

FLOOD INSURANCE STUDY

FEDERAL EMERGENCY MANAGEMENT AGENCY

VOLUME 2 OF 3



MONTGOMERY COUNTY, TENNESSEE AND INCORPORATED AREAS

COMMUNITY NAME	COMMUNITY NUMBER
CLARKSVILLE, CITY OF	470137
MONTGOMERY COUNTY, UNINCORPORATED AREAS	470136



FEMA

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Volume 3
Exhibit 1

Flood Profiles	<u>Panel</u>
Antioch Creek	01-03 P
Baggett Branch	04-05 P
Bascomb Eldridge Creek	06 P
Big Bartons Creek	07-11 P
Big McAdoo Creek	12-19 P
Big West Fork	20-21 P
Blooming Grove Creek	22-28 P
Bryant Branch	29 P
Budds Creek	30-34 P
Cumberland River	35-37 P
East Fork Yellow River	38-44 P
Fletchers Fork	45-46 P
Half Pone Creek	47-48 P
Indian Creek	49 P
Little Bartons Creek	50-55 P
Little McAdoo Creek	56-58 P
Little West Fork	59-60 P
Louise Creek	61-68 P
Lower Meadowbrook Creek	69-71 P
Noahs Spring Branch	72 P
Red River	73-74 P
Sullivan Branch	75 P
Upper Meadowbrook Creek	76-78 P
Wall Branch	79-81 P
Yellow Creek	82-86 P

Published Separately

Flood Insurance Rate Map (FIRM)

Table 23: Floodway Data

LOCATION		FLOODWAY			1% ANNUAL CHANCE FLOOD WATER SURFACE ELEVATION (FEET NAVD88)			
CROSS SECTION	DISTANCE ¹	WIDTH (FEET)	SECTION AREA (SQ. FEET)	MEAN VELOCITY (FEET/ SEC)	REGULATORY	WITHOUT FLOODWAY	WITH FLOODWAY	INCREASE
A	0.65	431	9,710	4.2	390.6	381.6 ²	382.6 ²	1.0
B	1.00	576	11,343	3.2	390.6	382.1 ²	383.1 ²	1.0
C	1.49	555	9,259	3.9	390.6	382.5 ²	383.5 ²	1.0
D	2.05	557	10,532	3.5	390.6	383.2 ²	384.2 ²	1.0
E	2.43	748	12,833	2.8	390.6	383.6 ²	384.6 ²	1.0
F	2.86	595	10,404	3.5	390.6	383.9 ²	384.9 ²	1.0
G	3.35	817	12,857	2.8	390.6	384.5 ²	385.5 ²	1.0
H	3.88	566	9,147	4.0	390.6	384.9 ²	385.9 ²	1.0
I	4.37	591	8,871	4.1	390.6	385.6 ²	386.6 ²	1.0
J	5.06	514	10,385	3.5	390.6	386.6 ²	387.6 ²	1.0
K	5.55	428	6,968	2.9	390.6	387.2 ²	388.2 ²	1.0
L	6.26	513	8,024	2.5	390.6	387.8 ²	388.8 ²	1.0
M	6.74	413	5,210	3.9	390.6	388.1 ²	389.1 ²	1.0
N	7.12	436	6,212	3.3	390.6	388.8 ²	389.8 ²	1.0
O	7.56	323	4,703	4.3	390.6	389.4 ²	390.4 ²	1.0
P	8.36	256	3,497	4.5	390.8	390.8	391.8	1.0
Q	8.80	161	2,974	5.2	391.9	391.9	392.8	0.9
R	9.50	158	2,798	5.6	393.4	393.4	394.3	0.9
S	10.00	172	2,540	6.1	394.9	394.9	395.8	0.9
T	10.42	234	2,953	5.3	397.4	397.4	398.1	0.7
U	10.48	382	3,506	4.4	397.7	397.7	398.5	0.8
V	10.98	114	2,129	7.3	399.5	399.5	400.1	0.6

¹ Miles above confluence with Red River

² Elevation computed without consideration of backwater effects

TABLE 23

**FEDERAL EMERGENCY MANAGEMENT AGENCY
MONTGOMERY COUNTY, TENNESSEE
AND INCORPORATED AREAS**

FLOODWAY DATA

FLOODING SOURCE: BIG WEST FORK

LOCATION		FLOODWAY			1% ANNUAL CHANCE FLOOD WATER SURFACE ELEVATION (FEET NAVD88)			
CROSS SECTION	DISTANCE ¹	WIDTH (FEET)	SECTION AREA (SQ. FEET)	MEAN VELOCITY (FEET/ SEC)	REGULATORY	WITHOUT FLOODWAY	WITH FLOODWAY	INCREASE
W	11.50	190	2,438	6.4	401.6	401.6	402.6	1.0
X	12.02	119	2,073	7.5	404.2	404.2	405.0	0.8
Y	12.31	142	2,509	6.2	405.6	405.6	406.6	1.0
Z	12.37	171	2,365	6.6	405.7	405.7	406.7	1.0
AA	12.41	172	2,406	6.5	406.0	406.0	407.0	1.0
AB	12.96	107	1,816	8.6	408.8	408.8	409.4	0.6
AC	13.50	164	2,208	7.1	412.2	412.2	412.9	0.7
AD	13.86	160	2,076	7.5	414.4	414.4	415.0	0.6
AE	14.25	218	2,791	5.6	416.8	416.8	417.3	0.5
AF ³	14.64	163	2,279	6.5	418.7	418.7	419.3	0.6

¹ Miles above confluence with Red River

³ Cross Section not shown on maps, located outside county limits

TABLE 23

FEDERAL EMERGENCY MANAGEMENT AGENCY
MONTGOMERY COUNTY, TENNESSEE
AND INCORPORATED AREAS

FLOODWAY DATA

FLOODING SOURCE: BIG WEST FORK

LOCATION		FLOODWAY			1% ANNUAL CHANCE FLOOD WATER SURFACE ELEVATION (FEET NAVD88)			
CROSS SECTION	DISTANCE ¹	WIDTH (FEET)	SECTION AREA (SQ. FEET)	MEAN VELOCITY (FEET/ SEC)	REGULATORY	WITHOUT FLOODWAY	WITH FLOODWAY	INCREASE
A	552,699	2,899	58,663	4.3	381.6	381.6	382.6	1.0
B	565,899	2,772	68,481	3.7	382.9	382.9	383.9	1.0
C	580,366	2,418	62,526	4.0	384.1	384.1	385.1	1.0
D	588,339	2,297	57,767	4.3	384.8	384.8	385.8	1.0
E	596,998	2,623	72,778	3.4	386.0	386.0	387.0	1.0
F	604,760	3,206	85,793	2.9	386.6	386.6	387.6	1.0
G	612,416	3,321	85,939	2.9	387.3	387.3	388.3	1.0
H	620,811	3,521	86,603	2.9	387.9	387.9	388.9	1.0
I	630,843	2,402	61,004	4.1	388.8	388.8	389.8	1.0
J	636,493	2,198	56,711	4.4	389.5	389.5	390.5	1.0
K	642,829	2,365	57,530	4.3	390.4	390.4	391.4	1.0
L	646,155	2,238	58,876	3.3	391.0	391.0	392.0	1.0
M	650,907	2,188	55,963	3.5	391.4	391.4	392.4	1.0
N	655,131	2,308	64,271	3.1	391.7	391.7	392.7	1.0
O	660,041	1,922	51,743	3.8	392.0	392.0	393.0	1.0
P	670,601	2,076	54,888	3.6	392.8	392.8	393.8	1.0
Q	680,105	1,946	59,169	3.3	393.4	393.4	394.4	1.0
R	686,758	1,955	52,710	3.7	393.8	393.8	394.8	1.0
S	693,517	2,513	65,138	3.0	394.4	394.4	395.4	1.0
T	702,757	2,442	62,434	3.2	394.9	394.9	395.9	1.0
U	708,829	3,296	74,150	2.7	395.2	395.2	396.2	1.0
V	714,796	2,604	54,550	3.6	395.5	395.5	396.5	1.0

¹ Feet above confluence with Ohio River

TABLE 23

FEDERAL EMERGENCY MANAGEMENT AGENCY
MONTGOMERY COUNTY, TENNESSEE
AND INCORPORATED AREAS

FLOODWAY DATA

FLOODING SOURCE: CUMBERLAND RIVER

LOCATION		FLOODWAY			1% ANNUAL CHANCE FLOOD WATER SURFACE ELEVATION (FEET NAVD88)			
CROSS SECTION	DISTANCE ¹	WIDTH (FEET)	SECTION AREA (SQ. FEET)	MEAN VELOCITY (FEET/ SEC)	REGULATORY	WITHOUT FLOODWAY	WITH FLOODWAY	INCREASE
W	720,709	3,399	81,418	2.4	395.8	395.8	396.8	1.0
X	726,358	3,523	85,296	2.3	396.1	396.1	397.1	1.0
Y	732,219	3,421	76,979	2.6	396.4	396.4	397.4	1.0
Z	738,555	2,651	58,696	3.4	396.8	396.8	397.8	1.0

¹ Feet above confluence with Ohio River

TABLE 23

FEDERAL EMERGENCY MANAGEMENT AGENCY
MONTGOMERY COUNTY, TENNESSEE
AND INCORPORATED AREAS

FLOODWAY DATA

FLOODING SOURCE: CUMBERLAND RIVER

LOCATION		FLOODWAY			1% ANNUAL CHANCE FLOOD WATER SURFACE ELEVATION (FEET NAVD88)			
CROSS SECTION	DISTANCE ¹	WIDTH (FEET)	SECTION AREA (SQ. FEET)	MEAN VELOCITY (FEET/ SEC)	REGULATORY	WITHOUT FLOODWAY	WITH FLOODWAY	INCREASE
A	0.09	302	2,247	4.2	410.3	410.1 ²	411.1 ²	1.0
B	0.65	163	1,657	5.7	413.7	413.7	414.7	1.0
C	0.78	402	1,470	6.4	415.7	415.7	416.6	0.9
D	0.83	149	1,130	8.3	416.7	416.7	417.5	0.8
E	1.14	149	1,438	6.5	422.5	422.5	423.5	1.0
F	1.48	119	1,290	7.2	426.6	426.6	427.6	1.0
G	1.86	188	1,841	5.1	430.6	430.6	431.6	1.0
H	2.16	241	1,702	5.5	433.3	433.3	434.2	0.9
I	2.39	299	1,809	5.2	436.4	436.4	437.4	1.0
J	2.73	311	1,737	5.4	441.6	441.6	442.6	1.0
K	3.29	270	1,361	6.1	449.3	449.3	450.3	1.0
L	3.57	158	1,023	8.1	453.7	453.7	454.4	0.7
M	3.62	261	1,487	5.6	458.4	458.4	459.3	0.9
N	3.67	157	1,229	6.7	455.8	455.8	456.5	0.7
O	3.93	148	1,487	4.5	458.4	458.4	459.3	0.9
P	4.14	74	630	10.6	459.5	459.5	460.2	0.7
Q	4.30	125	972	6.9	464.1	464.1	465.1	1.0
R	4.35	83	665	10.0	465.1	465.1	465.9	0.8
S	4.39	236	1,434	4.6	467.3	467.6	468.3	1.0
T	4.48	164	1,122	5.9	468.3	468.3	469.2	0.9

¹ Miles above confluence with Little West Fork

² Elevation computed without consideration of backwater effects

TABLE 23

FEDERAL EMERGENCY MANAGEMENT AGENCY
MONTGOMERY COUNTY, TENNESSEE
AND INCORPORATED AREAS

FLOODWAY DATA

FLOODING SOURCE: FLETCHERS FORK

LOCATION		FLOODWAY			1% ANNUAL CHANCE FLOOD WATER SURFACE ELEVATION (FEET NAVD88)			
CROSS SECTION	DISTANCE ¹	WIDTH (FEET)	SECTION AREA (SQ. FEET)	MEAN VELOCITY (FEET/ SEC)	REGULATORY	WITHOUT FLOODWAY	WITH FLOODWAY	INCREASE
A	1.46	308	4,768	4.9	390.6	386.6 ²	387.6 ²	1.0
B	2.00	370	5,490	4.3	390.6	389.0 ²	390.0 ²	1.0
C	2.37	378	6,898	3.4	390.6	390.2 ²	391.2 ²	1.0
D	2.77	232	3,782	6.3	391.4	391.4	392.4	1.0
E	2.93	240	3,449	6.8	392.8	392.8	393.8	1.0
F	3.15	420	6,800	3.5	394.5	394.5	395.3	0.8
G	4.10	508	6,975	3.4	396.8	396.8	397.7	0.9
H	4.70	395	5,633	4.2	398.9	398.9	399.9	1.0
I	5.25	211	3,489	6.8	401.0	401.0	402.0	1.0
J	5.75	208	3,460	6.8	403.4	403.4	404.4	1.0
K	6.20	297	4,323	5.5	405.6	405.6	406.6	1.0
L	6.40	311	5,023	4.7	406.4	406.4	407.4	1.0
M	6.90	300	4,319	5.5	407.9	407.9	408.9	1.0
N	7.11	248	4,463	5.3	408.7	408.7	409.7	1.0
O	7.27	471	5,066	4.7	409.5	409.5	410.5	1.0
P	7.38	491	5,022	4.7	409.9	409.9	410.9	1.0
Q	7.43	357	4,929	4.8	410.4	410.4	411.3	0.9
R	7.61	220	2,942	6.6	410.8	410.8	411.6	0.8
S	7.96	237	3,020	6.5	412.8	412.8	413.8	1.0
T	8.47	225	3,083	6.3	416.1	416.1	417.1	1.0
U	8.90	242	3,637	5.4	418.6	418.6	419.5	0.9
V	9.35	197	2,836	6.9	420.5	420.5	421.4	0.9

¹ Miles above confluence with Big West Fork

² Elevation computed without consideration of backwater effects

TABLE 23

FEDERAL EMERGENCY MANAGEMENT AGENCY
MONTGOMERY COUNTY, TENNESSEE
AND INCORPORATED AREAS

FLOODWAY DATA

FLOODING SOURCE: LITTLE WEST FORK

LOCATION		FLOODWAY			1% ANNUAL CHANCE FLOOD WATER SURFACE ELEVATION (FEET NAVD88)			
CROSS SECTION	DISTANCE ¹	WIDTH (FEET)	SECTION AREA (SQ. FEET)	MEAN VELOCITY (FEET/ SEC)	REGULATORY	WITHOUT FLOODWAY	WITH FLOODWAY	INCREASE
W	9.47	241	3,760	5.2	425.0	425.0	425.9	0.9
X	9.79	361	3,804	5.1	426.1	426.1	427.0	0.9
Y	10.13	396	4,578	4.3	427.3	427.3	428.3	1.0
Z	10.52	462	5,328	3.7	428.5	428.5	429.5	1.0
AA	10.62	292	4,242	4.6	429.0	429.0	429.9	0.9
AB	11.04	1,015	9,931	2.0	430.3	430.3	431.3	1.0
AC	11.45	778	7,287	2.7	431.1	431.1	432.1	1.0
AD	11.74	955	6,505	3.0	432.2	432.2	433.2	1.0
AE	12.09	477	3,692	5.3	434.8	434.8	435.6	0.8
AF	12.20	376	3,965	4.9	436.1	436.1	436.9	0.8
AG	12.57	517	4,914	4.0	438.3	438.3	439.2	0.9
AH	12.88	698	4,997	3.9	440.4	440.4	441.4	1.0
AI	12.92	764	5,622	3.5	440.7	440.7	441.7	1.0

¹ Miles above confluence with Big West Fork

TABLE 23

FEDERAL EMERGENCY MANAGEMENT AGENCY
MONTGOMERY COUNTY, TENNESSEE
AND INCORPORATED AREAS

FLOODWAY DATA

FLOODING SOURCE: LITTLE WEST FORK

LOCATION		FLOODWAY			1% ANNUAL CHANCE FLOOD WATER SURFACE ELEVATION (FEET NAVD88)			
CROSS SECTION	DISTANCE ¹	WIDTH (FEET)	SECTION AREA (SQ. FEET)	MEAN VELOCITY (FEET/ SEC)	REGULATORY	WITHOUT FLOODWAY	WITH FLOODWAY	INCREASE
A	610	19	133	7.7	393.7	379.2 ²	380.0	0.8
B	910	29	98	10.4	393.7	384.5 ²	384.5	0.0
C	1,760	32	102	9.8	404.5	404.5	404.5	0.0
D	2,155	45	174	5.7	410.3	410.3	410.3	0.0
E	2,365	93	508	2.0	419.2	419.2	419.8	0.6
F	2,715	65	216	4.6	419.7	419.7	420.3	0.6
G	2,900	55	133	7.5	425.6	425.6	425.6	0.0
H	3,038	35	14	6.9	428.4	428.4	429.1	0.7
I	3,943	78	365	2.1	433.9	433.9	434.9	1.0
J	4,298	60	129	5.9	439.8	439.8	439.8	0.0
K	4,473	59	158	4.8	443.6	443.6	443.6	0.0
L	4,943	35	80	7.7	448.6	448.6	448.8	0.2
M	5,228	50	214	2.9	453.4	453.4	453.4	0.0
N	5,533	43	160	2.1	453.7	453.7	453.9	0.2
O	5,818	48	240	1.4	463.7	463.7	463.7	0.0
P	7,173	13	43	7.0	468.1	468.1	468.1	0.0
Q	7,873	14	15	6.0	479.1	479.1	479.1	0.0
R	8,313	15	26	3.5	486.8	486.8	487.2	0.4
S	8,645	5	11	8.5	493.6	493.6	493.6	0.0
T	9,040	18	28	3.2	500.2	500.2	500.3	0.1

¹ Feet above confluence with Little West Fork

² Elevation computed without consideration of backwater effects

TABLE 23

FEDERAL EMERGENCY MANAGEMENT AGENCY
MONTGOMERY COUNTY, TENNESSEE
AND INCORPORATED AREAS

FLOODWAY DATA

FLOODING SOURCE: LOWER MEADOWBROOK CREEK

LOCATION		FLOODWAY			1% ANNUAL CHANCE FLOOD WATER SURFACE ELEVATION (FEET NAVD88)			
CROSS SECTION	DISTANCE ¹	WIDTH (FEET)	SECTION AREA (SQ. FEET)	MEAN VELOCITY (FEET/ SEC)	REGULATORY	WITHOUT FLOODWAY	WITH FLOODWAY	INCREASE
A	0.00	734	4,995	3.9	442.4	442.4	443.4	1.0
B	0.05	756	5,524	2.6	442.9	442.9	443.9	1.0
C	0.24	633	7,966	1.8	443.3	443.3	444.3	1.0

¹ Miles above confluence with Little West Fork

TABLE 23

FEDERAL EMERGENCY MANAGEMENT AGENCY
MONTGOMERY COUNTY, TENNESSEE
AND INCORPORATED AREAS

FLOODWAY DATA

FLOODING SOURCE: NOAHS SPRING BRANCH

LOCATION		FLOODWAY			1% ANNUAL CHANCE FLOOD WATER SURFACE ELEVATION (FEET NAVD88)			
CROSS SECTION	DISTANCE ¹	WIDTH (FEET)	SECTION AREA (SQ. FEET)	MEAN VELOCITY (FEET/ SEC)	REGULATORY	WITHOUT FLOODWAY	WITH FLOODWAY	INCREASE
A	0.17	411	13,240	6.2	390.6	388.1 ²	389.1 ²	1.0
B	0.26	324	11,247	7.3	390.6	388.1 ²	389.1 ²	1.0
C	0.30	324	11,346	7.3	390.6	388.57 ²	389.5 ²	1.0
D	0.54	353	12,248 ²	6.7	390.6	389.0 ²	389.9 ²	0.9
E	0.98	600	18,466	4.5	390.6	390.0 ²	391.0 ²	1.0
F	1.27	474	14,983	5.5	390.6	390.2 ²	391.2 ²	1.0
G	1.59	784	15,249	4.2	390.9	390.9	391.9	1.0
H	2.02	426	11,649	5.4	391.5	391.5	392.5	1.0
I	2.17	515	13,428	4.7	391.9	391.9	392.9	1.0
J	2.21	516	13,497	4.7	392.0	392.0	393.0	1.0
K	2.27	811	18,521	3.4	392.3	392.3	393.3	1.0
L	2.31	811	18,591	3.4	392.3	392.3	393.3	1.0
M	2.50	885	19,677	3.2	392.6	392.6	393.6	1.0
N	3.05	750	17,476	3.6	393.1	393.1	394.1	1.0
O	3.77	722	17,925	3.5	393.9	393.9	394.8	0.9
P	4.03	971	21,632	2.9	394.2	394.2	395.1	0.9
Q	4.70	858	19,561	3.2	394.7	394.7	395.7	1.0
R	5.05	930	19,747	3.2	395.0	395.0	396.0	1.0
S	5.60	778	18,222	3.5	395.5	395.5	396.5	1.0
T	6.00	829	19,865	3.2	395.9	395.9	396.9	1.0
U	7.08	780	17,509	3.6	396.9	396.9	397.9	1.0
V	7.70	755	17,660	3.6	397.6	397.6	398.6	1.0

¹ Miles above confluence with Cumberland River

² Elevation computed without consideration of backwater effects

TABLE 23

FEDERAL EMERGENCY MANAGEMENT AGENCY
MONTGOMERY COUNTY, TENNESSEE
AND INCORPORATED AREAS

FLOODWAY DATA

FLOODING SOURCE: RED RIVER

LOCATION		FLOODWAY			1% ANNUAL CHANCE FLOOD WATER SURFACE ELEVATION (FEET NAVD88)			
CROSS SECTION	DISTANCE ¹	WIDTH (FEET)	SECTION AREA (SQ. FEET)	MEAN VELOCITY (FEET/ SEC)	REGULATORY	WITHOUT FLOODWAY	WITH FLOODWAY	INCREASE
W	8.53	319	9,941	6.4	398.7	398.7	399.7	1.0
X	8.57	320	10,013	6.3	398.8	398.8	399.8	1.0
Y	9.16	827	19,586	3.2	400.3	400.3	401.3	1.0
Z	9.71	756	19,169	3.3	400.9	400.9	401.9	1.0
AA	10.14	754	18,241	3.5	401.4	401.4	402.4	1.0
AB	10.55	771	16,870	3.8	401.9	401.9	402.9	1.0
AC	11.20	737	17,314	3.7	402.9	402.9	403.8	0.9
AD	11.55	596	16,454	3.8	403.4	403.4	404.3	0.9
AE	12.11	871	19,109	3.3	404.1	404.1	405.0	0.9
AF	12.60	883	21,260	3.0	404.7	404.7	405.7	1.0
AG	13.05	705	18,021	3.5	405.1	405.1	406.1	1.0
AI	13.12	665	18,025	3.5	405.3	405.3	406.3	1.0
AH	13.08	664	17,970	3.5	405.2	405.2	406.2	1.0
AJ	13.23	387	12,750	5.0	405.3	405.3	406.3	1.0
AK	13.27	389	12,829	4.9	405.4	405.4	406.4	1.0
AL	13.76	670	20,250	3.1	406.2	406.2	407.2	1.0
AM	14.30	845	18,363	3.4	406.7	406.7	407.7	1.0
AN	14.80	650	17,675	3.5	407.4	407.4	408.4	1.0
AO	15.03	734	16,544	3.7	407.7	407.7	408.7	1.0
AP	15.90	683	17,090	3.6	409.0	409.0	409.9	0.9
AQ	16.20	670	16,891	3.6	409.3	409.3	410.2	0.9

¹ Miles above confluence with Cumberland River

TABLE 23

FEDERAL EMERGENCY MANAGEMENT AGENCY
MONTGOMERY COUNTY, TENNESSEE
AND INCORPORATED AREAS

FLOODWAY DATA

FLOODING SOURCE: RED RIVER

LOCATION		FLOODWAY			1% ANNUAL CHANCE FLOOD WATER SURFACE ELEVATION (FEET NAVD88)			
CROSS SECTION	DISTANCE ¹	WIDTH (FEET)	SECTION AREA (SQ. FEET)	MEAN VELOCITY (FEET/ SEC)	REGULATORY	WITHOUT FLOODWAY	WITH FLOODWAY	INCREASE
A	-340	93	534	3.9	498.7	486.5 ²	487.4	0.9
B	-15	38	173	8.8	498.7	487.9 ²	488.6	0.7
C	270	57	584	3.2	498.7	495.6 ²	495.6	0.0
D	1,600	75	415	4.6	498.7	496.7 ²	497.6	0.9
E	2,570	29	174	9.5	501.2	501.2	501.5	0.3
F	2,710	80	448	3.7	504.7	504.7	505.4	0.7
G	3,120	65	368	3.5	505.2	505.2	506.2	1.0
H	3,643	37	206	5.0	508.7	508.7	508.7	0.0
I	3,933	80	445	2.3	514.8	514.8	515.3	0.5
J	4,783	45	120	1.8	515.3	515.3	515.9	0.6
K	5,288	25	50	4.4	519.4	519.4	519.4	0.0
L	6,463	13	22	2.6	526.9	526.9	526.9	0.0
M	7,013	33	51	1.1	532.2	532.2	532.2	0.0
N	7,148	20	33	1.7	532.3	532.3	532.3	0.0
O	7,278	35	77	0.7	534.3	534.3	534.3	0.0
P	7,528	19	12	4.6	535.3	535.3	535.3	0.0
Q	7,663	21	134	0.3	542.7	542.7	543.1	0.4
R	7,853	21	106	0.4	542.7	542.7	543.1	0.4
S	8,509	12	23	1.3	542.8	542.8	543.2	0.4
T	8,755	9	9	3.4	545.3	545.3	545.3	0.0

¹ Feet above U.S. Highway 41-A

² Elevation computed without consideration of backwater effects

TABLE 23

FEDERAL EMERGENCY MANAGEMENT AGENCY
MONTGOMERY COUNTY, TENNESSEE
AND INCORPORATED AREAS

FLOODWAY DATA

FLOODING SOURCE: UPPER MEADOWBROOK CREEK

Non-encroachment areas may be delineated where it is not possible to delineate floodways because specific channel profiles with bridge and culvert geometry were not developed. Any non-encroachment determinations for this Flood Risk Project have been tabulated for selected cross sections and are shown in Table 24. The non-encroachment width indicates the measured distance left and right (looking downstream) from the mapped center of the stream to the non-encroachment boundary based on a surcharge of 1.0 foot or less.

Table 24: Flood Hazard and Non-Encroachment Data for Selected Streams

Flooding Source	Cross Section	Stream Station (feet above mouth)	1% Annual Chance Flood Discharge (cfs)	1% Annual Chance Water Surface Elevation (feet NAVD88)	Non-Encroachment Width (feet)	
					Left	Right
Antioch Creek		264	4,251	386.3 ¹	396	149
Antioch Creek		407	4,251	386.3 ¹	160	249
Antioch Creek		692	4,251	386.3 ¹	21	332
Antioch Creek		881	4,251	386.3 ¹	17	427
Antioch Creek		1,486	4,251	386.3 ¹	240	164
Antioch Creek		2,073	4,251	386.3 ¹	21	396
Antioch Creek		2,500	4,251	386.3 ¹	21	324
Antioch Creek		3,000	4,251	386.3 ¹	21	336
Antioch Creek		3,500	4,251	386.3 ¹	21	453
Antioch Creek		3,931	4,251	386.3 ¹	21	465
Antioch Creek		4,286	4,251	386.3 ¹	21	361
Antioch Creek		4,899	4,251	386.3 ¹	330	21
Antioch Creek		5,244	4,251	386.3 ¹	238	21
Antioch Creek		5,500	3,902	386.3 ¹	341	25
Antioch Creek		6,045	3,902	386.3 ¹	346	23
Antioch Creek		6,489	3,902	386.3 ¹	218	167
Antioch Creek		6,792	3,902	386.3 ¹	100	240
Antioch Creek		7,032	3,902	386.3 ¹	29	34
Antioch Creek		7,072	3,902	386.3 ¹	50	55
Antioch Creek		7,100	3,902	386.3 ¹	50	55
Antioch Creek		7,266	3,902	386.3 ¹	25	357
Antioch Creek		7,792	3,902	386.3 ¹	29	318
Antioch Creek		8,463	3,726	386.3 ¹	19	372
Antioch Creek		9,000	3,726	386.3 ¹	25	337
Antioch Creek		9,567	3,726	386.3	26	194

¹ Elevation shown with consideration of backwater effects

Table 24: Flood Hazard and Non-Encroachment Data for Selected Streams continued

Flooding Source	Cross Section	Stream Station (feet above mouth)	1% Annual Chance Flood Discharge (cfs)	1% Annual Chance Water Surface Elevation (feet NAVD88)	Non-Encroachment Width (feet)	
					Left	Right
Antioch Creek	A	10,129	3,124	388.7	153	21
Antioch Creek		10,304	3,124	389.4	90	80
Antioch Creek		10,342	3,124	392.1	92	80
Antioch Creek		10,365	3,124	392.1	92	80
Antioch Creek		10,472	3,124	392.3	143	42
Antioch Creek		10,918	3,124	393.0	232	69
Antioch Creek		11,313	2,602	394.0	122	118
Antioch Creek	B	11,581	2,602	394.6	63	132
Antioch Creek		11,827	2,602	395.6	21	114
Antioch Creek		11,947	2,602	397.2	23	97
Antioch Creek		11,972	2,602	397.3	23	97
Antioch Creek		11,986	2,602	397.3	23	97
Antioch Creek		12,062	2,602	397.6	24	83
Antioch Creek		12,247	2,602	398.0	22	22
Antioch Creek		12,661	2,602	401.4	91	38
Antioch Creek	C	13,075	2,602	402.2	76	17
Antioch Creek		13,525	2,602	403.9	140	17
Antioch Creek		13,855	2,451	404.6	137	17
Antioch Creek		14,275	2,451	407.1	149	17
Antioch Creek	D	14,618	2,451	409.2	163	19
Antioch Creek		14,821	2,451	409.6	31	31
Antioch Creek		14,854	2,451	410.6	31	31
Antioch Creek		14,896	2,451	410.6	31	31
Antioch Creek		15,113	2,451	411.5	73	76
Antioch Creek		15,443	2,451	413.0	122	17
Antioch Creek	E	15,911	2,451	416.1	120	17
Antioch Creek		16,336	2,100	418.9	98	15
Antioch Creek		16,752	2,100	421.0	16	73
Antioch Creek	F	17,009	2,100	423.0	16	102
Baggett Branch		31	4,025	434.4	150	26
Baggett Branch		123	4,025	434.5	42	48
Baggett Branch		187	4,025	435.3	42	46

Table 24: Flood Hazard and Non-Encroachment Data for Selected Streams continued

Flooding Source	Cross Section	Stream Station (feet above mouth)	1% Annual Chance Flood Discharge (cfs)	1% Annual Chance Water Surface Elevation (feet NAVD88)	Non-Encroachment Width (feet)	
					Left	Right
Baggett Branch		245	4,025	435.3	42	46
Baggett Branch		299	4,025	435.5	27	195
Baggett Branch		509	4,025	435.8	25	177
Baggett Branch		717	4,025	436.2	78	76
Baggett Branch	A	978	4,025	436.4	52	20
Baggett Branch		1,500	4,025	438.7	23	27
Baggett Branch		1,885	4,025	440.8	20	78
Baggett Branch		2,304	4,025	441.8	39	104
Baggett Branch	B	2,532	4,025	442.1	37	27
Baggett Branch		2,626	4,025	442.9	37	37
Baggett Branch		2,684	4,025	446.1	70	180
Baggett Branch		2,738	4,025	446.1	70	180
Baggett Branch		2,947	4,025	446.5	21	530
Baggett Branch		3,536	4,025	447.2	30	174
Baggett Branch	C	4,021	3,941	448.8	20	112
Baggett Branch		4,521	3,941	450.2	20	63
Baggett Branch		5,021	3,757	451.8	20	132
Baggett Branch	D	5,397	3,757	453.1	20	173
Baggett Branch		6,021	3,757	454.9	88	20
Baggett Branch		6,521	3,757	457.5	91	19
Baggett Branch	E	7,071	3,757	459.2	212	20
Baggett Branch		7,657	3,757	461.1	156	33
Baggett Branch		7,817	3,757	461.8	43	24
Baggett Branch		8,166	3,757	464.1	173	20
Baggett Branch	F	8668	3,620	465.4	37	210
Baggett Branch		9,521	3,620	468.5	292	19
Baggett Branch	G	10,021	3,620	470.4	382	19
Baggett Branch		10,469	3,620	473.6	60	111
Baggett Branch		10,838	3,620	476.5	98	116
Baggett Branch		11,150	3,620	477.9	135	120
Baggett Branch		11,424	3,620	479.1	99	200
Baggett Branch	H	11,633	3,620	481.2	37	153

Table 24: Flood Hazard and Non-Encroachment Data for Selected Streams continued

Flooding Source	Cross Section	Stream Station (feet above mouth)	1% Annual Chance Flood Discharge (cfs)	1% Annual Chance Water Surface Elevation (feet NAVD88)	Non-Encroachment Width (feet)	
					Left	Right
Baggett Branch		11,834	3,620	482.9	36	126
Baggett Branch		11,990	3,620	483.8	79	55
Baggett Branch		12,043	3,620	486.3	68	68
Baggett Branch		12,085	3,620	486.3	68	68
Baggett Branch		12,290	3,620	487.1	136	23
Baggett Branch		12,608	3,620	488.3	180	131
Baggett Branch	I	12,895	3,620	489.9	138	114
Bascomb Eldridge Creek		60	1,819	412.6 ¹	18	20
Bascomb Eldridge Creek		291	1,819	413.5	17	17
Bascomb Eldridge Creek		500	1,819	415.4	20	46
Bascomb Eldridge Creek		651	1,819	415.9	24	26
Bascomb Eldridge Creek		675	1,819	416.9	26	26
Bascomb Eldridge Creek		711	1,819	416.9	26	26
Bascomb Eldridge Creek		831	1,819	417.1	23	28
Bascomb Eldridge Creek		1,048	1,819	418.8	21	79
Bascomb Eldridge Creek	A	1,364	1,819	420.1	21	74
Bascomb Eldridge Creek		1,942	1,819	423.2	45	19
Bascomb Eldridge Creek		2,572	1,819	427.0	19	19
Bascomb Eldridge Creek	B	3,009	1,819	430.1	15	61
Bascomb Eldridge Creek		3,595	1,819	436.2	79	13
Bascomb Eldridge Creek	C	4,000	1,819	439.2	86	15
Big Bartons Creek		5,655	22,637	397.6 ¹	662	91

¹ Elevation shown with consideration of backwater effects

Table 24: Flood Hazard and Non-Encroachment Data for Selected Streams continued

Flooding Source	Cross Section	Stream Station (feet above mouth)	1% Annual Chance Flood Discharge (cfs)	1% Annual Chance Water Surface Elevation (feet NAVD88)	Non-Encroachment Width (feet)	
					Left	Right
Big Bartons Creek		6,000	22,637	397.6 ¹	657	51
Big Bartons Creek		6,500	22,637	397.6 ¹	612	51
Big Bartons Creek		7,000	22,637	397.6 ¹	553	51
Big Bartons Creek		7,500	22,637	397.6 ¹	468	107
Big Bartons Creek		7,892	22,515	397.6 ¹	388	50
Big Bartons Creek		8,491	22,515	397.6 ¹	418	50
Big Bartons Creek		9,000	22,515	397.6 ¹	470	50
Big Bartons Creek		9,551	22,515	397.6 ¹	125	497
Big Bartons Creek		10,073	22,515	397.6 ¹	50	715
Big Bartons Creek		10,652	22,515	397.6 ¹	578	424
Big Bartons Creek	A	11,178	22,515	397.6 ¹	1,021	50
Big Bartons Creek		11,692	22,515	397.6 ¹	1,291	79
Big Bartons Creek		12,101	22,316	397.6 ¹	1,553	160
Big Bartons Creek		12,398	22,316	397.6 ¹	1,650	41
Big Bartons Creek		12,759	22,316	397.6 ¹	1,633	63
Big Bartons Creek		13,169	22,316	397.6 ¹	1,698	83
Big Bartons Creek		13,667	22,316	397.6 ¹	1,221	366
Big Bartons Creek		14,347	22,316	397.6 ¹	499	532
Big Bartons Creek		14,833	22,316	397.6 ¹	637	562
Big Bartons Creek		15,125	22,316	397.6 ¹	484	513
Big Bartons Creek		15,261	22,316	397.6 ¹	427	484
Big Bartons Creek		15,315	22,316	397.6 ¹	427	484
Big Bartons Creek		15,374	22,316	397.6 ¹	427	484
Big Bartons Creek		15,546	19,676	397.6 ¹	48	719
Big Bartons Creek		16,067	19,676	397.6 ¹	444	248
Big Bartons Creek		16,423	19,676	397.6 ¹	211	484
Big Bartons Creek		16,699	19,676	397.6 ¹	433	454
Big Bartons Creek		17,216	19,676	397.6 ¹	740	47
Big Bartons Creek		17,500	19,676	397.6 ¹	689	47
Big Bartons Creek		17,946	19,676	397.6 ¹	685	47
Big Bartons Creek		18,500	19,676	397.6 ¹	632	47

¹ Elevation computed without consideration of backwater effects

Table 24: Flood Hazard and Non-Encroachment Data for Selected Streams continued

Flooding Source	Cross Section	Stream Station (feet above mouth)	1% Annual Chance Flood Discharge (cfs)	1% Annual Chance Water Surface Elevation (feet NAVD88)	Non-Encroachment Width (feet)	
					Left	Right
Big Bartons Creek		19,000	19,676	397.6 ¹	532	47
Big Bartons Creek	B	19,500	19,676	397.6 ¹	307	80
Big Bartons Creek		20,000	19,676	397.6 ¹	272	77
Big Bartons Creek		20,500	19,676	397.6 ¹	442	68
Big Bartons Creek		21,137	19,676	397.6 ¹	47	486
Big Bartons Creek		21,500	19,587	397.6 ¹	134	507
Big Bartons Creek		21,874	19,587	397.6 ¹	404	349
Big Bartons Creek		22,235	19,587	397.6 ¹	599	93
Big Bartons Creek		23,000	19,587	397.6 ¹	294	341
Big Bartons Creek		23,500	19,587	397.6 ¹	583	201
Big Bartons Creek		24,000	19,587	397.6 ¹	622	47
Big Bartons Creek		24,500	19,587	397.6 ¹	477	41
Big Bartons Creek		24,866	19,587	397.6 ¹	450	39
Big Bartons Creek	C	25,212	19,587	397.6 ¹	490	47
Big Bartons Creek		25,485	14,930	397.6	677	43
Big Bartons Creek		25,735	14,930	397.7	597	43
Big Bartons Creek		26,534	14,930	398.2	43	430
Big Bartons Creek		26,927	14,930	398.7	35	654
Big Bartons Creek		27,465	14,930	399.1	43	564
Big Bartons Creek		28,063	14,930	399.6	43	615
Big Bartons Creek	D	28,500	14,930	400.0	36	803
Big Bartons Creek		29,061	14,930	400.4	43	699
Big Bartons Creek		29,500	14,930	400.8	43	596
Big Bartons Creek		29,976	14,930	401.5	39	489
Big Bartons Creek		30,348	14,704	402.1	36	312
Big Bartons Creek		30,715	14,704	402.8	193	64
Big Bartons Creek		31,064	14,704	404.5	408	42
Big Bartons Creek	E	31,500	14,704	405.0	520	42
Big Bartons Creek		32,000	14,704	405.4	367	42
Big Bartons Creek		32,500	14,704	406.3	155	144
Big Bartons Creek		32,939	14,704	407.1	117	126

¹ Elevation shown with consideration of backwater effects

Table 24: Flood Hazard and Non-Encroachment Data for Selected Streams continued

Flooding Source	Cross Section	Stream Station (feet above mouth)	1% Annual Chance Flood Discharge (cfs)	1% Annual Chance Water Surface Elevation (feet NAVD88)	Non-Encroachment Width (feet)	
					Left	Right
Big Bartons Creek		33,482	14,704	408.2	119	83
Big Bartons Creek		34,000	14,704	409.8	399	41
Big Bartons Creek	F	34,500	14,704	410.4	458	107
Big Bartons Creek		35,000	14,704	410.8	222	263
Big Bartons Creek		35,526	14,704	411.4	64	458
Big Bartons Creek		36,000	14,704	411.9	152	528
Big Bartons Creek		36,392	14,704	412.2	457	197
Big Bartons Creek		36,923	14,704	412.9	235	165
Big Bartons Creek		37,287	14,704	413.4	297	72
Big Bartons Creek	G	37,642	14,704	414.2	459	42
Big Bartons Creek		38,291	14,704	415.5	52	459
Big Bartons Creek		38,843	14,704	416.3	42	587
Big Bartons Creek		39,360	14,704	417.0	50	661
Big Bartons Creek		39,795	14,704	417.5	37	713
Big Bartons Creek		40,594	14,704	418.4	693	84
Big Bartons Creek	H	41,000	14,704	418.8	628	42
Big Bartons Creek		41,454	14,704	419.5	577	42
Big Bartons Creek		42,086	14,704	420.7	400	78
Big Bartons Creek	I	42,500	14,704	421.5	384	42
Big Bartons Creek		43,000	14,492	422.6	434	42
Big Bartons Creek		43,456	14,492	423.5	554	42
Big Bartons Creek		44,157	14,492	424.5	668	32
Big Bartons Creek	J	44,850	14,492	425.4	282	42
Big Bartons Creek		45,171	14,492	426.4	347	33
Big Bartons Creek		45,500	14,492	426.8	287	42
Big Bartons Creek		46,000	14,492	427.9	235	42
Big Bartons Creek	K	46,500	14,492	429.5	485	42
Big Bartons Creek		47,000	14,492	430.1	963	36
Big Bartons Creek		47,421	14,492	430.4	1,127	33
Big Bartons Creek		47,719	14,492	430.5	578	54
Big Bartons Creek	L	48,007	14,492	430.9	501	74
Big Bartons Creek		48,181	14,492	431.2	508	137

Table 24: Flood Hazard and Non-Encroachment Data for Selected Streams continued

Flooding Source	Cross Section	Stream Station (feet above mouth)	1% Annual Chance Flood Discharge (cfs)	1% Annual Chance Water Surface Elevation (feet NAVD88)	Non-Encroachment Width (feet)	
					Left	Right
Big Bartons Creek		48,357	14,492	431.5	351	209
Big Bartons Creek		48,576	13,453	431.8	213	46
Big Bartons Creek		49,000	13,453	433.3	169	41
Big Bartons Creek		49,419	13,453	434.8	178	41
Big Bartons Creek	M	49,891	13,453	436.2	71	134
Big Bartons Creek		50,163	13,453	437.6	255	104
Big Bartons Creek		50,575	13,453	437.9	546	51
Big Bartons Creek		50,984	13,453	438.0	445	45
Big Bartons Creek		51,335	13,453	438.4	287	58
Big Bartons Creek		51,582	13,453	438.8	130	92
Big Bartons Creek		51,720	13,453	439.7	103	139
Big Bartons Creek		51,769	13,453	440.1	98	143
Big Bartons Creek		51,822	13,453	440.1	98	143
Big Bartons Creek	N	51,967	13,453	440.3	43	163
Big McAdoo Creek		1,438	8,493	394.6 ¹	39	474
Big McAdoo Creek		1,675	8,493	394.6 ¹	31	467
Big McAdoo Creek		2,000	8,493	394.6 ¹	138	461
Big McAdoo Creek		2,447	8,493	394.6 ¹	99	359
Big McAdoo Creek		2,882	8,493	394.6 ¹	159	297
Big McAdoo Creek		3,925	8,493	394.6 ¹	749	31
Big McAdoo Creek		5,000	8,071	394.6 ¹	336	30
Big McAdoo Creek		7,311	8,071	394.6 ¹	30	482
Big McAdoo Creek		8,190	8,071	394.6 ¹	300	33
Big McAdoo Creek		8,585	8,071	394.6 ¹	231	67
Big McAdoo Creek		8,942	8,071	394.6 ¹	238	30
Big McAdoo Creek		9,610	8,071	394.6 ¹	103	249
Big McAdoo Creek		10,113	8,071	394.6 ¹	134	235
Big McAdoo Creek		10,529	8,071	394.6 ¹	249	30
Big McAdoo Creek		11,054	8,071	394.6 ¹	33	150
Big McAdoo Creek		11,548	8,071	394.6 ¹	30	264
Big McAdoo Creek		12,000	8,071	394.6 ¹	30	322

¹ Elevation shown with consideration of backwater effects

Table 24: Flood Hazard and Non-Encroachment Data for Selected Streams continued

Flooding Source	Cross Section	Stream Station (feet above mouth)	1% Annual Chance Flood Discharge (cfs)	1% Annual Chance Water Surface Elevation (feet NAVD88)	Non-Encroachment Width (feet)	
					Left	Right
Big McAdoo Creek		13,008	8,071	394.6 ¹	209	30
Big McAdoo Creek		13,500	8,071	394.6 ¹	192	30
Big McAdoo Creek		14,046	8,071	394.6 ¹	30	378
Big McAdoo Creek		14,500	8,071	394.6 ¹	30	270
Big McAdoo Creek		15,000	8,071	394.6 ¹	184	57
Big McAdoo Creek		15,500	8,071	394.6 ¹	186	77
Big McAdoo Creek		16,018	8,071	394.6 ¹	93	160
Big McAdoo Creek		16,394	8,071	394.6 ¹	30	188
Big McAdoo Creek		16,704	8,071	394.6 ¹	30	158
Big McAdoo Creek		17,317	8,071	394.6 ¹	30	194
Big McAdoo Creek		18,070	8,071	394.6 ¹	387	30
Big McAdoo Creek		18,512	8,071	394.6 ¹	359	30
Big McAdoo Creek		18,944	8,071	394.6 ¹	93	73
Big McAdoo Creek		19,500	7,877	394.6 ¹	106	30
Big McAdoo Creek		20,020	7,877	394.6 ¹	224	30
Big McAdoo Creek		20,500	7,877	394.6 ¹	260	30
Big McAdoo Creek		21,108	7,877	394.6 ¹	43	102
Big McAdoo Creek		21,500	7,877	394.6 ¹	30	135
Big McAdoo Creek		22,022	7,877	395.1	75	220
Big McAdoo Creek	A	22,426	7,877	395.3	234	30
Big McAdoo Creek		23,000	7,877	396.5	220	30
Big McAdoo Creek		23,500	7,588	397.0	29	112
Big McAdoo Creek	B	24,000	7,588	398.5	29	260
Big McAdoo Creek		24,500	7,588	399.1	29	290
Big McAdoo Creek		25,000	7,588	400.0	386	29
Big McAdoo Creek	C	25,568	7,588	400.5	503	38
Big McAdoo Creek		26,000	7,588	400.8	580	29
Big McAdoo Creek		26,446	7,588	401.1	499	36
Big McAdoo Creek		26,663	7,588	401.2	95	56
Big McAdoo Creek		26,708	7,588	402.0	95	96
Big McAdoo Creek		26,760	7,588	402.0	95	96

¹ Elevation shown with consideration of backwater effects

Table 24: Flood Hazard and Non-Encroachment Data for Selected Streams continued

Flooding Source	Cross Section	Stream Station (feet above mouth)	1% Annual Chance Flood Discharge (cfs)	1% Annual Chance Water Surface Elevation (feet NAVD88)	Non-Encroachment Width (feet)	
					Left	Right
Big McAdoo Creek		26,844	7,588	402.0	50	70
Big McAdoo Creek	D	27,137	7,588	403.6	23	231
Big McAdoo Creek		27,460	7,476	404.3	25	235
Big McAdoo Creek		27,908	7,476	405.2	27	233
Big McAdoo Creek	E	28,500	7,476	406.0	219	172
Big McAdoo Creek		29,085	7,476	406.5	314	155
Big McAdoo Creek		29,520	7,476	406.7	57	138
Big McAdoo Creek	F	30,081	7,250	408.0	27	117
Big McAdoo Creek		30,467	7,250	408.6	28	147
Big McAdoo Creek		31,000	7,250	410.2	34	349
Big McAdoo Creek	G	31,532	7,250	410.9	34	482
Big McAdoo Creek		31,904	4,602	411.6	32	583
Big McAdoo Creek		32,381	4,602	412.1	22	324
Big McAdoo Creek		32,659	4,602	412.9	22	89
Big McAdoo Creek	H	33,253	4,602	415.9	138	22
Big McAdoo Creek		33,671	4,602	417.2	140	22
Big McAdoo Creek		34,000	4,602	418.2	258	22
Big McAdoo Creek		34,500	4,602	419.0	163	98
Big McAdoo Creek	I	34,862	4,602	420.1	119	152
Big McAdoo Creek		35,100	4,602	420.3	20	158
Big McAdoo Creek		35,321	4,602	421.5	108	23
Big McAdoo Creek		35,424	4,602	422.8	46	78
Big McAdoo Creek		35,458	4,602	423.3	74	85
Big McAdoo Creek		35,492	4,602	423.3	74	85
Big McAdoo Creek		35,548	4,602	423.4	88	58
Big McAdoo Creek		35,637	4,602	423.7	61	90
Big McAdoo Creek		36,000	4,602	424.3	24	88
Big McAdoo Creek	J	36,500	4,413	426.6	21	133
Big McAdoo Creek		37,000	4,413	427.9	66	89
Big McAdoo Creek		37,500	4,413	429.3	155	21
Big McAdoo Creek	K	38,000	4,413	430.6	21	107
Big McAdoo Creek		38,500	4,413	432.2	21	93

Table 24: Flood Hazard and Non-Encroachment Data for Selected Streams continued

Flooding Source	Cross Section	Stream Station (feet above mouth)	1% Annual Chance Flood Discharge (cfs)	1% Annual Chance Water Surface Elevation (feet NAVD88)	Non-Encroachment Width (feet)	
					Left	Right
Big McAdoo Creek		39,000	4,413	433.8	21	178
Big McAdoo Creek	L	39,458	4,413	434.7	22	96
Big McAdoo Creek		39,942	4,413	437.3	21	225
Big McAdoo Creek		40,265	4,413	437.7	29	156
Big McAdoo Creek		40,906	4,027	439.0	65	101
Big McAdoo Creek		41,018	4,027	439.9	65	71
Big McAdoo Creek		41,092	4,027	439.9	65	71
Big McAdoo Creek	M	41,257	4,027	440.2	28	27
Big McAdoo Creek		41,579	4,027	441.8	109	24
Big McAdoo Creek		41,882	4,027	444.0	46	20
Big McAdoo Creek		42,242	4,027	445.5	128	20
Big McAdoo Creek		42,579	3,737	447.0	29	26
Big McAdoo Creek	N	42,985	3,737	449.3	25	25
Big McAdoo Creek		43,500	3,737	452.3	20	85
Big McAdoo Creek		44,000	3,737	453.4	20	42
Big McAdoo Creek	O	44,449	3,737	456.1	20	127
Big McAdoo Creek		45,000	3,367	457.3	19	80
Big McAdoo Creek		45,315	3,367	458.4	19	120
Big McAdoo Creek		45,778	3,367	459.7	32	185
Big McAdoo Creek	P	46,056	3,367	460.7	24	124
Big McAdoo Creek		46,564	3,367	462.8	154	19
Big McAdoo Creek		47,000	3,367	465.3	195	19
Big McAdoo Creek	Q	47,446	3,367	467.8	145	19
Blooming Grove Creek		6,551	9,284	383.7 ¹	453	99
Blooming Grove Creek		7,065	9,284	383.7 ¹	562	54
Blooming Grove Creek	A	7,500	9,284	383.7 ¹	713	33
Blooming Grove Creek		8,109	9,284	383.7 ¹	678	33
Blooming Grove Creek		8,474	9,284	383.7 ¹	686	42
Blooming Grove Creek		8,840	9,284	383.7 ¹	282	221
Blooming Grove Creek		9,380	9,158	383.7 ¹	118	310
Blooming Grove Creek		9,913	9,158	383.7 ¹	33	422

¹ Elevation shown with consideration of backwater effects

Table 24: Flood Hazard and Non-Encroachment Data for Selected Streams continued

Flooding Source	Cross Section	Stream Station (feet above mouth)	1% Annual Chance Flood Discharge (cfs)	1% Annual Chance Water Surface Elevation (feet NAVD88)	Non-Encroachment Width (feet)	
					Left	Right
Blooming Grove Creek		10,385	9,158	383.7 ¹	296	116
Blooming Grove Creek		11,096	9,158	383.7 ¹	298	112
Blooming Grove Creek		11,626	8,934	383.7 ¹	366	67
Blooming Grove Creek		12,034	8,934	383.7 ¹	363	142
Blooming Grove Creek		12,365	8,934	383.7 ¹	269	322
Blooming Grove Creek		12,889	8,934	383.7 ¹	32	670
Blooming Grove Creek		13,484	8,934	383.7 ¹	204	572
Blooming Grove Creek		14,075	8,934	383.7 ¹	414	225
Blooming Grove Creek		14,317	8,934	383.7 ¹	228	85
Blooming Grove Creek		14,397	8,934	383.7 ¹	159	85
Blooming Grove Creek		14,493	8,934	383.7 ¹	159	85
Blooming Grove Creek	B	14,747	8,934	383.7 ¹	427	34
Blooming Grove Creek		15,089	8,934	383.7 ¹	601	34
Blooming Grove Creek		15,500	8,934	383.7 ¹	624	33
Blooming Grove Creek		15,911	8,934	383.7 ¹	574	32
Blooming Grove Creek		16,638	8,677	383.7 ¹	269	392
Blooming Grove Creek		16,906	8,677	383.7 ¹	290	368
Blooming Grove Creek		17,723	8,677	383.7 ¹	870	32
Blooming Grove Creek		18,175	8,677	383.7 ¹	694	32
Blooming Grove Creek		19,136	6,759	383.7 ¹	66	419
Blooming Grove Creek		19,502	6,759	383.7 ¹	27	424
Blooming Grove Creek		20,000	6,759	383.7 ¹	27	525
Blooming Grove Creek		20,595	6,759	383.7 ¹	27	516
Blooming Grove Creek		21,000	6,759	383.7 ¹	27	356
Blooming Grove Creek	C	21,467	6,759	383.7 ¹	27	398
Blooming Grove Creek		22,025	6,759	383.7 ¹	27	387
Blooming Grove Creek		22,574	6,437	383.7 ¹	26	387
Blooming Grove Creek		23,000	6,437	383.7 ¹	26	416
Blooming Grove Creek		23,413	6,437	383.7 ¹	124	218
Blooming Grove Creek		23,576	6,437	383.7 ¹	64	73
Blooming Grove Creek		23,620	6,437	383.7 ¹	85	101

¹ Elevation shown with consideration of backwater effects

Table 24: Flood Hazard and Non-Encroachment Data for Selected Streams continued

Flooding Source	Cross Section	Stream Station (feet above mouth)	1% Annual Chance Flood Discharge (cfs)	1% Annual Chance Water Surface Elevation (feet NAVD88)	Non-Encroachment Width (feet)	
					Left	Right
Blooming Grove Creek		23,689	6,437	383.7 ¹	85	101
Blooming Grove Creek		23,886	6,437	383.7 ¹	126	233
Blooming Grove Creek		24,415	6,437	383.7 ¹	310	26
Blooming Grove Creek		25,000	6,297	383.7 ¹	370	26
Blooming Grove Creek		25,500	6,297	383.7 ¹	417	26
Blooming Grove Creek		26,000	6,297	383.7 ¹	369	26
Blooming Grove Creek	D	26,500	6,297	384.0	349	26
Blooming Grove Creek		27,054	6,297	384.6	133	150
Blooming Grove Creek		27,217	6,297	384.7	72	153
Blooming Grove Creek		27,552	6,297	386.0	27	314
Blooming Grove Creek		27,586	6,297	389.2	27	314
Blooming Grove Creek		27,612	6,297	389.2	27	314
Blooming Grove Creek		27,812	6,297	389.2	26	459
Blooming Grove Creek		28,148	6,297	389.3	26	396
Blooming Grove Creek	E	28,421	6,297	389.5	26	269
Blooming Grove Creek		28,579	4,221	389.8	21	241
Blooming Grove Creek		28,916	4,221	390.0	21	147
Blooming Grove Creek		29,348	4,221	391.4	21	185
Blooming Grove Creek		29,973	4,221	392.7	21	187
Blooming Grove Creek	F	30,500	4,221	394.4	32	160
Blooming Grove Creek		30,880	4,221	395.7	30	36
Blooming Grove Creek		30,898	4,221	396.1	33	35
Blooming Grove Creek		30,909	4,221	396.1	33	35
Blooming Grove Creek		31,059	4,221	396.4	24	25
Blooming Grove Creek		31,360	4,221	399.4	21	163
Blooming Grove Creek		31,752	4,035	401.3	20	270
Blooming Grove Creek	G	32,463	4,035	403.1	302	20
Blooming Grove Creek		32,870	4,035	404.6	137	52
Blooming Grove Creek		33,394	3,910	406.8	20	136
Blooming Grove Creek		33,737	3,910	407.9	20	186
Blooming Grove Creek		33,962	3,910	408.7	30	176

¹ Elevation shown with consideration of backwater effects

Table 24: Flood Hazard and Non-Encroachment Data for Selected Streams continued

Flooding Source	Cross Section	Stream Station (feet above mouth)	1% Annual Chance Flood Discharge (cfs)	1% Annual Chance Water Surface Elevation (feet NAVD88)	Non-Encroachment Width (feet)	
					Left	Right
Blooming Grove Creek		34,093	3,910	408.9	38	116
Blooming Grove Creek		34,109	3,910	409.1	38	116
Blooming Grove Creek		34,123	3,910	409.1	38	116
Blooming Grove Creek		34,156	3,910	409.4	28	172
Blooming Grove Creek		34,180	3,910	409.4	28	198
Blooming Grove Creek		34,195	3,910	409.5	28	198
Blooming Grove Creek		34,209	3,910	409.5	28	198
Blooming Grove Creek		34,299	3,910	409.7	21	228
Blooming Grove Creek	H	34,554	3,910	410.2	21	276
Blooming Grove Creek		34,857	3,910	411.2	74	163
Blooming Grove Creek		35,092	3,910	412.2	103	106
Blooming Grove Creek		35,211	3,910	412.8	130	109
Blooming Grove Creek		35,226	3,910	415.0	130	109
Blooming Grove Creek		35,245	3,910	415.0	130	109
Blooming Grove Creek		35,373	3,910	415.1	247	63
Blooming Grove Creek		35,710	2,577	415.6	94	86
Blooming Grove Creek		35,984	2,577	416.2	51	46
Blooming Grove Creek		36,274	2,577	417.5	48	31
Blooming Grove Creek	I	36,477	2,577	418.4	21	32
Blooming Grove Creek		36,585	2,577	419.1	20	22
Blooming Grove Creek		36,602	2,577	419.8	20	22
Blooming Grove Creek		36,618	2,577	419.8	20	22
Blooming Grove Creek		36,715	2,577	420.0	19	14
Blooming Grove Creek		36,944	2,483	422.0	15	21
Blooming Grove Creek		37,203	2,483	423.9	17	68
Blooming Grove Creek		37,474	2,483	425.0	17	94
Blooming Grove Creek		37,907	2,483	426.9	17	89
Blooming Grove Creek		38,463	2,265	430.3	16	151
Blooming Grove Creek		38,928	2,265	432.8	16	93
Blooming Grove Creek	J	39,207	2,265	434.7	16	138
Bryant Branch		27	2,238	474.8 ¹	61	36
Bryant Branch		137	2,238	475.0	64	78

¹ Elevation shown with consideration of backwater effects

Table 24: Flood Hazard and Non-Encroachment Data for Selected Streams continued

Flooding Source	Cross Section	Stream Station (feet above mouth)	1% Annual Chance Flood Discharge (cfs)	1% Annual Chance Water Surface Elevation (feet NAVD88)	Non-Encroachment Width (feet)	
					Left	Right
Bryant Branch		237	2,238	476.0	17	143
Bryant Branch		352	2,238	476.8	17	150
Bryant Branch		405	2,238	476.9	24	123
Bryant Branch		430	2,238	477.8	27	145
Bryant Branch		452	2,238	477.8	27	145
Bryant Branch		515	2,238	478.0	17	195
Bryant Branch		691	2,238	479.0	17	212
Bryant Branch		913	2,238	480.4	16	234
Bryant Branch	A	1,186	2,238	482.1	16	313
Bryant Branch		1,472	2,238	483.8	16	361
Bryant Branch		1,879	2,238	485.9	16	268
Bryant Branch		2,183	2,238	488.2	16	163
Bryant Branch		2,396	2,238	490.0	16	150
Bryant Branch		2,569	2,129	491.3	22	29
Bryant Branch	B	2,762	2,129	493.6	18	89
Budds Creek		10,783	4,308	386.3 ¹	52	340
Budds Creek		11,129	4,308	386.3 ¹	21	382
Budds Creek		11,625	4,308	386.3 ¹	21	408
Budds Creek		12,105	4,308	386.3 ¹	21	255
Budds Creek		12,583	4,308	386.3 ¹	21	332
Budds Creek		13,000	4,308	386.3 ¹	21	301
Budds Creek		13,566	4,308	386.3 ¹	21	334
Budds Creek		13,940	4,308	386.3 ¹	21	301
Budds Creek		14,500	4,308	386.3 ¹	14	322
Budds Creek		15,000	4,308	386.3 ¹	14	441
Budds Creek		15,490	4,110	386.3 ¹	13	393
Budds Creek		15,944	4,110	386.3 ¹	13	343
Budds Creek		16,500	4,110	386.3 ¹	40	347
Budds Creek		17,000	4,110	386.3 ¹	40	212
Budds Creek		17,203	4,110	386.3 ¹	40	83
Budds Creek		17,288	4,110	388.0	41	135

¹ Elevation shown with consideration of backwater effects

Table 24: Flood Hazard and Non-Encroachment Data for Selected Streams continued

Flooding Source	Cross Section	Stream Station (feet above mouth)	1% Annual Chance Flood Discharge (cfs)	1% Annual Chance Water Surface Elevation (feet NAVD88)	Non-Encroachment Width (feet)	
					Left	Right
Budds Creek		17,331	4,110	388.0	41	135
Budds Creek		17,467	4,110	388.3	21	330
Budds Creek		17,972	4,110	388.5	20	382
Budds Creek	A	18,473	3,893	388.7	14	424
Budds Creek		19,044	3,893	389.6	20	286
Budds Creek		19,500	3,893	392.3	20	292
Budds Creek	B	19,918	3,893	393.5	20	330
Budds Creek		20,594	3,803	396.0	20	191
Budds Creek		20,948	3,803	397.5	93	35
Budds Creek	C	21,363	3,803	399.5	20	203
Budds Creek		22,000	3,803	401.2	28	240
Budds Creek		22,445	2,242	402.9	137	16
Budds Creek	D	23,000	2,242	407.2	109	24
Budds Creek		23,539	2,242	410.6	61	36
Budds Creek		24,031	2,242	413.9	31	32
Budds Creek		24,062	2,242	416.8	43	53
Budds Creek		24,097	2,242	416.8	43	53
Budds Creek		24,247	2,242	416.8	16	190
Budds Creek	E	24,500	2,242	417.1	13	197
Budds Creek		24,941	2,242	419.4	29	119
Budds Creek		25,500	2,242	422.7	16	70
Budds Creek	F	25,965	2,242	426.1	30	84
Budds Creek		26,500	2,003	429.0	15	72
Budds Creek		27,000	2,003	431.8	15	83
Budds Creek	G	27,472	2,003	435.1	36	19
Budds Creek		27,824	2,003	438.2	50	15
Budds Creek		28,329	2,003	442.2	125	15
Budds Creek		28,792	1,893	445.1	15	25
Budds Creek	H	29,131	1,893	449.1	56	15
Budds Creek		29,438	1,893	451.4	15	50
Budds Creek		29,815	1,893	453.9	41	15
Budds Creek		30,033	1,893	455.8	15	15

Table 24: Flood Hazard and Non-Encroachment Data for Selected Streams continued

Flooding Source	Cross Section	Stream Station (feet above mouth)	1% Annual Chance Flood Discharge (cfs)	1% Annual Chance Water Surface Elevation (feet NAVD88)	Non-Encroachment Width (feet)	
					Left	Right
Budds Creek	I	30,505	1,893	460.9	15	51
East Fork Yellow Creek		1,600	8,700	381.7 ¹	552	32
East Fork Yellow Creek		2,000	8,700	381.7 ¹	578	43
East Fork Yellow Creek		2,551	8,700	381.7 ¹	497	70
East Fork Yellow Creek		3,058	8,700	381.7 ¹	596	32
East Fork Yellow Creek		3,815	8,700	381.7 ¹	387	126
East Fork Yellow Creek		4,252	8,700	381.7 ¹	407	32
East Fork Yellow Creek		4,678	8,700	381.7 ¹	259	147
East Fork Yellow Creek		4,977	8,700	381.7 ¹	281	32
East Fork Yellow Creek		5,256	8,700	381.7 ¹	322	32
East Fork Yellow Creek		6,347	8,700	381.7 ¹	32	498
East Fork Yellow Creek		6,614	8,700	381.7 ¹	32	509
East Fork Yellow Creek		7,000	8,700	381.7 ¹	32	468
East Fork Yellow Creek		7,500	8,700	381.7 ¹	32	364
East Fork Yellow Creek		7,948	8,700	381.7 ¹	43	432
East Fork Yellow Creek		8,842	8,700	381.7 ¹	514	32
East Fork Yellow Creek		9,228	8,700	381.7 ¹	492	32
East Fork Yellow Creek		9,568	8,700	381.7 ¹	493	32
East Fork Yellow Creek		9,937	8,596	381.7 ¹	409	29
East Fork Yellow Creek		11,003	8,596	381.7 ¹	28	653
East Fork Yellow Creek		11,249	8,596	381.7 ¹	31	493
East Fork Yellow Creek		11,500	8,596	381.7 ¹	31	344
East Fork Yellow Creek		12,000	8,596	381.7 ¹	31	258
East Fork Yellow Creek		12,500	8,596	381.7 ¹	25	364
East Fork Yellow Creek		13,000	8,596	381.7 ¹	31	467
East Fork Yellow Creek		13,500	8,596	381.7 ¹	29	540
East Fork Yellow Creek		14,000	8,596	381.7 ¹	27	399
East Fork Yellow Creek		14,441	8,596	381.7 ¹	31	323
East Fork Yellow Creek		15,000	8,405	381.7 ¹	31	379
East Fork Yellow Creek		15,500	8,405	381.7 ¹	26	540
East Fork Yellow Creek		16,000	8,405	381.7 ¹	31	531

¹ Elevation shown with consideration of backwater effects

Table 24: Flood Hazard and Non-Encroachment Data for Selected Streams continued

Flooding Source	Cross Section	Stream Station (feet above mouth)	1% Annual Chance Flood Discharge (cfs)	1% Annual Chance Water Surface Elevation (feet NAVD88)	Non-Encroachment Width (feet)	
					Left	Right
East Fork Yellow Creek	A	16,358	8,405	381.9	31	433
East Fork Yellow Creek		16,502	8,405	382.1	49	385
East Fork Yellow Creek		16,679	8,405	382.3	96	103
East Fork Yellow Creek		16,758	8,405	383.8	96	103
East Fork Yellow Creek		16,811	8,405	383.8	96	103
East Fork Yellow Creek		17,027	8,405	384.5	219	90
East Fork Yellow Creek	B	17,500	8,405	385.2	230	31
East Fork Yellow Creek		17,922	8,405	385.9	221	31
East Fork Yellow Creek		18,459	8,405	386.8	177	54
East Fork Yellow Creek	C	19,258	8,405	388.2	31	478
East Fork Yellow Creek		19,875	8,405	388.8	79	436
East Fork Yellow Creek		20,500	8,405	389.2	31	448
East Fork Yellow Creek	D	21,000	7,959	389.6	206	123
East Fork Yellow Creek		21,494	7,959	390.9	128	153
East Fork Yellow Creek		22,000	7,959	392.0	30	288
East Fork Yellow Creek	E	22,500	7,959	392.9	58	309
East Fork Yellow Creek		23,000	7,959	393.6	30	245
East Fork Yellow Creek		23,472	7,788	394.9	53	150
East Fork Yellow Creek	F	23,894	7,788	395.8	30	167
East Fork Yellow Creek		24,414	7,788	397.1	244	36
East Fork Yellow Creek		24,951	7,788	398.1	50	390
East Fork Yellow Creek	G	25,500	7,788	398.6	28	530
East Fork Yellow Creek		26,000	7,788	399.0	30	330
East Fork Yellow Creek		26,333	7,788	399.4	30	154
East Fork Yellow Creek		26,584	6,906	400.8	27	338
East Fork Yellow Creek	H	26,995	6,906	401.2	80	377
East Fork Yellow Creek		27,559	6,906	401.9	57	391
East Fork Yellow Creek		28,000	6,906	402.4	27	334
East Fork Yellow Creek	I	28,592	6,906	403.9	238	27
East Fork Yellow Creek		29,000	6,906	405.9	389	22
East Fork Yellow Creek		29,367	6,906	406.3	407	23
East Fork Yellow Creek		29,707	6,906	406.8	174	181

Table 24: Flood Hazard and Non-Encroachment Data for Selected Streams continued

Flooding Source	Cross Section	Stream Station (feet above mouth)	1% Annual Chance Flood Discharge (cfs)	1% Annual Chance Water Surface Elevation (feet NAVD88)	Non-Encroachment Width (feet)	
					Left	Right
East Fork Yellow Creek		29,977	6,906	407.0	27	228
East Fork Yellow Creek	J	30,305	6,760	407.9	27	247
East Fork Yellow Creek		30,892	6,760	409.3	27	383
East Fork Yellow Creek		31,179	6,760	409.7	35	398
East Fork Yellow Creek		31,456	6,760	410.1	27	437
East Fork Yellow Creek	K	31,939	6,760	411.1	27	512
East Fork Yellow Creek		32,500	6,760	412.2	27	361
East Fork Yellow Creek		33,000	6,760	413.1	35	274
East Fork Yellow Creek	L	33,500	6,760	414.9	49	233
East Fork Yellow Creek		34,000	6,760	416.5	27	279
East Fork Yellow Creek		34,500	6,760	417.7	30	300
East Fork Yellow Creek	M	34,965	6,760	418.4	55	79
East Fork Yellow Creek		35,671	6,584	420.9	35	563
East Fork Yellow Creek		35,965	6,584	421.1	27	444
East Fork Yellow Creek		36,143	6,584	421.5	28	418
East Fork Yellow Creek		36,217	6,584	422.3	34	375
East Fork Yellow Creek		36,239	6,584	423.8	31	379
East Fork Yellow Creek		36,261	6,584	423.8	31	379
East Fork Yellow Creek		36,358	6,584	424.0	27	371
East Fork Yellow Creek	N	36,563	6,584	424.1	27	240
East Fork Yellow Creek		37,000	6,584	425.0	27	215
East Fork Yellow Creek		37,391	6,584	426.0	27	229
East Fork Yellow Creek		37,852	6,584	427.1	30	202
East Fork Yellow Creek		38,203	6,584	428.1	30	201
East Fork Yellow Creek	O	38,500	6,584	429.2	30	178
East Fork Yellow Creek		39,000	6,394	430.4	46	164
East Fork Yellow Creek		39,500	6,394	431.7	30	139
East Fork Yellow Creek		39,936	6,394	432.9	30	131
East Fork Yellow Creek		40,272	6,394	434.2	30	107
East Fork Yellow Creek	P	40,489	6,394	434.4	117	107
Half Pone Creek	A	40,423	5,745	454.3	199	29
Half Pone Creek		40,685	5,745	454.9	162	34

Table 24: Flood Hazard and Non-Encroachment Data for Selected Streams continued

Flooding Source	Cross Section	Stream Station (feet above mouth)	1% Annual Chance Flood Discharge (cfs)	1% Annual Chance Water Surface Elevation (feet NAVD88)	Non-Encroachment Width (feet)	
					Left	Right
Half Pone Creek		41,110	5,745	456.2	24	137
Half Pone Creek		41,569	5,745	458.1	24	116
Half Pone Creek	B	48,500	4,958	479.1	40	119
Half Pone Creek		49,000	4,958	480.3	22	198
Half Pone Creek	C	49,404	4,958	481.6	22	267
Half Pone Creek		49,850	4,958	482.6	22	109
Half Pone Creek	D	50,367	4,958	484.8	22	168
Half Pone Creek		51,018	4,958	486.9	22	99
Half Pone Creek	E	51,535	4,958	489.0	22	113
Half Pone Creek		52,047	4,958	490.5	22	130
Half Pone Creek		52,530	4,958	492.2	22	196
Half Pone Creek		53,000	4,958	493.2	22	157
Half Pone Creek	F	53,532	4,258	494.8	194	23
Half Pone Creek		53,975	4,258	495.6	156	43
Half Pone Creek		54,315	4,258	496.2	65	22
Indian Creek		157	2,404	481.1 ¹	46	17
Indian Creek		500	2,404	481.1 ¹	17	104
Indian Creek		993	2,404	484.4	17	184
Indian Creek	A	1,474	2,404	486.9	88	17
Indian Creek		2,092	2,404	490.8	103	25
Indian Creek		2,237	2,404	491.3	34	25
Indian Creek		2,268	2,404	491.8	34	25
Indian Creek		2,309	2,404	491.8	34	25
Indian Creek		2,376	2,404	491.8	26	20
Indian Creek		2,656	2,404	495.2	22	22
Indian Creek	B	3,094	2,207	499.2	44	18
Indian Creek		3,500	2,207	501.6	32	21
Indian Creek		4,008	2,207	504.1	21	16
Indian Creek	C	4,500	2,207	508.1	19	16
Indian Creek		5,000	2,207	512.3	61	16
Indian Creek	D	5,455	2,207	514.9	27	16

¹ Elevation shown with consideration of backwater effects

Table 24: Flood Hazard and Non-Encroachment Data for Selected Streams continued

Flooding Source	Cross Section	Stream Station (feet above mouth)	1% Annual Chance Flood Discharge (cfs)	1% Annual Chance Water Surface Elevation (feet NAVD88)	Non-Encroachment Width (feet)	
					Left	Right
Little Bartons Creek		327	8,657	397.6 ¹	32	409
Little Bartons Creek		571	8,657	397.6 ¹	32	324
Little Bartons Creek		1,000	8,657	397.6 ¹	32	409
Little Bartons Creek		1,500	8,657	397.6 ¹	46	414
Little Bartons Creek		1,945	8,657	397.6 ¹	32	379
Little Bartons Creek	A	2,391	8,657	397.9	32	296
Little Bartons Creek		3,000	8,657	399.3	160	106
Little Bartons Creek		3,524	8,657	400.8	290	60
Little Bartons Creek		4,000	8,657	402.0	334	32
Little Bartons Creek	B	4,437	8,657	403.3	220	100
Little Bartons Creek		4,581	8,657	403.4	74	73
Little Bartons Creek		4,631	8,657	403.8	74	73
Little Bartons Creek		4,688	8,657	403.8	74	73
Little Bartons Creek		4,791	8,657	404.0	108	47
Little Bartons Creek		5,000	8,657	404.2	51	32
Little Bartons Creek		5,500	8,657	405.8	49	36
Little Bartons Creek	C	6,000	8,657	407.6	74	32
Little Bartons Creek		6,378	8,657	408.8	156	47
Little Bartons Creek		7,000	8,458	409.7	31	219
Little Bartons Creek	D	7,500	8,458	410.4	297	72
Little Bartons Creek		7,924	8,458	411.2	348	45
Little Bartons Creek		8,500	8,458	412.2	287	31
Little Bartons Creek	E	8,821	8,458	412.6	199	30
Little Bartons Creek		9,500	8,458	413.8	114	43
Little Bartons Creek		10,000	8,458	415.2	198	37
Little Bartons Creek	F	10,534	8,259	416.5	77	31
Little Bartons Creek		10,958	8,259	418.5	84	31
Little Bartons Creek		11,500	8,259	420.1	69	74
Little Bartons Creek	G	12,000	8,259	421.3	36	85
Little Bartons Creek		12,500	8,259	423.1	66	43
Little Bartons Creek		12,971	8,259	424.1	122	31

¹ Elevation shown with consideration of backwater effects

Table 24: Flood Hazard and Non-Encroachment Data for Selected Streams continued

Flooding Source	Cross Section	Stream Station (feet above mouth)	1% Annual Chance Flood Discharge (cfs)	1% Annual Chance Water Surface Elevation (feet NAVD88)	Non-Encroachment Width (feet)	
					Left	Right
Little Bartons Creek	H	13,500	8,259	425.7	36	219
Little Bartons Creek		14,000	8,259	426.9	116	122
Little Bartons Creek		14,500	8,259	427.7	31	122
Little Bartons Creek	I	15,000	8,067	428.6	58	21
Little Bartons Creek		15,500	8,067	430.2	40	30
Little Bartons Creek		15,906	8,067	432.1	98	30
Little Bartons Creek		16,202	8,067	432.7	209	30
Little Bartons Creek	J	16,504	8,067	433.6	138	59
Little Bartons Creek		16,958	8,067	434.4	30	60
Little Bartons Creek		17,326	8,067	435.9	30	114
Little Bartons Creek		17,585	8,067	436.8	30	237
Little Bartons Creek	K	18,085	8,067	437.4	174	30
Little Bartons Creek		18,500	8,067	438.0	82	165
Little Bartons Creek		18,956	8,067	438.9	30	242
Little Bartons Creek	L	19,500	7,882	440.0	125	30
Little Bartons Creek		19,894	7,882	441.3	202	30
Little Bartons Creek		20,151	7,882	441.8	177	31
Little Bartons Creek		20,288	7,882	442.0	49	48
Little Bartons Creek		20,329	7,882	443.0	49	48
Little Bartons Creek		20,375	7,882	443.0	49	48
Little Bartons Creek	M	20,828	7,882	443.8	46	295
Little Bartons Creek		21,174	7,882	444.1	30	244
Little Bartons Creek		21,500	7,882	444.8	30	177
Little Bartons Creek		21,794	7,882	445.5	30	178
Little Bartons Creek		22,072	7,882	446.6	147	30
Little Bartons Creek	N	22,433	7,565	447.2	206	29
Little Bartons Creek		22,952	7,565	448.9	115	65
Little Bartons Creek		23,409	7,565	450.4	281	147
Little Bartons Creek	O	23,722	7,565	452.1	169	268
Little Bartons Creek		24,385	7,565	454.2	369	29
Little Bartons Creek	P	25,303	7,565	456.9	29	571
Little Bartons Creek		25,500	7,565	457.1	29	534

Table 24: Flood Hazard and Non-Encroachment Data for Selected Streams continued

Flooding Source	Cross Section	Stream Station (feet above mouth)	1% Annual Chance Flood Discharge (cfs)	1% Annual Chance Water Surface Elevation (feet NAVD88)	Non-Encroachment Width (feet)	
					Left	Right
Little Bartons Creek		26,003	7,565	458.2	57	280
Little Bartons Creek		26,397	7,565	459.0	165	49
Little Bartons Creek	Q	26,939	7,211	462.6	167	68
Little Bartons Creek		27,410	7,211	463.7	28	143
Little Bartons Creek		27,880	7,211	464.9	28	141
Little Bartons Creek	R	28,500	7,211	466.7	28	188
Little Bartons Creek		29,000	7,211	468.1	28	167
Little Bartons Creek		29,500	7,211	470.6	31	148
Little Bartons Creek	S	30,000	7,211	472.3	130	28
Little Bartons Creek		30,446	6,871	474.3	37	174
Little Bartons Creek		30,977	6,871	475.3	27	297
Little Bartons Creek	T	31,396	6,871	475.9	137	57
Little Bartons Creek		31,742	6,871	477.5	68	151
Little Bartons Creek		31,861	6,871	477.5	41	73
Little Bartons Creek		31,908	6,871	478.0	45	73
Little Bartons Creek		31,956	6,871	478.0	45	73
Little Bartons Creek		32,166	6,871	478.7	52	382
Little Bartons Creek		32,748	6,871	479.2	227	97
Little Bartons Creek	U	32,996	6,871	479.5	218	60
Little Bartons Creek		33,259	5,678	480.3	119	24
Little Bartons Creek		33,578	5,678	482.1	184	24
Little Bartons Creek	V	34,050	5,678	483.8	55	127
Little Bartons Creek		34,489	5,678	485.3	24	110
Little McAdoo Creek		58	4,239	411.2 ¹	201	29
Little McAdoo Creek		525	4,239	412.5	66	51
Little McAdoo Creek		921	4,239	413.4	26	190
Little McAdoo Creek	A	1,278	4,239	414.6	25	218
Little McAdoo Creek		1,427	4,239	414.8	35	105
Little McAdoo Creek		1,472	4,239	415.9	39	86
Little McAdoo Creek		1,502	4,239	415.9	39	86
Little McAdoo Creek		1,631	4,239	416.7	25	226

¹ Elevation shown with consideration of backwater effects

Table 24: Flood Hazard and Non-Encroachment Data for Selected Streams continued

Flooding Source	Cross Section	Stream Station (feet above mouth)	1% Annual Chance Flood Discharge (cfs)	1% Annual Chance Water Surface Elevation (feet NAVD88)	Non-Encroachment Width (feet)	
					Left	Right
Little McAdoo Creek		2,041	4,239	417.6	28	194
Little McAdoo Creek		2,512	4,239	418.3	25	108
Little McAdoo Creek	B	2,957	4,239	419.7	30	198
Little McAdoo Creek		3,500	4,111	420.8	20	117
Little McAdoo Creek		3,898	4,111	423.1	20	250
Little McAdoo Creek		4,172	4,111	423.8	44	263
Little McAdoo Creek	C	4,576	3,809	424.3	29	20
Little McAdoo Creek		5,175	3,809	427.7	20	35
Little McAdoo Creek		5,590	3,809	429.3	23	151
Little McAdoo Creek	D	6,000	3,809	430.2	35	20
Little McAdoo Creek		6,403	3,809	432.8	26	67
Little McAdoo Creek		6,943	3,708	434.4	28	28
Little McAdoo Creek	E	7,440	3,708	437.5	25	112
Little McAdoo Creek		7,910	3,708	439.2	27	89
Little McAdoo Creek		8,150	3,708	440.0	35	35
Little McAdoo Creek		8,233	3,708	443.0	30	44
Little McAdoo Creek		8,288	3,708	443.0	30	44
Little McAdoo Creek		8,478	3,708	444.1	57	124
Little McAdoo Creek	F	8,959	3,708	445.2	25	132
Little McAdoo Creek		9,513	3,708	446.7	20	144
Little McAdoo Creek		10,013	3,322	448.6	19	79
Little McAdoo Creek	G	10,480	3,322	450.4	21	96
Little McAdoo Creek		11,000	3,322	452.2	19	103
Little McAdoo Creek		11,411	3,322	453.4	19	146
Little McAdoo Creek	H	11,806	3,322	454.9	19	91
Little McAdoo Creek		12,162	3,322	456.9	19	111
Little McAdoo Creek		12,602	3,322	458.2	19	181
Little McAdoo Creek		13,000	3,131	459.0	18	81
Little McAdoo Creek	I	13,426	3,131	461.3	18	77
Louise Creek		143	6,192	397.6 ¹	86	21
Louise Creek		521	6,192	397.6 ¹	255	25

¹ Elevation shown with consideration of backwater effects

Table 24: Flood Hazard and Non-Encroachment Data for Selected Streams continued

Flooding Source	Cross Section	Stream Station (feet above mouth)	1% Annual Chance Flood Discharge (cfs)	1% Annual Chance Water Surface Elevation (feet NAVD88)	Non-Encroachment Width (feet)	
					Left	Right
Louise Creek		944	6,192	397.6 ¹	176	25
Louise Creek		1,379	6,192	397.6 ¹	173	25
Louise Creek	A	1,786	6,032	397.6 ¹	213	25
Louise Creek		2,169	6,032	397.6 ¹	87	138
Louise Creek		2,578	6,032	397.6 ¹	27	302
Louise Creek		2,855	6,032	397.6 ¹	25	319
Louise Creek		3,128	6,032	397.6 ¹	285	96
Louise Creek		3,483	6,032	397.6 ¹	468	26
Louise Creek		4,000	6,032	397.6 ¹	429	25
Louise Creek		4,500	6,032	397.6 ¹	332	25
Louise Creek		5,000	6,032	397.6 ¹	25	228
Louise Creek		5,512	6,032	397.6 ¹	25	362
Louise Creek		6,000	6,032	397.6 ¹	25	298
Louise Creek		6,436	6,032	397.6 ¹	134	197
Louise Creek		6,703	6,032	397.6 ¹	214	25
Louise Creek	B	7,000	6,032	398.0	245	25
Louise Creek		7,294	6,032	398.8	105	25
Louise Creek		7,773	6,032	400.0	80	25
Louise Creek	C	8,190	5,889	401.5	25	174
Louise Creek		8,604	5,889	402.9	112	149
Louise Creek		8,926	5,889	403.6	68	30
Louise Creek		9,228	5,889	404.9	106	28
Louise Creek		9,398	5,889	405.9	101	30
Louise Creek		9,596	5,889	406.4	55	44
Louise Creek		9,631	5,889	407.3	55	44
Louise Creek		9,669	5,889	407.3	55	44
Louise Creek	D	9,752	5,889	407.5	35	71
Louise Creek		10,048	5,889	408.2	30	84
Louise Creek		10,341	5,889	408.6	24	25
Louise Creek		10,659	5,592	411.2	23	44
Louise Creek		11,124	5,592	413.1	134	24

¹ Elevation shown with consideration of backwater effects

Table 24: Flood Hazard and Non-Encroachment Data for Selected Streams continued

Flooding Source	Cross Section	Stream Station (feet above mouth)	1% Annual Chance Flood Discharge (cfs)	1% Annual Chance Water Surface Elevation (feet NAVD88)	Non-Encroachment Width (feet)	
					Left	Right
Louise Creek	E	11,428	5,592	413.9	155	56
Louise Creek		11,749	5,592	414.7	140	39
Louise Creek		12,144	5,592	415.6	24	47
Louise Creek		12,514	5,592	418.1	107	24
Louise Creek	F	12,920	5,592	419.4	73	25
Louise Creek		13,157	5,592	420.7	108	25
Louise Creek		13,500	5,592	421.3	120	24
Louise Creek		13,840	5,592	422.4	42	24
Louise Creek		14,244	5,592	423.7	40	24
Louise Creek	G	14,556	5,592	425.2	37	24
Louise Creek		14,856	5,378	427.4	145	23
Louise Creek		15,106	5,378	428.1	168	23
Louise Creek		15,500	5,378	429.2	90	48
Louise Creek		15,777	5,378	430.1	39	35
Louise Creek		15,894	5,378	430.3	47	38
Louise Creek		15,926	5,378	431.9	47	47
Louise Creek		15,954	5,378	431.9	47	47
Louise Creek		16,014	5,378	432.3	116	35
Louise Creek	H	16,190	5,378	432.4	113	23
Louise Creek		16,435	5,378	433.6	134	23
Louise Creek		16,711	5,378	434.5	69	33
Louise Creek		16,918	5,378	436.2	135	23
Louise Creek		17,183	5,378	437.4	228	23
Louise Creek		17,540	5,197	439.0	193	23
Louise Creek	I	17,732	5,197	439.7	126	25
Louise Creek		18,079	5,197	442.6	37	123
Louise Creek		18,552	5,197	444.7	78	23
Louise Creek		19,000	5,197	447.0	23	42
Louise Creek	J	19,500	5,197	450.3	163	23
Louise Creek		19,822	5,197	450.9	122	23
Louise Creek		20,073	5,197	451.8	46	24
Louise Creek		20,500	4,838	453.7	22	281

Table 24: Flood Hazard and Non-Encroachment Data for Selected Streams continued

Flooding Source	Cross Section	Stream Station (feet above mouth)	1% Annual Chance Flood Discharge (cfs)	1% Annual Chance Water Surface Elevation (feet NAVD88)	Non-Encroachment Width (feet)	
					Left	Right
Louise Creek	K	21,000	4,838	455.3	150	29
Louise Creek		21,500	4,838	457.4	129	22
Louise Creek		21,808	4,838	458.5	116	36
Louise Creek		21,932	4,838	458.7	50	49
Louise Creek		21,975	4,838	459.9	50	49
Louise Creek		22,014	4,838	459.9	50	49
Louise Creek		22,115	4,838	460.5	69	30
Louise Creek	L	22,466	4,838	461.6	97	24
Louise Creek		22,717	4,838	462.8	132	22
Louise Creek		23,011	4,838	464.2	22	154
Louise Creek		23,182	4,838	464.9	22	185
Louise Creek		23,558	4,591	465.9	56	238
Louise Creek	M	24,000	4,591	467.5	22	210
Louise Creek		24,397	4,591	469.9	108	35
Louise Creek		24,542	4,591	470.9	130	71
Louise Creek		24,624	4,591	471.1	123	50
Louise Creek		24,645	4,591	471.1	123	50
Louise Creek		24,660	4,591	471.1	123	50
Louise Creek		24,728	4,591	471.2	132	27
Louise Creek		25,043	4,591	473.0	139	22
Louise Creek	N	25,500	4,591	476.2	116	22
Louise Creek		26,000	4,591	478.0	162	22
Louise Creek		26,500	4,591	479.7	36	22
Louise Creek	O	26,938	4,215	482.6	96	21
Louise Creek		27,500	4,215	484.4	38	62
Louise Creek		27,912	4,215	486.0	28	115
Louise Creek		28,187	4,215	486.4	35	119
Louise Creek		28,340	4,215	486.8	44	44
Louise Creek		28,376	4,215	488.9	44	44
Louise Creek		28,413	4,215	488.9	44	44
Louise Creek	P	28,480	4,215	489.2	45	101
Louise Creek		28,632	4,215	489.5	48	81

Table 24: Flood Hazard and Non-Encroachment Data for Selected Streams continued

Flooding Source	Cross Section	Stream Station (feet above mouth)	1% Annual Chance Flood Discharge (cfs)	1% Annual Chance Water Surface Elevation (feet NAVD88)	Non-Encroachment Width (feet)	
					Left	Right
Louise Creek		28,913	4,215	490.5	37	20
Louise Creek		29,401	3,701	493.8	41	20
Louise Creek		29,627	3,701	494.3	33	20
Louise Creek	Q	30,018	3,701	496.4	20	73
Louise Creek		30,500	3,701	499.3	50	26
Louise Creek		30,951	3,659	501.2	79	19
Louise Creek	R	31,500	3,659	503.7	50	108
Louise Creek		31,891	3,659	504.9	23	33
Louise Creek		32,423	3,213	508.0	47	20
Louise Creek		32,768	3,213	509.7	19	82
Louise Creek	S	33,048	3,213	510.8	24	107
Louise Creek		33,235	3,213	511.2	44	65
Louise Creek		33,275	3,213	512.7	65	65
Louise Creek		33,320	3,213	512.7	65	65
Louise Creek		33,597	3,213	513.7	112	44
Louise Creek		34,000	3,213	514.0	102	22
Louise Creek	T	34,456	3,213	516.9	33	19
Louise Creek		34,969	3,087	519.8	64	18
Louise Creek		35,500	3,087	522.3	67	18
Louise Creek		35,816	3,087	523.8	46	18
Louise Creek	U	36,076	2,759	525.0	30	18
Louise Creek		36,288	2,759	526.7	78	18
Louise Creek		36,433	2,759	527.3	70	30
Louise Creek		36,458	2,759	527.3	90	40
Louise Creek		36,475	2,759	527.3	90	40
Louise Creek		36,533	2,759	527.3	25	49
Louise Creek		36,761	2,759	529.6	18	95
Louise Creek		36,871	2,759	530.2	18	73
Louise Creek		37,259	2,646	531.8	17	182
Louise Creek	V	37,595	2,646	532.8	17	110
Louise Creek		37,981	2,646	535.3	17	87
Louise Creek		38,500	2,646	538.5	17	64

Table 24: Flood Hazard and Non-Encroachment Data for Selected Streams continued

Flooding Source	Cross Section	Stream Station (feet above mouth)	1% Annual Chance Flood Discharge (cfs)	1% Annual Chance Water Surface Elevation (feet NAVD88)	Non-Encroachment Width (feet)	
					Left	Right
Louise Creek	W	38,930	2,646	540.5	22	72
Louise Creek		39,500	2,646	544.0	17	131
Louise Creek		40,000	2,444	546.2	17	74
Louise Creek	X	40,394	2,444	549.1	17	23
Louise Creek		40,785	2,444	551.9	77	31
Louise Creek		40,898	2,444	552.3	53	22
Louise Creek		40,990	2,444	553.1	25	22
Louise Creek		41,021	2,444	557.5	25	30
Louise Creek		41,049	2,444	557.5	25	30
Louise Creek		41,105	2,444	557.8	74	186
Louise Creek		41,264	2,444	557.8	42	163
Louise Creek		41,548	2,444	558.4	98	88
Louise Creek	Y	41,880	2,050	559.4	16	80
Louise Creek		42,173	2,050	561.0	16	84
Louise Creek		42,469	2,050	562.1	16	44
Louise Creek		42,687	2,050	564.6	16	107
Louise Creek		42,924	2,050	566.4	28	61
Louise Creek		43,009	2,050	567.2	23	34
Louise Creek		43,045	2,050	567.7	26	43
Louise Creek		43,059	2,050	567.7	26	43
Louise Creek		43,072	2,050	567.7	26	43
Louise Creek		43,120	2,050	567.9	17	89
Louise Creek		43,252	2,050	568.7	38	86
Louise Creek	Z	43,500	2,050	569.7	180	16
Louise Creek		43,923	2,050	572.8	142	16
Louise Creek		44,304	1,703	575.8	135	14
Louise Creek		44,580	1,703	576.9	105	14
Louise Creek	AA	44,909	1,703	578.8	48	18
Louise Creek		45,319	1,703	581.5	16	180
Louise Creek		45,420	1,703	582.1	60	50
Louise Creek		45,484	1,703	587.9	130	50
Louise Creek		45,556	1,703	587.9	130	50

Table 24: Flood Hazard and Non-Encroachment Data for Selected Streams continued

Flooding Source	Cross Section	Stream Station (feet above mouth)	1% Annual Chance Flood Discharge (cfs)	1% Annual Chance Water Surface Elevation (feet NAVD88)	Non-Encroachment Width (feet)	
					Left	Right
Louise Creek		45,639	1,703	587.9	185	74
Louise Creek		45,845	1,703	588.0	66	191
Louise Creek		45,947	1,703	588.1	201	163
Louise Creek		46,036	1,703	588.2	228	27
Louise Creek		46,316	1,703	589.0	87	118
Louise Creek	AB	46,508	1,703	590.7	78	64
Louise Creek		46,937	1,703	593.6	122	14
Louise Creek		47,514	1,323	598.6	13	89
Louise Creek	AC	48,096	1,323	602.3	13	73
Louise Creek		48,338	1,323	604.3	13	70
Louise Creek		48,951	1,323	610.0	129	13
Louise Creek	AD	49,503	1,323	614.6	162	13
Louise Creek		50,081	1,323	618.9	62	13
Louise Creek	AE	50,378	1,323	621.5	13	38
Sullivan Branch		53	3,497	434.4 ¹	19	67
Sullivan Branch		402	3,497	434.4 ¹	82	19
Sullivan Branch		767	3,497	434.9	19	23
Sullivan Branch		1,048	3,497	437.6	46	20
Sullivan Branch		1,310	3,497	438.7	21	93
Sullivan Branch		1,434	3,497	439.1	39	39
Sullivan Branch		1,488	3,497	440.3	39	39
Sullivan Branch		1,521	3,497	440.3	39	39
Sullivan Branch	A	1,665	3,497	440.5	36	59
Sullivan Branch		1,980	3,497	441.1	30	55
Sullivan Branch		2,398	3,497	443.1	19	84
Sullivan Branch		2,784	3,497	444.3	49	19
Sullivan Branch	B	3,230	3,497	446.7	69	33
Sullivan Branch		3,558	3,497	447.9	31	66
Sullivan Branch		3,947	3,345	449.7	19	36
Sullivan Branch		4,277	3,345	452.7	58	23
Sullivan Branch	C	4,564	3,345	453.7	19	45

¹ Elevation shown with consideration of backwater effects

Table 24: Flood Hazard and Non-Encroachment Data for Selected Streams continued

Flooding Source	Cross Section	Stream Station (feet above mouth)	1% Annual Chance Flood Discharge (cfs)	1% Annual Chance Water Surface Elevation (feet NAVD88)	Non-Encroachment Width (feet)	
					Left	Right
Wall Branch		1,847	2,067	394.3 ¹	22	16
Wall Branch		2,234	2,067	394.3 ¹	62	69
Wall Branch		2,654	1,993	394.3 ¹	78	79
Wall Branch		3,273	1,993	394.3 ¹	213	15
Wall Branch		3,481	1,993	394.3 ¹	163	41
Wall Branch		3,834	1,993	394.3 ¹	175	79
Wall Branch		4,308	1,993	394.3 ¹	15	173
Wall Branch		4,962	1,993	394.3 ¹	15	195
Wall Branch		5,274	1,369	394.3 ¹	13	143
Wall Branch		6,000	1,369	394.3 ¹	14	189
Wall Branch		6,267	1,369	394.3 ¹	14	199
Wall Branch		6,540	1,369	394.3 ¹	18	72
Wall Branch		6,680	1,369	394.3 ¹	25	29
Wall Branch		6,896	1,369	394.4	60	60
Wall Branch		7,073	1,369	394.4	60	60
Wall Branch	A	7,200	1,369	394.5	36	197
Wall Branch		7,500	1,369	394.6	16	207
Wall Branch		7,774	1,369	394.9	16	108
Wall Branch		8,023	1,369	397.2	17	84
Wall Branch		8,441	1,369	401.0	16	53
Wall Branch	B	8,715	1,173	403.2	15	46
Wall Branch		8,886	1,173	404.6	16	42
Wall Branch		9,077	1,173	406.7	16	67
Wall Branch		9,136	1,173	407.8	14	74
Wall Branch		9,166	1,173	408.2	18	80
Wall Branch		9,175	1,173	410.0	18	80
Wall Branch		9,183	1,173	410.0	18	80
Wall Branch		9,209	1,173	410.0	17	82
Wall Branch		9,283	1,173	410.2	17	66
Wall Branch		9,314	1,173	410.3	15	62
Wall Branch		9,325	1,173	411.8	18	62

¹ Elevation shown with consideration of backwater effects

Table 24: Flood Hazard and Non-Encroachment Data for Selected Streams continued

Flooding Source	Cross Section	Stream Station (feet above mouth)	1% Annual Chance Flood Discharge (cfs)	1% Annual Chance Water Surface Elevation (feet NAVD88)	Non-Encroachment Width (feet)	
					Left	Right
Wall Branch		9,335	1,173	411.8	18	62
Wall Branch		9,380	1,173	411.8	16	73
Wall Branch		9,610	1,173	412.3	15	68
Wall Branch		9,925	1,173	414.5	15	15
Wall Branch		10,089	1,173	416.7	15	15
Wall Branch	C	10,242	1,173	418.9	14	23
Wall Branch		10,369	1,173	419.9	14	77
Wall Branch		10,444	1,173	420.9	19	81
Wall Branch		10,469	1,173	421.1	19	81
Wall Branch		10,495	1,173	421.1	19	81
Wall Branch		10,595	1,173	421.6	16	80
Wall Branch		10,819	1,173	423.1	13	86
Wall Branch		11,000	1,173	425.4	13	64
Wall Branch		11,365	947	430.3	14	16
Wall Branch	D	11,842	947	435.8	27	12
Wall Branch		12,066	947	438.5	12	17
Wall Branch		12,500	947	442.8	14	26
Wall Branch	E	12,851	803	445.4	14	14
Wall Branch		13,066	803	449.2	12	12
Wall Branch		13,300	803	453.4	12	23
Wall Branch	F	13,619	803	456.2	15	12
Yellow Creek	A	4,747	28,918	381.7 ¹	957	815
Yellow Creek		5,481	28,918	381.7 ¹	968	698
Yellow Creek		6,679	24,905	381.7 ¹	136	616
Yellow Creek		7,120	24,905	381.7 ¹	150	604
Yellow Creek		7,676	24,905	381.7 ¹	238	795
Yellow Creek		8,118	24,905	381.7 ¹	388	1,198
Yellow Creek		8,500	24,905	381.7 ¹	315	1,124
Yellow Creek	B	9,000	24,905	381.7 ¹	53	1,025
Yellow Creek		9,438	24,905	381.7 ¹	53	1,026
Yellow Creek		10,102	24,905	381.7 ¹	1,251	522

¹ Elevation shown with consideration of backwater effects

Table 24: Flood Hazard and Non-Encroachment Data for Selected Streams continued

Flooding Source	Cross Section	Stream Station (feet above mouth)	1% Annual Chance Flood Discharge (cfs)	1% Annual Chance Water Surface Elevation (feet NAVD88)	Non-Encroachment Width (feet)	
					Left	Right
Yellow Creek		10,652	24,905	381.7 ¹	1,213	207
Yellow Creek		11,193	24,905	381.7 ¹	792	579
Yellow Creek		11,683	24,905	381.7 ¹	189	676
Yellow Creek		12,117	24,905	381.7 ¹	60	759
Yellow Creek		12,500	24,696	381.7 ¹	53	845
Yellow Creek		13,000	24,696	381.7 ¹	53	781
Yellow Creek		13,500	24,696	381.7 ¹	53	681
Yellow Creek		13,864	24,696	381.7 ¹	74	641
Yellow Creek		14,205	24,696	381.7 ¹	53	989
Yellow Creek		14,759	24,696	381.7 ¹	573	816
Yellow Creek	C	15,448	24,696	381.7 ¹	939	73
Yellow Creek		15,921	24,696	381.7 ¹	717	243
Yellow Creek		16,308	24,696	381.7 ¹	717	390
Yellow Creek		17,103	24,696	381.7 ¹	176	715
Yellow Creek		17,649	24,696	381.7 ¹	473	407
Yellow Creek		17,952	24,696	381.7 ¹	659	273
Yellow Creek		18,398	24,696	381.7 ¹	898	60
Yellow Creek	D	18,804	24,696	381.7 ¹	862	53
Yellow Creek		19,778	24,508	381.7 ¹	593	514
Yellow Creek		20,406	24,508	381.7 ¹	901	68
Yellow Creek		21,000	24,508	381.7 ¹	779	53
Yellow Creek		21,500	24,508	381.7 ¹	873	53
Yellow Creek		22,181	24,508	381.7 ¹	391	631
Yellow Creek		22,563	24,508	381.7 ¹	53	838
Yellow Creek		22,936	24,508	381.7 ¹	149	795
Yellow Creek	E	23,500	24,508	381.7 ¹	698	335
Yellow Creek		24,000	24,508	381.7 ¹	807	53
Yellow Creek		24,422	24,508	381.7 ¹	795	95
Yellow Creek		24,934	24,508	381.8	512	641
Yellow Creek		25,258	24,508	382.0	112	1,114
Yellow Creek	F	25,519	24,508	382.2	53	985

¹ Elevation shown with consideration of backwater effects

Table 24: Flood Hazard and Non-Encroachment Data for Selected Streams continued

Flooding Source	Cross Section	Stream Station (feet above mouth)	1% Annual Chance Flood Discharge (cfs)	1% Annual Chance Water Surface Elevation (feet NAVD88)	Non-Encroachment Width (feet)	
					Left	Right
Yellow Creek		26,104	24,353	382.5	45	815
Yellow Creek		26,699	24,353	383.0	409	489
Yellow Creek		27,032	24,353	383.2	714	247
Yellow Creek	G	27,428	24,353	383.3	644	105
Yellow Creek		27,622	24,353	383.4	198	76
Yellow Creek		27,684	24,353	384.5	198	76
Yellow Creek		27,742	24,353	384.5	198	76
Yellow Creek		27,937	24,353	385.3	457	54
Yellow Creek	H	28,462	24,353	385.9	141	368
Yellow Creek		28,953	24,353	386.2	115	417
Yellow Creek		29,500	24,353	386.9	71	533
Yellow Creek		30,040	24,044	387.4	78	421
Yellow Creek	I	30,415	24,044	387.5	52	222
Yellow Creek		30,858	24,044	389.0	166	175
Yellow Creek		31,212	24,044	389.7	615	105
Yellow Creek		31,544	24,044	389.9	629	85
Yellow Creek		31,912	24,044	390.2	562	80
Yellow Creek	J	32,486	24,044	390.9	262	540
Yellow Creek		33,070	24,044	391.3	441	720
Yellow Creek		33,276	24,044	391.4	454	996
Yellow Creek		33,500	24,044	391.4	403	639
Yellow Creek		33,983	24,044	391.6	216	444
Yellow Creek	K	34,500	23,856	392.2	52	412
Yellow Creek		35,000	23,856	392.8	52	412
Yellow Creek		35,500	23,856	393.9	52	481
Yellow Creek		36,000	23,856	394.3	52	482
Yellow Creek	L	36,500	23,856	394.9	52	476
Yellow Creek		36,933	23,856	395.4	319	361
Yellow Creek		37,359	23,856	395.8	588	190
Yellow Creek		38,000	23,856	396.3	121	620
Yellow Creek	M	38,500	23,856	396.5	52	606
Yellow Creek		39,000	23,856	396.8	49	530

Table 24: Flood Hazard and Non-Encroachment Data for Selected Streams continued

Flooding Source	Cross Section	Stream Station (feet above mouth)	1% Annual Chance Flood Discharge (cfs)	1% Annual Chance Water Surface Elevation (feet NAVD88)	Non-Encroachment Width (feet)	
					Left	Right
Yellow Creek		39,500	23,856	397.4	47	484
Yellow Creek		40,224	23,856	398.1	379	52
Yellow Creek	N	40,590	23,856	398.7	437	44
Yellow Creek		41,000	23,856	399.2	571	52
Yellow Creek		41,543	23,856	399.7	541	52
Yellow Creek		42,049	23,856	400.2	517	52
Yellow Creek	O	42,450	23,856	400.7	495	52
Yellow Creek		42,948	23,614	401.2	494	70
Yellow Creek		43,522	23,614	401.8	360	250
Yellow Creek	P	43,945	23,614	402.1	384	135
Yellow Creek		44,500	23,614	402.8	520	52
Yellow Creek		44,901	23,614	403.5	651	52
Yellow Creek		45,660	23,614	404.4	67	866
Yellow Creek		46,053	23,614	404.7	52	842
Yellow Creek	Q	46,494	23,614	405.4	309	795
Yellow Creek		46,974	23,485	405.6	52	840
Yellow Creek		47,364	23,485	406.1	208	847
Yellow Creek		47,580	23,485	406.3	300	660
Yellow Creek		47,814	23,485	406.4	420	441
Yellow Creek		48,069	23,485	406.5	314	200
Yellow Creek	R	48,438	23,485	406.9	500	113
Yellow Creek		48,812	23,485	407.3	430	56
Yellow Creek		49,098	23,485	407.6	369	52
Yellow Creek		49,500	23,485	408.1	316	52
Yellow Creek		50,000	23,485	408.9	370	52
Yellow Creek	S	50,317	23,485	409.8	358	160
Yellow Creek		50,531	23,485	409.9	170	175
Yellow Creek		50,621	23,485	410.4	170	175
Yellow Creek		50,717	23,485	410.4	170	175
Yellow Creek		50,904	23,485	410.5	213	70
Yellow Creek		51,332	23,485	411.1	110	199
Yellow Creek		51,836	23,485	411.6	52	330

Table 24: Flood Hazard and Non-Encroachment Data for Selected Streams continued

Flooding Source	Cross Section	Stream Station (feet above mouth)	1% Annual Chance Flood Discharge (cfs)	1% Annual Chance Water Surface Elevation (feet NAVD88)	Non-Encroachment Width (feet)	
					Left	Right
Yellow Creek		52,177	23,227	412.2	130	118
Yellow Creek	T	52,565	23,227	413.4	308	150
Yellow Creek		52,860	23,227	414.1	95	726
Yellow Creek		53,052	23,227	414.1	51	1,075
Yellow Creek		53,224	23,227	414.2	51	755
Yellow Creek		53,421	23,227	414.2	51	406
Yellow Creek		53,624	23,227	414.4	51	488
Yellow Creek		54,000	23,227	415.0	51	694
Yellow Creek	U	54,570	22,845	415.4	51	737
Yellow Creek		55,000	22,845	415.8	51	748
Yellow Creek		55,429	22,845	416.1	51	776
Yellow Creek		56,000	22,845	416.5	304	340
Yellow Creek		56,297	22,845	416.7	421	214
Yellow Creek		57,163	22,845	417.5	51	525
Yellow Creek	V	57,645	22,845	417.8	108	448
Yellow Creek		58,047	22,845	418.1	281	207
Yellow Creek		58,577	22,845	418.7	416	71
Yellow Creek		58,999	22,845	419.5	554	51
Yellow Creek	W	59,413	22,845	419.9	540	51

6.4 Coastal Flood Hazard Mapping

This section is not applicable to this Flood Risk Project.

Table 25: Summary of Coastal Transect Mapping Considerations

[Not applicable to this Flood Risk Project]

6.5 FIRM Revisions

This FIS Report and the FIRM are based on the most up-to-date information available to FEMA at the time of its publication; however, flood hazard conditions change over time. Communities or private parties may request flood map revisions at any time. Certain types of requests require submission of supporting data. FEMA may also initiate a revision. Revisions may take several forms, including Letters of Map Amendment (LOMAs), Letters of Map Revision Based on Fill (LOMR-Fs), Letters of Map Revision (LOMRs) (referred to collectively as Letters of Map Change (LOMCs)), Physical Map Revisions (PMRs), and FEMA-contracted restudies. These types of revisions are further described below. Some of these types of revisions do not result in the republishing of the FIS Report. To assure that any user is aware of all revisions, it is advisable to contact the community repository of flood-hazard data (shown in Table 30, “Map Repositories”).

6.5.1 Letters of Map Amendment

A LOMA is an official revision by letter to an effective NFIP map. A LOMA results from an administrative process that involves the review of scientific or technical data submitted by the owner or lessee of property who believes the property has incorrectly been included in a designated SFHA. A LOMA amends the currently effective FEMA map and establishes that a specific property is not located in a SFHA.

To obtain an application for a LOMA, visit www.fema.gov/floodplain-management/letter-map-amendment-loma and download the form “MT-1 Application Forms and Instructions for Conditional and Final Letters of Map Amendment and Letters of Map Revision Based on Fill”. Visit the “Flood Map-Related Fees” section to determine the cost, if any, of applying for a LOMA.

FEMA offers a tutorial on how to apply for a LOMA. The LOMA Tutorial Series can be accessed at www.fema.gov/online-tutorials.

For more information about how to apply for a LOMA, call the FEMA Mapping and Insurance eXchange; toll free, at 1-877-FEMA MAP (1-877-336-2627).

6.5.2 Letters of Map Revision Based on Fill

A LOMR-F is an official revision by letter to an effective NFIP map. A LOMR-F states FEMA’s determination concerning whether a structure or parcel has been elevated on fill above the base flood elevation and is, therefore, excluded from the SFHA.

Information about obtaining an application for a LOMR-F can be obtained in the same manner as that for a LOMA, by visiting www.fema.gov/floodplain-management/letter-map-amendment-loma for the “MT-1 Application Forms and Instructions for Conditional

and Final Letters of Map Amendment and Letters of Map Revision Based on Fill” or by calling the FEMA Mapping and Insurance eXchange, toll free, at 1-877-FEMA MAP (1-877-336-2627). Fees for applying for a LOMR-F, if any, are listed in the “Flood Map-Related Fees” section.

A tutorial for LOMR-F is available at www.fema.gov/online-tutorials.

6.5.3 Letters of Map Revision

A LOMR is an official revision to the currently effective FEMA map. It is used to change flood zones, floodplain and floodway delineations, flood elevations and planimetric features. All requests for LOMRs should be made to FEMA through the chief executive officer of the community, since it is the community that must adopt any changes and revisions to the map. If the request for a LOMR is not submitted through the chief executive officer of the community, evidence must be submitted that the community has been notified of the request.

To obtain an application for a LOMR, visit www.fema.gov/national-flood-insurance-program-flood-hazard-mapping/mt-2-application-forms-and-instructions and download the form “MT-2 Application Forms and Instructions for Conditional Letters of Map Revision and Letters of Map Revision”. Visit the “Flood Map-Related Fees” section to determine the cost of applying for a LOMR. For more information about how to apply for a LOMR, call the FEMA Mapping and Insurance eXchange; toll free, at 1-877-FEMA MAP (1-877-336-2627) to speak to a Map Specialist.

Previously issued mappable LOMCs (including LOMRs) that have been incorporated into the Montgomery County FIRM are listed in Table 26.

Table 26: Incorporated Letters of Map Change

[Not applicable to this Flood Risk Project]

6.5.4 Physical Map Revisions

A Physical Map Revisions (PMR) is an official republication of a community’s NFIP map to effect changes to base flood elevations, floodplain boundary delineations, regulatory floodways and planimetric features. These changes typically occur as a result of structural works or improvements, annexations resulting in additional flood hazard areas or correction to base flood elevations or SFHAs.

The community’s chief executive officer must submit scientific and technical data to FEMA to support the request for a PMR. The data will be analyzed and the map will be revised if warranted. The community is provided with copies of the revised information and is afforded a review period. When the base flood elevations are changed, a 90-day appeal period is provided. A 6-month adoption period for formal approval of the revised map(s) is also provided.

For more information about the PMR process, please visit www.fema.gov and visit the “Flood Map Revision Processes” section.

6.5.5 Contracted Restudies

The NFIP provides for a periodic review and restudy of flood hazards within a given community. FEMA accomplishes this through a national watershed-based mapping needs assessment strategy, known as the Coordinated Needs Management Strategy (CNMS). The CNMS is used by FEMA to assign priorities and allocate funding for new flood hazard analyses used to update the FIS Report and FIRM. The goal of CNMS is to define the validity of the engineering study data within a mapped inventory. The CNMS is used to track the assessment process, document engineering gaps and their resolution, and aid in prioritization for using flood risk as a key factor for areas identified for flood map updates. Visit www.fema.gov to learn more about the CNMS or contact the FEMA Regional Office listed in Section 8 of this FIS Report.

6.5.6 Community Map History

The current FIRM presents flooding information for the entire geographic area of Montgomery County. Previously, separate FIRMs, Flood Hazard Boundary Maps (FHBM) and/or Flood Boundary and Floodway Maps (FBFM) may have been prepared for the incorporated communities and the unincorporated areas in the county that had identified SFHAs. Current and historical data relating to the maps prepared for the project area are presented in Table 27, "Community Map History." A description of each of the column headings and the source of the date is also listed below.

- *Community Name* includes communities falling within the geographic area shown on the FIRM, including those that fall on the boundary line, nonparticipating communities, and communities with maps that have been rescinded. Communities with No Special Flood Hazards are indicated by a footnote. If all maps (FHBM, FBFM, and FIRM) were rescinded for a community, it is not listed in this table unless SFHAs have been identified in this community.
- *Initial Identification Date (First NFIP Map Published)* is the date of the first NFIP map that identified flood hazards in the community. If the FHBM has been converted to a FIRM, the initial FHBM date is shown. If the community has never been mapped, the upcoming effective date or "pending" (for Preliminary FIS Reports) is shown. If the community is listed in Table 27 but not identified on the map, the community is treated as if it were unmapped.
- *Initial FHBM Effective Date* is the effective date of the first FHBM. This date may be the same date as the Initial NFIP Map Date.
- *FHBM Revision Date(s)* is the date(s) that the FHBM was revised, if applicable.
- *Initial FIRM Effective Date* is the date of the first effective FIRM for the community.
- *FIRM Revision Date(s)* is the date(s) the FIRM was revised, if applicable. This is the revised date that is shown on the FIRM panel, if applicable. As countywide studies are completed or revised, each community listed should have its FIRM dates updated accordingly to reflect the date of the countywide study. Once the FIRMs exist in countywide format, as PMRs of FIRM panels within the county are completed, the FIRM Revision Dates in the table for each community affected by

the PMR are updated with the date of the PMR, even if the PMR did not revise all the panels within that community.

The initial effective date for the Montgomery County FIRMs in countywide format was 03/18/2008.

Table 27: Community Map History

Community Name	Initial Identification Date	Initial FHBM Effective Date	FHBM Revision Date(s)	Initial FIRM Effective Date	FIRM Revision Date(s)
Clarksville, City of	09/06/1974	09/06/1974	09/05/1980 08/06/1976	06/15/1984	01/15/2021 03/18/2008
Montgomery County, Unincorporated Areas	08/30/1974	08/30/1974	02/24/1978	06/15/1984	01/15/2021 03/18/2008

SECTION 7.0 – CONTRACTED STUDIES AND COMMUNITY COORDINATION

7.1 Contracted Studies

Table 28 provides a summary of the contracted studies, by flooding source, that are included in this FIS Report.

Table 28: Summary of Contracted Studies Included in this FIS Report

Flooding Source	FIS Report Dated	Contractor	Number	Work Completed Date	Affected Communities
Antioch Creek	01/15/2021	AECOM	HSFE04-15-J0067	October 2017	Montgomery County, Unincorporated Areas
Baggett Branch	01/15/2021	AECOM	HSFE04-15-J0067	October 2017	Montgomery County, Unincorporated Areas
Bascomb Eldridge Creek	01/15/2021	AECOM	HSFE04-15-J0067	October 2017	Montgomery County, Unincorporated Areas
Big Bartons Creek	01/15/2021	AECOM	HSFE04-15-J0067	October 2017	Montgomery County, Unincorporated Areas
Big McAdoo Creek	01/15/2021	AECOM	HSFE04-15-J0067	October 2017	Montgomery County, Unincorporated Areas
Big West Fork	12/15/1983	U.S. Army Corps of Engineers, Nashville District	IAA-H-9-79, Project Order No. 13	June 1982	Clarksville, City of
Blooming Grove Creek	01/15/2021	AECOM	HSFE04-15-J0067	October 2017	Montgomery County, Unincorporated Areas
Bryant Branch	01/15/2021	AECOM	HSFE04-15-J0067	October 2017	Montgomery County, Unincorporated Areas
Budds Creek	01/15/2021	AECOM	HSFE04-15-J0067	October 2017	Montgomery County, Unincorporated Areas
Cumberland River	12/15/1983	U.S. Army Corps of Engineers, Nashville District	IAA-H-9-79, Project Order No. 13	June 1982	Clarksville, City of; Montgomery County, Unincorporated Areas
Dry Fork Creek	03/18/2008	Taylor Engineering, Inc.	EMA-2002-CO-0011A	February 2007	Montgomery County, Unincorporated Areas
East Fork Yellow Creek	01/15/2021	AECOM	HSFE04-15-J0067	October 2017	Montgomery County, Unincorporated Areas
Fletchers Fork	12/15/1983	U.S. Army Corps of Engineers, Nashville District	IAA-H-9-79, Project Order No. 13	June 1982	Clarksville, City of; Montgomery County, Unincorporated Areas
Fletchers Fork	03/18/2008	Taylor Engineering, Inc.	EMA-2002-CO-0011A	February 2007	Montgomery County, Unincorporated Areas

Table 28: Summary of Contracted Studies Included in this FIS Report continued

Flooding Source	FIS Report Dated	Contractor	Number	Work Completed Date	Affected Communities
Half Pone Creek	01/15/2021	AECOM	HSFE04-15-J0067	October 2017	Montgomery County, Unincorporated Areas
Indian Creek	01/15/2021	AECOM	HSFE04-15-J0067	October 2017	Montgomery County, Unincorporated Areas
Little Bartons Creek	01/15/2021	AECOM	HSFE04-15-J0067	October 2017	Montgomery County, Unincorporated Areas
Little McAdoo Creek	01/15/2021	AECOM	HSFE04-15-J0067	October 2017	Montgomery County, Unincorporated Areas
Little West Fork	12/15/1983	U.S. Army Corps of Engineers, Nashville District	IAA-H-9-79, Project Order No. 13	June 1982	Clarksville, City of; Montgomery County, Unincorporated Areas
Louise Creek	01/15/2021	AECOM	HSFE04-15-J0067	October 2017	Montgomery County, Unincorporated Areas
Lower Meadowbrook Creek	03/18/2008	AMEC Earth & Environmental, Inc.	See LOMR 00-04-243-P	April 2000	Clarksville, City of
Noahs Spring Branch	12/15/1983	U.S. Army Corps of Engineers, Nashville District	IAA-H-9-79, Project Order No. 13	June 1982	Montgomery County, Unincorporated Areas
Noahs Spring Branch	03/18/2008	Taylor Engineering, Inc.	EMA-2002-CO-0011A	February 2007	Montgomery County, Unincorporated Areas
Passenger Creek	03/18/2008	Taylor Engineering, Inc.	EMA-2002-CO-0011A	February 2007	Montgomery County, Unincorporated Areas
Piney Fork Creek	03/18/2008	Taylor Engineering, Inc.	EMA-2002-CO-0011A	February 2007	Montgomery County, Unincorporated Areas
Red River	12/15/1983	U.S. Army Corps of Engineers, Nashville District	IAA-H-9-79, Project Order No. 13	June 1982	Clarksville, City of; Montgomery County, Unincorporated Areas
Red River	03/18/2008	Taylor Engineering, Inc.	EMA-2002-CO-0011A	February 2007	Clarksville, City of; Montgomery County, Unincorporated Areas
Spring Creek	03/18/2008	Taylor Engineering, Inc.	EMA-2002-CO-0011A	February 2007	Clarksville, City of; Montgomery County, Unincorporated Areas

Table 28: Summary of Contracted Studies Included in this FIS Report continued

Flooding Source	FIS Report Dated	Contractor	Number	Work Completed Date	Affected Communities
Sullivan Branch	01/15/2021	AECOM	HSFE04-15-J0067	October 2017	Montgomery County, Unincorporated Areas
Sulphur Fork Creek	03/18/2008	Taylor Engineering, Inc.	EMA-2002-CO-0011A	February 2007	Montgomery County, Unincorporated Areas
Unnamed Tributary	03/18/2008	Taylor Engineering, Inc.	EMA-2002-CO-0011A	February 2007	Clarksville, City of
Unnamed Tributary	03/18/2008	Taylor Engineering, Inc.	EMA-2002-CO-0011A	February 2007	Montgomery County, Unincorporated Areas
Upper Meadowbrook Creek	03/18/2008	AMEC Earth & Environmental, Inc.	See LOMR 00-04-243-P	April 2000	Clarksville, City of; Montgomery County, Unincorporated Areas
Wall Branch	01/15/2021	AECOM	HSFE04-15-J0067	October 2017	Clarksville, City of
Yellow Creek	01/15/2021	AECOM	HSFE04-15-J0067	October 2017	Montgomery County, Unincorporated Areas

7.2 Community Meetings

The dates of the community meetings held for this Flood Risk Project and previous Flood Risk Projects are shown in Table 29. These meetings may have previously been referred to by a variety of names (Community Coordination Officer (CCO), Scoping, Discovery, etc.), but all meetings represent opportunities for FEMA, community officials, study contractors, and other invited guests to discuss the planning for and results of the project.

Table 29: Community Meetings

Community	FIS Report Dated	Date of Meeting	Meeting Type	Attended By
Clarksville, City of	01/15/2021	04/26/2012	Discovery	FEMA, the communities, the study contractor, and USACE.
		02/06/2018	Flood Risk Review (FRR)	Representatives of the State of Tennessee, the communities, FEMA, and study contractor.
		09/05/2018	Final CCO	Representatives of the State of Tennessee, the communities, FEMA, and study contractor.
	03/18/2008	06/30/2004	Initial CCO	Representatives of USACE, FEMA, and communities within Montgomery County
		05/05/2005	Intermediate CCO	Representatives of communities within Montgomery County
		05/22/2007	Final CCO	Representatives of USACE, FEMA, and communities within Montgomery County
Montgomery County, Unincorporated Areas	01/15/2021	04/26/2012	Discovery	FEMA, the communities, the study contractor, and USACE.
		02/06/2018	Flood Risk Review (FRR)	Representatives of the State of Tennessee, the communities, FEMA, and study contractor.
		09/05/2018	Final CCO	Representatives of the State of Tennessee, the communities, FEMA, and study contractor.
	03/18/2008	06/30/2004	Initial CCO	Representatives of USACE, FEMA, and communities within Montgomery County
		05/05/2005	Intermediate CCO	Representatives of communities within Montgomery County
		05/22/2007	Final CCO	Representatives of USACE, FEMA, and communities within Montgomery County

SECTION 8.0 – ADDITIONAL INFORMATION

Information concerning the pertinent data used in the preparation of this FIS Report can be obtained by submitting an order with any required payment to the FEMA Engineering Library. For more information on this process, see www.fema.gov.

Table 30 is a list of the locations where FIRMs for Montgomery County can be viewed. Please note that the maps at these locations are for reference only and are not for distribution. Also, please note that only the maps for the community listed in the table are available at that particular repository. A user may need to visit another repository to view maps from an adjacent community.

Table 30: Map Repositories

Community	Address	City	State	Zip Code
Clarksville, City of	Regional Planning Commission 329 Main Street	Clarksville	TN	37040
Montgomery County, Unincorporated Areas	Montgomery County Building and Codes Department 350 Pageant Lane Suite 309	Clarksville	TN	37040

The National Flood Hazard Layer (NFHL) dataset is a compilation of effective FIRM Databases and LOMCs. Together they create a GIS data layer for a State or Territory. The NFHL is updated as studies become effective and extracts are made available to the public monthly. NFHL data can be viewed or ordered from the website shown in Table 31.

Table 31 contains useful contact information regarding the FIS Report, the FIRM, and other relevant flood hazard and GIS data. In addition, information about the State NFIP Coordinator and GIS Coordinator is shown in this table. At the request of FEMA, each Governor has designated an agency of State or territorial government to coordinate that State's or territory's NFIP activities. These agencies often assist communities in developing and adopting necessary floodplain management measures. State GIS Coordinators are knowledgeable about the availability and location of State and local GIS data in their state.

Table 31: Additional Information

FEMA and the NFIP	
FEMA and FEMA Engineering Library website	www.fema.gov/national-flood-insurance-program-flood-hazard-mapping/engineering-library
NFIP website	www.fema.gov/national-flood-insurance-program
NFHL Dataset	msc.fema.gov
FEMA Region IV	Federal Emergency Management Agency 3003 Chamblee Tucker Road Atlanta, GA 30341
Other Federal Agencies	
USGS website	www.usgs.gov
Hydraulic Engineering Center website	www.hec.usace.army.mil
State Agencies and Organizations	
State NFIP Coordinator	Amy Miller Office of Emergency Services William R. Snodgrass Tennessee Tower, 10 th Floor 312 Rosa L. Parks Ave Nashville, TN 37243 (615) 770-1084 Amy.J.Miller@tn.gov
State GIS Coordinator	Dennis Pedersen, Division Director Office for Information Resources, GIS Services Tennessee Tower, 16 th Floor 312 8 th Avenue, North Nashville, TN 37243 (615) 741-9356 Dennis.Pedersen@tn.gov

SECTION 9.0 – BIBLIOGRAPHY AND REFERENCES

Table 32 includes sources used in the preparation of and cited in this FIS Report as well as additional studies that have been conducted in the study area.

Table 32: Bibliography and References

Citation in this FIS	Publisher/Issuer	<i>Publication Title</i> , "Article," Volume, Number, etc.	Author / Editor	Place of Publication	Publication Date/ Date of Issuance	Link
FIS 1983	Federal Emergency Management Agency	Flood Insurance Study, Montgomery County, Tennessee, Unincorporated Areas (47125CV000A)		Washington, D.C.	December 15, 1983	FEMA Flood Map Service Center msc.fema.gov
FIS 2008	Federal Emergency Management Agency	Flood Insurance Study, Montgomery County, Tennessee and Incorporated Areas (47125CV000A)		Washington, D.C.	March 18, 2008	FEMA Flood Map Service Center msc.fema.gov
TDOT 2013	Tennessee Department of Transportation	Montgomery County Aerial Imagery 2013		Nashville, Tennessee	August 28, 2013	
USACE 1976	U.S. Army Corps of Engineers, Hydrologic Engineering Center	HEC-2, Computation of Water Surface Profiles, Users Manual of HEC-2 Computer Program 723X6L202A		Davis, California	November 1976	
USACE 1976 June	U.S. Army Corps of Engineers, Nashville District	Environmental Resources Inventory of the Metropolitan Region of Nashville, Tennessee and the Mid-Cumberland Development District		Nashville, Tennessee	June 1976	
USACE 1979	U.S. Army Corps of Engineers, Nashville District	"Flood Frequency Study for the Cumberland River Basin"		Nashville, Tennessee	January 1979	
USACE 1990	U.S. Army Corps of Engineers, Hydrologic Engineering Center	HEC-1, Flood Hydrograph Package User's Manual		Davis, California	September 1990	
USACE 1998	U.S. Army Corps of Engineers, Hydrologic Engineering Center	HEC-RAS 2.2, River Analysis System, Version 2.2, Computer Software		Davis, California	September 1998	
USACE 2004	U.S. Army Corps of Engineers, Hydrologic Engineering Center	HEC-RAS 3.1.2, River Analysis System, Version 3.1.2, Computer Software		Davis, California	April 2004	
USACE 2010	U.S. Army Corps of Engineers, Hydrologic Engineering Center	HEC-RAS 4.1.0, River Analysis System, Version 4.1.0, Computer Software		Davis, California	January 2010	

Table 32: Bibliography and References continued

Citation in this FIS	Publisher/Issuer	<i>Publication Title</i> , "Article," Volume, Number, etc.	Author / Editor	Place of Publication	Publication Date/ Date of Issuance	Link
USGS 1976	U.S. Geological Survey, for Tennessee Department of Transportation	"Techniques for Estimating Magnitude and Frequency of Floods in Tennessee"		Washington, D.C.	1976	
USGS 2000	U.S. Department of Interior, Geological Survey	"Flood-Frequency Prediction Methods for Unregulated Streams of Tennessee, 2000" Water-Resources Investigations Report 03-4176, WIR 03-4176		Nashville, Tennessee	2000	http://pubs.usgs.gov/wri/wri034176/PDF/wrir034176.pdf
USGS 2006	U.S. Department of Interior, Geological Survey	7.5 Minute Series Topographic Maps		Nashville, Tennessee	2006	