	23.90 17.59	8.04	8.04 10.92	8.04	8.04	8.04	8.04
B109A B111A	1839.4 608.0	0.95	1.38	1.68 0.62	10.1	4.00 2.46 3.10 2.46	1.3	100.0	100	0	12.1	1.2	12.11 4.01		3.77	17.59	1.30	10.92 3.77	3.77	10.92 3.77	10.92 3.77	10.92 3.77	10.92 3.77
B111B	280.3	0.44	1.25	0.39	16.9	12.60 2.46	16.3	0.0	80	0	1.3	13.9	3.12		2.93	24.06	16.30	2.93	2.93	2.93	2.93	2.93	2.93
B11202A	1612.2	2.52	3.66	1.94	3.4	4.40 2.46	26.1	100.0	90	0	1.3	19.8	10.18		8.83	20.39	24.80	8.83	8.83	8.83	8.83	8.83	8.83
B112A	2021.1	3.16	3.31	1.75	3.8	7.30 2.46	62.3	100.0	90	0	1.0	38.9	4.94		3.95	20.39	61.34	3.95	3.95	3.95	3.95	3.95	3.95
B112B	1237.1	1.93	2.75	1.22	5	13.00 2.46	44.9	90.9	100	0	3.8	29.1	4.66	0.69	3.97	17.59	41.06	3.97	3.97	3.97	3.97	3.97	3.97
B113A	977.9	1.53	2.19	0.62	4.7	4.20 2.46	69.1	100.0	50	0	30.7	41.0	7.30		6.98	46.50	46.50	6.98	6.98	6.98	6.98	6.98	6.98
B113B	1376.0	2.15	3.50	1.86	4.7	4.20 2.46	44.7	74.3	50	0	39.3	25.7	10.17		8.93	46.50	44.70	8.93	8.93	8.93	8.93	8.93	8.93
B114A	785.9	1.23	2.25	0.59	6.99	17.60 2.46	63.6	100.0	60	0	1.9	42.7	4.47		4.25	36.04	61.67	4.25	4.25	4.25	4.25	4.25	4.25
B115A B115B	720.0	1.13	1.97	1.10	7.6	6.80 2.46	68.2 71.4	100.0 100.0	80 80	0	5.7	48.5	2.97		2.55	24.06 24.06	62.51	2.55	2.55	2.55	2.55	2.55	2.55
CH100A	990.1 2803.8	1.55 4.38	3.07 4.52	2.31 1.26	1.6 3.7	6.80 2.46 5.00 2.46	4.0	0.0	100	56	30.1 2.6	2.6	9.30 13.24		7.03 11.69	17.59	41.34 4.00	7.03 36.24	7.03	7.03 29.08	7.03 26.62	7.03	7.03
CH100A CH100B	2804.5	4.38	3.94	2.61	3.1 A	3.00 2.46	13.4	0.0	100	3	5.3	7.0	13.24		8.52	17.59	13.40	8.52	8.52	8.52	8.52	8.52	8.52
CH100C	1759.4	2.75	3.51	1.91	7	5.00 2.46	31.8	0.0	100	0	12.4	14.2	8.17		6.50	17.59	19.40	6.50	6.50	6.50	6.50	6.50	6.50
CH100D	798.7	1.25	2.13	0.94	7	5.00 2.46	31.0	0.0	100	39	22.4	14.3	6.14		5.34	17.59	17.59	15.32	14.17	12.49	11.50	10.48	8.56
CH100E	480.0	0.75	1.52	0.52	7	5.00 2.46	49.8	0.0	100	44	23.6	20.7	3.69		3.27	17.59	26.23	9.62	8.88	7.80	7.17	6.51	5.29
CH100F	1624.3	2.54	2.89	1.54	7	5.00 2.46	17.3	0.0	100	34	12.2	11.5	7.71	1.34	6.37	17.59	17.30	17.76	16.46	14.56	13.45	12.28	10.10
CW100A	1887.4	2.95	4.97	2.78	2.6	3.00 2.46	26.1	0.0	100	18	4.1	10.8	13.62		9.42	17.59	21.97	9.42	9.42	9.42	9.42	9.42	9.42
CW100B	1173.1	1.83	2.82	1.29	5.3	2.00 2.46		0.0	100	43	9.2	9.6	8.36	1.31			10.70	20.66	19.08	16.77	15.42	14.02	11.40
CW100C	787.8	1.23	1.99	0.90	4.9	7.00 2.46	39.5	0.0	100	0	0.2	20.8	3.84		2.96	17.59	39.31	2.96	2.96	2.96	2.96	2.96	2.96
CW100D	2211.8	3.46	4.13	2.19	6.62	6.00 2.46	48.9	0.0	70	70	10.8	22.4	8.35		6.43	29.03	38.11	6.43	6.43	6.43	6.43	6.43	6.43
CW102A CW102B	1915.5 1089.9	2.99 1.70	3.73 3.56	1.79 1.50	3.8 5.8	4.00 2.46 5.00 2.46	7.8 7.1	0.0	100 100	70	2.6	3.3 4.8	9.55		9.23 8.08	17.59 17.59	7.80 7.10	30.03 8.08	27.53 8.08	23.87 8.08	21.76 8.08	19.58 8.08	15.57 8.08
CW102B	864.6	1.70	3.44	2.00	3.3	4.00 2.46	19.2	0.0	100	0	1.7	8.4	11.23		8.60	17.59	17.59	8.60	8.60	8.60	8.60	8.60	8.60
CW103B	1235.2	1.93	3.72	1.60	3.7	5.00 2.46	10.1	0.0	100	65	0.6	4.3	11.56		9.58	17.59	10.10	30.66	28.14	24.44	22.31	20.11	16.05
CW103C	1047.7	1.64	2.69	1.16	3.6	6.00 2.46	4.2	0.0	100	20	0.2	3.1	9.27		7.82	17.59	4.20	7.82	7.82	7.82	7.82	7.82	7.82
CW104A	1032.3	1.61	2.71	1.12	2.6	3.00 2.46	22.4	0.0	100	58	15.9	9.1	10.32		8.70	17.59	17.59	27.17	24.98	21.77	19.92	17.99	14.43
HI100A	2306.6	3.60	3.60	1.31	2.5	2.00 2.46	11.5	0.0	100	60	17.1	9.5	12.96	1.97	10.98	17.59	11.50	34.56	31.76	27.65	25.28	22.82	18.28
HI100B	2629.1	4.11	5.73	2.58	3.8	5.00 2.46	26.8	0.0	100	21	4.6	14.6	13.09		9.92	17.59	22.18	24.94	23.28	20.88	19.45	17.95	15.09
JB100A	3068.2	4.79	3.98	1.68	3.1	5.00 2.46	54.2	49.3	100	0	0.0	30.1	5.94		4.33	17.59	54.20	4.33	4.33	4.33	4.33	4.33	4.33
LD100A	1459.2	2.28	2.78	1.53	7	7.00 2.46	50.6	100.0	100	8	0.0	22.6	3.62		2.97	17.59	50.60	2.97	2.97	2.97	2.97	2.97	2.97
MA100A	2526.1	3.95	3.91	2.37	4	5.00 2.46	44.4	53.5	100	35	46.9	20.5	11.48		9.31	17.59	17.59	26.11	24.19	21.38	19.74	18.02	14.79
MA100B MA100C	670.7 3100.2	1.05 4.84	2.49 4.39	1.14 1.72	2.4 3.9	2.00 2.46 2.00 2.46	18.9 31.9	0.0	100 70	45 11	22.3 16.2	8.4 16.8	10.00 12.64		8.29 10.63	17.59 29.03	17.59 29.03	24.51 10.63	22.62 10.63	19.86 10.63	18.25	16.57 10.63	13.45 10.63
MA100D	1580.8	2.47	3.32	1.72	3.5	2.00 2.46	32.9	0.0	55	25	7.9	20.0	12.64		8.95	40.73	32.90	23.34	21.73	19.39	18.01	16.56	13.80
MA100E	2497.9	3.90	4.55	2.57	8.9	8.00 2.46	45.2	79.0	60	0	14.7	21.4	9.71		8.47	36.04	36.04	8.47	8.47	8.47	8.47	8.47	8.47
MG100A	880.0	1.38	2.21	1.06	2.64	10.00 2.46	0.0	0.0	100	96	0.4	1.6	9.00		7.43	17.59	0.00	25.86	23.59	20.28	18.38	16.43	12.88
MG100B	1214.1	1.90	2.16	1.17	2.64	10.00 2.46	0.5	100.0	100	58	0.0	0.5	8.88		7.89	17.59	0.50	24.65	22.66	19.75	18.07	16.32	13.09
MG100C	693.8	1.08	2.20	1.10	2.64	10.00 2.46	100.0	100.0	100	0	0.0	30.0	2.73	0.62	2.11	17.59	100.00	2.11	2.11	2.11	2.11	2.11	2.11
MG100D	150.4	0.24	0.47	0.51	2.64	10.00 2.46	100.0	100.0	100	0	0.0	30.0	0.92		0.64	17.59	100.00	0.64	0.64	0.64	0.64	0.64	0.64
MG100E	97.9	0.15	0.40	0.25	2.64	10.00 2.46	100.0	100.0	100	0	0.0	30.0	0.82		0.69	17.59	100.00	0.69	0.69	0.69	0.69	0.69	0.69
MG100F	113.9	0.18	0.45	0.34	2.64	10.00 2.46	100.0	100.0	100	0	0.0	30.0	0.89		0.71	17.59	100.00	0.71	0.71	0.71	0.71	0.71	0.71
MG100G	193.3	0.30	0.72	0.36	2.64	10.00 2.46	100.0	100.0	100	0	0.0	30.0	1.24		1.05	17.59	100.00	1.05	1.05	1.05	1.05	1.05	1.05
MG100H	196.5	0.31	0.74	0.40	2.64	10.00 2.46	100.0	100.0	100	0	0.0	30.0	1.26		1.05	17.59	100.00	1.05	1.05	1.05	1.05	1.05	1.05
MG100I	73.0	0.11	0.40	0.21 0.25	2.64 2.64	10.00 2.46 10.00 2.46	100.0 100.0	100.0 100.0	100	0	0.0	30.0 17.1	0.82		0.71	17.59 17.59	100.00 100.00	0.71 0.57	0.71	0.71 0.57	0.71	0.71	0.71
MG100J	48.6	0.08																					





FEMA Effective Model as of June 18, 2007 TC&R values for FEMA Effective Model Clear Creek and Armand Bayou Watershed HCFCD TC&R Excel Template

*LOMR Effective October 16, 2015

Subwatershed	<u>Drainage</u> <u>Area</u>	Drainage Area	Watershed Length (mi.)	<u>Length to</u> <u>Centroid(mi.)</u>	<u>Channel</u> <u>Slope(ft./mi)</u>	Overland Slope(ft./mi.)	<u>D</u>	Percent Urban Development 2002	Percent Channel Improvement	Percent Channel Conveyance		DLU affected by Detention	Percent Impervious	(TC+R)"	TC"	<u>R"</u>	DLU DLU Minimum (Detention)	Ponding Adjustments for Storage Values (R")	
	(acres)	<u>(sq.mi.)</u>	L	Lca	S	So		DLU	DCI	DCC	DPP	DET	<u>2002</u>					20% (5-Yr) 10% (100-Yr) 4% (25-Yr) 2% (50-Yr) 1% (100-Yr) 0.2% (50-Yr)	JO-Yr)

Subbasin	Drainage Area (acres)	Drainage Area (mi²) DA	Watershed Length (mi) L	Length to Centroid (mi) Lca	Channel Slope (ft/mi) s	Watershed Slope (ft/mi) so	D Value	Development (Unadjusted) % bLU	Channel Improvement % pci	Channel Conveyance % occ	Ponding % DPP	Development Affected by Detention % DET	Impervious %		Time of Conce ntration (HR.)		ent	Developme nt (Adjusted) % DLU_Det	Storage Coefficient 10% (10-YR)
B113A	977.92	1.528	2.193	0.624	4.7	4.2	2.5	69.1	100.0	50	0	30.67	41.0		0.32		46.5	46.5	6.98
B113B	1376	2.150	3.503	1.859	4.7	4.2	2.5	44.7	74.3	50	0	39.31	25.7		1.24		46.5	44.7	8.93
B115A	720	1.125	1.971	1.100	7.6	6.8	2.5	68.2	100.0	80	0	5.69	48.5		0.42		24.1	62.5	2.55
B115B	990.08	1.547	3.070	2.306	1.6	6.8	2.5	71.4	100.0	80	0	30.06	44.3	9.31	2.27	7.04	24.1	41.3	7.03

Storage Coefficient 2% (50-YR)	Storage Coefficient 1% (100-YR)	Storage Coefficient 0.2% (500-YR
6.98	6.98	6.98
8.93	8.93	8.93
2.55	2.55	2.55
7.03	7.03	7.03