

FLOODING SOURCE		FLOODWAY			BASE FLOOD WATER-SURFACE ELEVATION (FEET NAVD 88)			
CROSS SECTION	DISTANCE ¹	WIDTH (FEET)	SECTION AREA (SQUARE FEET)	MEAN VELOCITY (FEET PER SECOND)	REGULATORY	WITHOUT FLOODWAY	WITH FLOODWAY	INCREASE
West Back Creek								
004	380	200	1,098	4.1	515.2	505.3 ²	505.3	0.0
010	1,040	170	1,406	3.4	515.2	507.2 ²	507.3	0.1
024	2,390	135	1,018	4.6	515.2	509.7 ²	510.2	0.5
049	4,910	120	1,035	4.3	516.3	516.3	516.5	0.2
077	7,740	170	958	4.7	522.8	522.8	523.4	0.6
098	9,770	120	773	5.8	530.4	530.4	530.7	0.3
107	10,680	75	785	5.3	533.2	533.2	533.4	0.2
111	11,060	70	644	6.4	533.8	533.8	534.1	0.3
122	12,210	90	616	6.7	538.2	538.2	538.3	0.1
143	14,280	100	971	4.3	544.3	544.3	544.6	0.3
174	17,390	130	1,151	3.4	549.4	549.4	550.2	0.8
187	18,680	150	904	4.4	551.9	551.9	552.5	0.6
204	20,370	100	964	6.6	556.5	556.5	556.8	0.3
223	22,309	174	1,256	5.7	559.9	559.9	560.3	0.4
224	22,380	200	1,465	2.7	559.9	559.9	560.6	0.7
252	25,150	110	858	6.8	566.7	566.7	567.3	0.6
264	26,415	106	1,037	3.3	569.0	569.0	569.8	0.8
269	26,906	106	867	3.9	569.6	569.6	570.5	0.9
274	27,401	116	908	3.7	570.9	570.9	571.6	0.7
277	27,722	100	760	4.5	571.6	571.6	572.1	0.5
282	28,242	122	785	4.3	572.8	572.8	573.2	0.4
287	28,748	141	1,004	3.4	574.2	574.2	574.4	0.2
292	29,203	166	1,033	3.3	574.7	574.7	574.9	0.2
296	29,624	192	1,270	2.7	575.4	575.4	575.5	0.1
300	30,019	220	1,271	2.7	576.0	576.0	576.1	0.1

¹Feet above mouth

²Elevation computed without consideration of backwater effects from Big Alamance Creek

REVISED DATA

**REVISED TO REFLECT
LOMR EFFECTIVE:
AUGUST 20, 2007**

TABLE 13

FEDERAL EMERGENCY MANAGEMENT AGENCY

**ALAMANCE COUNTY, NC
AND INCORPORATED AREAS**

FLOODWAY DATA

WEST BACK CREEK