

# FLOOD INSURANCE STUDY

## FEDERAL EMERGENCY MANAGEMENT AGENCY

VOLUME 2 OF 9



### DOUGLAS COUNTY, GEORGIA AND INCORPORATED AREAS

COMMUNITY NAME	COMMUNITY NUMBER
AUSTELL, CITY OF	130054
DOUGLAS COUNTY, UNINCORPORATED AREAS	130306
DOUGLASVILLE, CITY OF	130305



# FEMA

**PRELIMINARY**  
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**Published Separately**

Flood Insurance Rate Map (FIRM)

## SECTION 6.0 – MAPPING METHODS

### 6.1 Vertical and Horizontal Control

All FIS Reports and FIRMs are referenced to a specific vertical datum. The vertical datum provides a starting point against which flood, ground, and structure elevations can be referenced and compared. Until recently, the standard vertical datum used for newly created or revised FIS Reports and FIRMs was the National Geodetic Vertical Datum of 1929 (NGVD29). With the completion of the North American Vertical Datum of 1988 (NAVD88), many FIS Reports and FIRMs are now prepared using NAVD88 as the referenced vertical datum.

Flood elevations shown in this FIS Report and on the FIRMs are referenced to NAVD88. These flood elevations must be compared to structure and ground elevations referenced to the same vertical datum. For information regarding conversion between NGVD29 and NAVD88 or other datum conversion, visit the National Geodetic Survey website at [www.ngs.noaa.gov](http://www.ngs.noaa.gov), or contact the National Geodetic Survey (NGS) at the following address:

NGS Information Services  
NOAA, N/NGS12  
National Geodetic Survey  
SSMC-3, #9202  
1315 East-West Highway  
Silver Spring, Maryland 20910-3282  
(301) 713-3242

Temporary vertical monuments are often established during the preparation of a flood hazard analysis for the purpose of establishing local vertical control. Although these monuments are not shown on the FIRM, they may be found in the archived project documentation associated with the FIS Report and the FIRMs for this community. Interested individuals may contact FEMA to access these data.

To obtain current elevation, description, and/or location information for benchmarks in the area, please contact information services Branch of the NGS at (301) 713-3242, or visit their website at [www.ngs.noaa.gov](http://www.ngs.noaa.gov).

The datum conversion locations and values that were calculated for Douglas County are provided in Table 20.

**Table 20: Countywide Vertical Datum Conversion**

Quadrangle Name	Quadrangle Corner	Latitude	Longitude	Conversion from NGVD29 to NAVD88 (feet)
New Georgia	SE	33.750	-84.875	0.233
Austell	SW	33.750	-84.750	0.236
Campbellton	NE	33.750	-84.625	0.217

**Table 20: Countywide Vertical Datum Conversion continued**

Quadrangle Name	Quadrangle Corner	Latitude	Longitude	Conversion from NGVD29 to NAVD88 (feet)
Villa Rica	SE	33.625	-84.875	0.217
Winston	SE	33.625	-84.750	0.125
Average Conversion from NGVD29 to NAVD88 = 0.201 feet				

**Table 21: Stream-Based Vertical Datum Conversion**

[Not applicable to this Flood Risk Project]

## 6.2 Base Map

The FIRMs and FIS Report for this project have been produced in a digital format. The flood hazard information was converted to a Geographic Information System (GIS) format that meets FEMA’s FIRM database specifications and geographic information standards. This information is provided in a digital format so that it can be incorporated into a local GIS and be accessed more easily by the community. The FIRM Database includes most of the tabular information contained in the FIS Report in such a way that the data can be associated with pertinent spatial features. For example, the information contained in the Floodway Data table and Flood Profiles can be linked to the cross sections that are shown on the FIRMs. Additional information about the FIRM Database and its contents can be found in FEMA’s *Guidelines and Standards for Flood Risk Analysis and Mapping*, [www.fema.gov/guidelines-and-standards-flood-risk-analysis-and-mapping](http://www.fema.gov/guidelines-and-standards-flood-risk-analysis-and-mapping). Base map information shown on the FIRM was derived from the sources described in Table 22.

**Table 22: Base Map Sources**

Data Type	Data Provider	Data Date	Data Scale	Data Description
Political boundaries	Douglas County GIS Department	2016	N/A	Douglas County corporate limits
Digital Orthophoto	Douglas County GIS Department	2013	1:100	Effective Douglas County Imagery
Digital Orthophoto	Georgia GIS Data Clearinghouse	2009	N/A	GA DNR Land Imagery
Douglas County Airports	U.S. Geological Survey	1996	N/A	Douglas County structures
Douglas County Boundary	U.S. Census Bureau	2006	N/A	Douglas County corporate limits
Effective Douglas County Imagery	Douglas County Water and Sewer Department	2005	N/A	Base map imagery from previous countywide revision
Hydro Lines	Douglas County GIS Department	2016	N/A	Surface water features

**Table 22: Base Map Sources continued**

Data Type	Data Provider	Data Date	Data Scale	Data Description
NGS Benchmarks	NOAA, National Geodetic Survey	1977	N/A	
Surface Water Features	Georgia GIS Data Clearinghouse	1997	N/A	Douglas County Water Bodies
Transportation Features	Douglas County GIS Department	2010	N/A	Douglas County Roads & Railroads

### 6.3 Floodplain and Floodway Delineation

The FIRM shows tints, screens, and symbols to indicate floodplains and floodways as well as the locations of selected cross sections used in the hydraulic analyses and floodway computations.

For riverine flooding sources, the mapped floodplain boundaries shown on the FIRM have been delineated using the flood elevations determined at each cross section; between cross sections, the boundaries were interpolated using the topographic elevation data described in Table 23.

In cases where the 1% and 0.2% annual chance floodplain boundaries are close together, only the 1% annual chance floodplain boundary has been shown. Small areas within the floodplain boundaries may lie above the flood elevations but cannot be shown due to limitations of the map scale and/or lack of detailed topographic data.

The floodway widths presented in this FIS Report and on the FIRM were computed for certain stream segments on the basis of equal conveyance reduction from each side of the floodplain. Floodway widths were computed at cross sections. Between cross sections, the floodway boundaries were interpolated. Table 24 indicates the flooding sources for which floodways have been determined. The results of the floodway computations for those flooding sources have been tabulated for selected cross sections and are shown in Table 24, "Floodway Data."

**Table 23: Summary of Topographic Elevation Data used in Mapping**

Community	Flooding Source	Source for Topographic Elevation Data					
		Description	Scale	Contour Interval	RMSE <sub>z</sub>	Accuracy <sub>z</sub>	Citation
Austell, City of	All within HUC 03130002	7.5-Minute Topographic Maps	1:24,000	20 feet	N/A	N/A	USGS 1973a
Douglas County, Unincorporated Areas	All within HUC 03130002	LiDAR Data and Aerial Photographs	1:800	2 feet	N/A	N/A	LiDAR 2004
Douglas County, Unincorporated Areas	All within HUC 03130002	LiDAR Data and Aerial Photographs	1:800	2 feet	N/A	N/A	Photo Science 2004

**Table 23: Summary of Topographic Elevation Data used in Mapping**

Community	Flooding Source	Source for Topographic Elevation Data					
		Description	Scale	Contour Interval	RMSE <sub>z</sub>	Accuracy <sub>z</sub>	Citation
Douglas County, Unincorporated Areas	All within HUC 03130002	Topographic Map	1:24,000	5 feet	N/A	N/A	Berry 1977
Douglasville, City of	All within HUC 03130002	LiDAR Data and Aerial Photographs	1:800	2 feet	N/A	N/A	LiDAR 2004

BFEs shown at cross sections on the FIRM represent the 1% annual chance water surface elevations shown on the Flood Profiles and in the Floodway Data tables in the FIS Report.

**Table 24: Floodway Data**

LOCATION		FLOODWAY			1% ANNUAL CHANCE FLOOD WATER SURFACE ELEVATION ( FEET NAVD88)			
CROSS SECTION	DISTANCE <sup>1</sup>	WIDTH (FEET)	SECTION AREA (SQ. FEET)	MEAN VELOCITY (FEET/ SEC)	REGULATORY	WITHOUT FLOODWAY	WITH FLOODWAY	INCREASE
A	80	50	222	7.7	958.5	958.5	958.8	0.3
B	724	200	613	2.7	962.1	962.1	962.8	0.7
C	1,620	56	190	8.8	972.6	972.6	972.6	0.0
D	1,711	150	1,614	1.0	983.4	983.4	983.5	0.1
E	2,769	25	147	11.4	986.4	986.4	986.9	0.5
F	3,474	30	179	9.3	999.2	999.2	999.3	0.1
G	4,050	32	169	4.6	1,004.4	1,004.4	1,005.4	1.0
H	5,017	45	163	4.8	1,012.3	1,012.3	1,012.4	0.1
I	5,181	45	337	2.3	1,019.2	1,019.2	1,019.2	0.0
J	6,105	30	170	4.6	1,021.4	1,021.4	1,021.6	0.2
K	6,745	22	71	5.1	1,028.7	1,028.7	1,028.9	0.2
L	7,951	169	253	1.4	1,059.5	1,059.5	1,059.5	0.0
M	8,140	259	798	0.5	1,064.0	1,064.0	1,064.0	0.0
N	8,427	546	2,616	0.1	1,068.8	1,068.8	1,068.8	0.0
O	8,619	45	89	4.1	1,071.7	1,071.7	1,072.4	0.7
P	8,644	527	2,483	0.2	1,072.4	1,072.4	1,072.7	0.3
Q	9,387	20	44	8.3	1,077.6	1,077.6	1,077.6	0.0
R	10,154	19	57	6.4	1,093.7	1,093.7	1,094.5	0.8

<sup>1</sup>Feet above confluence with Bear Creek

TABLE 24

FEDERAL EMERGENCY MANAGEMENT AGENCY  
**DOUGLAS COUNTY, GA**  
 AND INCORPORATED AREAS

**FLOODWAY DATA**

**FLOODING SOURCE: ALEXANDER BRANCH**

LOCATION		FLOODWAY			1% ANNUAL CHANCE FLOOD WATER SURFACE ELEVATION (FEET NAVD88)			
CROSS SECTION	DISTANCE <sup>1</sup>	WIDTH (FEET)	SECTION AREA (SQ. FEET)	MEAN VELOCITY (FEET/SEC)	REGULATORY	WITHOUT FLOODWAY	WITH FLOODWAY	INCREASE
A	248	29	131	5.3	1,002.8	1,002.8	1,003.8	1.0
B	642	48	99	6.9	1,013.6	1,013.6	1,013.7	0.2
C	755	50	635	1.1	1,027.2	1,027.2	1,028.2	1.0
D	1,398	49	107	6.4	1,030.5	1,030.5	1,031.2	0.7
E	1,771	20	70	9.7	1,040.3	1,040.3	1,040.3	0.0

<sup>1</sup>Feet confluence with Alexander Branch Creek

TABLE 24

FEDERAL EMERGENCY MANAGEMENT AGENCY

**DOUGLAS COUNTY, GA**

AND INCORPORATED AREAS

**FLOODWAY DATA**

**FLOODING SOURCE: ALEXANDER BRANCH TRIBUTARY A**

LOCATION		FLOODWAY			1% ANNUAL CHANCE FLOOD WATER SURFACE ELEVATION (FEET NAVD88)			
CROSS SECTION	DISTANCE <sup>1</sup>	WIDTH (FEET)	SECTION AREA (SQ. FEET)	MEAN VELOCITY (FEET/SEC)	REGULATORY	WITHOUT FLOODWAY	WITH FLOODWAY	INCREASE
A	140	56	104	2.4	1,027.1	1,027.1	1,027.1	0.0
B	1,033	15	15	5.5	1,059.7	1,059.7	1,059.7	0.0

<sup>1</sup>Feet above confluence with Alexander Branch

TABLE 24

FEDERAL EMERGENCY MANAGEMENT AGENCY

**DOUGLAS COUNTY, GA**

AND INCORPORATED AREAS

**FLOODWAY DATA**

**FLOODING SOURCE: ALEXANDER BRANCH TRIBUTARY B**

LOCATION		FLOODWAY			1% ANNUAL CHANCE FLOOD WATER SURFACE ELEVATION (FEET NAVD88)			
CROSS SECTION	DISTANCE <sup>1</sup>	WIDTH (FEET)	SECTION AREA (SQ. FEET)	MEAN VELOCITY (FEET/SEC)	REGULATORY	WITHOUT FLOODWAY	WITH FLOODWAY	INCREASE
A	954	111	373	5.2	790.0	789.5 <sup>2</sup>	789.5	0.0
B	1,714	83	311	6.3	797.4	797.4	797.6	0.2
C	2,562	135	358	4.1	803.9	803.9	804.0	0.1
D	3,356	50	197	7.4	813.5	813.5	814.0	0.5
E	4,007	68	244	6.0	820.0	820.0	820.0	0.0
F	4,202	18	67	11.1	821.6	821.6	821.6	0.0
G	4,629	31	82	9.1	838.8	838.8	838.8	0.0
H	5,625	16	68	10.9	857.2	857.2	857.2	0.0
I	5,979	30	82	9.1	869.6	869.6	869.6	0.0
J	6,322	17	75	10.0	876.1	876.1	876.2	0.1
K	7,173	275	2,283	0.3	903.5	903.5	904.4	0.9
L	7,822	153	1,198	0.6	903.5	903.5	904.4	0.9
M	8,487	39	97	7.7	917.9	917.9	917.9	0.0
N	8,635	15	248	3.0	933.5	933.5	934.4	0.9
O	9,314	16	75	9.9	933.5	933.5	934.4	0.9

<sup>1</sup>Feet above confluence with Anneewakee Creek

<sup>2</sup>Elevation computed without consideration of backwater effects from Aneewakee Creek

TABLE 24	<b>FEDERAL EMERGENCY MANAGEMENT AGENCY</b> <b>DOUGLAS COUNTY, GA</b> <b>AND INCORPORATED AREAS</b>	<b>FLOODWAY DATA</b>
		<b>FLOODING SOURCE: AMBER CREEK</b>

LOCATION		FLOODWAY			1% ANNUAL CHANCE FLOOD WATER SURFACE ELEVATION (FEET NAVD88)			
CROSS SECTION	DISTANCE <sup>1</sup>	WIDTH (FEET)	SECTION AREA (SQ. FEET)	MEAN VELOCITY (FEET/SEC)	REGULATORY	WITHOUT FLOODWAY	WITH FLOODWAY	INCREASE
A	14	10	52	13.3	825.7	825.7	825.7	0.0
B	621	18	76	9.0	838.6	838.6	839.6	1.0
C	1,358	17	74	9.3	856.9	856.9	857.8	0.9
D	1,823	8	50	13.8	873.1	873.1	873.2	0.1
E	2,582	39	137	5.0	902.3	902.3	903.3	1.0

<sup>1</sup>Feet above confluence with Amber Creek

TABLE 24

FEDERAL EMERGENCY MANAGEMENT AGENCY

**DOUGLAS COUNTY, GA**

AND INCORPORATED AREAS

**FLOODWAY DATA**

**FLOODING SOURCE: AMBER CREEK TRIBUTARY A**

LOCATION		FLOODWAY			1% ANNUAL CHANCE FLOOD WATER SURFACE ELEVATION (FEET NAVD88)			
CROSS SECTION	DISTANCE <sup>1</sup>	WIDTH (FEET)	SECTION AREA (SQ. FEET)	MEAN VELOCITY (FEET/SEC)	REGULATORY	WITHOUT FLOODWAY	WITH FLOODWAY	INCREASE
A	1,728	665	3,674	2.9	748.6	734.9	734.9	0.0
B	3,541	399	1,496	7.7	748.6	736.2	736.3	0.1
C	4,731	125	1,613	7.1	748.6	739.3	739.3	0.0
D	4,841	127	1,559	7.4	748.6	739.5	739.5	0.0
E	5,449	572	3,088	3.7	748.6	742.8	742.8	0.0
F	6,233	429	3,028	3.8	748.6	745.4	745.4	0.0
G	6,630	230	1,313	8.7	748.6	745.7	745.7	0.0
H	7,799	77	1,100	10.3	753.2	753.2	753.3	0.1
I	8,587	90	1,169	9.7	758.0	758.0	758.0	0.0
J	9,381	68	651	17.5	761.1	761.1	761.1	0.0
K	10,197	393	1,378	8.2	770.1	770.1	770.1	0.0
L	11,004	353	2,150	5.2	772.9	772.9	772.9	0.0
M	11,815	243	1,389	8.1	774.1	774.1	774.1	0.0
N	12,800	461	2,017	5.6	776.4	776.4	776.4	0.0
O	13,598	485	1,599	7.0	778.2	778.2	778.2	0.0
P	14,733	184	1,533	7.3	783.2	783.2	783.2	0.0
Q	15,593	324	2,742	4.1	785.4	785.4	785.4	0.0
R	16,398	279	1,733	6.5	786.0	786.0	786.0	0.0
S	17,211	110	1,075	10.4	787.6	787.6	787.6	0.0
T	17,924	162	1,486	7.4	790.0	790.0	790.0	0.0
Y	19,149	111	746	14.7	815.8	815.8	815.8	0.0
V	20,005	107	764	14.4	831.6	831.6	831.6	0.0
W	21,065	78	897	12.2	843.9	843.9	843.9	0.0
X	21,356	59 588	18.6	18.6	844.3	844.3	844.3	0.0

<sup>1</sup>Feet above confluence with Chattahoochee River

<sup>2</sup>Elevations computed without consideration of backwater effects from Chattahoochee River

TABLE 24	<b>FEDERAL EMERGENCY MANAGEMENT AGENCY</b> <b>DOUGLAS COUNTY, GA</b> <b>AND INCORPORATED AREAS</b>	<b>FLOODWAY DATA</b>
		<b>FLOODING SOURCE: ANNEEWAKEE CREEK</b>

LOCATION		FLOODWAY			1% ANNUAL CHANCE FLOOD WATER SURFACE ELEVATION (FEET NAVD88)			
CROSS SECTION	DISTANCE <sup>1</sup>	WIDTH (FEET)	SECTION AREA (SQ. FEET)	MEAN VELOCITY (FEET/ SEC)	REGULATORY	WITHOUT FLOODWAY	WITH FLOODWAY	INCREASE
Y	22,014	57	720	15.2	849.5	849.5	849.6	0.1
Z	22,831	49	759	14.4	853.2	853.2	853.8	0.6
AA	23,222	233	2,164	5.0	857.1	857.1	857.6	0.5
AB	23,895	69	868	12.6	857.9	857.9	858.9	1.0
AC	24,434	111	1,140	9.6	861.5	861.5	862.3	0.8
AD	24,480	117	1,203	9.1	862.1	862.1	862.7	0.6
AE	25,159	97	1,312	8.3	866.1	866.1	866.7	0.6
AF	25,218	127	780	14.0	872.8	872.8	872.9	0.1
AG	25,522	708	7,076	1.5	876.1	876.1	876.3	0.2
AH	26,209	335	3,291	2.7	876.4	876.4	876.5	0.1
AI	27,002	100	1,007	8.8	876.5	876.5	877.1	0.6
AJ	27,444	771	5,839	1.5	878.2	878.2	878.9	0.7
AK	29,062	313	1,721	5.0	878.7	878.7	879.6	0.9
AL	29,935	451	2,605	3.6	881.3	881.3	881.7	0.4
AM	30,674	145	963	9.7	883.7	883.7	883.9	0.2
AN	31,014	310	2,780	3.6	887.4	887.4	888.2	0.8
AO	32,738	150	1,345	7.5	890.9	890.9	891.1	0.2
AP	33,840	516	5,433	1.9	893.4	893.4	894.3	0.9
AQ	35,433	249	1,966	5.6	893.8	893.8	894.7	0.9
AR	35,994	296	2,037	5.8	894.4	894.4	895.1	0.7
AS	36,978	293	2,908	4.0	897.1	897.1	897.4	0.3
AT	37,560	429	3,732	3.2	897.5	897.5	897.9	0.4

<sup>1</sup>Feet above confluence with Chattahoochee River

TABLE 24

FEDERAL EMERGENCY MANAGEMENT AGENCY

DOUGLAS COUNTY, GA

AND INCORPORATED AREAS

FLOODWAY DATA

FLOODING SOURCE: ANNEEWAKEE CREEK

LOCATION		FLOODWAY			1% ANNUAL CHANCE FLOOD WATER SURFACE ELEVATION (FEET NAVD88)			
CROSS SECTION	DISTANCE <sup>1</sup>	WIDTH (FEET)	SECTION AREA (SQ. FEET)	MEAN VELOCITY (FEET/SEC)	REGULATORY	WITHOUT FLOODWAY	WITH FLOODWAY	INCREASE
AU	38,002	408	2,856	2.1	897.8	897.8	898.2	0.4
AV	38,694	414	2,457	2.5	897.9	897.9	898.4	0.5
AW	39,426	103	582	10.5	898.0	898.0	898.5	0.5
AX	39,501	142	1,837	3.3	904.6	904.6	905.0	0.4
AY	39,888	282	2,431	2.5	904.7	904.7	905.3	0.6
AZ	40,003	449	3,435	1.8	904.7	904.7	905.3	0.6
BA	40,471	443	3,331	1.9	904.7	904.7	905.4	0.7
BB	41,463	241	1,366	4.5	904.8	904.8	905.6	0.8
BC	41,588	186	956	6.4	904.8	94.8	905.6	0.8
BD	41,608	186	1,127	5.5	905.6	905.6	906.4	0.8
BE	41,946	84	456	13.5	906.4	906.4	906.4	0.0
BF	42,431	191	1,214	5.1	910.2	910.2	910.6	0.4
BG	42,884	192	911	6.8	910.9	910.9	911.6	0.7
BH	43,386	284	1,182	5.2	913.3	913.3	913.4	0.1
BI	43,817	256	764	8.1	915.5	915.5	915.5	0.0
BJ	43,843	309	1,460	4.2	916.8	916.8	916.8	0.0
BK	44,493	100	829	7.4	921.1	921.1	921.1	0.0
BL	45,646	83	612	10.1	924.2	924.2	925.0	0.8
BM	46,046	82	547	11.3	927.6	927.6	927.6	0.0
BN	46,532	205	1,409	4.4	931.7	931.7	931.8	0.1

<sup>1</sup>Feet above confluence with Chattahoochee River

TABLE 24	<b>FEDERAL EMERGENCY MANAGEMENT AGENCY</b> <b>DOUGLAS COUNTY, GA</b> <b>AND INCORPORATED AREAS</b>	<b>FLOODWAY DATA</b>
		<b>FLOODING SOURCE: ANNEWAKEE CREEK</b>

LOCATION		FLOODWAY			1% ANNUAL CHANCE FLOOD WATER SURFACE ELEVATION (FEET NAVD88)			
CROSS SECTION	DISTANCE <sup>1</sup>	WIDTH (FEET)	SECTION AREA (SQ. FEET)	MEAN VELOCITY (FEET/SEC)	REGULATORY	WITHOUT FLOODWAY	WITH FLOODWAY	INCREASE
BO	46,950	145	1,409	4.4	931.7	931.7	931.8	0.1
BP	47,351	158	971	6.3	935.1	935.1	935.6	0.5
BQ	47,478	245	691	15.2	934.9	934.9	935.5	0.6
BR	47,548	238	1,878	2.9	944.7	944.7	944.7	0.0
BS	48,025	207	2,145	2.5	944.8	944.8	945.2	0.4
BT	48,505	249	1,631	3.5	944.8	944.8	945.5	0.7
BU	49,159	64	397	14.2	950.8	950.8	950.8	0.0
BV	49,545	100	543	10.3	956.4	956.4	956.4	0.0
BW	50,555	161	930	6.0	961.4	961.4	961.9	0.5
BX	51,110	270	1,068	5.3	963.8	963.8	964.8	1.0
BY	51,849	64	700	8.0	968.1	968.1	968.2	0.1
BZ	52,298	51	408	13.8	968.1	968.1	968.3	0.2
CA	52,795	83	936	6.0	971.7	971.7	972.0	0.3
CB	53,163	55	273	13.3	972.1	972.1	972.2	0.1
CC	54,116	50	267	14.6	986.0	986.0	986.1	0.1
CD	54,198	67	942	3.9	994.8	994.8	995.1	0.3
CE	54,802	140	3,108	0.9	1,023.6	1,023.6	1,023.6	0.0
CF	55,426	300	8,535	0.3	1,023.7	1,023.7	1,023.7	0.0
CG	55,737	59	348	7.0	1,023.7	1,023.7	1,023.7	0.0
CH	57,525	59	446	6.0	1,040.9	1,040.9	1,040.9	0.0
CI	57,567	171	945	2.5	1,041.4	1,041.4	1,041.4	0.0
CJ	57,846	244	1,993	3.1	1,045.2	1,045.2	1,045.2	0.0
CK	58,062	364	2,585	0.5	1,045.6	1,045.6	1,045.6	0.0

<sup>1</sup>Feet above confluence with Chattahoochee River

TABLE 24	<b>FEDERAL EMERGENCY MANAGEMENT AGENCY</b> <b>DOUGLAS COUNTY, GA</b> <b>AND INCORPORATED AREAS</b>	<b>FLOODWAY DATA</b>  <b>FLOODING SOURCE: ANNEEWAKEE CREEK</b>
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LOCATION		FLOODWAY			1% ANNUAL CHANCE FLOOD WATER SURFACE ELEVATION (FEET NAVD88)			
CROSS SECTION	DISTANCE <sup>1</sup>	WIDTH (FEET)	SECTION AREA (SQ. FEET)	MEAN VELOCITY (FEET/SEC)	REGULATORY	WITHOUT FLOODWAY	WITH FLOODWAY	INCREASE
CL	58,178	205	1,725	0.7	1,045.6	1,045.6	1,045.6	0.0
CM	58,764	117	762	1.6	1,045.6	1,045.6	1,045.6	0.0
CN	59,918	148	555	2.2	1,045.6	1,045.6	1,045.6	0.0
CO	59,077	110	409	3.0	1,046.1	1,046.1	1,046.1	0.0
CP	59,328	27	118	10.3	1,046.1	1,046.1	1,046.1	0.0
CQ	59,526	90	365	4.5	1,048.7	1,048.7	1,049.2	0.5
CR	59,546	90	512	3.2	1,050.1	1,050.1	1,051.0	0.9
CS	59,930	36	208	7.9	1,050.2	1,050.2	1,051.1	0.9
CT	60,247	106	559	2.9	1,055.6	1,055.6	1,056.4	0.8
CU	60,775	112	403	4.1	1,056.8	1,056.8	1,057.5	0.7
CV	61,302	50	190	8.6	1,059.5	1,059.5	1,059.8	0.3
CW	61,648	68	383	3.3	1,063.3	1,063.3	1,063.4	0.1
CX	62,040	80	198	9.4	1,064.4	1,064.4	1,064.5	0.1
CY	62,320	158	790	1.6	1,070.0	1,070.0	1,070.0	0.0
CZ	62,642	111	280	4.5	1,070.0	1,070.0	1,070.0	0.0
DA	63,162	50	197	6.4	1,074.3	1,074.3	1,075.2	0.9
DB	63,236	130	438	2.9	1,077.0	1,077.0	1,077.5	0.5
DC	63,821	89	163	7.7	1,082.3	1,082.3	1,082.4	0.1
DD	64,613	76	164	7.7	1,087.5	1,087.5	1,087.5	0.0
DE	65,674	99	240	5.2	1,104.9	1,104.9	1,105.2	0.3
DF	65,761	103	366	3.4	1,107.3	1,107.3	1,108.0	0.7
DG	66,027	100	510	1.4	1,108.1	1,108.1	1,108.9	0.8
DH	66,711	33	151	4.8	1,114.7	1,114.7	1,115.3	0.6

<sup>1</sup>Feet above confluence with Chattahoochee River

TABLE 24	<b>FEDERAL EMERGENCY MANAGEMENT AGENCY</b> <b>DOUGLAS COUNTY, GA</b> <b>AND INCORPORATED AREAS</b>	<b>FLOODWAY DATA</b>  <b>FLOODING SOURCE: ANNEEWAKEE CREEK</b>
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LOCATION		FLOODWAY			1% ANNUAL CHANCE FLOOD WATER SURFACE ELEVATION (FEET NAVD88)			
CROSS SECTION	DISTANCE <sup>1</sup>	WIDTH (FEET)	SECTION AREA (SQ. FEET)	MEAN VELOCITY (FEET/SEC)	REGULATORY	WITHOUT FLOODWAY	WITH FLOODWAY	INCREASE
DI	67,120	62	218	3.3	1,131.2	1,131.2	1,131.3	0.1
DJ	67,523	664	470	1.5	1,144.6	1,144.6	1,144.6	0.0
DK	67,595	566	6,096	0.1	1,144.9	1,144.9	1,144.9	0.0
DL	67,930	382	4,134	0.2	1,144.9	1,144.9	1,144.9	0.0
DM	68,314	48	140	5.2	1,147.0	1,147.0	1,147.2	0.2

<sup>1</sup>Feet above confluence with Chattahoochee River

TABLE 24

**FEDERAL EMERGENCY MANAGEMENT AGENCY  
DOUGLAS COUNTY, GA  
AND INCORPORATED AREAS**

**FLOODWAY DATA**

**FLOODING SOURCE: ANNEEWAKEE CREEK**

LOCATION		FLOODWAY			1% ANNUAL CHANCE FLOOD WATER SURFACE ELEVATION (FEET NAVD88)			
CROSS SECTION	DISTANCE <sup>1</sup>	WIDTH (FEET)	SECTION AREA (SQ. FEET)	MEAN VELOCITY (FEET/SEC)	REGULATORY	WITHOUT FLOODWAY	WITH FLOODWAY	INCREASE
A	910	32	49	7.4	748.5	748.5	748.5	0.0
B	1,146	73	65	5.5	775.2	775.2	775.2	0.0
C	1,190	155	1,928	0.2	775.7	775.7	775.7	0.0
D	2,074	55	625	0.6	775.7	775.7	775.7	0.0
E	2,886	36	69	5.2	798.8	798.8	798.8	0.0

<sup>1</sup>Feet above confluence with Anneewakee Creek

TABLE 24

FEDERAL EMERGENCY MANAGEMENT AGENCY

**DOUGLAS COUNTY, GA**

AND INCORPORATED AREAS

**FLOODWAY DATA**

**FLOODING SOURCE: ANNEEWAKEE CREEK TRIBUTARY A**

LOCATION		FLOODWAY			1% ANNUAL CHANCE FLOOD WATER SURFACE ELEVATION (FEET NAVD88)			
CROSS SECTION	DISTANCE <sup>1</sup>	WIDTH (FEET)	SECTION AREA (SQ. FEET)	MEAN VELOCITY (FEET/SEC)	REGULATORY	WITHOUT FLOODWAY	WITH FLOODWAY	INCREASE
<b>ANNEWAKEE CREEK TRIBUTARY B</b>								
A	576	42	97	5.4	749.7	749.7	749.8	0.1
B	1,146	35	76	6.8	767.4	767.4	767.4	0.0
C	1,950	30	83	6.3	799.5	799.5	799.5	0.0
<b>ANNEWAKEE CREEK TRIBUTARY C</b>								
A	628	35	79	7.8	797.6	797.6	797.7	0.1
B	1,397	26	87	7.1	865.5	865.5	865.6	0.1
<b>ANNEWAKEE CREEK TRIBUTARY D</b>								
A	219	23	67	8.1	849.7	849.7	849.7	0.0
B	946	13	50	10.8	866.6	866.6	866.6	0.0
C	2,153	11	46	11.8	906.0	906.0	906.5	0.5

<sup>1</sup>Feet above confluence with Annewakee Creek

TABLE 24	<b>FEDERAL EMERGENCY MANAGEMENT AGENCY</b>  <b>DOUGLAS COUNTY, GA</b>  <b>AND INCORPORATED AREAS</b>	<b>FLOODWAY DATA</b>
		<b>FLOODING SOURCE: ANNEWAKEE CREEK TRIBUTARY B-  ANNEWAKEE CREEK TRIBUTARY C- ANNEWAKEE CREEK  TRIBUTARY D</b>

LOCATION		FLOODWAY			1% ANNUAL CHANCE FLOOD WATER SURFACE ELEVATION (FEET NAVD88)			
CROSS SECTION	DISTANCE <sup>1</sup>	WIDTH (FEET)	SECTION AREA (SQ. FEET)	MEAN VELOCITY (FEET/SEC)	REGULATORY	WITHOUT FLOODWAY	WITH FLOODWAY	INCREASE
<b>ANNEWAKEE CREEK TRIBUTARY E</b>								
A	836	65	350	1.0	876.6	876.6	876.9	0.3
B	1,462	12	55	6.3	876.6	876.6	877.0	0.4
C	2,205	29	70	5.0	884.6	884.6	885.3	0.7
D	2,913	16	49	7.1	894.2	894.2	894.2	0.0
<b>ANNEWAKEE CREEK TRIBUTARY F</b>								
A	1,202	449	1,962	0.3	878.6	878.6	879.5	0.9
B	2,007	41	92	5.7	884.2	884.2	884.7	0.5
C	2,438	40	93	5.7	889.4	889.4	889.4	0.0
D	3,310	282	2,181	0.2	912.7	912.7	913.0	0.3
E	4,000	84	491	1.1	912.7	912.7	913.0	0.3

<sup>1</sup>Feet above confluence with Anneewakee Creek

TABLE 24	<b>FEDERAL EMERGENCY MANAGEMENT AGENCY</b> <b>DOUGLAS COUNTY, GA</b> <b>AND INCORPORATED AREAS</b>	<b>FLOODWAY DATA</b>
		<b>FLOODING SOURCE: ANNEWAKEE CREEK TRIBUTARY E- ANNEWAKEE CREEK TRIBUTARY F</b>

LOCATION		FLOODWAY			1% ANNUAL CHANCE FLOOD WATER SURFACE ELEVATION (FEET NAVD88)			
CROSS SECTION	DISTANCE <sup>1</sup>	WIDTH (FEET)	SECTION AREA (SQ. FEET)	MEAN VELOCITY (FEET/SEC)	REGULATORY	WITHOUT FLOODWAY	WITH FLOODWAY	INCREASE
A	995	9	47	10.4	895.8	895.8	896.6	0.8
B	1,153	227	805	0.6	899.6	899.6	899.6	0.0
C	1,863	82	123	4.0	921.2	921.2	921.3	0.1
D	2,294	59	89	5.5	933.3	933.3	933.3	0.0
E	3,068	18	37	8.2	956.7	956.7	956.7	0.0
F	3,249	45	50	6.1	969.9	969.9	969.9	0.0
G	3,281	312	3,217	0.1	970.6	970.6	970.6	0.0
H	4,270	60	62	4.9	979.9	979.9	979.9	0.0

<sup>1</sup>Feet above confluence with Anneewakee Creek

TABLE 24

FEDERAL EMERGENCY MANAGEMENT AGENCY

**DOUGLAS COUNTY, GA**

AND INCORPORATED AREAS

**FLOODWAY DATA**

**FLOODING SOURCE: ANNEEWAKEE CREEK TRIBUTARY G**

LOCATION		FLOODWAY			1% ANNUAL CHANCE FLOOD WATER SURFACE ELEVATION (FEET NAVD88)			
CROSS SECTION	DISTANCE <sup>1</sup>	WIDTH (FEET)	SECTION AREA (SQ. FEET)	MEAN VELOCITY (FEET/SEC)	REGULATORY	WITHOUT FLOODWAY	WITH FLOODWAY	INCREASE
<b>ANNEWAKEE CREEK TRIBUTARY H</b>								
A	1,106	203	568	0.9	893.6	893.6	894.5	0.9
B	1,575	25	60	8.0	899.9	899.9	899.9	0.0
C	2,448	15	60	8.0	915.4	915.4	915.9	0.5
<b>ANNEWAKEE CREEK TRIBUTARY I</b>								
A	138	99	613	1.3	894.4	894.4	895.2	0.8
B	773	219	1,814	0.4	911.8	911.8	912.4	0.6
C	970	114	758	5.9	911.8	911.8	912.4	0.6
D	1,225	113	208	4.6	918.7	918.7	918.7	0.0
E	1,980	17	80	9.6	947.7	947.7	947.9	0.2

<sup>1</sup>Feet above confluence with Anneewakee Creek

TABLE 24	<b>FEDERAL EMERGENCY MANAGEMENT AGENCY</b> <b>DOUGLAS COUNTY, GA</b> <b>AND INCORPORATED AREAS</b>	<b>FLOODWAY DATA</b>
		<b>FLOODING SOURCE: ANNEWAKEE CREEK TRIBUTARY H- ANNEWAKEE CREEK TRIBUTARY I</b>

LOCATION		FLOODWAY			1% ANNUAL CHANCE FLOOD WATER SURFACE ELEVATION (FEET NAVD88)			
CROSS SECTION	DISTANCE <sup>1</sup>	WIDTH (FEET)	SECTION AREA (SQ. FEET)	MEAN VELOCITY (FEET/SEC)	REGULATORY	WITHOUT FLOODWAY	WITH FLOODWAY	INCREASE
A	390	16	128	4.4	945.0	945.0	945.4	0.4
B	775	15	54	10.6	948.0	948.0	948.0	0.0
C	1,143	87	131	4.63	962.3	962.3	962.4	0.1
D	1,479	44	90	6.3	972.9	972.9	973.0	0.1
E	1,877	41	85	6.7	980.5	980.5	980.5	0.0
F	2,688	58	96	5.9	1,009.6	1,009.6	1,009.7	0.1

<sup>1</sup>Feet above confluence with Anneewakee Creek

TABLE 24

FEDERAL EMERGENCY MANAGEMENT AGENCY

**DOUGLAS COUNTY, GA**

AND INCORPORATED AREAS

**FLOODWAY DATA**

**FLOODING SOURCE: ANNEEWAKEE CREEK TRIBUTARY J**

LOCATION		FLOODWAY			1% ANNUAL CHANCE FLOOD WATER SURFACE ELEVATION (FEET NAVD88)			
CROSS SECTION	DISTANCE <sup>1</sup>	WIDTH (FEET)	SECTION AREA (SQ. FEET)	MEAN VELOCITY (FEET/SEC)	REGULATORY	WITHOUT FLOODWAY	WITH FLOODWAY	INCREASE
A	97	16	67	3.4	1,063.3	1,063.2	1,063.4	0.2
B	489	11	26	8.8	1,077.1	1,077.1	1,077.1	0.0
C	763	21	48	4.7	1,081.9	1,081.9	1,082.2	0.3
D	835	61	431	0.6	1,090.4	1,090.4	1,090.4	0.0
E	902	56	234	1.2	1,092.9	1,092.9	1,093.3	0.4
F	1,140	24	35	6.4	1,099.6	1,099.6	1,099.6	0.0
G	1,316	12	77	2.9	1,108.1	1,108.1	1,108.2	0.1
H	1,753	14	28	8.0	1,125.3	1,125.3	1,125.3	0.0
I	1,827	449	3,709	0.1	1,126.4	1,126.4	1,126.4	0.0
J	2,121	326	2,701	0.1	1,126.4	1,126.4	1,126.4	0.0
K	2,365	296	2,476	0.1	1,126.4	1,126.4	1,126.4	0.0
L	2,794	21	36	6.3	1,127.6	1,127.6	1,127.7	0.1

<sup>1</sup>Feet above confluence with Anneewakee Creek

<sup>2</sup>Elevation computed without consideration of backwater effects from Anneewakee Creek

TABLE 24	<b>FEDERAL EMERGENCY MANAGEMENT AGENCY</b> <b>DOUGLAS COUNTY, GA</b> <b>AND INCORPORATED AREAS</b>	<b>FLOODWAY DATA</b>
		<b>FLOODING SOURCE: ANNEEWAKEE CREEK TRIBUTARY K</b>

LOCATION		FLOODWAY			1% ANNUAL CHANCE FLOOD WATER SURFACE ELEVATION (FEET NAVD88)			
CROSS SECTION	DISTANCE <sup>1</sup>	WIDTH (FEET)	SECTION AREA (SQ. FEET)	MEAN VELOCITY (FEET/SEC)	REGULATORY	WITHOUT FLOODWAY	WITH FLOODWAY	INCREASE
A	143	95	329	1.3	1,108.0	1,108.0	1,108.8	0.8
B	583	12	55	7.6	1,111.0	1,111.0	1,111.0	0.1
C	1,084	26	246	1.7	1,126.3	1,126.3	1,126.5	0.2
D	1,562	29	58	7.3	1,126.5	1,126.5	1,126.6	0.1
E	1,615	50	197	2.7	1,130.1	1,130.1	1,130.5	0.4
F	1,895	17	70	5.9	1,130.9	1,130.9	1,131.1	0.2

<sup>1</sup>Feet above confluence with Anneewakee Creek

<b>TABLE 24</b>	<b>FEDERAL EMERGENCY MANAGEMENT AGENCY</b>	<b>FLOODWAY DATA</b>
	<b>DOUGLAS COUNTY, GA</b>	
	<b>AND INCORPORATED AREAS</b>	<b>FLOODING SOURCE: ANNEEWAKEE CREEK TRIBUTARY L</b>

LOCATION		FLOODWAY			1% ANNUAL CHANCE FLOOD WATER SURFACE ELEVATION (FEET NAVD88)			
CROSS SECTION	DISTANCE <sup>1</sup>	WIDTH (FEET)	SECTION AREA (SQ. FEET)	MEAN VELOCITY (FEET/SEC)	REGULATORY	WITHOUT FLOODWAY	WITH FLOODWAY	INCREASE
A	101	16	115	13.7	995.0	990.3 <sup>2</sup>	990.6	0.3
B	559	34	137	11.5	1,005.8	1,005.8	1,005.9	0.1
C	1,020	34	177	8.9	1,012.6	1,012.6	1,012.8	0.2
D	1,402	24	138	11.3	1,017.1	1,017.1	1,017.2	0.1
E	1,804	67	205	7.7	1,024.9	1,024.9	1,024.9	0.0
F	2,007	33	112	10.7	1,028.2	1,028.2	1,028.2	0.0
G	2,116	118	461	3.3	1,036.7	1,036.7	1,036.7	0.0
H	2,358	174	618	1.9	1,037.0	1,037.0	1,037.0	0.0
I	2,760	197	277	4.3	1,037.3	1,037.3	1,037.5	0.2
J	3,602	38	171	7.0	1,044.5	1,044.5	1,044.7	0.2
K	4,315	40	744	1.6	1,061.3	1,061.3	1,061.3	0.0
L	4,828	75	1,090	2.6	1,061.3	1,061.3	1,061.3	0.0
M	5,404	51	671	4.3	1,061.3	1,061.3	1,061.5	0.2
N	5,486	51	715	4.0	1,061.4	1,061.4	1,602.0	0.6
O	5,766	42	543	5.3	1,061.4	1,061.4	1,062.4	1.0
P	5,926	246	313	8.1	1,062.3	1,062.3	1,062.3	0.0
Q	6,034	287	2,779	0.9	1,063.8	1,063.8	1,063.8	0.0
R	6,471	263	2,540	1.0	1,063.8	1,063.8	1,063.8	0.0
S	7,423	78	674	3.8	1,072.4	1,072.4	1,072.8	0.4
T	8,465	126	394	6.5	1,076.0	1,076.0	1,076.0	0.0
U	9,259	126	331	7.7	1,081.4	1,081.4	1,081.4	0.0
V	9,559	79	180	7.6	1,084.1	1,084.1	1,084.1	0.0
W	9,715	65	344	3.7	1,088.6	1,088.6	1,089.4	0.8

<sup>1</sup>Feet above confluence with Anneewakee Creek

<sup>2</sup>Elevation computed without consideration of backwater effects from Anneewakee Creek

TABLE 24	<b>FEDERAL EMERGENCY MANAGEMENT AGENCY</b> <b>DOUGLAS COUNTY, GA</b> <b>AND INCORPORATED AREAS</b>	<b>FLOODWAY DATA</b>  <b>FLOODING SOURCE: ARBOR BRANCH</b>
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LOCATION		FLOODWAY			1% ANNUAL CHANCE FLOOD WATER SURFACE ELEVATION (FEET NAVD88)			
CROSS SECTION	DISTANCE <sup>1</sup>	WIDTH (FEET)	SECTION AREA (SQ. FEET)	MEAN VELOCITY (FEET/SEC)	REGULATORY	WITHOUT FLOODWAY	WITH FLOODWAY	INCREASE
X	10,570	32	115	11.1	1,098.2	1,098.2	1,098.2	0.0
Y	11,217	24	207	6.1	1,103.9	1,103.9	1,104.9	1.0
Z	11,365	75	837	1.5	1,112.9	1,112.9	1,113.9	1.0
AA	11,990	25	164	7.8	1,114.2	1,114.2	1,114.8	0.6
AB	12,564	63	180	7.0	1,121.1	1,121.1	1,121.1	0.0
AC	12,655	90	344	3.7	1,124.2	1,124.2	1,125.2	1.0
AD	12,770	30	124	10.2	1,124.6	1,124.6	1,125.5	0.9

<sup>1</sup>Feet above confluence with Anneewakee Creek

TABLE 24

FEDERAL EMERGENCY MANAGEMENT AGENCY

**DOUGLAS COUNTY, GA**

AND INCORPORATED AREAS

**FLOODWAY DATA**

**FLOODING SOURCE: ARBOR BRANCH**

LOCATION		FLOODWAY			1% ANNUAL CHANCE FLOOD WATER SURFACE ELEVATION (FEET NAVD88)			
CROSS SECTION	DISTANCE <sup>1</sup>	WIDTH (FEET)	SECTION AREA (SQ. FEET)	MEAN VELOCITY (FEET/SEC)	REGULATORY	WITHOUT FLOODWAY	WITH FLOODWAY	INCREASE
A	73	30	128	2.8	1,083.5	1,083.5	1,083.5	0.0
B	170	15	41	8.8	1,083.5	1,083.5	1,083.5	0.0
C	343	74	248	1.5	1,090.4	1,090.4	1,090.4	0.0
D	888	15	39	9.1	1,094.2	1,094.2	1,094.3	0.1
E	1,265	17	138	2.6	1,112.6	1,112.6	1,112.6	0.0
F	1,560	35	192	5.0	1,112.9	1,112.9	1,113.7	0.8
G	2,388	75	199	4.9	1,127.4	1,127.4	1,128.3	0.9

<sup>1</sup>Feet above confluence with Anneewakee Creek  
<sup>2</sup>Elevation computed without consideration of backwater effects from Arbor Branch

TABLE 24	<b>FEDERAL EMERGENCY MANAGEMENT AGENCY</b> <b>DOUGLAS COUNTY, GA</b> <b>AND INCORPORATED AREAS</b>	<b>FLOODWAY DATA</b> <b>FLOODING SOURCE: ARBOR BRANCH TRIBUTARY A</b>
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LOCATION		FLOODWAY			1% ANNUAL CHANCE FLOOD WATER SURFACE ELEVATION (FEET NAVD88)			
CROSS SECTION	DISTANCE <sup>1</sup>	WIDTH (FEET)	SECTION AREA (SQ. FEET)	MEAN VELOCITY (FEET/SEC)	REGULATORY	WITHOUT FLOODWAY	WITH FLOODWAY	INCREASE
A	29	24	72	9.9	935.1	930.2 <sup>2</sup>	930.2	0.0
B	321	36	306	2.8	947.4	947.4	947.4	0.0
C	846	36	89	8.0	951.3	951.3	951.3	0.0
D	1,562	10	54	13.1	977.4	977.4	977.4	0.0
E	1,642	214	2,853	0.3	980.4	980.4	980.4	0.0
F	1,839	174	2,318	0.3	980.4	980.4	980.4	0.0
G	2,312	256	3,394	0.2	980.4	980.4	980.4	0.0
H	2,722	113	827	0.9	980.4	980.4	980.4	0.0
I	2,884	336	175	4.1	1,002.2	1,002.2	1,002.2	0.0
J	2,921	296	2,776	0.2	1,002.5	1,002.5	1,002.5	0.0
K	3,614	319	2,940	0.2	1,002.5	1,002.5	1,002.5	0.0
L	4,033	328	3,082	0.2	1,002.5	1,002.5	1,002.5	0.0
M	4,563	30	70	8.6	1,002.7	1,002.7	1,002.7	0.0
N	4,623	30	234	2.9	1,008.9	1,008.9	1,008.9	0.0
O	5,200	83	631	0.9	1,022.5	1,022.5	1,023.2	0.7
P	5,827	47	96	6.2	1,023.1	1,023.1	1,023.5	0.4
Q	6,830	49	81	7.3	1,073.2	1,073.2	1,073.2	0.0
R	6,908	631	7,589	0.1	1,074.1	1,074.1	1,074.1	0.0
S	7,146	427	5,147	0.1	1,074.1	1,074.1	1,074.1	0.0
T	7,444	447	5,295	0.1	1,074.1	1,074.1	1,074.1	0.0
U	7,726	74	198	3.0	1,076.5	1,076.5	1,076.5	0.0
V	7,963	15	90	6.6	1,082.8	1,082.8	1,083.5	0.7

<sup>1</sup>Feet above confluence with Anneewakee Creek

<sup>2</sup>Elevation computed without consideration of backwater effects from Anneewakee Creek

TABLE 24	<b>FEDERAL EMERGENCY MANAGEMENT AGENCY</b> <b>DOUGLAS COUNTY, GA</b> <b>AND INCORPORATED AREAS</b>	<b>FLOODWAY DATA</b>
		<b>FLOODING SOURCE: AUSTIN CREEK</b>

LOCATION		FLOODWAY			1% ANNUAL CHANCE FLOOD WATER SURFACE ELEVATION ( FEET NAVD88)			
CROSS SECTION	DISTANCE <sup>1</sup>	WIDTH (FEET)	SECTION AREA (SQ. FEET)	MEAN VELOCITY (FEET/ SEC)	REGULATORY	WITHOUT FLOODWAY	WITH FLOODWAY	INCREASE
<b>AYER CREEK</b>								
A	1,067 <sup>1</sup>	40	229	7.8	956.6	956.6	957.2	0.6
B	2,561 <sup>1</sup>	51	315	5.7	961.5	961.5	962.4	0.9
C	4,202 <sup>1</sup>	29	262	6.8	966.5	966.5	967.2	0.7
D	5,529 <sup>1</sup>	34	217	5.1	969.7	969.7	970.6	0.9
<b>BAGGETT CREEK</b>								
A	657 <sup>2</sup>	25	92	7.6	1,009.2	1,009.2	1,010.1	0.9
B	2,296 <sup>2</sup>	65	281	2.9	1,035.4	1,035.4	1,036.2	0.8
C	3,913 <sup>2</sup>	36	143	8.6	1,051.1	1,051.1	1,051.7	0.6
D	4,823 <sup>2</sup>	100	612	1.1	1,064.2	1,064.2	1,065.2	1.0
E	6,217 <sup>2</sup>	57	250	2.8	1,087.5	1,087.5	1,088.3	0.8

<sup>1</sup> Feet above confluence with Crawfish Creek\*

<sup>2</sup> Feet above confluence with Mobley Creek

\*Confluence is 20 feet downstream of zero stationing

TABLE 24

FEDERAL EMERGENCY MANAGEMENT AGENCY

**DOUGLAS COUNTY, GA**

AND INCORPORATED AREAS

**FLOODWAY DATA**

**FLOODING SOURCE: AYER CREEK - BAGGETT CREEK**

LOCATION		FLOODWAY			1% ANNUAL CHANCE FLOOD WATER SURFACE ELEVATION (FEET NAVD88)			
CROSS SECTION	DISTANCE <sup>1</sup>	WIDTH (FEET)	SECTION AREA (SQ. FEET)	MEAN VELOCITY (FEET/SEC)	REGULATORY	WITHOUT FLOODWAY	WITH FLOODWAY	INCREASE
A	1,144	190	882	3.5	778.9	778.9	778.9	0.0
B	1,321	80	369	8.3	779.4	779.4	779.5	0.1
C	2,110	69	307	10.0	784.9	784.9	785.0	0.1
D	2,807	108	622	4.9	790.6	790.6	791.6	1.0
E	3,193	90	284	10.7	792.3	792.3	792.6	0.3
F	3,218	90	541	5.6	794.8	794.8	795.1	0.3
G	4,296	190	415	5.5	803.1	803.1	803.1	0.0
H	4,322	268	946	2.4	805.8	805.8	805.8	0.0
I	4,901	117	385	5.9	810.8	810.8	811.0	0.2
J	5,726	135	483	4.7	819.0	819.0	819.3	0.3
K	6,646	102	331	6.8	831.0	831.0	831.0	0.0
L	6,966	121	398	5.7	835.8	835.8	835.8	0.0
M	7,754	46	212	10.7	848.8	848.8	848.8	0.0
N	8,592	97	297	7.6	881.9	881.9	882.0	0.1
O	9,632	110	392	5.8	894.0	894.0	894.0	0.0
P	10,190	121	747	3.0	905.1	905.1	905.1	0.0
Q	11,712	160	607	3.7	917.4	917.4	917.4	0.0
R	12,851	88	329	5.8	894.0	894.0	894.0	0.0
S	13,026	39	136	4.2	942.6	942.6	942.6	0.0
T	14,142	50	107	5.4	967.6	967.6	967.6	0.0
U	14,764	27	61	9.5	976.9	976.9	976.9	0.0
V	14,850	87	682	0.8	983.0	983.0	983.9	0.9

<sup>1</sup>Feet above confluence with Little Bear Creek

TABLE 24

FEDERAL EMERGENCY MANAGEMENT AGENCY

DOUGLAS COUNTY, GA

AND INCORPORATED AREAS

FLOODWAY DATA

FLOODING SOURCE: BALDWIN CREEK

LOCATION		FLOODWAY			1% ANNUAL CHANCE FLOOD WATER SURFACE ELEVATION (FEET NAVD88)			
CROSS SECTION	DISTANCE <sup>1</sup>	WIDTH (FEET)	SECTION AREA (SQ. FEET)	MEAN VELOCITY (FEET/SEC)	REGULATORY	WITHOUT FLOODWAY	WITH FLOODWAY	INCREASE
W	15,478	30	62	9.3	986.9	986.9	986.9	0.0
X	15,505	30	140	4.1	990.5	990.5	990.8	0.3
Y	16,459	70	83	6.9	1,010.3	1,010.3	1,010.3	0.0
Z	17,119	25	60	9.6	1,021.3	1,021.3	1,021.3	0.0
AA	17,175	47	315	1.8	1,028.9	1,028.9	1,029.5	0.6
AB	17,668	33	75	7.6	1,031.6	1,031.6	1,031.7	0.1
AC	17,728	47	170	3.4	1,035.9	1,035.9	1,036.3	0.4
AD	18,517	60	115	5.0	1,049.4	1,049.4	1,049.7	0.3

<sup>1</sup>Feet above confluence with Little Bear Creek

TABLE 24	<b>FEDERAL EMERGENCY MANAGEMENT AGENCY</b> <b>DOUGLAS COUNTY, GA</b> <b>AND INCORPORATED AREAS</b>	<b>FLOODWAY DATA</b>
		<b>FLOODING SOURCE: BALDWIN CREEK</b>

LOCATION		FLOODWAY			1% ANNUAL CHANCE FLOOD WATER SURFACE ELEVATION (FEET NAVD88)			
CROSS SECTION	DISTANCE <sup>1</sup>	WIDTH (FEET)	SECTION AREA (SQ. FEET)	MEAN VELOCITY (FEET/SEC)	REGULATORY	WITHOUT FLOODWAY	WITH FLOODWAY	INCREASE
A	110	20	67	10.2	943.7	943.7	943.7	0.0
B	450	36	57	6.7	957.6	957.6	957.6	0.0
C	506	123	928	0.4	958.6	958.6	958.6	0.0
D	715	123	906	0.4	958.6	958.6	958.6	0.0
E	1,135	66	91	4.2	967.0	967.0	967.0	0.0
F	2,479	48	64	5.9	997.9	997.9	997.9	0.0
G	2,586	50	58	6.5	1,000.6	1,000.6	1,000.6	0.0
H	3,403	29	52	7.4	1,015.4	1,015.4	1,015.4	0.0
I	4,190	38	54	7.0	1,040.6	1,040.6	1,040.6	0.0
J	4,756	63	81	4.7	1,070.5	1,070.5	1,070.5	0.0
K	4,804	95	259	1.5	1,074.9	1,074.9	1,075.8	0.9
L	4,989	75	93	4.1	1,083.9	1,083.9	1,084.8	0.9

<sup>1</sup>Feet above confluence with Baldwin Creek

TABLE 24

FEDERAL EMERGENCY MANAGEMENT AGENCY

DOUGLAS COUNTY, GA

AND INCORPORATED AREAS

FLOODWAY DATA

FLOODING SOURCE: BALDWIN CREEK TRIBUTARY A

LOCATION		FLOODWAY			1% ANNUAL CHANCE FLOOD WATER SURFACE ELEVATION (FEET NAVD88)			
CROSS SECTION	DISTANCE <sup>1</sup>	WIDTH (FEET)	SECTION AREA (SQ. FEET)	MEAN VELOCITY (FEET/SEC)	REGULATORY	WITHOUT FLOODWAY	WITH FLOODWAY	INCREASE
A	1,085	70	769	10.2	739.6	724.7 <sup>2</sup>	724.9	0.2
B	1,571	122	1,355	5.8	739.6	726.62	726.8	0.2
C	1,949	64	568	13.8	739.6	726.62	726.8	0.2
D	1,989	73	773	10.1	739.6	728.32	728.3	0.0
E	2,994	55	753	10.4	739.6	731.92	732.3	0.4
F	3,246	222	1,194	6.6	739.6	733.62	733.7	0.1
G	3,534	140	1,274	6.1	739.6	734.52	735.0	0.5
H	3,794	130	1,046	7.5	739.6	734.62	735.3	0.7
I	4,031	71	924	8.5	739.6	735.22	736.0	0.8
J	4,090	71	960	8.2	739.6	735.72	736.5	0.8
K	4,831	69	1,045	7.5	739.6	737.52	738.4	0.9
L	5,724	75	1,025	7.7	739.6	740.12	740.7	0.6
M	6,142	136	823	9.6	753.6	753.6	754.0	0.4
N	6,197	151	1,790	4.4	756.0	756.0	757.0	1.0
O	6,479	743	9,082	0.9	756.4	756.4	757.3	0.9
P	6,924	536	6,550	1.2	756.4	756.4	757.3	0.9
Q	7,453	857	10,506	0.8	756.4	756.4	757.3	0.9
R	7,827	588	7,202	1.1	756.4	756.4	757.3	0.9
S	8,353	407	4,978	1.6	756.4	756.4	757.3	0.9
Y	8,785	278	3,147	2.6	756.4	756.4	757.3	0.9
U	9,049	321	3,931	2.1	756.4	756.4	757.3	0.9
V	9,520	355	2,826	2.9	756.4	756.4	757.3	0.9
W	10,590	180	1,098	7.4	756.7	756.7	757.5	0.8

<sup>1</sup>Feet above confluence with the Chattahoochee River

<sup>2</sup>Elevation computed without consideration of backwater effects from Chattahoochee River

TABLE 24	<b>FEDERAL EMERGENCY MANAGEMENT AGENCY</b> <b>DOUGLAS COUNTY, GA</b> <b>AND INCORPORATED AREAS</b>	<b>FLOODWAY DATA</b>
		<b>FLOODING SOURCE: BEAR CREEK</b>

LOCATION		FLOODWAY			1% ANNUAL CHANCE FLOOD WATER SURFACE ELEVATION (FEET NAVD88)			
CROSS SECTION	DISTANCE <sup>1</sup>	WIDTH (FEET)	SECTION AREA (SQ. FEET)	MEAN VELOCITY (FEET/SEC)	REGULATORY	WITHOUT FLOODWAY	WITH FLOODWAY	INCREASE
X	11,411	451	2,852	2.8	761.3	761.3	762.2	0.9
Y	11,802	300	1,983	2.0	762.1	762.1	763.1	1.0
Z	12,284	80	478	8.3	764.4	764.4	765.2	0.8
AA	12,300	80	544	7.3	764.9	764.9	765.9	1.0
AB	13,277	85	423	9.4	771.5	771.5	772.3	0.8
AC	13,776	250	1,160	3.3	776.1	776.1	776.9	0.8
AD	14,632	225	670	5.7	778.8	778.8	779.2	0.4
AE	15,479	129	453	8.4	784.5	784.5	784.7	0.2
AF	16,476	51	283	13.5	807.5	807.5	807.5	0.0
AG	16,810	55	295	12.9	813.4	813.4	813.4	0.0
AH	17,119	134	492	7.5	818.6	818.6	818.9	0.3
AI	17,258	88	371	10.0	820.9	820.9	820.9	0.0
AJ	17,531	78	490	7.2	824.2	824.2	824.2	0.0
AK	17,833	80	404	8.8	825.7	825.7	825.7	0.0
AL	18,154	72	324	10.9	831.2	831.2	831.2	0.0
AM	18,642	40	390	9.1	836.8	836.8	836.8	0.0
AN	18,979	55	341	10.4	839.0	839.0	839.1	0.1
AO	19,812	76	323	11.0	853.7	853.7	853.7	0.0
AP	20,991	47	258	13.7	918.6	918.6	918.6	0.0
AQ	21,064	51	513	7.2	926.7	926.7	926.7	0.0
AR	21,510	250	2,262	1.6	927.7	927.7	927.7	0.0
AS	22,323	220	1,435	26	927.8	927.8	927.9	0.1
AT	22,795	75	424	8.7	927.8	927.8	927.9	0.1

<sup>1</sup>Feet above confluence with Chattahoochee River

TABLE 24	<b>FEDERAL EMERGENCY MANAGEMENT AGENCY</b> <b>DOUGLAS COUNTY, GA</b> <b>AND INCORPORATED AREAS</b>	<b>FLOODWAY DATA</b>
		<b>FLOODING SOURCE: BEAR CREEK</b>

LOCATION		FLOODWAY			1% ANNUAL CHANCE FLOOD WATER SURFACE ELEVATION (FEET NAVD88)			
CROSS SECTION	DISTANCE <sup>1</sup>	WIDTH (FEET)	SECTION AREA (SQ. FEET)	MEAN VELOCITY (FEET/SEC)	REGULATORY	WITHOUT FLOODWAY	WITH FLOODWAY	INCREASE
AU	23,748	100	579	6.4	932.9	932.9	933.6	0.7
AV	24,304	144	727	4.5	935.9	935.9	936.0	0.1
AW	25,058	180	895	3.7	938.0	938.0	938.6	0.6
AX	25,664	211	597	5.5	941.2	941.2	941.2	0.0
AY	25,674	221	1,097	3.0	943.1	943.1	943.8	0.7
AZ	26,150	150	793	4.1	943.9	943.9	944.6	0.7
BA	26,634	125	605	5.4	944.9	944.9	945.8	0.9
BB	27,390	170	685	4.8	948.4	948.4	949.1	0.7
BC	28,011	110	751	4.4	952.1	952.1	953.0	0.9
BD	28,711	41	192	6.5	954.0	954.0	954.8	0.8
BE	29,085	38	158	7.9	956.1	956.1	956.3	0.2
BF	29,247	162	270	4.6	958.3	958.3	958.3	0.0
BG	30,033	35	118	10.6	970.0	970.0	970.0	0.0
BH	30,173	41	300	4.2	980.7	980.7	980.7	0.0
BI	30,554	200	1,540	0.8	981.1	981.1	981.1	0.0
BJ	31,052	119	215	5.8	981.1	981.1	981.1	0.0
BK	31,110	200	507	2.5	983.3	983.3	983.5	0.2
BL	31,527	200	212	5.9	1,000.7	1,000.7	1,000.7	0.0
BM	31,641	403	4,528	0.3	1,001.3	1,001.3	1,001.3	0.0
BN	32,107	384	4,289	0.3	1,001.3	1,001.3	1,001.3	0.0
BO	32,508	186	1,074	1.2	1,001.3	1,001.3	1,001.3	0.0
BP	33,097	30	125	10.0	1,001.7	1,001.7	1,001.7	0.0
BQ	33,151	80	433	2.9	1,006.8	1,006.8	1,007.7	0.9
BR	33,790	119	606	2.1	1,007.5	1,007.5	1,008.4	0.9

<sup>1</sup>Feet above confluence with Chattahoochee River

TABLE 24

FEDERAL EMERGENCY MANAGEMENT AGENCY

DOUGLAS COUNTY, GA

AND INCORPORATED AREAS

FLOODWAY DATA

FLOODING SOURCE: BEAR CREEK

LOCATION		FLOODWAY			1% ANNUAL CHANCE FLOOD WATER SURFACE ELEVATION (FEET NAVD88)			
CROSS SECTION	DISTANCE <sup>1</sup>	WIDTH (FEET)	SECTION AREA (SQ. FEET)	MEAN VELOCITY (FEET/SEC)	REGULATORY	WITHOUT FLOODWAY	WITH FLOODWAY	INCREASE
BS	34,485	64	205	6.1	1,012.0	1,012.0	1,012.8	0.8
BT	34,560	90	392	3.2	1,015.6	1,015.6	1,016.5	0.9
BU	35,144	30	111	11.3	1,024.1	1,024.1	1,024.1	0.0
BV	35,214	61	454	2.8	1,031.0	1,031.0	1,031.9	0.9
BW	35,869	36	121	10.4	1,040.2	1,040.2	1,040.2	0.0
BX	36,504	57	177	7.1	1,048.3	1,048.3	1,048.7	0.4
BY	36,534	57	311	4.0	1,051.5	1,051.5	1,052.5	1.0
BZ	37,091	51	197	6.4	1,058.0	1,058.0	1,058.7	0.7
CA	37,863	50	167	5.0	1,067.0	1,067.0	1,067.8	0.8
CB	38,644	55	142	5.8	1,075.3	1,075.3	1,076.3	1.0
CC	39,440	27	95	8.7	1,087.5	1,087.5	1,088.0	0.0
CD	40,010	29	108	7.7	1,094.7	1,094.7	1,095.1	0.4
CE	40,269	50	138	6.0	1,098.0	1,098.0	1,098.6	0.6
CF	40,340	50	253	3.3	1,101.3	1,101.3	1,102.2	0.9
CG	40,754	48	97	8.5	1,107.1	1,107.1	1,107.1	0.0
CH	40,816	70	225	3.7	1,109.7	1,109.7	1,110.2	0.5
CI	41,155	28	82	10.1	1,115.1	1,115.1	1,115.1	0.0
CJ	41,222	55	283	2.9	1,119.0	1,119.0	1,119.9	0.9
CK	41,245	78	284	2.9	1,119.0	1,119.0	1,119.9	0.9
CL	41,262	87	259	3.2	1,119.0	1,119.0	1,119.9	0.9
CM	41,359	20	75	11.1	1,120.2	1,120.2	1,120.2	0.0
CN	41,557	22	78	10.7	1,122.6	1,122.6	1,123.5	0.9
CO	41,813	15	68	12.2	1,128.3	1,128.3	1,129.1	0.8

<sup>1</sup>Feet above confluence with Chattahoochee River

TABLE 24

FEDERAL EMERGENCY MANAGEMENT AGENCY

DOUGLAS COUNTY, GA

AND INCORPORATED AREAS

FLOODWAY DATA

FLOODING SOURCE: BEAR CREEK

LOCATION		FLOODWAY			1% ANNUAL CHANCE FLOOD WATER SURFACE ELEVATION (FEET NAVD88)			
CROSS SECTION	DISTANCE <sup>1</sup>	WIDTH (FEET)	SECTION AREA (SQ. FEET)	MEAN VELOCITY (FEET/SEC)	REGULATORY	WITHOUT FLOODWAY	WITH FLOODWAY	INCREASE
<b>BEAR CREEK TRIBUTARY A</b>								
A	211	72	791	0.7	739.1	733.8 <sup>2</sup>	734.2	0.4
B	1,191	11	38	10.5	751.5	751.5	752.0	0.5
<b>BEAR CREEK TRIBUTARY B</b>								
A	119	32	229	1.3	740.9	735.2	736.0	0.8
B	1,081	22	38	7.9	757.8	757.8	757.8	0.0
C	1,302	85	1,323	0.2	779.9	779.9	780.9	1.0
D	1,733	11	35	8.5	780.0	780.0	780.3	0.3
<b>BEAR CREEK TRIBUTARY C</b>								
A	173	264	3,208	0.2	756.4	756.4	757.3	0.9
B	1,398	23	81	8.6	763.1	763.1	763.6	0.5
C	2,151	25	75	9.3	776.4	776.4	776.5	0.1
D	2,196	58	193	3.6	779.0	779.0	780.0	1.0
E	2,571	24	106	6.6	782.2	782.2	782.9	0.7

<sup>1</sup>Feet above confluence with Bear Creek

<sup>2</sup>Elevation computed without consideration of backwater effects from Chattahoochee River

TABLE 24	<b>FEDERAL EMERGENCY MANAGEMENT AGENCY</b>  <b>DOUGLAS COUNTY, GA</b>  <b>AND INCORPORATED AREAS</b>	<b>FLOODWAY DATA</b>  <b>FLOODING SOURCE: BEAR CREEK TRIBUTARY A- BEAR CREEK TRIBUTARY B- BEAR CREEK TRIBUTARY C</b>
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LOCATION		FLOODWAY			1% ANNUAL CHANCE FLOOD WATER SURFACE ELEVATION (FEET NAVD88)			
CROSS SECTION	DISTANCE <sup>1</sup>	WIDTH (FEET)	SECTION AREA (SQ. FEET)	MEAN VELOCITY (FEET/SEC)	REGULATORY	WITHOUT FLOODWAY	WITH FLOODWAY	INCREASE
<b>BEAR CREEK TRIBUTARY D</b>								
A	195	32	185	3.3	761.9	761.9	762.8	0.9
B	689	16	45	9.4	768.5	768.5	768.5	0.0
C	1,245	15	52	8.1	796.7	796.7	797.1	0.4
D	1,352	15	190	2.2	810.7	810.7	811.4	0.7
E	1,399	160	1,350	0.3	810.7	810.7	811.5	0.8
F	1,499	95	386	1.1	813.4	813.4	813.4	0.0
G	1,862	20	68	6.2	819.6	819.6	820.5	0.9
<b>BEAR CREEK TRIBUTARY E</b>								
A	214	25	117	2.3	775.2	775.2	776.1	0.9
B	1,176	135	63	3.9	824.5	824.5	824.5	0.0
C	1,269	217	1,212	0.2	824.7	824.7	824.7	0.0
D	1,728	234	1,316	0.2	824.7	824.7	824.7	0.0
E	2,140	18	32	7.5	826.8	826.8	826.8	0.0

<sup>1</sup>Feet above confluence with Bear Creek

TABLE 24

FEDERAL EMERGENCY MANAGEMENT AGENCY

**DOUGLAS COUNTY, GA**

AND INCORPORATED AREAS

**FLOODWAY DATA**

**FLOODING SOURCE: BEAR CREEK TRIBUTARY D- BEAR CREEK TRIBUTARY E**

LOCATION		FLOODWAY			1% ANNUAL CHANCE FLOOD WATER SURFACE ELEVATION (FEET NAVD88)			
CROSS SECTION	DISTANCE <sup>1</sup>	WIDTH (FEET)	SECTION AREA (SQ. FEET)	MEAN VELOCITY (FEET/SEC)	REGULATORY	WITHOUT FLOODWAY	WITH FLOODWAY	INCREASE
A	166	18	81	10.8	819.2	819.2	819.6	0.4
B	1,064	24	72	9.8	835.8	835.8	835.8	0.0
C	1,438	13	63	11.1	844.4	844.4	844.5	0.1
D	2,455	66	129	5.5	861.2	861.2	861.4	0.2
E	2,511	70	450	1.6	871.6	871.6	872.5	0.9
F	3,079	50	105	6.7	885.0	885.0	885.0	0.0
G	3,210	50	650	1.1	900.1	900.1	901.0	0.9
H	3,545	11	56	12.6	900.9	900.9	901.2	0.3

<sup>1</sup>Feet above confluence with Bear Creek

TABLE 24

FEDERAL EMERGENCY MANAGEMENT AGENCY

**DOUGLAS COUNTY, GA**

AND INCORPORATED AREAS

**FLOODWAY DATA**

**FLOODING SOURCE: BEAR CREEK TRIBUTARY F**

LOCATION		FLOODWAY			1% ANNUAL CHANCE FLOOD WATER SURFACE ELEVATION (FEET NAVD88)			
CROSS SECTION	DISTANCE <sup>1</sup>	WIDTH (FEET)	SECTION AREA (SQ. FEET)	MEAN VELOCITY (FEET/SEC)	REGULATORY	WITHOUT FLOODWAY	WITH FLOODWAY	INCREASE
A	278	20	45	8.2	834.4	834.4	834.4	0.0
B	1,251	17	42	8.8	899.7	899.7	899.7	0.0
C	2,080	38	54	6.8	937.0	937.0	937.0	0.0
D	2,542	31	44	8.2	957.0	957.0	957.0	0.0
E	2,624	32	256	1.4	964.1	964.1	965.1	1.0
F	2,917	13	38	9.6	967.0	967.0	967.2	0.2

<sup>1</sup>Feet above confluence with Bear Creek

TABLE 24

FEDERAL EMERGENCY MANAGEMENT AGENCY

**DOUGLAS COUNTY, GA**

AND INCORPORATED AREAS

**FLOODWAY DATA**

**FLOODING SOURCE: BEAR CREEK TRIBUTARY G**

LOCATION		FLOODWAY			1% ANNUAL CHANCE FLOOD WATER SURFACE ELEVATION (FEET NAVD88)			
CROSS SECTION	DISTANCE <sup>1</sup>	WIDTH (FEET)	SECTION AREA (SQ. FEET)	MEAN VELOCITY (FEET/SEC)	REGULATORY	WITHOUT FLOODWAY	WITH FLOODWAY	INCREASE
A	3,602	833	19,732	0.2	897.3	897.3	897.3	0.0
B	5,416	1,161	14,393	0.3	897.3	897.3	897.3	0.0
C	7,889	672	5,479	3.5	897.3	897.3	897.3	0.0
D	8,471	200	1,767	7.9	899.3	899.3	899.4	0.1
E	10,259	490	4,222	3.4	903.0	903.0	903.0	0.0
F	12,247	48	377	16.1	911.0	911.0	911.0	0.0
G	14,036	598	6,747	1.0	914.3	914.3	914.3	0.0
H	15,882	203	2,636	2.6	926.3	926.3	926.9	0.6
I	17,220	486	2,947	0.6	926.6	926.6	927.4	0.8
J	18,800	412	1,001	1.8	935.1	935.1	935.1	0.0
K	20,488	100	358	10.3	947.1	947.1	947.5	0.4
L	21,661	149	346	10.4	959.0	959.0	959.1	0.1
M	22,643	21	53	9.0	967.9	967.9	967.9	0.0
N	23,505	22	53	9.8	981.0	981.0	981.0	0.0
O	24,129	73	105	7.9	996.0	996.0	996.4	0.4

<sup>1</sup>Feet above confluence with Sweetwater Creek

TABLE 24

FEDERAL EMERGENCY MANAGEMENT AGENCY

DOUGLAS COUNTY, GA

AND INCORPORATED AREAS

FLOODWAY DATA

FLOODING SOURCE: BEAVER CREEK

LOCATION		FLOODWAY			1% ANNUAL CHANCE FLOOD WATER SURFACE ELEVATION (FEET NAVD88)			
CROSS SECTION	DISTANCE <sup>1</sup>	WIDTH (FEET)	SECTION AREA (SQ. FEET)	MEAN VELOCITY (FEET/SEC)	REGULATORY	WITHOUT FLOODWAY	WITH FLOODWAY	INCREASE
A	1,024	111	147	1.9	916.6	916.6	916.6	0.0
B	1,978	316	2,638	0.1	942.0	942.0	924.0	0.0
C	2,391	149	460	1.1	950.6	950.6	950.6	0.0

<sup>1</sup>Feet above confluence with Beaver Creek

TABLE 24

FEDERAL EMERGENCY MANAGEMENT AGENCY

**DOUGLAS COUNTY, GA**

AND INCORPORATED AREAS

**FLOODWAY DATA**

**FLOODING SOURCE: BEAVER CREEK TRIBUTARY A**

LOCATION		FLOODWAY			1% ANNUAL CHANCE FLOOD WATER SURFACE ELEVATION ( FEET NAVD88)			
CROSS SECTION	DISTANCE <sup>1</sup>	WIDTH (FEET)	SECTION AREA (SQ. FEET)	MEAN VELOCITY (FEET/ SEC)	REGULATORY	WITHOUT FLOODWAY	WITH FLOODWAY	INCREASE
A	448	262	301	4.1	945.4	944.9 <sup>2</sup>	944.9	0.0
B	2,067	44	201	6.1	960.4	960.4	961.4	1.0
C	3,703	20	116	10.5	983.1	983.1	983.3	0.2
D	5,502	24	51	8.1	1,015.6	1,015.6	1,015.7	0.1

<sup>1</sup>Feet above confluence with Mobley Creek

<sup>2</sup>Elevation computed without consideration of backwater effects from Mobley Creek

TABLE 24

FEDERAL EMERGENCY MANAGEMENT AGENCY  
**DOUGLAS COUNTY, GA**  
 AND INCORPORATED AREAS

**FLOODWAY DATA**

**FLOODING SOURCE: BEREA CREEK**

LOCATION		FLOODWAY			1% ANNUAL CHANCE FLOOD WATER SURFACE ELEVATION ( FEET NAVD88)			
CROSS SECTION	DISTANCE <sup>1</sup>	WIDTH (FEET)	SECTION AREA (SQ. FEET)	MEAN VELOCITY (FEET/ SEC)	REGULATORY	WITHOUT FLOODWAY	WITH FLOODWAY	INCREASE
A	380	199	493	5.1	923.8	915.5 <sup>2</sup>	915.5	0.0
B	2,045	87	347	7.3	923.8	923.7 <sup>2</sup>	923.7	0.0
C	3,668	42	283	8.9	931.8	931.8	932.5	0.7
D	5,247	119	519	4.8	939.8	939.8	940.6	0.8
E	6,880	44	256	9.8	945.7	945.7	946.2	0.5
F	8,169	72	275	7.1	951.4	951.4	952.3	0.9
G	10,040	540	2,032	1.0	967.5	967.5	967.5	0.0
H	11,285	47	248	7.9	974.5	974.5	975.4	0.9
I	13,150	438	1,126	1.5	990.0	990.0	990.0	0.0
J	14,708	88	349	4.8	1,003.8	1,003.8	1,004.8	1.0
K	16,661	51	198	5.8	1,024.1	1,024.1	1,024.9	0.8
L	18,089	23	115	5.8	1,041.1	1,041.1	1,041.9	0.8
M	19,702	101	133	5.0	1,064.0	1,064.0	1,064.2	0.2
N	21,141	44	82	4.7	1,081.7	1,081.7	1,081.7	0.0
O	22,592	58	134	2.6	1,109.2	1,109.2	1,109.7	0.5
P	24,134	20	38	7.7	1,134.0	1,134.0	1,134.0	0.0
Q	25,252	218	1,001	0.5	1,162.6	1,162.6	1,162.6	0.0

<sup>1</sup>Feet above confluence with Dog River

<sup>2</sup> Elevation computed without consideration of backwater effects from Dog River

TABLE 24

FEDERAL EMERGENCY MANAGEMENT AGENCY

DOUGLAS COUNTY, GA

AND INCORPORATED AREAS

FLOODWAY DATA

FLOODING SOURCE: BILLY CREEK

LOCATION		FLOODWAY			1% ANNUAL CHANCE FLOOD WATER SURFACE ELEVATION ( FEET NAVD88)			
CROSS SECTION	DISTANCE <sup>1</sup>	WIDTH (FEET)	SECTION AREA (SQ. FEET)	MEAN VELOCITY (FEET/ SEC)	REGULATORY	WITHOUT FLOODWAY	WITH FLOODWAY	INCREASE
A	324	215	713	2.9	955.5	949.4 <sup>2</sup>	950.3	0.9
B	2,206	96	336	6.2	956.7	956.7	957.5	0.8
C	3,719	153	635	2.1	966.3	966.3	967.3	1.0
D	5,239	18	116	11.5	990.9	990.9	991.1	0.2
E	6,996	60	246	4.8	1,009.4	1,009.4	1,010.0	0.6
F	8,467	110	246	4.8	1,027.4	1,027.4	1,027.6	0.2
G	10,090	30	115	5.7	1,041.5	1,041.5	1,042.3	0.8
H	11,751	35	84	7.7	1,059.1	1,059.1	1,059.1	0.0
I	13,062	80	91	3.6	1,074.8	1,074.8	1,074.9	0.1
J	14,713	508	5,457	0.1	1,109.2	1,108.1	1,108.1	0.0

<sup>1</sup>Feet above confluence with Mobley Creek

<sup>2</sup>Elevation computed without consideration of backwater effects from Mobley Creek

TABLE 24

FEDERAL EMERGENCY MANAGEMENT AGENCY  
**DOUGLAS COUNTY, GA**  
 AND INCORPORATED AREAS

**FLOODWAY DATA**

**FLOODING SOURCE: BOATWRIGHT CREEK**

LOCATION		FLOODWAY			1% ANNUAL CHANCE FLOOD WATER SURFACE ELEVATION ( FEET NAVD88)			
CROSS SECTION	DISTANCE <sup>1</sup>	WIDTH (FEET)	SECTION AREA (SQ. FEET)	MEAN VELOCITY (FEET/ SEC)	REGULATORY	WITHOUT FLOODWAY	WITH FLOODWAY	INCREASE
<b>BOATWRIGHT TRIBUTARY A</b>								
A	769	31	106	8.2	971.0	971.0	971.7	0.7
B	2,275	14	69	12.6	992.9	992.9	993.3	0.4
C	3,344	11	67	13.0	1,015.6	1,015.6	1,016.2	0.6
D	4,545	10	55	11.2	1,043.8	1,043.8	1,044.7	0.9
<b>BOATWRIGHT TRIBUTARY B</b>								
A	485 1,394	39	63	6.7	998.9	998.9	998.9	0.0
B		7	35	12.1	1,020.1	1,020.1	1,020.9	0.8
<b>BOATWRIGHT TRIBUTARY C</b>								
A								

<sup>1</sup>Feet above confluence with Boatwright Creek

TABLE 24	<b>FEDERAL EMERGENCY MANAGEMENT AGENCY</b> <b>DOUGLAS COUNTY, GA</b> <b>AND INCORPORATED AREAS</b>	<b>FLOODWAY DATA</b> <b>FLOODING SOURCE: BOATWRIGHT TRIBUTARY A - BOATWRIGHT TRIBUTARY B - BOATWRIGHT TRIBUTARY C</b>
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LOCATION		FLOODWAY			1% ANNUAL CHANCE FLOOD WATER SURFACE ELEVATION (FEET NAVD88)			
CROSS SECTION	DISTANCE <sup>1</sup>	WIDTH (FEET)	SECTION AREA (SQ. FEET)	MEAN VELOCITY (FEET/SEC)	REGULATORY	WITHOUT FLOODWAY	WITH FLOODWAY	INCREASE
A	3,051	100	619	1.1	896.4	896.4	896.4	0.0
B	3,791	16	61	11.4	896.4	896.4	896.4	0.0
C	4,220	20	79	8.8	902.0	902.0	902.0	0.0
D	5,062	45	354	2.0	921.8	921.8	922.8	1.0
E	5,284	33	210	3.3	921.9	921.9	922.8	0.9
F	5,570	27	284	2.4	932.2	932.2	933.1	0.9
G	5,982	29	303	2.3	938.4	938.4	939.3	0.9
H	6,157	50	338	2.1	938.5	938.5	939.4	0.9

<sup>1</sup>Feet above confluence with Sweetwater Creek

TABLE 24

FEDERAL EMERGENCY MANAGEMENT AGENCY  
**DOUGLAS COUNTY, GA**  
 AND INCORPORATED AREAS

**FLOODWAY DATA**

**FLOODING SOURCE: BOMAR BRANCH**

LOCATION		FLOODWAY			1% ANNUAL CHANCE FLOOD WATER SURFACE ELEVATION (FEET NAVD88)			
CROSS SECTION	DISTANCE <sup>1</sup>	WIDTH (FEET)	SECTION AREA (SQ. FEET)	MEAN VELOCITY (FEET/SEC)	REGULATORY	WITHOUT FLOODWAY	WITH FLOODWAY	INCREASE
<b>BRIGHT STAR CREEK</b>								
A	368 <sup>1</sup>	43	223	6.2	1,039.4	1,039.4	1,040.4	1.0
B	1,491 <sup>1</sup>	25	51	8.3	1,065.5	1,065.5	1,065.6	0.1
C	2,249 <sup>1</sup>	46	78	5.4	1,079.2	1,079.2	1,079.2	0.0
D	3,432 <sup>1</sup>	43	71	5.9	1,105.2	1,105.2	1,105.2	0.0
<b>CAINE CREEK</b>								
A	406 <sup>2</sup>	29	87	10.0	774.1	774.1	774.1	0.0
B	1,892 <sup>2</sup>	26	112	7.8	818.7	818.7	819.7	1.0
C	3,391 <sup>2</sup>	80	144	5.8	871.1	871.1	871.1	0.0
D	4,965 <sup>2</sup>	95	155	5.3	899.4	899.4	899.4	0.0
E	6,593 <sup>2</sup>	10	40	11.4	933.6	933.6	933.6	0.0

<sup>1</sup>Feet above confluence with Mobley Creek

<sup>2</sup>Feet above confluence with Dog River

TABLE 24

FEDERAL EMERGENCY MANAGEMENT AGENCY

**DOUGLAS COUNTY, GA**

AND INCORPORATED AREAS

**FLOODWAY DATA**

**FLOODING SOURCE: BRIGHT STAR CREEK-CAINE CREEK**

LOCATION		FLOODWAY			1% ANNUAL CHANCE FLOOD WATER SURFACE ELEVATION (FEET NAVD88)			
CROSS SECTION	DISTANCE	WIDTH (FEET)	SECTION AREA (SQ. FEET)	MEAN VELOCITY (FEET/SEC)	REGULATORY	WITHOUT FLOODWAY	WITH FLOODWAY	INCREASE
<b>CAMP BRANCH</b>								
A	878 <sup>1</sup>	50	208	6.5	975.0	975.0	975.6	0.6
B	1,961 <sup>1</sup>	58	199	6.5	986.7	986.7	986.8	0.1
C	3,222 <sup>1</sup>	32	129	10.0	1,002.8	1,002.8	1,003.5	0.7
D	5,023 <sup>1</sup>	87	210	4.6	1,023.8	1,023.8	1,024.2	0.4
E	6,418 <sup>1</sup>	48	112	6.4	1,035.6	1,035.6	1,035.6	0.0
F	7,679 <sup>1</sup>	15	63	8.1	1,056.0	1,056.0	1,056.6	0.6
<b>CAMP BRANCH TRIBUTARY A</b>								
A	469 <sup>2</sup>	18	28	7.8	1,056.6	1,056.6	1,056.6	0.0

<sup>1</sup> Feet above confluence with Hurricane Creek  
<sup>2</sup> Feet above confluence with Camp Branch

TABLE 24	FEDERAL EMERGENCY MANAGEMENT AGENCY <b>DOUGLAS COUNTY, GA</b> AND INCORPORATED AREAS	<b>FLOODWAY DATA</b>
		<b>FLOODING SOURCE: CAMP BRANCH-CAMP BRANCH TRIBUTARY A</b>

LOCATION		FLOODWAY			1% ANNUAL CHANCE FLOOD WATER SURFACE ELEVATION (FEET NAVD88)			
CROSS SECTION	DISTANCE	WIDTH (FEET)	SECTION AREA (SQ. FEET)	MEAN VELOCITY (FEET/SEC)	REGULATORY	WITHOUT FLOODWAY	WITH FLOODWAY	INCREASE
<b>CHAPEL FARMS CREEK</b>								
A	755 <sup>1</sup>	141	635	5.9	772.2	772.2	773.1	0.9
B	1,877 <sup>1</sup>	56	182	9.3	801.8	801.8	801.8	0.0
C	2,670 <sup>1</sup>	92	278	6.1	852.7	852.7	852.9	0.2
D	3,462 <sup>1</sup>	24	143	11.8	871.7	871.7	872.1	0.4
E	4,281 <sup>1</sup>	28	133	9.6	884.7	884.7	884.9	0.2
F	4,808 <sup>1</sup>	27	111	11.5	888.3	888.3	888.3	0.0
G	4,907 <sup>1</sup>	31	227	5.7	896.4	896.4	896.4	0.0
H	5,801 <sup>1</sup>	130	376	3.4	899.6	899.6	900.6	1.0
I	6,604 <sup>1</sup>	50	179	7.1	906.4	906.4	907.3	0.9
J	7,329 <sup>1</sup>	46	202	3.0	916.6	916.6	917.6	1.0
<b>CHAPEL FARMS CREEK TRIBUTARY A</b>								
A	396 <sup>2</sup>	14	55	7.9	913.5	913.5	913.8	0.3
B	1,020 <sup>2</sup>	28	102	4.3	920.4	920.4	921.3	0.9

<sup>1</sup>Feet above confluence with Anneewakee Creek  
<sup>2</sup>Feet above confluence with Chapel Farms Creek

TABLE 24	<b>FEDERAL EMERGENCY MANAGEMENT AGENCY</b>  <b>DOUGLAS COUNTY, GA</b>  <b>AND INCORPORATED AREAS</b>	<b>FLOODWAY DATA</b>  <b>FLOODING SOURCE: CHAPEL FARMS CREEK- CHAPEL FARMS CREEK TRIBUTARY A</b>
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LOCATION		FLOODWAY			1% ANNUAL CHANCE FLOOD WATER SURFACE ELEVATION (FEET NAVD88)			
CROSS SECTION	DISTANCE <sup>1</sup>	WIDTH <sup>2</sup> (FEET)	SECTION AREA (SQ. FEET)	MEAN VELOCITY (FEET/SEC)	REGULATORY	WITHOUT FLOODWAY	WITH FLOODWAY	INCREASE
BC	69.9	344/530	12,122	4.9	730.6	730.6	731.3	0.7
BD	70.2	653/855	16,613	3.6	731.6	731.6	732.2	0.6
BE	71.0	1,050/1,200	19,551	3.1	732.9	732.9	733.9	1.0
BF	73.0	814/1,100	19,767	2.9	736.5	736.5	737.5	0.9
BG	73.8	1,240/1,834	28,706	2.0	737.8	737.8	738.6	0.9
BH	74.2	846/1,376	20,884	2.7	738.3	738.3	739.1	0.9
BI	76.2	1,780/1,970	24,149	2.3	741.3	741.3	742.2	0.9
BJ	76.9	702/1,400	23,409	2.4	742.4	742.4	743.3	1.0
BK	77.2	251/1,195	20,160	2.8	742.6	742.6	743.5	0.9
BL	77.6	416/900	17,145	3.3	743.2	743.2	744.1	0.8
BM	78.3	287/1,200	19,444	2.9	745.1	745.1	745.9	0.9
BN	78.6	179/1,200	21,306	2.6	745.5	745.5	746.4	0.9
BO	79.9	566/1,200	22,679	2.5	747.1	747.1	748.1	0.9
BP	80.9	540/806	17,191	3.1	748.5	748.5	749.3	0.9
BQ	81.1	449/679	17,792	3.0	748.9	748.9	749.7	0.8
BR	82.8	879/1,915	30,758	1.7	750.6	750.6	751.5	0.9
BS	83.7	160/924	14,332	3.6	751.4	751.4	752.3	1.0
BT	84.0	316/725	14,956	3.5	752.1	752.1	753.0	0.9
BU	84.3	848/848	17,266	3.0	752.6	752.6	753.4	0.8
BV	85.4	500/825	16,559	3.1	754.0	754.0	754.9	0.9
BW	85.7	81/887	19,053	2.7	754.6	754.6	755.3	0.8
BX	87.0	502/1,637	31,322	1.7	755.7	755.7	756.6	0.8
BY	88.1	793/1,041	18,236	2.4	756.5	756.5	757.4	0.8

<sup>1</sup>Miles above West Lake Dam

<sup>2</sup>Width within county/Total width

TABLE 24

FEDERAL EMERGENCY MANAGEMENT AGENCY

DOUGLAS COUNTY, GA

AND INCORPORATED AREAS

FLOODWAY DATA

FLOODING SOURCE: CHATTAHOOCHEE RIVER

LOCATION		FLOODWAY			1% ANNUAL CHANCE FLOOD WATER SURFACE ELEVATION (FEET NAVD88)			
CROSS SECTION	DISTANCE <sup>1</sup>	WIDTH (FEET)	SECTION AREA (SQ. FEET)	MEAN VELOCITY (FEET/SEC)	REGULATORY	WITHOUT FLOODWAY	WITH FLOODWAY	INCREASE
A	501	20	62	9.5	816.2	816.2	817.1	0.9
B	995	25	85	6.9	821.4	821.4	821.8	0.4
C	1,009	25	83	7.1	822.3	822.3	822.3	0.0
D	1,564	11	53	11.1	829.4	829.4	829.8	0.4
E	2,053	15	53	11.0	856.1	856.1	856.1	0.0
F	2,126	16	54	10.9	857.3	857.3	857.3	0.0
G	2,768	17	50	9.8	860.2	860.2	860.2	0.0
H	2,917	96	367	1.3	865.6	865.6	866.4	0.8
I	3,525	58	107	4.6	886.9	886.9	886.9	0.0
J	3,599	197	1,596	0.3	887.6	887.6	888.1	0.5
K	4,118	388	3,142	0.2	887.6	887.6	888.1	0.5
L	4,468	234	1,894	0.3	887.6	887.6	888.1	0.5
M	5,206	10	43	11.4	927.7	927.7	927.7	0.0
N	5,325	377	4,496	0.1	929.4	929.4	929.9	0.5
O	5,591	271	3,165	0.2	929.4	929.4	929.9	0.5
P	5,971	401	4,763	0.1	929.4	929.4	929.9	0.5
Q	6,537	111	1,283	0.4	929.4	929.4	929.9	0.5
R	7,353	12	44	11.1	944.3	944.3	944.6	0.3

<sup>1</sup>Feet above confluence with Little Bear Creek

TABLE 24

FEDERAL EMERGENCY MANAGEMENT AGENCY

DOUGLAS COUNTY, GA

AND INCORPORATED AREAS

FLOODWAY DATA

FLOODING SOURCE: COURSEY CREEK

LOCATION		FLOODWAY			1% ANNUAL CHANCE FLOOD WATER SURFACE ELEVATION (FEET NAVD88)			
CROSS SECTION	DISTANCE <sup>1</sup>	WIDTH (FEET)	SECTION AREA (SQ. FEET)	MEAN VELOCITY (FEET/SEC)	REGULATORY	WITHOUT FLOODWAY	WITH FLOODWAY	INCREASE
A	339	52	500	17.9	937.9	934.0 <sup>2</sup>	934.0	0.0
B	1,897	135	1,308	6.8	942.6	942.6	943.4	0.8
C	3,158	146	1,736	5.1	946.5	946.5	947.0	0.5
D	4,794	349	3,750	2.4	949.0	949.0	949.6	0.6
E	6,129	294	2,867	2.1	950.0	950.0	950.9	0.9
F	7,784	93	679	8.7	950.1	950.1	950.9	0.8
G	9,212	190	974	6.1	953.2	953.2	954.2	1.0
H	11,090	178	917	6.1	958.1	958.1	958.9	0.8

<sup>1</sup>Feet above confluence with Dog River\*

<sup>2</sup>Elevation computed without consideration of backwater effects from Dog River

\*Confluence is 22 feet downstream of zero stationing

TABLE 24	<b>FEDERAL EMERGENCY MANAGEMENT AGENCY</b> <b>DOUGLAS COUNTY, GA</b> <b>AND INCORPORATED AREAS</b>	<b>FLOODWAY DATA</b> <b>FLOODING SOURCE: CRAWFISH CREEK</b>
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LOCATION		FLOODWAY			1% ANNUAL CHANCE FLOOD WATER SURFACE ELEVATION (FEET NAVD88)			
CROSS SECTION	DISTANCE <sup>1</sup>	WIDTH (FEET)	SECTION AREA (SQ. FEET)	MEAN VELOCITY (FEET/SEC)	REGULATORY	WITHOUT FLOODWAY	WITH FLOODWAY	INCREASE
A	968	305	1,337	2.5	875.1	875.1	876.1	1.0
B	2,264	120	691	4.8	878.6	878.6	879.6	1.0
C	3,115	424	1,948	1.7	882.8	882.8	883.8	1.0
D	3,151	270	1,286	2.6	882.8	882.8	883.8	1.0
E	4,164	130	510	6.6	884.5	884.5	885.5	1.0
F	5,318	177	792	4.5	889.0	889.0	889.7	0.7
G	6,373	200	892	4.0	892.7	892.7	893.7	1.0
H	6,434	200	1,439	2.5	896.2	896.2	897.1	0.9
I	7,697	125	613	4.3	898.0	898.0	899.0	1.0
J	8,501	170	661	4.0	900.3	900.3	901.1	0.8
K	8,842	190	413	9.6	902.1	902.1	902.3	0.2
L	8,926	190	1,571	1.7	908.5	908.5	908.8	0.3
M	9,490	192	1,402	1.7	908.7	908.7	909.0	0.3
N	10,414	68	468	5.1	913.9	913.9	914.1	0.2
O	10,684	30	251	8.7	913.9	913.9	914.5	0.6
P	11,275	50	302	7.2	917.8	917.8	918.7	0.9
Q	12,064	45	239	9.1	923.1	923.1	923.8	0.7
R	13,022	35	169	8.6	931.6	931.6	932.4	0.8
S	14,263	75	188	7.7	945.2	945.2	945.3	0.1
T	14,923	40	149	9.8	953.6	953.6	953.6	0.0

<sup>1</sup>Feet above confluence with Anneewakee Creek

TABLE 24	<b>FEDERAL EMERGENCY MANAGEMENT AGENCY</b> <b>DOUGLAS COUNTY, GA</b> <b>AND INCORPORATED AREAS</b>	<b>FLOODWAY DATA</b>
		<b>FLOODING SOURCE: CROOKED CREEK</b>

LOCATION		FLOODWAY			1% ANNUAL CHANCE FLOOD WATER SURFACE ELEVATION (FEET NAVD88)			
CROSS SECTION	DISTANCE <sup>1</sup>	WIDTH (FEET)	SECTION AREA (SQ. FEET)	MEAN VELOCITY (FEET/SEC)	REGULATORY	WITHOUT FLOODWAY	WITH FLOODWAY	INCREASE
U	14,991	65	468	3.1	960.2	960.2	960.8	0.6
V	16,278	55	181	8.0	967.6	967.6	967.6	0.0
W	17,433	60	173	6.4	983.1	983.1	984.0	0.9
X	18,249	113	232	4.8	1,000.4	1,000.4	1,000.4	0.0
Y	18,807	37	121	9.2	1,011.0	1,011.0	1,011.0	0.0
Z	18,874	37	455	2.4	1,020.7	1,020.7	1,021.5	0.8

<sup>1</sup>Feet above confluence with Anneewakee Creek

TABLE 24	<b>FEDERAL EMERGENCY MANAGEMENT AGENCY</b> <b>DOUGLAS COUNTY, GA</b> <b>AND INCORPORATED AREAS</b>	<b>FLOODWAY DATA</b>  <b>FLOODING SOURCE: CROOKED CREEK</b>
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LOCATION		FLOODWAY			1% ANNUAL CHANCE FLOOD WATER SURFACE ELEVATION (FEET NAVD88)			
CROSS SECTION	DISTANCE <sup>1</sup>	WIDTH (FEET)	SECTION AREA (SQ. FEET)	MEAN VELOCITY (FEET/SEC)	REGULATORY	WITHOUT FLOODWAY	WITH FLOODWAY	INCREASE
<b>CROOKED CREEK TRIBUTARY A</b>								
A	1,333	107	202	5.0	925.3	925.3	925.9	0.6
B	2,537	65	296	2.7	925.9	925.9	926.9	1.0
C	3,352	40	151	5.2	930.5	930.5	931.4	0.9
D	4,268	40	86	9.2	942.5	942.5	942.5	0.0
<b>CROOKED CREEK TRIBUTARY B</b>								
A	336	130	675	0.9	908.7	908.7	909.2	0.5
B	1,509	33	69	8.8	924.8	924.8	924.8	0.0
C	1,942	29	121	5.0	929.5	929.5	930.4	0.9
D	2,044	29	295	2.1	938.3	938.3	939.2	0.9
E	2,282	18	118	5.1	938.3	938.3	939.2	0.9

<sup>1</sup>Feet above confluence with Crooked Creek

TABLE 24	<b>FEDERAL EMERGENCY MANAGEMENT AGENCY</b> <b>DOUGLAS COUNTY, GA</b> <b>AND INCORPORATED AREAS</b>	<b>FLOODWAY DATA</b> <b>FLOODING SOURCE: CROOKED CREEK TRIBUTARY A- CROOKED CREEK TRIBUTARY B</b>
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	LOCATION		FLOODWAY			1% ANNUAL CHANCE FLOOD WATER SURFACE ELEVATION (FEET NAVD88)			
	CROSS SECTION	DISTANCE <sup>1</sup>	WIDTH (FEET)	SECTION AREA (SQ. FEET)	MEAN VELOCITY (FEET/SEC)	REGULATORY	WITHOUT FLOODWAY	WITH FLOODWAY	INCREASE
	<b>CROOKED CREEK TRIBUTARY C</b>								
	A	301	29	119	5.2	914.1	914.1	915.1	1.0
	B	980	37	244	2.5	924.3	924.3	925.2	0.9
	C	1,573	55	244	2.5	934.2	934.2	934.7	0.5
	D	1,965	24	95	6.5	934.4	934.4	934.8	0.4
	<b>CROOKED CREEK TRIBUTARY D</b>								
	A	114	20	110	4.2	930.9	930.9	931.8	0.9
	B	718	73	88	5.2	948.6	948.6	949.2	0.6
	C	802	310	2,998	0.2	948.8	948.8	949.8	1.0
	D	1,865	34	55	7.3	963.4	963.4	963.4	0.0
	E	1,944	357	3,294	0.1	964.3	964.3	964.3	0.0
	F	2,557	151	330	5.1	964.3	964.3	964.3	0.0
	G	2,604	129	315	1.3	968.0	968.0	968.1	0.1
	H	2,876	11	54	7.4	968.7	968.7	969.6	0.9

<sup>1</sup>Feet above confluence with Crooked Creek

TABLE 24	FEDERAL EMERGENCY MANAGEMENT AGENCY	<b>FLOODWAY DATA</b>
	<b>DOUGLAS COUNTY, GA</b>	
	AND INCORPORATED AREAS	<b>FLOODING SOURCE: CROOKED CREEK TRIBUTARY C- CROOKED CREEK TRIBUTARY D</b>

LOCATION		FLOODWAY			1% ANNUAL CHANCE FLOOD WATER SURFACE ELEVATION (FEET NAVD88)			
CROSS SECTION	DISTANCE <sup>1</sup>	WIDTH (FEET)	SECTION AREA (SQ. FEET)	MEAN VELOCITY (FEET/SEC)	REGULATORY	WITHOUT FLOODWAY	WITH FLOODWAY	INCREASE
A	1,028	65	157	3.7	904.7	902.6 <sup>2</sup>	903.5	0.9
B	1,468	40	131	4.4	906.7	906.7	907.2	0.5
C	2,029	40	106	5.4	911.8	911.8	912.1	0.3
D	2,061	40	170	3.4	913.6	913.6	914.5	0.9
E	2,354	34	113	5.1	914.8	914.8	915.2	0.4
F	2,600	455	6,489	0.1	946.0	946.0	946.0	0.0
G	2,902	646	10,271	0.1	946.0	946.0	946.0	0.0
H	3,745	330	5,215	0.1	946.0	946.0	946.0	0.0
I	4,210	88	164	4.2	946.0	946.0	946.0	0.0
J	5,284	63	117	5.9	963.2	963.2	963.3	0.1
K	6,342	25	111	6.3	984.9	984.9	985.5	0.6

<sup>1</sup>Feet above confluence with Anneewakee Creek

<sup>2</sup>Elevation computed without consideration of backwater effects from Anneewakee Creek

TABLE 24	<b>FEDERAL EMERGENCY MANAGEMENT AGENCY</b> <b>DOUGLAS COUNTY, GA</b> <b>AND INCORPORATED AREAS</b>	<b>FLOODWAY DATA</b>
		<b>FLOODING SOURCE: CROSSING BRANCH</b>

LOCATION		FLOODWAY			1% ANNUAL CHANCE FLOOD WATER SURFACE ELEVATION ( FEET NAVD88)			
CROSS SECTION	DISTANCE <sup>1</sup>	WIDTH (FEET)	SECTION AREA (SQ. FEET)	MEAN VELOCITY (FEET/ SEC)	REGULATORY	WITHOUT FLOODWAY	WITH FLOODWAY	INCREASE
A	1,329	361	5,447	4.0	735.3	728.6 <sup>2</sup>	728.7	0.1
B	3,173	703	11,817	1.8	764.0	764.0	764.0	0.0
C	11,007	591	8,121	2.7	764.2	764.2	764.2	0.0
D	14,270	445	6,303	3.4	764.4	764.4	764.4	0.0
E	17,847	238	1,461	14.7	769.8	769.8	769.8	0.0
F	19,439	182	1,662	12.9	794.8	794.8	794.8	0.0
G	21,149	153	1,325	15.6	816.3	816.2	816.3	0.1
H	23,191	92	1,291	16.0	829.3	829.3	829.9	0.6
I	25,679	200	1,353	15.2	839.2	839.2	839.2	0.0
J	26,911	234	2,429	8.4	850.4	850.4	850.4	0.0
K	28,788	115	1,508	13.5	855.6	855.6	855.7	0.1
L	30,440	78	1,068	19.1	864.6	864.6	864.7	0.1
M	31,944	229	2,655	7.6	872.5	872.5	873.5	1.0
N	34,237	87	1,513	9.7	883.2	883.2	883.8	0.6
O	35,870	131	1,523	9.6	887.0	887.0	887.8	0.8
P	37,353	112	1,085	13.5	890.1	890.1	890.7	0.6
Q	39,113	160	1,038	14.1	897.9	897.9	897.9	0.0
R	41,460	219	1,850	7.9	906.8	906.8	906.8	0.0
S	43,312	282	2,145	6.8	911.4	911.4	911.4	0.0
T	46,935	527	3,221	4.5	916.6	916.6	916.7	0.1
U	48,571	125	1,593	9.2	918.0	918.0	919.0	1.0
V	50,757	114	1,501	9.9	925.3	925.3	925.7	0.4

<sup>1</sup>Feet above confluence with Chattahoochee River

<sup>2</sup>Elevation computed without consideration of backwater effects from Chattahoochee River

TABLE 24

FEDERAL EMERGENCY MANAGEMENT AGENCY  
**DOUGLAS COUNTY, GA**  
 AND INCORPORATED AREAS

**FLOODWAY DATA**

**FLOODING SOURCE: DOG RIVER**

LOCATION		FLOODWAY			1% ANNUAL CHANCE FLOOD WATER SURFACE ELEVATION ( FEET NAVD88)			
CROSS SECTION	DISTANCE <sup>1</sup>	WIDTH (FEET)	SECTION AREA (SQ. FEET)	MEAN VELOCITY (FEET/ SEC)	REGULATORY	WITHOUT FLOODWAY	WITH FLOODWAY	INCREASE
W	52,757	464	4,344	3.5	929.6	929.6	930.2	0.6
X	54,537	176	2,051	7.4	931.9	931.9	932.2	0.3
Y	56,155	394	5,057	3.0	935.3	935.3	935.7	0.4
Z	58,344	883	8,365	1.9	936.5	936.5	936.9	0.4
AA	61,576	269	1,616	5.3	938.3	938.3	938.8	0.5
AB	63,418	280	3,627	2.4	946.7	946.7	947.0	0.3
AC	66,336	291	3,916	2.2	951.4	951.4	951.4	0.0
AD	68,729	555	3,543	0.7	951.8	951.8	951.9	0.1
AE	70,442	219	485	5.1	955.5	955.5	955.6	0.1
AF	72,097	324	764	3.3	963.5	963.5	963.8	0.3
AG	74,371	71	410	6.2	980.7	980.7	981.4	0.7

<sup>1</sup>Feet above confluence with Chattahoochee River

TABLE 24

FEDERAL EMERGENCY MANAGEMENT AGENCY  
**DOUGLAS COUNTY, GA**  
 AND INCORPORATED AREAS

**FLOODWAY DATA**

**FLOODING SOURCE: DOG RIVER**

LOCATION		FLOODWAY			1% ANNUAL CHANCE FLOOD WATER SURFACE ELEVATION (FEET NAVD88)			
CROSS SECTION	DISTANCE <sup>1</sup>	WIDTH (FEET)	SECTION AREA (SQ. FEET)	MEAN VELOCITY (FEET/SEC)	REGULATORY	WITHOUT FLOODWAY	WITH FLOODWAY	INCREASE
A	51	366 <sup>2</sup>	189	5.6	935.5	933.0 <sup>3</sup>	933.7	0.7
B	918	10	55	12.5	940.1	940.1	940.4	0.3
C	1,474	18	88	7.8	944.7	944.7	945.7	1.0
D	2,678	15	69	10.1	965.0	965.0	965.3	0.3
E	3,414	16	72	9.7	975.6	975.6	976.0	0.4
F	3,497	51	298	1.4	980.9	980.9	980.9	0.0
G	4,386	18	55	7.8	993.5	993.5	993.9	0.4
H	5,141	15	76	5.6	1,005.2	1,005.2	1,006.2	1.0
I	5,166	18	166	2.6	1,009.8	1,009.8	1,010.4	0.6
J	5,791	13	42	10.1	1,021.6	1,021.6	1,021.8	0.2
K	5,853	315	1,404	0.3	1,022.9	1,022.9	1,023.5	0.6
L	6,001	190	128	3.3	1,022.9	1,022.9	1,023.5	0.6
M	6,077	55	272	1.6	1,026.3	1,026.3	1,026.8	0.5
N	6,697	101	91	4.7	1,044.1	1,044.1	1,044.8	0.7
O	6,740	514	2,682	0.2	1,044.3	1,044.3	1,045.2	0.9
P	7,180	270	1,407	0.3	1,044.3	1,044.3	1,045.2	0.9
Q	7,467	24	118	3.6	1,044.3	1,044.3	1,045.2	0.9
R	7,562	47	321	1.3	1,050.6	1,050.6	1,051.5	0.9
S	7,788	21	120	3.6	1,050.6	1,050.6	1,051.5	0.9
T	7,883	44	438	1.0	1,058.7	1,058.7	1,059.6	0.9
U	7,966	117	980	0.4	1,058.7	1,058.7	1,059.7	1.0
V	7,989	117	967	0.4	1,058.7	1,058.7	1,059.7	1.0
W	8,271	36	136	3.1	1,058.7	1,058.7	1,059.7	1.0

<sup>1</sup>Feet above confluence with Bear Creek

<sup>2</sup>Includes combined floodway width with Bear Creek

<sup>3</sup>Elevation computed without consideration of backwater effects from Bear Creek

TABLE 24	<b>FEDERAL EMERGENCY MANAGEMENT AGENCY</b>  <b>DOUGLAS COUNTY, GA</b>  <b>AND INCORPORATED AREAS</b>	<b>FLOODWAY DATA</b>  <b>FLOODING SOURCE: DORSETT CREEK</b>

LOCATION		FLOODWAY			1% ANNUAL CHANCE FLOOD WATER SURFACE ELEVATION (FEET NAVD88)			
CROSS SECTION	DISTANCE <sup>1</sup>	WIDTH (FEET)	SECTION AREA (SQ. FEET)	MEAN VELOCITY (FEET/SEC)	REGULATORY	WITHOUT FLOODWAY	WITH FLOODWAY	INCREASE
A	338	58	210	8.3	868.4	868.4	868.6	0.2
B	1,760	66	237	8.3	886.7	886.7	886.9	0.2
C	3,133	348	1,031	2.0	912.6	912.6	912.6	0.0
D	4,633	95	1,077	1.9	930.9	930.9	931.8	0.9
E	6,019	8	70	16.8	954.7	954.7	955.1	0.4
F	7,740	21	113	9.3	1,005.5	1,005.5	1,006.1	0.6
G	9,578	169	347	3.0	1,034.2	1,034.2	1,034.3	0.1
H	11,155	10	80	13.1	1,064.2	1,064.2	1,065.0	0.8

<sup>1</sup>Feet above confluence with Flyblow Creek

TABLE 24

FEDERAL EMERGENCY MANAGEMENT AGENCY

**DOUGLAS COUNTY, GA**

AND INCORPORATED AREAS

**FLOODWAY DATA**

**FLOODING SOURCE: DOWNS CREEK**

LOCATION		FLOODWAY			1% ANNUAL CHANCE FLOOD WATER SURFACE ELEVATION (FEET NAVD88)			
CROSS SECTION	DISTANCE	WIDTH (FEET)	SECTION AREA (SQ. FEET)	MEAN VELOCITY (FEET/SEC)	REGULATORY	WITHOUT FLOODWAY	WITH FLOODWAY	INCREASE
<b>DRY CREEK</b>								
A	1,884 <sup>1</sup>	432	7,178	0.2	898.0	898.0	898.0	0.0
B	3,787 <sup>1</sup>	150	1,078	2.6	898.3	898.3	898.3	0.0
C	5,361 <sup>1</sup>	150	515	5.0	900.4	900.4	900.7	0.3
D	6,857 <sup>1</sup>	105	416	4.8	911.4	911.4	911.4	0.0
E	8,149 <sup>1</sup>	50	287	7.0	919.4	919.4	920.0	0.6
F	9,883 <sup>1</sup>	75	273	4.0	929.7	929.7	930.6	0.9
G	10,906 <sup>1</sup>	175	1,060	1.0	939.0	939.0	939.9	0.9
H	12,432 <sup>1</sup>	30	87	6.6	951.3	951.3	951.8	0.5
I	13,480 <sup>1</sup>	50	95	6.1	966.9	966.9	967.1	0.2
J	14,461 <sup>1</sup>	11	42	7.2	978.2	978.2	978.8	0.6
<b>DRY CREEK TRIBUTARY A</b>								
A	740 <sup>2</sup>	43	161	5.9	901.0	901.0	901.6	0.6
B	2,221 <sup>2</sup>	15	92	10.4	917.1	917.1	917.9	0.8
<b>DRY CREEK TRIBUTARY B</b>								
A	715 <sup>2</sup>	6	24	10.9	935.5	935.5	935.8	0.3
<b>DRY CREEK TRIBUTARY C</b>								
A	1,453 <sup>2</sup>	25	87	5.8	963.5	963.5	964.0	0.5

<sup>1</sup> Feet above confluence with Beaver Creek  
<sup>2</sup> Feet above confluence with Dry Creek

TABLE 24	FEDERAL EMERGENCY MANAGEMENT AGENCY <b>DOUGLAS COUNTY, GA</b> AND INCORPORATED AREAS	<b>FLOODWAY DATA</b>
		<b>FLOODING SOURCE: DRY CREEK-DRY CREEK TRIBUTARY A-DRY CREEK TRIBUTARY B- DRY CREEK TRIBUTARY C</b>

LOCATION		FLOODWAY			1% ANNUAL CHANCE FLOOD WATER SURFACE ELEVATION ( FEET NAVD88)			
CROSS SECTION	DISTANCE <sup>1</sup>	WIDTH (FEET)	SECTION AREA (SQ. FEET)	MEAN VELOCITY (FEET/ SEC)	REGULATORY	WITHOUT FLOODWAY	WITH FLOODWAY	INCREASE
A	1,431	309	5,354	0.2	764.4	764.0 <sup>2</sup>	764.0	0.0
B	3,316	68	211	5.0	769.9	769.9	770.4	0.5
C	5,264	24	70	9.1	794.4	794.4	794.4	0.0
D	6,620	10	50	12.6	827.6	827.6	827.7	0.1

<sup>2</sup>Feet above mouth

<sup>3</sup>Elevation computed without consideration of backwater effects from Mobley Creek

TABLE 24

FEDERAL EMERGENCY MANAGEMENT AGENCY

**DOUGLAS COUNTY, GA**

AND INCORPORATED AREAS

**FLOODWAY DATA**

**FLOODING SOURCE: DUNCAN CREEK**

LOCATION		FLOODWAY			1% ANNUAL CHANCE FLOOD WATER SURFACE ELEVATION ( FEET NAVD88)			
CROSS SECTION	DISTANCE <sup>1</sup>	WIDTH (FEET)	SECTION AREA (SQ. FEET)	MEAN VELOCITY (FEET/ SEC)	REGULATORY	WITHOUT FLOODWAY	WITH FLOODWAY	INCREASE
A	395	240	209	3.0	946.9	939.5 <sup>2</sup>	939.6	0.1
B	2,393	687	3,829	0.4	966.0	966.0	966.0	0.0
C	4,145	155	885	1.9	984.1	984.1	984.1	0.0
D	5,617	104	243	1.1	992.9	992.9	993.0	0.1
E	7,202	26	45	6.2	1,006.8	1,006.8	1,006.8	0.0
F	8,632	23	91	8.2	1,031.3	1,031.3	1,031.5	0.2
G	10,009	82	131	5.6	1,051.5	1,051.5	1,051.5	0.0
H	10,750	23	81	6.8	1,071.0	1,071.0	1,071.2	0.2

<sup>1</sup>Feet above confluence with Dog River

<sup>2</sup>Elevation computed without consideration of backwater effects from Dog River

\*Confluence is 326 feet downstream of zero stationing

TABLE 24	<b>FEDERAL EMERGENCY MANAGEMENT AGENCY</b> <b>DOUGLAS COUNTY, GA</b> <b>AND INCORPORATED AREAS</b>	<b>FLOODWAY DATA</b>
		<b>FLOODING SOURCE: EPHEBUS CREEK</b>

LOCATION		FLOODWAY			1% ANNUAL CHANCE FLOOD WATER SURFACE ELEVATION (FEET NAVD88)			
CROSS SECTION	DISTANCE <sup>1</sup>	WIDTH (FEET)	SECTION AREA (SQ. FEET)	MEAN VELOCITY (FEET/SEC)	REGULATORY	WITHOUT FLOODWAY	WITH FLOODWAY	INCREASE
<b>FARM BRANCH</b>								
A	1,431	44	131	6.9	889.1	889.1	889.6	0.5
B	2,014	55	364	2.9	900.4	900.4	901.1	0.7
C	3,015	33	99	9.2	913.7	913.7	913.7	0.0
D	3,488	57	333	2.7	927.4	927.4	928.2	0.0
<b>FARM BRANCH TRIBUTARY A</b>								
A	1,145	91	92	5.1	894.5	894.5	895.0	0.5
B	1,221	212	1,140	0.4	894.7	894.7	895.5	0.8
C	1,771	40	204	2.3	903.6	903.6	904.3	0.7
D	2,420	85	707	1.4	921.1	921.1	921.7	0.6
E	3,205	11	49	9.4	928.3	928.3	928.6	0.3
F	3,836	14	60	7.7	941.8	941.8	942.8	1.0

<sup>1</sup>Feet above confluence with Anneewakee Creek

TABLE 24

FEDERAL EMERGENCY MANAGEMENT AGENCY

**DOUGLAS COUNTY, GA**

AND INCORPORATED AREAS

**FLOODWAY DATA**

**FLOODING SOURCE: FARM BRANCH- FARM BRANCH TRIBUTARY A**

LOCATION		FLOODWAY			1% ANNUAL CHANCE FLOOD WATER SURFACE ELEVATION ( FEET NAVD88)			
CROSS SECTION	DISTANCE <sup>1</sup>	WIDTH (FEET)	SECTION AREA (SQ. FEET)	MEAN VELOCITY (FEET/ SEC)	REGULATORY	WITHOUT FLOODWAY	WITH FLOODWAY	INCREASE
A	545	239	910	3.7	795.0	795.0	794.9	-0.1
B	2,140	83	393	8.5	810.3	810.3	810.3	0.0
C	3,688	61	328	9.6	827.9	827.9	827.9	0.0
D	5,060	32	342	9.2	851.6	851.6	852.3	0.7
E	6,636	85	458	5.9	861.0	861.0	862.0	1.0
F	8,269	46	252	3.8	869.0	869.0	869.9	0.9
G	9,746	571	591	3.9	920.4	920.4	920.4	0.0
H	11,324	363	3,433	0.6	920.4	920.4	920.4	0.0
I	13,056	52	224	8.6	934.4	934.4	935.4	1.0
J	14,912	31	49	7.3	960.9	960.9	960.9	0.0
K	16,371	10	34	10.5	997.5	997.5	997.7	0.2

<sup>1</sup>Feet above confluence with Dog River

TABLE 24

FEDERAL EMERGENCY MANAGEMENT AGENCY

FLOOD COUNTY, STATE

AND INCORPORATED AREAS

FLOODWAY DATA

FLOODING SOURCE: FLYBLOW CREEK

LOCATION		FLOODWAY			1% ANNUAL CHANCE FLOOD WATER SURFACE ELEVATION (FEET NAVD88)			
CROSS SECTION	DISTANCE <sup>1</sup>	WIDTH (FEET)	SECTION AREA (SQ. FEET)	MEAN VELOCITY (FEET/SEC)	REGULATORY	WITHOUT FLOODWAY	WITH FLOODWAY	INCREASE
A	3,903	437	4,634	0.8	897.5	897.5	897.5	0.0

<sup>1</sup>Feet above confluence with Hurricane Creek

TABLE 24

FEDERAL EMERGENCY MANAGEMENT AGENCY

**DOUGLAS COUNTY, GA**

AND INCORPORATED AREAS

**FLOODWAY DATA**

**FLOODING SOURCE: GORDON CREEK**

LOCATION		FLOODWAY			1% ANNUAL CHANCE FLOOD WATER SURFACE ELEVATION (FEET NAVD88)			
CROSS SECTION	DISTANCE <sup>1</sup>	WIDTH (FEET)	SECTION AREA (SQ. FEET)	MEAN VELOCITY (FEET/SEC)	REGULATORY	WITHOUT FLOODWAY	WITH FLOODWAY	INCREASE
A	14,258	309	3,064	1.8	909.0	909.0	909.7	0.7
B	18,077	337	2,476	2.2	912.0	912.0	912.6	0.6
C	31,867	196	1,886	2.3	926.7	926.7	927.6	0.9
D	33,983	180	1,694	2.5	927.6	927.6	928.6	1.0
E	37,765	439	3,420	1.3	930.9	930.9	931.9	1.0
F	40,087	443	2,392	1.8	931.5	931.5	932.5	1.0
G	43,180	428	3,550	1.2	939.3	939.3	940.2	0.9
H	46,300	394	2,794	1.3	945.3	945.3	946.3	1.0
I	47,585	402	1,820	1.9	946.3	946.3	947.3	1.0
J	50,717	146	963	1.5	956.0	956.0	956.1	0.1
K	52,979	172	632	2.0	959.5	959.5	960.2	0.7
L	54,781	404	1,538	0.1	967.6	967.6	967.8	0.2
M	57,683	334	1,361	0.6	979.5	979.5	980.1	0.6
N	59,922	78	261	2.5	986.1	986.1	986.8	0.7
O	60,620	81	286	2.3	990.2	990.2	990.8	0.6
P	62,305	195	493	1.5	998.6	998.6	998.6	0.0
Q	64,174	56	158	3.5	1,014.0	1,014.0	1,015.0	1.0
R	64,767	200	790	0.5	1,025.7	1,025.7	1,026.0	0.3
S	65,421	26	37	5.8	1,026.2	1,026.2	1,026.3	0.1

<sup>1</sup>Feet above confluence with Sweetwater Creek

TABLE 24

FEDERAL EMERGENCY MANAGEMENT AGENCY

**DOUGLAS COUNTY, GA**

AND INCORPORATED AREAS

**FLOODWAY DATA**

**FLOODING SOURCE: GOTHARDS CREEK**

LOCATION		FLOODWAY			1% ANNUAL CHANCE FLOOD WATER SURFACE ELEVATION (FEET NAVD88)			
CROSS SECTION	DISTANCE <sup>1</sup>	WIDTH (FEET)	SECTION AREA (SQ. FEET)	MEAN VELOCITY (FEET/SEC)	REGULATORY	WITHOUT FLOODWAY	WITH FLOODWAY	INCREASE
<b>GOTHARDS CREEK TRIBUTARY 1</b> A	893	37	110	3.4	906.7	906.7	907.7	1.0
<b>GOTHARDS CREEK TRIBUTARY 2</b> A	771	13	23	3.3	911.0	911.0	911.0	0.0
B	1,206	11	17	4.4	920.8	920.8	921.1	0.3
C	1,475	21	29	2.7	946.1	946.1	946.4	0.3
D	2,794	191	707	0.7	965.8	965.8	965.8	0.0
E	3,499	103	296	1.2	977.1	977.1	977.6	0.5

<sup>1</sup>Feet above confluence with Gothards Creek

TABLE 24	<b>FEDERAL EMERGENCY MANAGEMENT AGENCY</b>  <b>DOUGLAS COUNTY, GA</b>  <b>AND INCORPORATED AREAS</b>	<b>FLOODWAY DATA</b>
		<b>FLOODING SOURCE: GOTHARDS CREEK TRIBUTARY 1- GOTHARDS CREEK TRIBUTARY 2</b>

LOCATION		FLOODWAY			1% ANNUAL CHANCE FLOOD WATER SURFACE ELEVATION (FEET NAVD88)			
CROSS SECTION	DISTANCE <sup>1</sup>	WIDTH (FEET)	SECTION AREA (SQ. FEET)	MEAN VELOCITY (FEET/SEC)	REGULATORY	WITHOUT FLOODWAY	WITH FLOODWAY	INCREASE
A	294	150	671	0.2	906.7	906.7	906.9	0.2
B	732	15	17	6.0	914.4	914.4	914.5	0.0
C	963	13	25	4.0	922.6	922.6	922.9	0.3

<sup>1</sup>Feet above confluence with Gothards Creek

TABLE 24

FEDERAL EMERGENCY MANAGEMENT AGENCY

**DOUGLAS COUNTY, GA**

AND INCORPORATED AREAS

**FLOODWAY DATA**

**FLOODING SOURCE: GOTHARDS CREEK TRIBUTARY 2.1**

LOCATION		FLOODWAY			1% ANNUAL CHANCE FLOOD WATER SURFACE ELEVATION (FEET NAVD88)			
CROSS SECTION	DISTANCE <sup>1</sup>	WIDTH (FEET)	SECTION AREA (SQ. FEET)	MEAN VELOCITY (FEET/SEC)	REGULATORY	WITHOUT FLOODWAY	WITH FLOODWAY	INCREASE
A	661	137	285	3.4	908.9	908.9 <sup>2</sup>	909.9	1.0
B	1,591	66	259	2.8	915.8	915.8	916.8	1.0
C	2,466	19	91	5.9	927.3	927.3	928.1	0.8
D	2,846	11	22	8.0	968.7	968.7	968.8	0.1
E	3,367	14	41	4.3	980.0	980.0	980.8	0.8
F	3,795	9	20	8.4	1,021.0	1,021.0	1,021.5	0.5
G	4,566	57	229	0.7	1,051.8	1,051.8	1,052.0	0.2
H	5,084	146	677	0.3	1,072.6	1,072.6	1,072.6	0.0
I	5,596	42	31	4.8	1,082.8	1,082.8	1,082.8	0.0
J	5,967	49	44	4.7	1,083.4	1,083.4	1,083.5	0.1

<sup>1</sup>Feet above confluence with Gothards Creek

<sup>2</sup>Elevation computed without consideration of backwater effects from Gothards Creek

TABLE 24	<b>FEDERAL EMERGENCY MANAGEMENT AGENCY</b> <b>DOUGLAS COUNTY, GA</b> <b>AND INCORPORATED AREAS</b>	<b>FLOODWAY DATA</b>
		<b>FLOODING SOURCE: GOTHARDS CREEK TRIBUTARY 3</b>

LOCATION		FLOODWAY			1% ANNUAL CHANCE FLOOD WATER SURFACE ELEVATION (FEET NAVD88)			
CROSS SECTION	DISTANCE <sup>1</sup>	WIDTH (FEET)	SECTION AREA (SQ. FEET)	MEAN VELOCITY (FEET/SEC)	REGULATORY	WITHOUT FLOODWAY	WITH FLOODWAY	INCREASE
<b>GOTHARDS CREEK TRIBUTARY 3.1</b>								
A	530	13	26	7.7	932.0	932.0	932.2	0.2
B	716	12	26	7.8	963.9	963.9	963.9	0.0
C	1,214	16	39	6.9	985.5	985.5	985.7	0.2
D	1,727	193	1,005	0.3	1,015.4	1,015.4	1,015.5	0.1
E	2,350	10	28	9.4	1,020.7	1,020.7	1,020.8	0.1
F	2,894	75	846	0.4	1,043.2	1,043.2	1,043.3	0.1
G	3,566	21	44	8.	1,047.0	1,047.0	1,047.6	0.6
<b>GOTHARDS CREEK TRIBUTARY 3.2</b>								
A	233	21	81	5.6	935.5	935.5	936.5	1.0
B	607	19	72	6.3	941.1	941.1	942.1	1.0

<sup>1</sup>Feet above confluence with Gothards Creek Tributary 3

TABLE 24	<b>FEDERAL EMERGENCY MANAGEMENT AGENCY</b> <b>DOUGLAS COUNTY, GA</b> <b>AND INCORPORATED AREAS</b>	<b>FLOODWAY DATA</b>
		<b>FLOODING SOURCE: GOTHARDS CREEK TRIBUTARY 3.1-  GOTHARDS CREEK TRIBUTARY 3.2</b>

LOCATION		FLOODWAY			1% ANNUAL CHANCE FLOOD WATER SURFACE ELEVATION (FEET NAVD88)			
CROSS SECTION	DISTANCE <sup>1</sup>	WIDTH (FEET)	SECTION AREA (SQ. FEET)	MEAN VELOCITY (FEET/SEC)	REGULATORY	WITHOUT FLOODWAY	WITH FLOODWAY	INCREASE
<b>GOTHARDS CREEK TRIBUTARY 4</b>								
A	4,217	19	83	5.9	936.5	936.5	937.3	0.8
B	4,982	12	48	7.2	946.6	946.6	947.5	0.9
<b>GOTHARDS CREEK TRIBUTARY 4.1</b>								
A	2,863	18	65	6.9	957.2	957.2	957.9	0.7
<b>GOTHARDS CREEK TRIBUTARY 4.1.1</b>								
A	644	45	120	3.2	936.7	936.7	937.7	1.0
B	1,918	17	43	8.0	966.4	966.4	966.6	0.2

<sup>1</sup>Feet above confluence with Gothards Creek

<sup>2</sup>Feet above confluence with Gothards Creek Tributary 4

<sup>3</sup>Feet above confluence with Gothards Creek Tributary 4.1

<b>TABLE 24</b>	<b>FEDERAL EMERGENCY MANAGEMENT AGENCY</b>	<b>FLOODWAY DATA</b>
	<b>DOUGLAS COUNTY, GA</b> <b>AND INCORPORATED AREAS</b>	
	<b>FLOODING SOURCE: GOTHARDS CREEK TRIBUTARY 4- GOTHARDS CREEK TRIBUTARY 4.1- GOTHARDS CREEK TRIBUTARY 4.1.1</b>	

LOCATION		FLOODWAY			1% ANNUAL CHANCE FLOOD WATER SURFACE ELEVATION (FEET NAVD88)			
CROSS SECTION	DISTANCE <sup>1</sup>	WIDTH (FEET)	SECTION AREA (SQ. FEET)	MEAN VELOCITY (FEET/SEC)	REGULATORY	WITHOUT FLOODWAY	WITH FLOODWAY	INCREASE
<b>GOTHARDS CREEK TRIBUTARY 6</b>								
A	976	52	167	2.4	928.2	928.2	929.2	1.0
B	1,846	58	432	0.9	940.6	940.6	941.6	1.0
<b>GOTHARDS CREEK TRIBUTARY 8</b>								
A	3,142	88	317	4.1	950.7	950.7	951.7	1.0
B	5,413	94	181	7.1	964.8	964.8	965.8	1.0
C	5,723	107	444	2.9	969.2	969.2	970.2	1.0
D	7,150	25	141	5.5	981.2	981.2	981.4	0.2
E	7,684	22	118	6.5	985.0	985.0	985.6	0.6
F	9,339	36	154	5.0	1,008.4	1,008.4	1,009.2	0.8
G	10,744	17	36	5.5	1,034.9	1,034.9	1,035.2	0.3
H	11,173	13	33	6.1	1,073.2	1,073.2	1,074.0	0.8

<sup>1</sup>Feet above confluence with Gothards Creek

TABLE 24

FEDERAL EMERGENCY MANAGEMENT AGENCY

**DOUGLAS COUNTY, GA**

AND INCORPORATED AREAS

**FLOODWAY DATA**

**FLOODING SOURCE: GOTHARDS CREEK TRIBUTARY 6-GOTHARDS CREEK TRIBUTARY 8**

LOCATION		FLOODWAY			1% ANNUAL CHANCE FLOOD WATER SURFACE ELEVATION (FEET NAVD88)			
CROSS SECTION	DISTANCE <sup>1</sup>	WIDTH (FEET)	SECTION AREA (SQ. FEET)	MEAN VELOCITY (FEET/SEC)	REGULATORY	WITHOUT FLOODWAY	WITH FLOODWAY	INCREASE
A	356	44	71	7.1	976.6	976.6	976.8	0.2
B	1,202	383	1,381	0.4	998.6	998.6	999.6	1.0
C	2,557	25	63	7.6	1,006.0	1,006.0	1,006.8	0.8

<sup>1</sup>Feet above confluence with Gothards Creek Tributary 8

TABLE 24	<b>FEDERAL EMERGENCY MANAGEMENT AGENCY</b> <b>DOUGLAS COUNTY, GA</b> <b>AND INCORPORATED AREAS</b>	<b>FLOODWAY DATA</b>
		<b>FLOODING SOURCE: GOTHARDS CREEK TRIBUTARY 8.1</b>

LOCATION		FLOODWAY			1% ANNUAL CHANCE FLOOD WATER SURFACE ELEVATION (FEET NAVD88)			
CROSS SECTION	DISTANCE <sup>1</sup>	WIDTH (FEET)	SECTION AREA (SQ. FEET)	MEAN VELOCITY (FEET/SEC)	REGULATORY	WITHOUT FLOODWAY	WITH FLOODWAY	INCREASE
<b>GOTHARDS CREEK TRIBUTARY 9</b>								
A	933	90	366	2.0	946.8	946.8	947.7	0.9
B	2,116	50	136	4.4	958.0	958.0	958.8	0.8
<b>GOTHARDS CREEK TRIBUTARY 10</b>								
A	1,396	52	111	3.8	949.3	949.3	950.0	0.7
B	2,616	163	638	0.7	961.9	961.9	961.9	0.0
C	3,272	35	326	1.3	969.9	969.9	970.7	0.8

<sup>1</sup>Feet above confluence with Gothards Creek

TABLE 24	<b>FEDERAL EMERGENCY MANAGEMENT AGENCY</b> <b>DOUGLAS COUNTY, GA</b> <b>AND INCORPORATED AREAS</b>	<b>FLOODWAY DATA</b>
		<b>FLOODING SOURCE: GOTHARDS CREEK TRIBUTARY 9-  GOTHARDS CREEK TRIBUTARY 10</b>

LOCATION		FLOODWAY			1% ANNUAL CHANCE FLOOD WATER SURFACE ELEVATION (FEET NAVD88)			
CROSS SECTION	DISTANCE <sup>1</sup>	WIDTH (FEET)	SECTION AREA (SQ. FEET)	MEAN VELOCITY (FEET/SEC)	REGULATORY	WITHOUT FLOODWAY	WITH FLOODWAY	INCREASE
A	1,844	261	1,155	2.4	954.4	954.4	955.3	0.9
B	5,039	102	709	3.9	968.1	968.1	969.0	0.9
C	7,600	185	1,203	2.3	972.7	972.7	973.6	0.9
D	9,848	76	629	4.3	982.2	982.2	983.1	0.9
E	11,539	102	624	3.6	986.0	986.0	987.0	1.0
F	12,823	87	423	5.3	990.7	990.7	991.7	1.0
G	14,390	101	420	5.1	996.8	996.8	997.4	0.6
H	15,503	108	691	3.1	1,004.5	1,004.5	1,005.4	0.7
I	16,732	65	188	5.9	1,007.7	1,007.7	1,008.1	0.4
J	18,525	73	331	3.4	1,019.8	1,019.8	1,020.8	1.0
K	20,612	20	72	6.7	1,038.2	1,038.2	1,039.0	0.8
L	21,625	19	92	5.2	1,054.9	1,054.9	1,055.9	1.0

<sup>1</sup>Feet above confluence with Gothards Creek

TABLE 24

FEDERAL EMERGENCY MANAGEMENT AGENCY

**DOUGLAS COUNTY, GA**

AND INCORPORATED AREAS

**FLOODWAY DATA**

**FLOODING SOURCE: GOTHARDS CREEK TRIBUTARY 11**

LOCATION		FLOODWAY			1% ANNUAL CHANCE FLOOD WATER SURFACE ELEVATION (FEET NAVD88)			
CROSS SECTION	DISTANCE <sup>1</sup>	WIDTH (FEET)	SECTION AREA (SQ. FEET)	MEAN VELOCITY (FEET/SEC)	REGULATORY	WITHOUT FLOODWAY	WITH FLOODWAY	INCREASE
<b>GOTHARDS CREEK TRIBUTARY 11.1</b>								
A	509	29	100	5.0	972.6	972.6	973.6	1.0
B	1,034	26	120	4.1	980.3	980.3	981.2	0.9
<b>GOTHARDS CREEK TRIBUTARY 11.2</b>								
A	979	29	110	6.0	991.8	991.8	992.1	0.3
B	2,475	18	65	10.1	1,016.0	1,016.0	1,016.2	0.2
C	2,861	145	790	0.8	1,042.6	1,042.6	1,043.5	0.9
D	4,405	15	52	10.7	1,068.4	1,068.4	1,068.5	0.1
<b>GOTHARDS CREEK TRIBUTARY 11.3</b>								
A	810	91	356	3.4	1,010.6	1,010.6	1,011.6	1.0
B	1,629	30	137	5.3	1,020.0	1,020.0	1,020.7	0.7
C	1,934	30	155	4.7	1,026.7	1,026.7	1,027.7	1.0
D	2,467	195	1,251	0.6	1,041.7	1,041.7	1,042.5	0.8

<sup>1</sup>Feet above confluence with Gothards Creek Tributary 11

TABLE 24	<b>FEDERAL EMERGENCY MANAGEMENT AGENCY</b> <b>DOUGLAS COUNTY, GA</b> <b>AND INCORPORATED AREAS</b>	<b>FLOODWAY DATA</b>
		<b>FLOODING SOURCE: GOTHARDS CREEK TRIBUTARY 11.1-  GOTHARDS CREEK TRIBUTARY 11.2- GOTHARDS CREEK  TRIBUTARY 11.3</b>

LOCATION		FLOODWAY			1% ANNUAL CHANCE FLOOD WATER SURFACE ELEVATION (FEET NAVD88)			
CROSS SECTION	DISTANCE <sup>1</sup>	WIDTH (FEET)	SECTION AREA (SQ. FEET)	MEAN VELOCITY (FEET/SEC)	REGULATORY	WITHOUT FLOODWAY	WITH FLOODWAY	INCREASE
<b>GOTHARDS CREEK TRIBUTARY 12</b>								
A	952	41	117	5.5	968.3	968.3	968.8	0.5
B	1,805	35	133	4.8	976.9	976.9	977.9	1.0
C	2,822	41	131	3.6	991.3	991.3	992.3	1.0
<b>GOTHARDS CREEK TRIBUTARY 15</b>								
A	1,138	57	112	3.6	986.0	986.0	986.3	0.3
B	2,031	44	196	1.7	1,001.1	1,001.1	1,002.1	1.0

<sup>1</sup>Feet above confluence with Gothards Creek

TABLE 24	<b>FEDERAL EMERGENCY MANAGEMENT AGENCY</b> <b>DOUGLAS COUNTY, GA</b> <b>AND INCORPORATED AREAS</b>	<b>FLOODWAY DATA</b>
		<b>FLOODING SOURCE: GOTHARDS CREEK TRIBUTARY 12-  GOTHARDS CREEK TRIBUTARY 15</b>

LOCATION		FLOODWAY			1% ANNUAL CHANCE FLOOD WATER SURFACE ELEVATION ( FEET NAVD88)			
CROSS SECTION	DISTANCE <sup>1</sup>	WIDTH (FEET)	SECTION AREA (SQ. FEET)	MEAN VELOCITY (FEET/ SEC)	REGULATORY	WITHOUT FLOODWAY	WITH FLOODWAY	INCREASE
A	1,127	190	612	7.0	949.7	947.1 <sup>2</sup>	947.8	0.7
B	2,929	140	781	5.5	956.1	956.1	956.4	0.3
C	4,511	198	1,061	4.1	960.9	960.9	961.8	0.9
D	6,298	120	678	6.8	966.9	966.9	967.6	0.7
E	7,883	136	1,310	3.5	975.9	975.9	976.7	0.8
F	9,522	278	1,312	3.5	979.1	979.1	980.1	1.0
G	11,262	205	1,435	3.2	987.5	987.5	988.4	0.9
H	13,026	136	802	5.8	994.0	994.0	995.0	1.0
I	14,631	155	876	5.3	1,002.4	1,002.4	1,003.1	0.7
J	15,970	62	396	6.5	1,011.2	1,011.2	1,011.3	0.1
K	17,976	66	344	7.5	1,029.8	1,029.8	1,029.9	0.1

<sup>1</sup>Feet above confluence with Crawfish Creek\*

<sup>2</sup>Elevation computed without consideration of backwater effects from Crawfish Creek

\*Confluence is 18 feet downstream of zero stationing

TABLE 24

**FEDERAL EMERGENCY MANAGEMENT AGENCY  
DOUGLAS COUNTY, GA  
AND INCORPORATED AREAS**

**FLOODWAY DATA**

**FLOODING SOURCE: HELTON CREEK**

LOCATION		FLOODWAY			1% ANNUAL CHANCE FLOOD WATER SURFACE ELEVATION (FEET NAVD88)			
CROSS SECTION	DISTANCE <sup>1</sup>	WIDTH (FEET)	SECTION AREA (SQ. FEET)	MEAN VELOCITY (FEET/SEC)	REGULATORY	WITHOUT FLOODWAY	WITH FLOODWAY	INCREASE
A	1,111	108	834	6.0	927.7	927.7	928.3	0.6
B	2,308	66	610	8.9	930.3	930.3	930.7	0.4
C	4,392	164	880	7.0	938.8	938.8	939.3	0.5
D	5,716	171	1,421	1.8	944.6	944.6	945.6	1.0
E	7,720	125	646	6.5	951.5	951.5	952.4	0.9
F	8,913	43	296	7.6	956.5	956.5	957.0	0.5
G	10,466	32	189	10.0	962.7	962.7	963.5	0.8
H	12,388	34	227	7.4	973.3	973.3	974.3	1.0
I	13,939	50	314	4.6	982.6	982.6	983.0	0.4
J	15,795	36	154	9.2	992.6	992.6	993.4	0.8
K	17,150	158	543	1.8	1,007.0	1,007.0	1,007.0	0.0
L	18,123	46	74	8.0	1,019.4	1,019.4	1,019.4	0.0
M	19,170	22	45	8.6	1,033.7	1,033.7	1,033.7	0.0

<sup>1</sup>Feet above confluence with Beaver Creek

TABLE 24	<b>FEDERAL EMERGENCY MANAGEMENT AGENCY</b> <b>DOUGLAS COUNTY, GA</b> <b>AND INCORPORATED AREAS</b>	<b>FLOODWAY DATA</b>
		<b>FLOODING SOURCE: HICKORY CREEK</b>

LOCATION		FLOODWAY			1% ANNUAL CHANCE FLOOD WATER SURFACE ELEVATION (FEET NAVD88)			
CROSS SECTION	DISTANCE <sup>1</sup>	WIDTH (FEET)	SECTION AREA (SQ. FEET)	MEAN VELOCITY (FEET/SEC)	REGULATORY	WITHOUT FLOODWAY	WITH FLOODWAY	INCREASE
<b>HICKORY CREEK TRIBUTARY A</b>								
A	546	57	70	9.8	972.1	972.1	972.8	0.7
B	1,518	11	37	10.7	986.0	986.0	986.2	0.2
<b>HICKORY CREEK TRIBUTARY B</b>								
A	796	42	42	7.2	970.2	970.2	970.2	0.0
B	1,766	26	60	3.7	990.1	990.1	990.2	0.1
C	2,552	12	26	8.6	1,010.6	1,010.6	1,010.6	0.0
D	3,107	12	25	8.6	1,028.5	1,028.5	1,028.5	0.0
<b>HICKORY CREEK TRIBUTARY C</b>								
A	732	65	76	7.8	987.3	987.3	987.3	0.0
B	2,158	22	62	6.5	1,003.0	1,003.0	1,003.0	0.0
C	2,962	17	58	6.9	1,016.7	1,016.7	1,016.9	0.2
D	4,000	137	560	0.7	1,036.4	1,036.4	1,037.2	0.8

<sup>1</sup>Feet above confluence with Hickory Creek

TABLE 24	<b>FEDERAL EMERGENCY MANAGEMENT AGENCY</b> <b>DOUGLAS COUNTY, GA</b> <b>AND INCORPORATED AREAS</b>	<b>FLOODWAY DATA</b>
		<b>FLOODING SOURCE: HICKORY CREEK TRIBUTARY A- HICKORY CREEK TRIBUTARY B- HICKORY CREEK TRIBUTARY C</b>

LOCATION		FLOODWAY			1% ANNUAL CHANCE FLOOD WATER SURFACE ELEVATION (FEET NAVD88)			
CROSS SECTION	DISTANCE <sup>1</sup>	WIDTH (FEET)	SECTION AREA (SQ. FEET)	MEAN VELOCITY (FEET/SEC)	REGULATORY	WITHOUT FLOODWAY	WITH FLOODWAY	INCREASE
<b>HICKORY CREEK TRIBUTARY D</b>								
A	406	91	303	8.1	1,004.4	1,004.4	1,005.2	0.8
B	981	61	551	2.7	1,020.8	1,020.8	1,021.7	0.9
C	1,628	325	2,954	0.2	1,041.5	1,041.5	1,041.5	0.0
<b>HICKORY CREEK TRIBUTARY E</b>								
A	891	11	28	6.5	1,016.5	1,016.5	1,016.6	0.1
B	1,656	16	25	8.1	1,036.1	1,036.1	1,036.1	0.0
C	2,465	17	26	7.1	1,056.2	1,056.2	1,056.2	0.0

<sup>1</sup>Feet above confluence with Hickory Creek

TABLE 24	<b>FEDERAL EMERGENCY MANAGEMENT AGENCY</b> <b>DOUGLAS COUNTY, GA</b> <b>AND INCORPORATED AREAS</b>	<b>FLOODWAY DATA</b>
		<b>FLOODING SOURCE: HICKORY CREEK TRIBUTARY D- HICKORY CREEK TRIBUTARY E</b>

LOCATION		FLOODWAY			1% ANNUAL CHANCE FLOOD WATER SURFACE ELEVATION (FEET NAVD88)			
CROSS SECTION	DISTANCE <sup>1</sup>	WIDTH (FEET)	SECTION AREA (SQ. FEET)	MEAN VELOCITY (FEET/SEC)	REGULATORY	WITHOUT FLOODWAY	WITH FLOODWAY	INCREASE
A	3,247	219	1,043	2.8	932.8	932.8	933.8	1.0
B	5,071	82	455	3.9	942.5	942.5	943.0	0.5
C	6,026	106	497	3.5	947.4	947.4	948.4	1.0
D	7,485	104	380	4.6	955.7	955.7	956.7	1.0
E	8,384	101	426	3.6	962.6	962.6	963.2	0.6
F	10,571	50	194	5.5	978.3	978.3	979.2	0.9
G	11,160	52	246	4.3	983.4	983.4	984.4	1.0
H	12,268	78	544	1.7	997.1	997.1	998.1	1.0
I	13,111	36	133	4.9	1,008.9	1,008.9	1,009.8	0.9
J	14,415	19	66	7.5	1,026.5	1,026.5	1,027.3	0.8
K	15,529	10	32	6.7	1,049.4	1,049.4	1,050.0	0.6
L	16,211	13	45	4.7	1,075.2	1,075.2	1,075.9	0.7

<sup>1</sup>Feet above confluence with Gothards Creek

TABLE 24

FEDERAL EMERGENCY MANAGEMENT AGENCY

**DOUGLAS COUNTY, GA**

AND INCORPORATED AREAS

**FLOODWAY DATA**

**FLOODING SOURCE: HUEY CREEK**

LOCATION		FLOODWAY			1% ANNUAL CHANCE FLOOD WATER SURFACE ELEVATION (FEET NAVD88)			
CROSS SECTION	DISTANCE <sup>1</sup>	WIDTH (FEET)	SECTION AREA (SQ. FEET)	MEAN VELOCITY (FEET/SEC)	REGULATORY	WITHOUT FLOODWAY	WITH FLOODWAY	INCREASE
A	460	24	152	10.3	940.2	940.2	941.2	1.0
B	955	44	251	6.3	956.2	956.2	957.1	0.9
C	4,041	158	436	3.6	978.4	978.4	979.4	1.0
D	6,145	108	340	4.6	999.5	999.5	1,000.5	1.0
E	7,146	54	180	6.0	1,012.1	1,012.1	1,012.4	0.3
F	9,399	36	164	6.6	1,053.1	1,053.1	1,053.7	0.6
G	10,136	21	55	7.6	1,062.3	1,062.3	1,062.7	0.4

<sup>1</sup>Feet above confluence with Huey Creek

TABLE 24

FEDERAL EMERGENCY MANAGEMENT AGENCY

**DOUGLAS COUNTY, GA**

AND INCORPORATED AREAS

**FLOODWAY DATA**

**FLOODING SOURCE: HUEY CREEK TRIBUTARY 1**

LOCATION		FLOODWAY			1% ANNUAL CHANCE FLOOD WATER SURFACE ELEVATION (FEET NAVD88)			
CROSS SECTION	DISTANCE <sup>1</sup>	WIDTH (FEET)	SECTION AREA (SQ. FEET)	MEAN VELOCITY (FEET/SEC)	REGULATORY	WITHOUT FLOODWAY	WITH FLOODWAY	INCREASE
A	469	15	49	10.3	1,031.2	1,031.2	1,031.7	0.5
B	1,032	32	105	4.8	1,052.1	1,052.1	1,053.1	1.0

<sup>1</sup>Feet above confluence with Huey Creek Tributary 1

TABLE 24	<b>FEDERAL EMERGENCY MANAGEMENT AGENCY</b> <b>DOUGLAS COUNTY, GA</b> <b>AND INCORPORATED AREAS</b>	<b>FLOODWAY DATA</b>
		<b>FLOODING SOURCE: HUEY CREEK TRIBUTARY 1.1</b>

LOCATION		FLOODWAY			1% ANNUAL CHANCE FLOOD WATER SURFACE ELEVATION (FEET NAVD88)			
CROSS SECTION	DISTANCE <sup>1</sup>	WIDTH (FEET)	SECTION AREA (SQ. FEET)	MEAN VELOCITY (FEET/SEC)	REGULATORY	WITHOUT FLOODWAY	WITH FLOODWAY	INCREASE
<b>HUEY CREEK TRIBUTARY 2</b> A	808	26	50	4.0	1,013.0	1,013.0	1,013.9	0.9
<b>HUEY CREEK TRIBUTARY 3</b> A	333	20	39	6.8	988.2	988.2	988.6	0.4
B	655	40	109	4.3	1,017.6	1,017.6	1,018.6	1.0
C	1,154	30	95	5.0	1,025.5	1,025.5	1,026.5	1.0
D	1,560	20	58	5.1	1,034.7	1,034.7	1,035.7	1.0

<sup>1</sup>Feet above confluence with Huey Creek

TABLE 24	<b>FEDERAL EMERGENCY MANAGEMENT AGENCY</b> <b>DOUGLAS COUNTY, GA</b> <b>AND INCORPORATED AREAS</b>	<b>FLOODWAY DATA</b> <b>FLOODING SOURCE: HUEY CREEK TRIBUTARY 2- HUEY CREEK TRIBUTARY 3</b>
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LOCATION		FLOODWAY			1% ANNUAL CHANCE FLOOD WATER SURFACE ELEVATION (FEET NAVD88)			
CROSS SECTION	DISTANCE <sup>1</sup>	WIDTH (FEET)	SECTION AREA (SQ. FEET)	MEAN VELOCITY (FEET/SEC)	REGULATORY	WITHOUT FLOODWAY	WITH FLOODWAY	INCREASE
A	1,117	180	1,365	6.1	730.3	730.3	731.0	0.7
B	4,786	415	2,090	3.7	740.2	740.2	741.1	0.9
C	6,489	535	2,350	3.3	746.8	746.8	747.5	0.7
D	8,023	46	484	15.0	752.7	752.7	752.8	0.1
E	9,123	47	655	11.0	769.2	769.2	769.9	0.7
F	10,208	45	617	11.6	779.3	779.3	779.5	0.2
G	11,202	93	669	10.4	803.3	803.3	804.0	0.7
H	11,854	63	452	15.0	848.0	848.0	848.0	0.0
I	12,626	74	557	8.3	881.3	881.3	881.3	0.0
J	13,836	58	391	11.8	892.3	892.3	892.8	0.5
K	14,997	194	1,057	4.3	908.1	908.1	909.1	1.0
L	15,999	220	1,693	2.7	914.5	914.5	915.3	0.8
M	17,892	106	488	9.5	929.4	929.4	929.4	0.0
N	18,812	249	1,219	3.7	942.1	942.1	942.1	0.0
O	20,783	280	1,872	2.4	953.5	953.5	954.4	0.9
P	23,000	175	1,031	4.3	963.9	963.9	964.8	0.9
Q	24,797	185	1,353	2.5	975.7	975.7	976.4	0.7
R	26,924	129	523	6.0	988.0	988.0	989.0	1.0
S	28,495	40	214	9.5	997.1	997.1	997.4	0.3
T	30,429	125	290	6.1	1,013.1	1,013.1	1,013.7	0.6
U	31,441	20	118	11.3	1,022.7	1,022.7	1,023.0	0.3
V	32,622	170	313	4.2	1,037.1	1,037.1	1,037.2	0.1
W	33,471	35	85	7.1	1,047.1	1,047.1	1,047.3	0.2

<sup>1</sup>Feet above county boundary

TABLE 24	<b>FEDERAL EMERGENCY MANAGEMENT AGENCY</b> <b>DOUGLAS COUNTY, GA</b> <b>AND INCORPORATED AREAS</b>	<b>FLOODWAY DATA</b>  <b>FLOODING SOURCE: HURRICANE CREEK</b>
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LOCATION		FLOODWAY			1% ANNUAL CHANCE FLOOD WATER SURFACE ELEVATION (FEET NAVD88)			
CROSS SECTION	DISTANCE <sup>1</sup>	WIDTH (FEET)	SECTION AREA (SQ. FEET)	MEAN VELOCITY (FEET/SEC)	REGULATORY	WITHOUT FLOODWAY	WITH FLOODWAY	INCREASE
X	34,266	95	156	3.8	1,058.8	1,058.8	1,058.9	0.1
Y	35,061	120	116	3.1	1,073.2	1,073.2	1,073.3	0.1
Z	36,223	21	47	7.8	1,119.6	1,119.6	1,119.6	0.0
AA	36,779	22	44	8.2	1,136.1	1,136.1	1,136.1	0.0
AB	37,800	29	31	5.6	1,161.2	1,161.2	1,161.2	0.0
AC	38,605	14	24	7.3	1,176.6	1,176.6	1,176.6	0.0

<sup>1</sup>Feet above county boundary

<b>TABLE 24</b>	<b>FEDERAL EMERGENCY MANAGEMENT AGENCY</b>	<b>FLOODWAY DATA</b>
	<b>DOUGLAS COUNTY, GA</b>	
	<b>AND INCORPORATED AREAS</b>	<b>FLOODING SOURCE: HURRICANE CREEK</b>

LOCATION		FLOODWAY			1% ANNUAL CHANCE FLOOD WATER SURFACE ELEVATION (FEET NAVD88)			
CROSS SECTION	DISTANCE <sup>1</sup>	WIDTH (FEET)	SECTION AREA (SQ. FEET)	MEAN VELOCITY (FEET/SEC)	REGULATORY	WITHOUT FLOODWAY	WITH FLOODWAY	INCREASE
<b>HURRICANE CREEK TRIBUTARY A</b>								
A	891	20	66	8.9	755.9	755.9	756.3	0.4
B	1,668	14	5	10.7	770.2	770.2	770.4	0.2
C	2,256	20	66	9.0	779.6	779.6	779.6	0.0
D	3,080	80	125	4.8	791.5	791.5	791.5	0.0
<b>HURRICANE CREEK TRIBUTARY B</b>								
A	223	30	63	8.9	789.2	789.2	789.2	0.0
B	723	27	67	8.3	807.8	807.8	807.8	0.0
C	1,075	68	115	4.8	819.9	819.9	820.0	0.1
<b>HURRICANE CREEK TRIBUTARY C</b>								
A	452	95	150	4.1	943.6	943.6	943.6	0.0
B	1,241	37	63	7.1	959.1	959.1	959.2	0.1

<sup>1</sup>Feet above confluence with Hurricane Creek

TABLE 24

FEDERAL EMERGENCY MANAGEMENT AGENCY

**DOUGLAS COUNTY, GA**

AND INCORPORATED AREAS

**FLOODWAY DATA**

FLOODING SOURCE: HURRICANE CREEK TRIBUTARY A- HURRICANE CREEK TRIBUTARY B- HURRICANE CREEK TRIBUTARY C

LOCATION		FLOODWAY			1% ANNUAL CHANCE FLOOD WATER SURFACE ELEVATION (FEET NAVD88)			
CROSS SECTION	DISTANCE <sup>1</sup>	WIDTH (FEET)	SECTION AREA (SQ. FEET)	MEAN VELOCITY (FEET/SEC)	REGULATORY	WITHOUT FLOODWAY	WITH FLOODWAY	INCREASE
<b>HURRICANE CREEK TRIBUTARY D</b>								
A	507	51	101	6.1	963.3	963.3	963.3	0.0
B	1,491	127	137	4.5	979.5	979.5	979.6	0.1
C	2,441	70	115	3.7	1,002.5	1,002.5	1,002.5	0.0
<b>HURRICANE CREEK TRIBUTARY E</b>								
A	376	36	42	5.6	975.8	975.3	975.3	0.0
B	691	95	437	0.5	985.9	985.9	985.9	0.0
C	1,525	6	21	11.1	1,001.8	1,001.8	1,002.1	0.3
D	2,105	11	27	8.9	1,012.6	1,012.6	1,012.6	0.0

<sup>1</sup>Feet above confluence with Hurricane Creek

TABLE 24	<b>FEDERAL EMERGENCY MANAGEMENT AGENCY</b> <b>DOUGLAS COUNTY, GA</b> <b>AND INCORPORATED AREAS</b>	<b>FLOODWAY DATA</b>
		<b>FLOODING SOURCE: HURRICANE CREEK TRIBUTARY D-  HURRICANE CREEK TRIBUTARY E</b>

LOCATION		FLOODWAY			1% ANNUAL CHANCE FLOOD WATER SURFACE ELEVATION ( FEET NAVD88)			
CROSS SECTION	DISTANCE <sup>1</sup>	WIDTH (FEET)	SECTION AREA (SQ. FEET)	MEAN VELOCITY (FEET/ SEC)	REGULATORY	WITHOUT FLOODWAY	WITH FLOODWAY	INCREASE
A	693	168	1,061	6.2	951.8	946.4 <sup>2</sup>	947.1	0.7
B	2,330	393	3,240	2.0	953.2	953.2	953.8	0.6
C	3,698	593	4,311	1.5	954.5	954.5	955.2	0.7
D	5,840	1036	10,463	0.8	960.9	960.9	960.9	0.0
E	7,554	326	2,090	3.8	963.4	963.4	964.2	0.8
F	9,058	281	2,000	4.2	966.4	966.4	967.2	0.8
G	10,960	445	2,524	3.3	971.7	971.7	972.1	0.4
H	12,101	178	1,088	2.6	973.1	973.1	973.9	0.8
I	13,803	127	848	3.4	977.5	977.5	978.3	0.8
J	15,330	264	886	3.2	980.4	980.4	981.2	0.8
K	16,780	185	743	3.8	986.8	986.8	987.8	1.0
L	18,450	199	747	2.7	991.4	991.4	992.2	0.8
M	20,437	95	492	4.0	999.5	999.5	999.5	0.0
N	22,411	156	678	4.4	1,011.8	1,011.8	1,012.2	0.4
O	23,830	38	169	9.2	1,034.6	1,034.6	1,034.7	0.1
P	25,314	179	358	4.3	1,045.4	1,045.4	1,045.4	0.0
Q	26,910	26	140	9.5	1,057.9	1,057.9	1,057.9	0.0
R	28,539	27	50	9.4	1,078.1	1,078.1	1,078.1	0.0
S	29,804	20	77	6.1	1,098.4	1,098.4	1,098.5	0.1

<sup>1</sup>Feet above confluence with Dog River

<sup>2</sup>Elevation computed without consideration of backwater effects from Dog River

TABLE 24

FEDERAL EMERGENCY MANAGEMENT AGENCY  
**DOUGLAS COUNTY, GA**  
AND INCORPORATED AREAS

**FLOODWAY DATA**

**FLOODING SOURCE: KEATON CREEK**

LOCATION		FLOODWAY			1% ANNUAL CHANCE FLOOD WATER SURFACE ELEVATION ( FEET NAVD88)			
CROSS SECTION	DISTANCE <sup>1</sup>	WIDTH (FEET)	SECTION AREA (SQ. FEET)	MEAN VELOCITY (FEET/ SEC)	REGULATORY	WITHOUT FLOODWAY	WITH FLOODWAY	INCREASE
A	206	92	399	9.8	974.2	974.2	974.2	0.0
B	1,675	66	330	11.9	999.1	999.1	999.0	-0.1
C	3,294	30	274	14.3	1,026.5	1,026.5	1,026.7	0.2
D	4,840	52	604	5.7	1,057.3	1,057.3	1,058.1	0.8
E	6,550	235	769	4.4	1,063.1	1,063.1	1,063.6	0.5
F	7,971	48	282	6.9	1,068.8	1,068.8	1,069.0	0.2

<sup>1</sup>Feet above confluence with Keaton Creek\*

\*Confluence is 608 feet downstream of zero stationing

TABLE 24

FEDERAL EMERGENCY MANAGEMENT AGENCY

**DOUGLAS COUNTY, GA**

AND INCORPORATED AREAS

**FLOODWAY DATA**

**FLOODING SOURCE: KEATON CREEK TRIBUTARY 1**

LOCATION		FLOODWAY			1% ANNUAL CHANCE FLOOD WATER SURFACE ELEVATION ( FEET NAVD88)			
CROSS SECTION	DISTANCE <sup>1</sup>	WIDTH (FEET)	SECTION AREA (SQ. FEET)	MEAN VELOCITY (FEET/ SEC)	REGULATORY	WITHOUT FLOODWAY	WITH FLOODWAY	INCREASE
A	434	170	615	8.5	976.4	976.4	976.5	0.1
B	2,213	112/5 <sup>2</sup>	1,164	4.5	988.9	988.9	989.5	0.6
C	3,579	140	950	5.5	995.5	995.5	996.1	0.6
D	6,857	55	554	8.4	1,028.4	1,028.4	1,029.0	0.6
E	8,339	33	667	7.0	1,039.0	1,039.0	1,039.2	0.2

<sup>1</sup>Feet above confluence with Keaton Creek\*

<sup>2</sup>Total floodway width/width within jurisdiction

\*Confluence is 576 feet downstream of zero stationing

TABLE 24	<b>FEDERAL EMERGENCY MANAGEMENT AGENCY</b> <b>DOUGLAS COUNTY, GA</b> <b>AND INCORPORATED AREAS</b>	<b>FLOODWAY DATA</b>
		<b>FLOODING SOURCE: KEATON CREEK TRIBUTARY 2</b>

LOCATION		FLOODWAY			1% ANNUAL CHANCE FLOOD WATER SURFACE ELEVATION (FEET NAVD88)			
CROSS SECTION	DISTANCE <sup>1</sup>	WIDTH (FEET)	SECTION AREA (SQ. FEET)	MEAN VELOCITY (FEET/SEC)	REGULATORY	WITHOUT FLOODWAY	WITH FLOODWAY	INCREASE
A	99	174	406	5.9	973.2	973.2	973.2	0.0
B	364	78	313	7.6	978.3	978.3	978.6	0.3
C	460	143	1,328	1.8	986.0	986.	986.4	0.4
D	977	55	211	11.3	987.8	987.8	987.8	0.0
E	1,096	55	822	2.9	1,003.5	1,003.5	1,003.9	0.4
F	1,488	83	486	4.9	1,003.6	1,003.6	1,004.0	0.4
G	1,763	99	327	7.3	1,007.3	1,007.3	1,007.3	0.0
H	2,121	74	263	9.0	1,011.3	1,011.3	1,011.3	0.0
I	2,819	206	916	2.6	1,023.7	1,023.7	1,024.5	0.8
J	3,231	177	422	5.6	1,027.1	1,027.1	1,027.2	0.1
K	3,570	56	259	9.2	1,038.9	1,038.9	1,039.1	0.2
L	3,888	50	293	8.1	1,043.2	1,043.2	1,043.4	0.2
M	4,465	69	249	9.6	1,056.8	1,056.8	1,056.8	0.0
N	5,151	235	559	2.3	1,070.1	1,070.1	1,070.1	0.0
O	5,247	231	1,077	1.6	1,078.1	1,078.1	1,078.1	0.0
P	6,604	110	259	5.0	1,083.3	1,083.3	1,083.7	0.4
Q	7,665	49	142	9.0	1,094.0	1,094.0	1,094.4	0.4
R	7,734	280	595	2.2	1,096.8	1,096.8	1,096.8	0.0
S	8,128	161	261	4.9	1,100.4	1,100.4	1,100.4	0.0
T	8,197	166	619	2.1	1,104.1	1,104.1	1,104.2	0.1
U	8,532	136	208	6.2	1,105.0	1,105.0	1,105.0	0.0

<sup>1</sup>Feet above confluence with Anneewakee Creek

TABLE 24

FEDERAL EMERGENCY MANAGEMENT AGENCY

DOUGLAS COUNTY, GA

AND INCORPORATED AREAS

FLOODWAY DATA

FLOODING SOURCE: KNOLLWOOD BRANCH

LOCATION		FLOODWAY			1% ANNUAL CHANCE FLOOD WATER SURFACE ELEVATION (FEET NAVD88)			
CROSS SECTION	DISTANCE <sup>1</sup>	WIDTH (FEET)	SECTION AREA (SQ. FEET)	MEAN VELOCITY (FEET/SEC)	REGULATORY	WITHOUT FLOODWAY	WITH FLOODWAY	INCREASE
V	8,680	137	198	3.4	1,108.0	1,108.0	1,108.0	0.0
W	9,598	41	79	8.4	1,125.0	1,125.0	1,125.1	0.1
X	9,666	41	246	2.7	1,130.0	1,130.0	1,131.0	1.0
Y	10,144	26	66	101	1,136.7	1,136.7	1,136.8	0.1
Z	10,299	244	991	0.7	1,142.8	1,142.8	1,143.7	0.9
AA	10,525	194	703	0.9	1,142.9	1,142.9	1,143.8	0.9

<sup>1</sup>Feet above confluence with Anneewakee Creek

TABLE 24

FEDERAL EMERGENCY MANAGEMENT AGENCY

**DOUGLAS COUNTY, GA**

AND INCORPORATED AREAS

**FLOODWAY DATA**

**FLOODING SOURCE: KNOLLWOOD BRANCH**

LOCATION		FLOODWAY			1% ANNUAL CHANCE FLOOD WATER SURFACE ELEVATION (FEET NAVD88)			
CROSS SECTION	DISTANCE <sup>1</sup>	WIDTH (FEET)	SECTION AREA (SQ. FEET)	MEAN VELOCITY (FEET/SEC)	REGULATORY	WITHOUT FLOODWAY	WITH FLOODWAY	INCREASE
A	114	84	129	5.1	1,107.6	1,107.6	1,107.6	0.0
B	804	125	191	3.5	1,122.7	1,122.7	1,122.7	0.0
C	1,305	96	278	2.4	1,132.6	1,132.6	1,132.6	0.0
D	1,391	144	414	1.6	1,136.8	1,136.8	1,136.9	0.1
E	1,553	95	259	2.6	1,137.1	1,137.1	1,137.2	0.1

<sup>1</sup>Feet above confluence with Knollwood Branch

TABLE 24

FEDERAL EMERGENCY MANAGEMENT AGENCY

**DOUGLAS COUNTY, GA**

AND INCORPORATED AREAS

**FLOODWAY DATA**

**FLOODING SOURCE: KNOLLWOOD BRANCH TRIBUTARY A**

LOCATION		FLOODWAY			1% ANNUAL CHANCE FLOOD WATER SURFACE ELEVATION (FEET NAVD88)			
CROSS SECTION	DISTANCE	WIDTH (FEET)	SECTION AREA (SQ. FEET)	MEAN VELOCITY (FEET/SEC)	REGULATORY	WITHOUT FLOODWAY	WITH FLOODWAY	INCREASE
<b>KRAFT CREEK</b>								
A	124 <sup>1</sup>	26	68	9.2	1,018.9	1,018.9	1,018.9	0.0
B	518 <sup>1</sup>	25	88	7.1	1,029.1	1,029.1	1,029.8	0.7
C	785 <sup>1</sup>	11	28	9.4	1,035.2	1,035.2	1,035.3	0.1
<b>KRAFT CREEK TRIBUTARY A</b>								
A	369 <sup>2</sup>	37	52	7.1	1,037.3	1,037.3	1,037.4	0.1
B	961 <sup>2</sup>	11	35	10.6	1,057.3	1,057.3	1,057.4	0.1

<sup>1</sup>Feet above confluence with Hurricane Creek  
<sup>2</sup>Feet above confluence with Kraft Creek

TABLE 24	FEDERAL EMERGENCY MANAGEMENT AGENCY <b>DOUGLAS COUNTY, GA</b> AND INCORPORATED AREAS	<b>FLOODWAY DATA</b>
		<b>FLOODING SOURCE: KRAFT CREEK-KRAFT CREEK TRIBUTARY A</b>

LOCATION		FLOODWAY			1% ANNUAL CHANCE FLOOD WATER SURFACE ELEVATION (FEET NAVD88)			
CROSS SECTION	DISTANCE <sup>1</sup>	WIDTH (FEET)	SECTION AREA (SQ. FEET)	MEAN VELOCITY (FEET/SEC)	REGULATORY	WITHOUT FLOODWAY	WITH FLOODWAY	INCREASE
A	447	66	301	8.8	1,011.2	1,010.1 <sup>2</sup>	1,010.4	0.3
B	2,002	80	388	6.9	1,023.6	1,023.6	1,024.1	0.5
C	3,605	66	338	7.9	1,036.1	1,036.1	1,036.2	0.1
D	5,096	146	655	4.0	1,048.4	1,048.4	1,049.4	1.0
E	6,422	79	356	7.3	1,060.6	1,060.6	1,060.7	0.1
F	7,926	72	240	6.1	1,073.1	1,073.1	1,073.1	0.0

<sup>1</sup>Feet above confluence with Helton Creek

<sup>2</sup>Elevation computed without consideration of backwater effects from Helton Creek

TABLE 24	<b>FEDERAL EMERGENCY MANAGEMENT AGENCY</b>  <b>DOUGLAS COUNTY, GA</b>  <b>AND INCORPORATED AREAS</b>	<b>FLOODWAY DATA</b>
		<b>FLOODING SOURCE: LAMPLIGHTER CREEK</b>

LOCATION		FLOODWAY			1% ANNUAL CHANCE FLOOD WATER SURFACE ELEVATION (FEET NAVD88)			
CROSS SECTION	DISTANCE <sup>1</sup>	WIDTH (FEET)	SECTION AREA (SQ. FEET)	MEAN VELOCITY (FEET/SEC)	REGULATORY	WITHOUT FLOODWAY	WITH FLOODWAY	INCREASE
A	1,765	125	715	3.2	903.9	903.9	904.1	0.2
B	3,168	165	432	5.3	909.7	909.7	910.0	0.3
C	5,072	95	425	4.6	921.7	921.7	922.1	0.4
D	6,544	195	1,238	1.6	932.0	932.0	932.6	0.6
E	7,555	270	1,640	1.1	944.1	944.1	944.1	0.0
F	9,416	100	730	1.8	950.6	950.6	951.4	0.8
G	10,512	496	4,691	0.3	962.2	962.2	962.2	0.0
H	12,410	135	433	2.8	970.3	970.3	971.0	0.7
I	13,791	90	778	1.5	986.7	986.7	987.2	0.5
J	15,011	130	402	3.0	994.6	994.6	995.4	0.8
K	16,497	15	56	9.7	1,022.6	1,022.6	1,023.6	1.0
L	17,756	100	161	5.2	1,045.1	1,045.1	1,045.1	0.0
M	18,355	90	674	1.3	1,059.7	1,059.7	1,060.5	0.8

<sup>1</sup>Feet above confluence with Beaver Creek

TABLE 24

FEDERAL EMERGENCY MANAGEMENT AGENCY  
**DOUGLAS COUNTY, GA**  
 AND INCORPORATED AREAS

**FLOODWAY DATA**

**FLOODING SOURCE: LION BRANCH**

LOCATION		FLOODWAY			1% ANNUAL CHANCE FLOOD WATER SURFACE ELEVATION (FEET NAVD88)			
CROSS SECTION	DISTANCE <sup>1</sup>	WIDTH (FEET)	SECTION AREA (SQ. FEET)	MEAN VELOCITY (FEET/SEC)	REGULATORY	WITHOUT FLOODWAY	WITH FLOODWAY	INCREASE
A	673	27	98	2.3	935.8	935.8	935.8	0.0
B	1,182	46	42	5.5	946.4	946.4	946.4	0.0
C	1,934	20	54	4.3	957.5	957.5	957.5	0.0
D	2,412	22	54	4.3	976.1	976.1	976.1	0.0
E	2,805	9	55	4.2	986.1	986.1	986.1	0.0

<sup>1</sup>Feet above confluence with Lion Branch

TABLE 24	<b>FEDERAL EMERGENCY MANAGEMENT AGENCY</b> <b>DOUGLAS COUNTY, GA</b> <b>AND INCORPORATED AREAS</b>	<b>FLOODWAY DATA</b>
		<b>FLOODING SOURCE: LION BRANCH TRIBURARY A</b>

LOCATION		FLOODWAY			1% ANNUAL CHANCE FLOOD WATER SURFACE ELEVATION (FEET NAVD88)			
CROSS SECTION	DISTANCE <sup>1</sup>	WIDTH (FEET)	SECTION AREA (SQ. FEET)	MEAN VELOCITY (FEET/SEC)	REGULATORY	WITHOUT FLOODWAY	WITH FLOODWAY	INCREASE
A	578	73	285	4.5	965.2	965.2	966.0	0.8
B	1,490	14	64	3.8	978.0	978.0	978.9	0.9
C	2,112	39	166	1.5	986.6	986.6	987.4	0.8

<sup>1</sup>Feet above confluence with Lion Branch

TABLE 24

FEDERAL EMERGENCY MANAGEMENT AGENCY  
**DOUGLAS COUNTY, GA**  
 AND INCORPORATED AREAS

**FLOODWAY DATA**

**FLOODING SOURCE: LION BRANCH TRIBUTARY B**

LOCATION		FLOODWAY			1% ANNUAL CHANCE FLOOD WATER SURFACE ELEVATION (FEET NAVD88)			
CROSS SECTION	DISTANCE <sup>1</sup>	WIDTH (FEET)	SECTION AREA (SQ. FEET)	MEAN VELOCITY (FEET/SEC)	REGULATORY	WITHOUT FLOODWAY	WITH FLOODWAY	INCREASE
A	1,016	600	5,858	1.1	902.8	902.8	902.8	0.0
B	2,231	430	2,867	2.4	903.4	903.4	903.4	0.0
C	2,972	465	2,792	2.4	904.9	904.9	904.9	0.0
D	3,345	386	2,043	3.0	905.2	905.2	905.2	0.0
E	4,493	234	1,295	4.8	909.3	909.3	910.2	0.9
F	4,726	147	819	7.5	909.7	909.7	909.8	0.1
G	5,952	90	636	9.7	915.6	915.6	915.9	0.3
H	6,726	174	936	6.6	922.0	922.8	922.9	0.1
I	7,517	160	807	7.6	924.3	924.3	924.4	0.1
J	7,725	100	666	9.6	925.6	925.6	926.0	0.4
K	8,461	80	791	8.1	929.4	929.4	929.7	0.3
L	9,316	271	1,143	5.6	932.2	932.2	932.2	0.0
M	10,284	146	994	6.4	938.7	938.7	939.0	0.3
N	10,641	196	1,059	6.0	940.2	940.2	940.4	0.2
O	10,798	80	543	4.3	943.6	943.6	943.8	0.2
P	10,863	80	1,008	2.3	947.6	947.6	948.3	0.7
Q	11,602	130	1,165	2.0	947.7	947.7	928.6	0.9
R	11,880	136	1,080	1.9	947.8	947.8	948.6	0.8
S	12,417	47	176	11.9	951.5	951.5	951.5	0.0
T	12,594	83	229	7.2	969.3	969.3	969.3	0.0

<sup>1</sup>Feet above confluence with Anneewakee Creek

TABLE 24	<b>FEDERAL EMERGENCY MANAGEMENT AGENCY</b> <b>DOUGLAS COUNTY, GA</b> <b>AND INCORPORATED AREAS</b>	<b>FLOODWAY DATA</b>
		<b>FLOODING SOURCE: LITTLE ANNEEWAKEE CREEK</b>

LOCATION		FLOODWAY			1% ANNUAL CHANCE FLOOD WATER SURFACE ELEVATION (FEET NAVD88)			
CROSS SECTION	DISTANCE <sup>1</sup>	WIDTH (FEET)	SECTION AREA (SQ. FEET)	MEAN VELOCITY (FEET/SEC)	REGULATORY	WITHOUT FLOODWAY	WITH FLOODWAY	INCREASE
U	13,003	26	162	10.1	977.1	977.1	978.0	0.9
V	13,858	175	459	3.6	995.1	995.1	996.1	1.0
W	14,114	69	179	9.2	1,014.9	1,014.9	1,014.9	0.0
X	14,169	592	3,558	0.5	1,015.1	1,015.1	1,015.1	0.0
Y	14,386	450	2,694	0.6	1,015.1	1,015.1	1,015.1	0.0
Z	14,700	294	1,741	0.9	1,015.1	1,015.1	1,015.1	0.0
AA	15,176	404	2,417	0.7	1,015.1	1,015.1	1,015.1	0.0
AB	15,579	530	3,121	0.5	1,015.1	1,015.1	1,015.1	0.0
AC	16,022	261	1,482	1.1	1,015.1	1,015.1	1,015.1	0.0
AD	16,752	50	158	10.4	1,015.1	1,015.1	1,015.1	0.0
AE	16,834	80	662	2.5	1,015.3	1,015.3	1,015.3	0.0
AF	16,919	110	756	2.2	1,024.0	1,021.0	1,024.5	0.5
AG	17,099	110	989	0.7	1,029.4	1,029.4	1,029.6	0.2
AH	17,392	130	1,084	0.7	1,029.5	1,029.5	1,029.8	0.3
AI	17,431	130	998	0.7	1,029.5	1,029.5	1,029.8	0.3
AJ	17,746	51	322	2.3	1,029.5	1,029.5	1,029.8	0.3
AK	18,088	130	795	2.2	1,035.7	1,035.7	1,035.7	0.0
AL	18,978	16	51	9.4	1,039.9	1,039.9	1,040.0	0.1
AM	19,138	128	713	1.8	1,048.8	1,048.8	1,048.8	0.0
AN	19,703	49	84	79	1,050.3	1,050.3	1,050.3	0.0
AO	19,819	50	302	2.0	1,057.1	1,057.1	1,057.5	0.4
AP	20,210	43	87	7.0	1,058.0	1,058.0	1,058.0	0.0

<sup>1</sup>Feet above confluence with Anneewakee Creek

TABLE 24	<b>FEDERAL EMERGENCY MANAGEMENT AGENCY</b> <b>DOUGLAS COUNTY, GA</b> <b>AND INCORPORATED AREAS</b>	<b>FLOODWAY DATA</b>
		<b>FLOODING SOURCE: LITTLE ANNEEWAKEE CREEK</b>

LOCATION		FLOODWAY			1% ANNUAL CHANCE FLOOD WATER SURFACE ELEVATION (FEET NAVD88)			
CROSS SECTION	DISTANCE <sup>1</sup>	WIDTH (FEET)	SECTION AREA (SQ. FEET)	MEAN VELOCITY (FEET/SEC)	REGULATORY	WITHOUT FLOODWAY	WITH FLOODWAY	INCREASE
A	78	460	1,574	0.8	905.2	905.2	905.2	0.0
B	1,191	29	98	12.0	921.7	921.7	921.7	0.0
C	1,842	587	408	4.7	966.4	966.4	966.4	0.0
D	1,892	572	5,832	0.3	966.4	966.4	966.4	0.0
E	3,074	305	3,087	0.6	966.4	966.4	966.4	0.0
F	3,416	54	179	10.7	966.4	966.4	966.4	0.0
G	3,536	100	630	3.0	975.3	975.3	975.3	0.0
H	4,277	44	174	11.0	978.0	978.0	978.1	0.1
I	4,367	55	419	4.7	984.1	984.1	984.9	0.8
J	4,760	32	150	12.8	987.3	987.3	987.3	0.0
K	4,853	100	485	4.0	994.0	994.0	994.0	0.0
L	5,380	107	257	7.5	1,005.5	1,005.5	1,005.6	0.1
M	5,516	102	542	3.5	1,010.4	1,010.4	1,010.6	0.2
N	6,409	20	139	13.8	1,027.0	1,027.0	1,027.7	0.7
O	7,062	20	161	11.9	1,042.6	1,042.6	1,043.4	0.8

<sup>1</sup>Feet above confluence with Little Anneewakee Creek

TABLE 24	<b>FEDERAL EMERGENCY MANAGEMENT AGENCY</b> <b>DOUGLAS COUNTY, GA</b> <b>AND INCORPORATED AREAS</b>	<b>FLOODWAY DATA</b> <b>FLOODING SOURCE: LITTLE ANNEEWAKEE CREEK TRIBUTARY A</b>
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LOCATION		FLOODWAY			1% ANNUAL CHANCE FLOOD WATER SURFACE ELEVATION (FEET NAVD88)			
CROSS SECTION	DISTANCE <sup>1</sup>	WIDTH (FEET)	SECTION AREA (SQ. FEET)	MEAN VELOCITY (FEET/SEC)	REGULATORY	WITHOUT FLOODWAY	WITH FLOODWAY	INCREASE
A	87	20	205	2.9	910.8	910.8	911.3	0.5
B	685	63	98	6.0	931.1	931.1	931.1	0.0
C	1,294	38	73	8.1	943.9	943.9	943.9	0.0
D	1,398	78	424	2.0	954.5	954.5	954.5	0.0
E	2,287	72	105	5.5	967.2	967.2	967.2	0.0

<sup>1</sup>Feet above confluence with Little Anneewakee Creek

TABLE 24

FEDERAL EMERGENCY MANAGEMENT AGENCY

DOUGLAS COUNTY, GA

AND INCORPORATED AREAS

FLOODWAY DATA

FLOODING SOURCE: LITTLE ANNEEWAKEE CREEK TRIBUTARY B

LOCATION		FLOODWAY			1% ANNUAL CHANCE FLOOD WATER SURFACE ELEVATION (FEET NAVD88)			
CROSS SECTION	DISTANCE <sup>1</sup>	WIDTH (FEET)	SECTION AREA (SQ. FEET)	MEAN VELOCITY (FEET/SEC)	REGULATORY	WITHOUT FLOODWAY	WITH FLOODWAY	INCREASE
A	133	285 <sup>2</sup>	1,170	0.6	926.6	926.6	927.5	0.9
B	1,224	12	61	11.4	939.3	939.3	939.9	0.6
C	1,909	12	70	9.9	954.6	954.6	955.5	0.9

<sup>1</sup>Feet above confluence with Little Anneewakee Creek  
<sup>2</sup>Combined floodway width with Little Anneewakee Creek

<b>TABLE 24</b>	<b>FEDERAL EMERGENCY MANAGEMENT AGENCY</b>	<b>FLOODWAY DATA</b>
	<b>DOUGLAS COUNTY, GA</b>	
	<b>AND INCORPORATED AREAS</b>	<b>FLOODING SOURCE: LITTLE ANNEEWAKEE CREEK TRIBUTARY C</b>

LOCATION		FLOODWAY			1% ANNUAL CHANCE FLOOD WATER SURFACE ELEVATION (FEET NAVD88)			
CROSS SECTION	DISTANCE <sup>1</sup>	WIDTH (FEET)	SECTION AREA (SQ. FEET)	MEAN VELOCITY (FEET/SEC)	REGULATORY	WITHOUT FLOODWAY	WITH FLOODWAY	INCREASE
A	70	276	2,268	0.4	947.8	947.8	948.7	0.9
B	334	90	409	2.1	947.8	947.8	948.7	0.9
C	367	90	394	2.2	949.0	949.0	949.4	0.4
D	625	14	69	12.6	952.4	952.4	952.4	0.0
E	696	100	613	1.4	960.4	960.4	960.6	0.2
F	1,065	17	104	8.3	960.4	960.4	960.6	0.2
G	1,125	50	217	4.0	963.2	963.2	964.0	0.8
H	1,623	30	157	5.5	966.7	966.7	967.6	0.9
I	2,407	30	91	9.7	989.6	989.6	989.6	0.0
J	2,537	30	390	2.2	1,003.0	1,003.0	1,004.0	1.0
K	2,775	27	277	3.2	1,003.0	1,003.0	1,004.0	1.0

<sup>1</sup>Feet above confluence with Little Anneewakee Creek

TABLE 24

FEDERAL EMERGENCY MANAGEMENT AGENCY

DOUGLAS COUNTY, GA

AND INCORPORATED AREAS

FLOODWAY DATA

FLOODING SOURCE: LITTLE ANNEEWAKEE CREEK TRIBUTARY D

LOCATION		FLOODWAY			1% ANNUAL CHANCE FLOOD WATER SURFACE ELEVATION (FEET NAVD88)			
CROSS SECTION	DISTANCE <sup>1</sup>	WIDTH (FEET)	SECTION AREA (SQ. FEET)	MEAN VELOCITY (FEET/SEC)	REGULATORY	WITHOUT FLOODWAY	WITH FLOODWAY	INCREASE
A	153	39	77	7.7	974.1	974.1	974.1	0.0
B	1,226	44	78	7.6	1,026.8	1,026.8	1,026.8	0.0
C	2,016	10	67	8.8	1,039.9	1,039.9	1,040.3	0.4

<sup>1</sup>Feet above confluence with Little Anneewakee Creek

TABLE 24

FEDERAL EMERGENCY MANAGEMENT AGENCY

**DOUGLAS COUNTY, GA**

AND INCORPORATED AREAS

**FLOODWAY DATA**

**FLOODING SOURCE: LITTLE ANNEEWAKEE CREEK TRIBUTARY E**

LOCATION		FLOODWAY			1% ANNUAL CHANCE FLOOD WATER SURFACE ELEVATION (FEET NAVD88)			
CROSS SECTION	DISTANCE <sup>1</sup>	WIDTH (FEET)	SECTION AREA (SQ. FEET)	MEAN VELOCITY (FEET/SEC)	REGULATORY	WITHOUT FLOODWAY	WITH FLOODWAY	INCREASE
A	916	310	1,223	4.5	756.4	754.1 <sup>2</sup>	755.0 <sup>2</sup>	0.9
B	1,714	339	2,036	2.7	757.7	757.7	758.0	0.3
C	2,535	313	1,753	3.2	759.6	759.6	760.1	0.5
D	3,345	372	2,230	2.5	761.5	761.5	762.2	0.7
E	4,095	272	1,494	3.7	762.2	762.2	763.1	0.9
F	4,524	350	1,810	2.1	763.5	763.5	764.3	0.8
G	5,294	350	1,551	2.4	764.9	764.9	765.3	0.4
H	6,193	254	1,192	3.1	767.5	767.5	768.4	0.9
I	6,986	201	961	3.9	769.9	769.9	770.4	0.5
J	7,542	282	1,250	3.0	770.8	770.8	771.7	0.9
K	7,869	84	453	8.3	771.1	771.1	771.7	0.6
L	7,935	365	1,488	2.5	773.5	773.5	774.2	0.7
M	8,358	403	1,138	3.3	773.8	773.8	774.4	0.6
N	8,374	426	1,247	3.0	773.9	773.9	774.5	0.6
O	8,805	372	1,123	3.3	774.2	774.2	774.6	0.4
P	8,821	399	1,394	2.7	775.3	775.3	775.6	0.3
Q	9,189	436	790	4.7	775.4	775.4	775.5	0.1
R	9,346	567	1,503	2.6	775.7	775.7	776.4	0.7
S	9,746	120	429	9.2	777.7	777.7	778.1	0.4
T	9,763	120	719	5.5	780.5	780.5	780.9	0.4
U	10,005	238	1,431	2.8	780.6	780.6	781.6	1.0
V	10,351	316	1,531	2.6	780.9	780.9	781.9	1.0
W	10,822	500	406	9.	782.4	782.4	782.5	0.1
X	10,884	366	2,472	1.6	787.6	787.6	787.8	0.2

<sup>1</sup>Feet above confluence with Bear Creek

<sup>2</sup>Elevation computed without consideration of backwater effects from Bear Creek

TABLE 24	<b>FEDERAL EMERGENCY MANAGEMENT AGENCY</b> <b>DOUGLAS COUNTY, GA</b> <b>AND INCORPORATED AREAS</b>	<b>FLOODWAY DATA</b>  <b>FLOODING SOURCE: LITTLE BEAR CREEK</b>
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LOCATION		FLOODWAY			1% ANNUAL CHANCE FLOOD WATER SURFACE ELEVATION (FEET NAVD88)			
CROSS SECTION	DISTANCE <sup>1</sup>	WIDTH (FEET)	SECTION AREA (SQ. FEET)	MEAN VELOCITY (FEET/SEC)	REGULATORY	WITHOUT FLOODWAY	WITH FLOODWAY	INCREASE
Y	11,622	345	1,716	2.3	787.9	787.9	788.0	0.1
Z	12,424	379	1,273	3.1	788.4	788.4	788.5	0.1
AA	13,076	362	768	5.1	789.7	789.7	789.7	0.0
AB	13,514	251	867	5.1	792.5	792.5	792.5	0.0
AC	14,289	213	1,118	4.0	796.3	796.3	796.4	0.1
AD	15,101	400	1,713	2.6	798.1	798.1	798.4	0.3
AE	15,886	353	1,534	2.9	801.0	801.0	801.2	0.2
AF	17,105	530	2,472	1.8	804.0	804.0	804.6	0.6
AG	17,487	400	1,478	3.0	805.1	805.1	805.4	0.3
AH	17,906	383	1,366	2.2	806.9	806.9	807.0	0.1
AI	18,709	280	827	3.6	809.0	809.0	809.1	0.1
AJ	19,518	278	708	4.2	812.6	812.6	812.8	0.2
AK	20,299	292	1,069	2.4	815.7	815.7	816.4	0.7
AL	20,686	286	924	2.7	816.5	816.5	817.3	0.8
AM	21,054	238	780	3.3	818.6	818.6	818.9	0.3
AN	22,032	236	900	2.9	823.7	823.7	823.7	0.0
AO	22,502	185	515	5.0	825.5	825.5	825.6	0.1
AP	22,788	200	625	2.6	827.1	827.1	827.6	0.5
AQ	23,366	49	171	9.5	832.6	832.6	832.6	0.0
AR	23,997	129	299	5.4	838.9	838.9	839.1	0.2
AS	24,580	43	241	6.7	849.4	849.4	950.3	0.9

<sup>1</sup>Feet above confluence with Bear Creek

TABLE 24	<b>FEDERAL EMERGENCY MANAGEMENT AGENCY</b> <b>DOUGLAS COUNTY, GA</b> <b>AND INCORPORATED AREAS</b>	<b>FLOODWAY DATA</b>
		<b>FLOODING SOURCE: LITTLE BEAR CREEK</b>

LOCATION		FLOODWAY			1% ANNUAL CHANCE FLOOD WATER SURFACE ELEVATION (FEET NAVD88)			
CROSS SECTION	DISTANCE <sup>1</sup>	WIDTH (FEET)	SECTION AREA (SQ. FEET)	MEAN VELOCITY (FEET/SEC)	REGULATORY	WITHOUT FLOODWAY	WITH FLOODWAY	INCREASE
AT	24,969	79	224	7.3	858.4	858.4	858.4	0.0
AU	25,140	250	1,085	1.5	861.0	861.0	861.1	0.1
AV	25,798	124	364	4.5	865.1	865.1	865.1	0.0
AW	27,167	204	545	3.0	884.7	884.7	885.1	0.4
AX	27,268	196	2,239	0.7	894.1	894.1	895.1	1.0
AY	27,627	100	1,067	1.5	894.2	894.2	895.1	0.9
AZ	28,673	47	167	8.3	896.1	896.1	896.7	0.6
BA	28,886	303	2,913	0.5	910.7	910.7	911.5	0.8
BB	29,660	72	481	2.9	910.8	910.8	911.6	0.8
BC	30,352	50	139	10.0	913.1	913.1	913.3	0.2
BD	30,441	175	894	1.6	919.5	919.5	919.7	0.2
BE	30,822	54	218	1.1	919.7	919.7	919.9	0.2
BF	30,908	165	464	0.5	921.2	921.2	921.4	0.2
BG	31,667	13	29	8.5	937.9	937.9	937.9	0.0
BH	32,096	22	38	6.5	948.5	948.5	948.5	0.0
BI	32,969	25	40	6.1	958.5	958.5	958.6	0.1
BJ	33,458	30	63	3.9	963.3	963.3	963.3	0.0
BK	34,243	20	34	7.2	978.7	978.7	978.8	0.1
BL	35,306	211	104	2.4	1,012.0	1,012.0	1,012.4	0.4
BM	35,409	386	2,578	0.1	1,012.0	1,012.0	1,012.7	0.7
BN	36,127	19	33	7.4	1,018.8	1,018.8	1,018.9	0.1

<sup>1</sup>Feet above confluence with Bear Creek

TABLE 24	<b>FEDERAL EMERGENCY MANAGEMENT AGENCY</b> <b>DOUGLAS COUNTY, GA</b> <b>AND INCORPORATED AREAS</b>	<b>FLOODWAY DATA</b>
		<b>FLOODING SOURCE: LITTLE BEAR CREEK</b>

LOCATION		FLOODWAY			1% ANNUAL CHANCE FLOOD WATER SURFACE ELEVATION (FEET NAVD88)			
CROSS SECTION	DISTANCE <sup>1</sup>	WIDTH (FEET)	SECTION AREA (SQ. FEET)	MEAN VELOCITY (FEET/SEC)	REGULATORY	WITHOUT FLOODWAY	WITH FLOODWAY	INCREASE
A	95	162 <sup>2</sup>	256	4.4	775.8	775.8	776.3	0.5
B	861	32	106	10.3	782.4	782.4	782.4	0.0
C	929	41	274	4.0	787.	787.1	787.1	0.0
D	2,004	35	130	8.4	804.6	804.6	804.7	0.1
E	2,323	34	138	4.5	807.9	807.9	808.5	0.6
F	2,826	25	72	8.5	815.1	815.1	815.1	0.0
G	2,892	30	249	2.5	821.1	821.1	821.9	0.8
H	3,446	30	78	7.9	824.3	824.3	924.3	0.0
I	3,461	30	143	4.3	826.5	826.5	827.5	1.0
J	3,927	45	89	6.9	834.0	834.0	934.5	0.5
K	3,944	52	155	4.0	835.1	835.1	836.1	1.0
L	4,600	59	111	5.5	847.8	847.8	848.3	0.5
M	5,181	38	86	7.2	868.8	868.8	868.8	0.0
N	5,205	58	164	3.8	872.0	872.0	872.0	0.0
O	5,620	12	52	11.9	879.9	87.9	879.9	0.0

<sup>1</sup>Feet above confluence with Little Bear Creek  
<sup>2</sup>Combined floodway width with Little Bear Creek

TABLE 24	FEDERAL EMERGENCY MANAGEMENT AGENCY <b>DOUGLAS COUNTY, GA</b> AND INCORPORATED AREAS	<b>FLOODWAY DATA</b>
		<b>FLOODING SOURCE: LITTLE BEAR CREEK TRIBUTARY A</b>

LOCATION		FLOODWAY			1% ANNUAL CHANCE FLOOD WATER SURFACE ELEVATION (FEET NAVD88)			
CROSS SECTION	DISTANCE <sup>1</sup>	WIDTH (FEET)	SECTION AREA (SQ. FEET)	MEAN VELOCITY (FEET/SEC)	REGULATORY	WITHOUT FLOODWAY	WITH FLOODWAY	INCREASE
A	88	122	136	2.8	807.1	807.1	807.1	0.0
B	375	223	1,790	0.2	822.8	822.8	823.1	0.3
C	569	88	703	0.5	822.8	822.8	823.1	0.3
D	697	41	73	5.2	833.4	833.4	833.7	0.3
E	781	225	2,410	0.2	834.1	834.1	834.7	0.6
F	1,041	108	1,146	0.3	834.1	834.1	834.7	0.6
G	1,345	25	54	7.0	841.3	841.3	841.4	0.1

<sup>1</sup>Feet above confluence with Little Bear Creek Tributary A

TABLE 24

FEDERAL EMERGENCY MANAGEMENT AGENCY

**DOUGLAS COUNTY, GA**

AND INCORPORATED AREAS

**FLOODWAY DATA**

**FLOODING SOURCE: LITTLE BEAR CREEK TRIBUTARY B**

LOCATION		FLOODWAY			1% ANNUAL CHANCE FLOOD WATER SURFACE ELEVATION (FEET NAVD88)			
CROSS SECTION	DISTANCE <sup>1</sup>	WIDTH (FEET)	SECTION AREA (SQ. FEET)	MEAN VELOCITY (FEET/SEC)	REGULATORY	WITHOUT FLOODWAY	WITH FLOODWAY	INCREASE
A	60	150	461	2.7	790.8	790.8	790.8	0.0
B	642	20	71	10.1	800.2	800.2	800.5	0.3
C	1,205	20	70	10.2	809.2	809.2	809.6	0.4
D	1,907	20	74	9.6	820.4	820.4	821.0	0.6
E	2,767	17	64	11.1	831.6	831.6	831.7	0.1
F	3,594	16	65	11.0	852.6	852.6	853.5	0.9
G	4,393	57	105	6.8	870.1	870.1	870.1	0.0
H	4,756	14	60	11.8	882.3	882.3	882.3	0.0

<sup>1</sup>Feet above confluence with Little Bear Creek

TABLE 24

FEDERAL EMERGENCY MANAGEMENT AGENCY

DOUGLAS COUNTY, GA

AND INCORPORATED AREAS

FLOODWAY DATA

FLOODING SOURCE: LITTLE BEAR CREEK TRIBUTARY C

LOCATION		FLOODWAY			1% ANNUAL CHANCE FLOOD WATER SURFACE ELEVATION (FEET NAVD88)			
CROSS SECTION	DISTANCE <sup>1</sup>	WIDTH (FEET)	SECTION AREA (SQ. FEET)	MEAN VELOCITY (FEET/SEC)	REGULATORY	WITHOUT FLOODWAY	WITH FLOODWAY	INCREASE
A	175	18	64	10.2	817.7	817.7	818.2	0.5
B	1,148	28	62	8.0	835.9	835.9	835.9	0.0
C	1,957	16	59	8.3	852.5	852.5	852.8	0.3
D	3,153	12	45	11.0	922.8	922.8	922.9	0.1

<sup>1</sup>Feet above Little Bear Creek

TABLE 24

FEDERAL EMERGENCY MANAGEMENT AGENCY

**DOUGLAS COUNTY, GA**

AND INCORPORATED AREAS

**FLOODWAY DATA**

**FLOODING SOURCE: LITTLE BEAR CREEK TRIBUTARY D**

LOCATION		FLOODWAY			1% ANNUAL CHANCE FLOOD WATER SURFACE ELEVATION (FEET NAVD88)			
CROSS SECTION	DISTANCE <sup>1</sup>	WIDTH (FEET)	SECTION AREA (SQ. FEET)	MEAN VELOCITY (FEET/SEC)	REGULATORY	WITHOUT FLOODWAY	WITH FLOODWAY	INCREASE
A	270	132	416	2.1	827.7	827.7	828.5	0.8
B	807	94	80	5.2	851.2	851.2	851.2	0.0
C	887	484	3,186	0.1	851.6	851.6	851.6	0.0
D	3,006	27	73	5.8	851.6	851.6	851.6	0.0
E	4,040	18	57	7.3	865.2	865.2	865.3	0.1
F	5,028	20	61	6.8	876.8	876.8	877.3	0.5
G	5,910	23	67	6.2	888.2	888.2	888.3	0.1
H	6,927	84	89	4.7	906.6	906.6	906.6	0.0
I	6,988	82	145	2.9	909.1	909.1	909.1	0.0
J	7,506	24	49	8.5	917.1	917.1	917.1	0.0

<sup>1</sup>Feet above confluence with Little Bear Creek

TABLE 24

FEDERAL EMERGENCY MANAGEMENT AGENCY

DOUGLAS COUNTY, GA

AND INCORPORATED AREAS

FLOODWAY DATA

FLOODING SOURCE: LITTLE BEAR CREEK TRIBUTARY E

LOCATION		FLOODWAY			1% ANNUAL CHANCE FLOOD WATER SURFACE ELEVATION (FEET NAVD88)			
CROSS SECTION	DISTANCE <sup>1</sup>	WIDTH (FEET)	SECTION AREA (SQ. FEET)	MEAN VELOCITY (FEET/SEC)	REGULATORY	WITHOUT FLOODWAY	WITH FLOODWAY	INCREASE
A	73	234	1,410	0.5	919.7	919.7	919.9	0.2
B	869	30	66	8.3	922.0	922.0	922.0	0.0
C	2,055	20	95	5.8	940.7	940.7	941.1	0.4

<sup>1</sup>Feet above Little Bear Creek

TABLE 24

FEDERAL EMERGENCY MANAGEMENT AGENCY

**DOUGLAS COUNTY, GA**

AND INCORPORATED AREAS

**FLOODWAY DATA**

**FLOODING SOURCE: LITTLE BEAR CREEK TRIBUTARY F**

LOCATION		FLOODWAY			1% ANNUAL CHANCE FLOOD WATER SURFACE ELEVATION (FEET NAVD88)			
CROSS SECTION	DISTANCE <sup>1</sup>	WIDTH (FEET)	SECTION AREA (SQ. FEET)	MEAN VELOCITY (FEET/SEC)	REGULATORY	WITHOUT FLOODWAY	WITH FLOODWAY	INCREASE
A	1,001	27	222	16.5	882.9	882.9	882.9	0.0
B	1,787	16	189	19.4	904.5	904.5	904.5	0.0
C	3,443	100	728	4.8	926.2	926.2	926.5	0.3
D	4,271	65	297	7.9	931.0	931.0	931.4	0.4
E	4,647	34	189	12.4	942.2	942.2	942.2	0.0
F	5,191	120	503	4.7	954.2	954.2	955.1	0.9
G	6,022	82	899	2.5	969.0	969.0	969.0	0.0
H	7,334	33	182	11.1	976.7	976.7	976.8	0.1
I	8,304	274	1,428	1.4	990.5	990.5	990.5	0.0
J	10,345	135	390	3.0	1,011.0	1,011.0	1,011.2	0.2
K	11,498	27	94	10.6	1,019.3	1,019.3	1,019.3	0.0
L	12,565	41	194	4.8	1,033.0	1,033.0	1,033.6	0.6
M	13,664	35	157	2.6	1,050.3	1,050.3	1,050.3	0.0
N	14,510	15	47	8.8	1,064.6	1,064.6	1,064.7	0.1

<sup>1</sup>Feet above confluence with Hurricane Creek

TABLE 24

FEDERAL EMERGENCY MANAGEMENT AGENCY

DOUGLAS COUNTY, GA

AND INCORPORATED AREAS

FLOODWAY DATA

FLOODING SOURCE: LITTLE HURRICANE CREEK

LOCATION		FLOODWAY			1% ANNUAL CHANCE FLOOD WATER SURFACE ELEVATION (FEET NAVD88)			
CROSS SECTION	DISTANCE <sup>1</sup>	WIDTH (FEET)	SECTION AREA (SQ. FEET)	MEAN VELOCITY (FEET/SEC)	REGULATORY	WITHOUT FLOODWAY	WITH FLOODWAY	INCREASE
A	497	75	1,150	1.0	942.4	942.4	943.1	0.7
B	1,578	45	160	5.2	944.3	944.3	944.7	0.4
C	2,716	30	121	6.9	961.9	961.9	962.8	0.9
D	3,547	24	55	8.7	977.1	977.1	977.1	0.0

<sup>1</sup>Feet above confluence with Little Hurricane Creek

<b>TABLE 24</b>	<b>FEDERAL EMERGENCY MANAGEMENT AGENCY</b>	<b>FLOODWAY DATA</b>
	<b>DOUGLAS COUNTY, GA</b> <b>AND INCORPORATED AREAS</b>	

LOCATION		FLOODWAY			1% ANNUAL CHANCE FLOOD WATER SURFACE ELEVATION (FEET NAVD88)			
CROSS SECTION	DISTANCE <sup>1</sup>	WIDTH (FEET)	SECTION AREA (SQ. FEET)	MEAN VELOCITY (FEET/SEC)	REGULATORY	WITHOUT FLOODWAY	WITH FLOODWAY	INCREASE
A	308	104	239	7.5	947.4	947.4	947.4	0.0
B	1,639	474	1,435	1.0	953.6	953.6	953.6	0.0
C	2,985	45	173	5.5	963.8	963.8	964.1	0.3
D	4,115	31	249	3.8	977.8	977.8	978.6	0.8
E	5,536	252	1,816	0.6	1,002.0	1,002.0	1,002.0	0.0
F	6,918	53	90	9.4	1,012.2	1,012.2	1,012.2	0.0
G	7,573	32	86	10.0	1,022.1	1,022.1	1,022.1	0.0
H	8,498	118	177	8.2	1,039.7	1,039.7	1,039.9	0.2
I	9,425	320	1,767	0.4	1,067.7	1,067.7	1,067.7	0.0

<sup>1</sup>Feet above confluence with Beaver Creek

TABLE 24	<b>FEDERAL EMERGENCY MANAGEMENT AGENCY</b> <b>DOUGLAS COUNTY, GA</b> <b>AND INCORPORATED AREAS</b>	<b>FLOODWAY DATA</b>
		<b>FLOODING SOURCE: MARGIE BRANCH</b>

LOCATION		FLOODWAY			1% ANNUAL CHANCE FLOOD WATER SURFACE ELEVATION (FEET NAVD88)			
CROSS SECTION	DISTANCE <sup>1</sup>	WIDTH (FEET)	SECTION AREA (SQ. FEET)	MEAN VELOCITY (FEET/SEC)	REGULATORY	WITHOUT FLOODWAY	WITH FLOODWAY	INCREASE
A	496	14	25	7.8	1,033.8	1,033.8	1,033.8	0.0
B	1,042	14	25	8.8	1,046.1	1,046.1	1,046.2	0.1
C	1,802	8	19	9.2	1,079.0	1,079.0	1,079.1	0.1

<sup>1</sup>Feet above confluence with Margie Branch

TABLE 24	<b>FEDERAL EMERGENCY MANAGEMENT AGENCY</b> <b>DOUGLAS COUNTY, GA</b> <b>AND INCORPORATED AREAS</b>	<b>FLOODWAY DATA</b>
		<b>FLOODING SOURCE: MARGIE BRANCH TRIBUTARY A</b>

LOCATION		FLOODWAY			1% ANNUAL CHANCE FLOOD WATER SURFACE ELEVATION (FEET NAVD88)			
CROSS SECTION	DISTANCE	WIDTH (FEET)	SECTION AREA (SQ. FEET)	MEAN VELOCITY (FEET/SEC)	REGULATORY	WITHOUT FLOODWAY	WITH FLOODWAY	INCREASE
<b>MASON CREEK</b>								
A	253 <sup>1</sup>	24	82	10.9	975.3	975.3	975.3	0.0
B	1,753 <sup>1</sup>	40	104	8.6	993.9	993.9	993.9	0.0
C	3,281 <sup>1</sup>	104	175	4.5	1,046.9	1,046.9	1,047.0	0.1
D	4,628 <sup>1</sup>	474	4,892	0.2	1,090.2	1,090.2	1,090.2	0.0
E	6,399 <sup>1</sup>	52	198	5.5	1,105.4	1,105.4	1,105.5	0.1
<b>MCCOY CREEK</b>								
A	566 <sup>2</sup>	89	200	7.6	1,011.4	1,011.2 <sup>3</sup>	1,012.2	1.0
B	2,176 <sup>2</sup>	14	83	12.8	1,027.6	1,027.6	1,027.7	0.1
C	3,725 <sup>2</sup>	20	91	11.8	1,056.5	1,056.5	1,056.5	0.0
D	5,248 <sup>2</sup>	42	61	8.6	1,072.1	1,072.1	1,072.2	0.1
E	7,145 <sup>2</sup>	27	88	5.9	1,098.9	1,098.9	1,099.2	0.3

<sup>1</sup>Feet above confluence with Mobley Creek\*    <sup>2</sup>Feet above confluence with Mobley Creek  
<sup>3</sup>Elevation computed without consideration of backwater effects from Keaton Creek  
\*Confluence is 188 feet downstream of zero stationing

TABLE 24	<b>FEDERAL EMERGENCY MANAGEMENT AGENCY</b>  <b>DOUGLAS COUNTY, GA</b>  <b>AND INCORPORATED AREAS</b>	<b>FLOODWAY DATA</b>  <b>FLOODING SOURCE: MASON CREEK-MCCOY CREEK</b>
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LOCATION		FLOODWAY			1% ANNUAL CHANCE FLOOD WATER SURFACE ELEVATION (FEET NAVD88)			
CROSS SECTION	DISTANCE	WIDTH (FEET)	SECTION AREA (SQ. FEET)	MEAN VELOCITY (FEET/SEC)	REGULATORY	WITHOUT FLOODWAY	WITH FLOODWAY	INCREASE
<b>MILL CREEK</b>								
A	1,841 <sup>1</sup>	194	879	2.8	937.2	937.2	937.5	0.3
B	4,702 <sup>1</sup>	223	653	3.8	946.3	946.3	946.9	0.6
C	8,035 <sup>1</sup>	150	484	3.7	964.7	964.7	965.7	1.0
D	11,303 <sup>1</sup>	28	98	4.3	994.1	994.1	994.4	0.3
E	12,562 <sup>1</sup>	18	76	5.5	1,023.3	1,023.3	1,024.3	1.0
F	13,625 <sup>1</sup>	164	2,371	0.2	1,066.7	1,066.7	1,066.8	0.1
G	14,533 <sup>1</sup>	22	116	3.6	1,077.2	1,077.2	1,078.1	0.9
<b>MILL CREEK TRIBUTARY A</b>								
A	1,417 <sup>2</sup>	46	193	5.1	994.0	994.0	994.9	0.9
B	2,004 <sup>2</sup>	34	196	5.0	1,025.2	1,025.2	1,026.2	1.0
C	3,070 <sup>2</sup>	22	90	6.8	1,039.3	1,039.3	1,039.9	0.6
D	3,516 <sup>2</sup>	26	129	4.8	1,047.7	1,047.7	1,048.5	0.8

<sup>1</sup> Feet above confluence with Gothards Creek

<sup>2</sup> Feet above Mil Creek

TABLE 24	<b>FEDERAL EMERGENCY MANAGEMENT AGENCY</b> <b>DOUGLAS COUNTY, GA</b> <b>AND INCORPORATED AREAS</b>	<b>FLOODWAY DATA</b>
		<b>FLOODING SOURCE: MILL CREEK-MILL CREEK TRIBUTARY A</b>

LOCATION		FLOODWAY			1% ANNUAL CHANCE FLOOD WATER SURFACE ELEVATION (FEET NAVD88)			
CROSS SECTION	DISTANCE	WIDTH (FEET)	SECTION AREA (SQ. FEET)	MEAN VELOCITY (FEET/SEC)	REGULATORY	WITHOUT FLOODWAY	WITH FLOODWAY	INCREASE
<b>MILLER CREEK</b>								
A	849 <sup>1</sup>	80	345	4.3	928.6	928.6	929.5	0.9
B	1,417 <sup>1</sup>	74	474	2.4	936.2	936.2	936.6	0.4
C	2,846 <sup>1</sup>	17	49	8.7	950.6	950.6	950.6	0.0
D	3,515 <sup>1</sup>	132	400	2.7	964.6	964.6	965.3	0.7
<b>MILLER CREEK TRIBUTARY A</b>								
A	381 <sup>2</sup>	80	104	4.4	942.3	942.3	942.9	0.6
B	818 <sup>2</sup>	35	58	8.4	952.8	952.8	952.8	0.0
C	1,086 <sup>2</sup>	62	454	0.3	970.6	970.6	970.6	0.1

<sup>1</sup>Feet above confluence with Beaver Creek  
<sup>2</sup>Feet above confluence with Miller Creek

TABLE 24	FEDERAL EMERGENCY MANAGEMENT AGENCY <b>DOUGLAS COUNTY, GA</b> AND INCORPORATED AREAS	<b>FLOODWAY DATA</b>
		<b>FLOODING SOURCE: MILLER CREEK-MILLER CREEK TRIBUTARY A</b>

LOCATION		FLOODWAY			1% ANNUAL CHANCE FLOOD WATER SURFACE ELEVATION (FEET NAVD88)			
CROSS SECTION	DISTANCE <sup>1</sup>	WIDTH (FEET)	SECTION AREA (SQ. FEET)	MEAN VELOCITY (FEET/SEC)	REGULATORY	WITHOUT FLOODWAY	WITH FLOODWAY	INCREASE
A	651	106	606	11.8	883.2	883.2	883.2	0.0
B	2,238	91	566	12.7	896.0	896.0	896.0	0.0
C	3,873	126	1,026	7.0	906.5	906.5	906.5	0.0
D	5,248	67	764	9.4	917.2	917.2	917.4	0.2
E	6,848	179	1,296	5.2	922.1	922.1	923.1	1.0
F	8,589	64	695	9.7	926.1	926.1	926.6	0.5
G	10,051	76	828	8.2	931.6	931.6	932.6	1.0
H	11,408	222	1,802	3.8	936.7	936.7	937.4	0.7
I	13,064	200	1,258	5.2	938.4	938.4	939.2	0.8
J	14,646	455	3,668	1.8	944.7	944.7	945.6	0.9
K	16,061	508	2,634	2.5	945.3	945.3	946.2	0.9
L	17,390	394	1,128	6.2	946.7	946.7	947.6	0.9
M	18,954	523	4,395	1.6	955.6	955.6	956.6	1.0
N	20,541	177	1,168	5.1	957.3	957.3	958.2	0.9
O	22,165	300	1,947	3.1	961.2	961.2	962.2	1.0
P	23,683	125	878	6.8	966.2	966.2	967.0	0.8
Q	25,146	134	905	6.6	969.1	969.1	969.9	0.8
R	26,694	174	837	4.3	972.6	972.6	973.4	0.8
S	28,073	263	2,002	1.7	980.1	980.1	981.0	0.9
T	29,570	56	419	8.0	983.7	983.7	984.6	0.9

<sup>1</sup>Feet above confluence with Dog River\*

\*Confluence is 125 feet downstream of zero stationing

TABLE 24

FEDERAL EMERGENCY MANAGEMENT AGENCY

**DOUGLAS COUNTY, GA**

AND INCORPORATED AREAS

**FLOODWAY DATA**

**FLOODING SOURCE: MOBLEY CREEK**

LOCATION		FLOODWAY			1% ANNUAL CHANCE FLOOD WATER SURFACE ELEVATION ( FEET NAVD88)			
CROSS SECTION	DISTANCE <sup>1</sup>	WIDTH (FEET)	SECTION AREA (SQ. FEET)	MEAN VELOCITY (FEET/ SEC)	REGULATORY	WITHOUT FLOODWAY	WITH FLOODWAY	INCREASE
<b>CONTINUED</b>								
U	31,192	61	371	8.7	989.4	989.4	990.4	1.0
V	32,760	204	821	3.9	996.7	996.7	997.7	1.0
W	34,377	58	380	8.5	1,003.6	1,003.6	1,004.6	1.0
X	35,757	89	387	6.6	1,008.9	1,008.9	1,009.8	0.9
Y	37,062	248	577	4.1	1,015.8	1,015.8	1,016.5	0.7
Z	38,448	897	1,924	4.7	1,027.4	1,027.4	1,027.4	0.0
AA	40,030	260	1,693	2.2	1,034.5	1,034.5	1,034.5	0.0
AB	41,540	67	381	6.2	1,044.8	1,044.8	1,045.2	0.4
AC	43,849	287	3,079	0.3	1,086.0	1,086.0	1,086.0	0.0
AD	45,068	34	138	6.4	1,098.5	1,098.5	1,098.5	0.0

<sup>1</sup>Feet above confluence with Dog River\*

\*Confluence is 125 feet downstream of zero stationing

TABLE 24

FEDERAL EMERGENCY MANAGEMENT AGENCY

**DOUGLAS COUNTY, GA**

AND INCORPORATED AREAS

**FLOODWAY DATA**

**FLOODING SOURCE: MOBLEY CREEK**

LOCATION		FLOODWAY			1% ANNUAL CHANCE FLOOD WATER SURFACE ELEVATION ( FEET NAVD88)			
CROSS SECTION	DISTANCE <sup>1</sup>	WIDTH (FEET)	SECTION AREA (SQ. FEET)	MEAN VELOCITY (FEET/ SEC)	REGULATORY	WITHOUT FLOODWAY	WITH FLOODWAY	INCREASE
A	396	32	225	9.1	935.7	934.2 <sup>2</sup>	935.1	0.9
B	2,095	210	420	4.9	950.6	950.6	950.6	0.0
C	5,026	54	236	8.7	979.7	979.7	979.8	0.1
D	6,551	200	420	4.9	993.5	993.5	993.5	0.0
E	7,910	26	98	5.8	1,006.2	1,006.2	1,006.8	0.6
F	8,984	40	107	5.0	1,028.6	1,028.6	1,029.2	0.6
G	10,142	165	1,244	0.4	1,054.0	1,054.0	1,054.0	0.0

<sup>1</sup>Feet above confluence with Mobley Creek

<sup>2</sup>Elevation computed without consideration of backwater effects from Mobley Creek

\*Confluence is 157 feet downstream of zero stationing

TABLE 24	<b>FEDERAL EMERGENCY MANAGEMENT AGENCY</b> <b>DOUGLAS COUNTY, GA</b> <b>AND INCORPORATED AREAS</b>	<b>FLOODWAY DATA</b>
		<b>FLOODING SOURCE: MOBLEY CREEK TRIBUTARY 6</b>

LOCATION		FLOODWAY			1% ANNUAL CHANCE FLOOD WATER SURFACE ELEVATION ( FEET NAVD88)			
CROSS SECTION	DISTANCE <sup>1</sup>	WIDTH (FEET)	SECTION AREA (SQ. FEET)	MEAN VELOCITY (FEET/ SEC)	REGULATORY	WITHOUT FLOODWAY	WITH FLOODWAY	INCREASE
A	1,234	266	527	6.1	973.3	973.3	973.3	0.0
B	1,972	200	894	3.6	980.0	980.0	980.0	0.0
C	3,729	199	757	4.2	989.9	989.9	990.7	0.8
D	5,284	53	355	7.7	1,002.0	1,002.0	1,002.6	0.6
E	6,820	90	344	7.9	1,012.6	1,012.6	1,012.5	-0.1
F	8,202	179	646	2.9	1,023.9	1,023.9	1,024.8	0.9
G	9,688	15	118	15.9	1,039.4	1,039.4	1,039.7	0.3
H	10,883	12	61	11.8	1,060.3	1,060.3	1,060.3	0.0
I	12,306	12	58	12.6	1,107.3	1,107.3	1,107.5	0.2

<sup>1</sup>Feet above confluence with Mobley Creek\*

\*Confluence is 153 feet downstream of zero stationing

TABLE 24

FEDERAL EMERGENCY MANAGEMENT AGENCY

DOUGLAS COUNTY, GA

AND INCORPORATED AREAS

FLOODWAY DATA

FLOODING SOURCE: MOBLEY CREEK TRIBUTARY 7

LOCATION		FLOODWAY			1% ANNUAL CHANCE FLOOD WATER SURFACE ELEVATION (FEET NAVD88)			
CROSS SECTION	DISTANCE <sup>1</sup>	WIDTH (FEET)	SECTION AREA (SQ. FEET)	MEAN VELOCITY (FEET/SEC)	REGULATORY	WITHOUT FLOODWAY	WITH FLOODWAY	INCREASE
A	14,846	360	2,040	2.2	945.0	945.0	946.0	1.0
B	16,677	410	3,260	1.4	949.6	949.6	950.5	0.9
C	18,937	350	2,240	2.0	952.6	952.6	953.4	0.8
D	21,339	370	2,660	1.5	955.0	955.0	955.9	0.9
E	23,697	540	3,190	1.2	956.6	956.6	957.6	1.0
F	28,297	320	1,300	1.9	964.2	964.2	965.2	1.0
G	31,289	320	1,480	1.7	971.4	971.4	972.3	0.9

<sup>1</sup>Feet above confluence with Sweetwater Creek

TABLE 24

FEDERAL EMERGENCY MANAGEMENT AGENCY

**DOUGLAS COUNTY, GA**

AND INCORPORATED AREAS

**FLOODWAY DATA**

**FLOODING SOURCE: MUD CREEK**

LOCATION		FLOODWAY			1% ANNUAL CHANCE FLOOD WATER SURFACE ELEVATION ( FEET NAVD88)			
CROSS SECTION	DISTANCE <sup>1</sup>	WIDTH (FEET)	SECTION AREA (SQ. FEET)	MEAN VELOCITY (FEET/ SEC)	REGULATORY	WITHOUT FLOODWAY	WITH FLOODWAY	INCREASE
A	301	55	239	4.9	989.1	988.7 <sup>2</sup>	989.7	1.0
B	1,934	34	115	10.1	1,006.6	1,006.6	1,006.6	0.0
C	3,629	155	713	2.1	1,056.0	1,056.0	1,056.0	0.0
D	5,047	76	385	2.9	1,068.3	1,068.3	1,069.3	1.0
E	6,497	85	725	1.5	1,092.5	1,092.4	1,092.4	0.0
F	9,267	64	185	5.9	1,108.3	1,108.3	1,108.5	0.2
G	10,559	53	152	7.2	1,123.1	1,123.1	1,123.2	0.1

<sup>1</sup>Feet above confluence with Keaton Creek\*

<sup>2</sup>Elevation computed without consideration of backwater effects from Keaton Creek

\*Confluence is 155 feet downstream of zero stationing

TABLE 24

FEDERAL EMERGENCY MANAGEMENT AGENCY

DOUGLAS COUNTY, GA

AND INCORPORATED AREAS

FLOODWAY DATA

FLOODING SOURCE: NALLEY CREEK

LOCATION		FLOODWAY			1% ANNUAL CHANCE FLOOD WATER SURFACE ELEVATION ( FEET NAVD88)			
CROSS SECTION	DISTANCE <sup>1</sup>	WIDTH (FEET)	SECTION AREA (SQ. FEET)	MEAN VELOCITY (FEET/ SEC)	REGULATORY	WITHOUT FLOODWAY	WITH FLOODWAY	INCREASE
A	478	103	253	5.7	954.2	954.2	954.7	0.5
B	1,917	96	823	1.8	976.7	976.7	977.5	0.8
C	3,525	50	144	6.4	990.2	990.2	990.4	0.2
D	5,161	72	204	4.6	1,013.6	1,013.6	1,013.8	0.2
E	6,760	68	231	4.0	1,038.5	1,038.5	1,038.7	0.2
F	8,379	147	279	3.3	1,070.2	1,070.2	1,070.2	0.0
G	9,604	62	216	2.3	1,094.8	1,094.8	1,095.1	0.3
H	11,266	61	126	4.0	1,134.7	1,134.7	1,134.9	0.2

<sup>1</sup>Feet above confluence with Billy Creek

TABLE 24

FEDERAL EMERGENCY MANAGEMENT AGENCY  
**DOUGLAS COUNTY, GA**  
 AND INCORPORATED AREAS

**FLOODWAY DATA**

**FLOODING SOURCE: NANCY LONG CREEK**

LOCATION		FLOODWAY			1% ANNUAL CHANCE FLOOD WATER SURFACE ELEVATION (FEET NAVD88)			
CROSS SECTION	DISTANCE <sup>1</sup>	WIDTH (FEET)	SECTION AREA (SQ. FEET)	MEAN VELOCITY (FEET/SEC)	REGULATORY	WITHOUT FLOODWAY	WITH FLOODWAY	INCREASE
A	897	60	370	9.0	762.6	762.6	762.7	0.1
B	2,207	50	354	9.1	782.1	782.1	782.4	0.3
C	3,236	64	470	6.6	796.6	796.6	797.3	0.7
D	4,499	68	527	4.4	811.4	811.4	812.0	0.6
E	6,121	107	553	4.2	828.9	828.9	829.1	0.2
F	7,424	55	276	6.5	840.4	840.4	840.8	0.4
G	8,953	145	360	5.0	853.8	853.8	854.1	0.3
H	10,420	52	148	7.4	873.7	873.7	873.8	0.1
I	11,647	16	48	8.9	892.9	892.9	893.4	0.5

<sup>1</sup>Feet above confluence with Sweetwater Creek

TABLE 24

FEDERAL EMERGENCY MANAGEMENT AGENCY

**DOUGLAS COUNTY, GA**

AND INCORPORATED AREAS

**FLOODWAY DATA**

**FLOODING SOURCE: PALMER BRANCH**

LOCATION		FLOODWAY			1% ANNUAL CHANCE FLOOD WATER SURFACE ELEVATION (FEET NAVD88)			
CROSS SECTION	DISTANCE <sup>1</sup>	WIDTH (FEET)	SECTION AREA (SQ. FEET)	MEAN VELOCITY (FEET/SEC)	REGULATORY	WITHOUT FLOODWAY	WITH FLOODWAY	INCREASE
<b>PALMER BRANCH TRIBUTARY A</b>								
A	553	170	1,300	0.1	829.0	829.0	829.0	0.0
B	1,677	6	11	7.8	857.1	857.1	857.1	0.0
C	2,478	10	13	6.8	908.0	908.0	908.0	0.0
<b>PALMER BRANCH TRIBUTARY B</b>								
A	287	45	168	5.1	810.4	810.4	810.7	0.3
B	1,554	34	117	7.3	829.0	829.0	829.3	0.3
C	2,398	30	113	7.5	859.1	859.1	859.4	0.3
<b>PALMER BRANCH TRIBUTARY C</b>								
A	361	44	139	6.3	860.7	860.8	861.1	0.3
B	868	70	427	2.0	881.2	881.2	882.1	0.9
C	1,669	19	38	7.2	928.8	928.8	928.8	0.0
D	2,443	34	54	5.1	1,004.8	1,004.8	1,004.8	0.0

<sup>1</sup>Feet above confluence with Palmer Branch

TABLE 24	<b>FEDERAL EMERGENCY MANAGEMENT AGENCY</b> <b>DOUGLAS COUNTY, GA</b> <b>AND INCORPORATED AREAS</b>	<b>FLOODWAY DATA</b>
		<b>FLOODING SOURCE: PALMER BRANCH TRIBUTARY A- PALMER BRANCH TRIBUTARY B- PALMER BRANCH TRIBUTARY C</b>

LOCATION		FLOODWAY			1% ANNUAL CHANCE FLOOD WATER SURFACE ELEVATION (FEET NAVD88)			
CROSS SECTION	DISTANCE <sup>1</sup>	WIDTH (FEET)	SECTION AREA (SQ. FEET)	MEAN VELOCITY (FEET/SEC)	REGULATORY	WITHOUT FLOODWAY	WITH FLOODWAY	INCREASE
A	119	211 <sup>2</sup>	452	4.7	773.9	773.9	774.7	0.8
B	991	97	394	5.4	780.9	780.9	781.9	1.0
C	2,335	85	476	4.5	796.7	796.7	797.5	0.8
D	3,353	89	333	5.7	805.5	805.5	805.9	0.4
E	4,347	114	506	3.7	814.3	814.3	815.3	1.0
F	5,051	100	327	5.8	824.6	824.6	825.2	0.6
G	5,201	48	178	4.7	826.6	826.6	827.5	0.9
H	6,228	81	162	5.1	877.4	877.4	877.5	0.1
I	7,136	24	85	9.9	895.7	895.7	895.8	0.1
J	7,519	144	252	3.3	907.4	907.4	907.4	0.0
K	7,753	144	713	1.8	915.3	915.3	916.1	0.8
L	8,096	14	95	8.8	917.5	917.5	917.8	0.3
M	8,946	107	291	2.9	933.3	933.3	934.3	1.0

<sup>1</sup>Feet above confluence with Chapel Farms Creek  
<sup>2</sup>Combined floodway width with Chapel Farms Creek

TABLE 24	<b>FEDERAL EMERGENCY MANAGEMENT AGENCY</b> <b>DOUGLAS COUNTY, GA</b> <b>AND INCORPORATED AREAS</b>	<b>FLOODWAY DATA</b> <b>FLOODING SOURCE: PANTHER CREEK</b>
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LOCATION		FLOODWAY			1% ANNUAL CHANCE FLOOD WATER SURFACE ELEVATION (FEET NAVD88)			
CROSS SECTION	DISTANCE <sup>1</sup>	WIDTH (FEET)	SECTION AREA (SQ. FEET)	MEAN VELOCITY (FEET/SEC)	REGULATORY	WITHOUT FLOODWAY	WITH FLOODWAY	INCREASE
A	99	79	259	2.9	826.2	826.2	827.2	1.0
B	540	32	81	9.3	832.6	932.6	932.7	0.1
C	1,318	100	156	4.8	851.2	851.2	851.3	0.1

<sup>1</sup>Feet above confluence with Panther Creek

TABLE 24

FEDERAL EMERGENCY MANAGEMENT AGENCY

**DOUGLAS COUNTY, GA**

AND INCORPORATED AREAS

**FLOODWAY DATA**

**FLOODING SOURCE: PANTHER CREEK TRIBUTARY A**

LOCATION		FLOODWAY			1% ANNUAL CHANCE FLOOD WATER SURFACE ELEVATION (FEET NAVD88)			
CROSS SECTION	DISTANCE <sup>1</sup>	WIDTH (FEET)	SECTION AREA (SQ. FEET)	MEAN VELOCITY (FEET/SEC)	REGULATORY	WITHOUT FLOODWAY	WITH FLOODWAY	INCREASE
<b>PARK CREEK</b>								
A	2,388	109	817	2.2	888.7	888.7	889.2	0.5
B	2,805	179	1,329	1.4	893.8	893.8	894.5	0.7
C	3,682	134	776	2.3	889.7	899.7	900.4	0.7
D	4,936	72	188	6.5	908.8	908.8	908.9	0.1
E	5,672	73	322	3.8	919.5	919.5	920.5	1.0
F	6,177	90	463	2.7	927.6	927.6	928.1	0.5
G	6,891	85	179	6.9	938.0	938.0	938.1	0.1
H	7,238	83	208	5.9	948.2	948.2	948.3	0.1
I	7,770	71	150	8.2	958.7	958.7	958.7	0.0
<b>PINE CREEK</b>								
A	2,278	101	1,176	0.5	889.9	889.9	889.9	0.0
B	3,544	125	821	0.8	890.0	890.0	890.0	0.0

<sup>1</sup>Feet above confluence with Sweetwater Creek

TABLE 24

FEDERAL EMERGENCY MANAGEMENT AGENCY  
**DOUGLAS COUNTY, GA**  
 AND INCORPORATED AREAS

**FLOODWAY DATA**

**FLOODING SOURCE: PARK CREEK-PINE CREEK**

LOCATION		FLOODWAY			1% ANNUAL CHANCE FLOOD WATER SURFACE ELEVATION (FEET NAVD88)			
CROSS SECTION	DISTANCE	WIDTH (FEET)	SECTION AREA (SQ. FEET)	MEAN VELOCITY (FEET/SEC)	REGULATORY	WITHOUT FLOODWAY	WITH FLOODWAY	INCREASE
<b>PINEWOOD BRANCH</b>								
A	2,022 <sup>1</sup>	105	249	4.8	891.8	891.8	892.2	0.4
B	2,602 <sup>1</sup>	81	114	8.2	902.6	902.6	902.6	0.0
C	3,301 <sup>1</sup>	150	395	2.4	919.5	919.5	920.4	0.9
D	3,885 <sup>1</sup>	105	152	6.2	930.4	930.4	930.5	0.1
E	4,490 <sup>1</sup>	116	237	4.0	942.3	942.3	942.3	0.0
<b>PINEWOOD BRANCH TRIBUTARY A</b>								
A	716 <sup>2</sup>	32	46	6.9	914.5	914.5	914.6	0.1
B	1,297 <sup>2</sup>	32	130	2.3	930.7	930.7	930.7	0.0
C	1,678 <sup>2</sup>	12	36	8.2	935.4	935.4	935.8	0.4
D	2,322 <sup>2</sup>	24	48	6.2	957.0	957.0	957.0	0.0
E	2,701 <sup>2</sup>	36	146	2.0	968.3	968.3	969.1	0.8

<sup>1</sup>Feet above confluence with Park Creek

<sup>2</sup>Feet above confluence with Pinewood Branch

TABLE 24

FEDERAL EMERGENCY MANAGEMENT AGENCY

**DOUGLAS COUNTY, GA**

AND INCORPORATED AREAS

**FLOODWAY DATA**

**FLOODING SOURCE: PINEWOOD BRANCH- PINEWOOD BRANCH TRIBUTARY A**

LOCATION		FLOODWAY			1% ANNUAL CHANCE FLOOD WATER SURFACE ELEVATION (FEET NAVD88)			
CROSS SECTION	DISTANCE <sup>1</sup>	WIDTH (FEET)	SECTION AREA (SQ. FEET)	MEAN VELOCITY (FEET/SEC)	REGULATORY	WITHOUT FLOODWAY	WITH FLOODWAY	INCREASE
A	435	150	414	6.6	917.7	917.5 <sup>2</sup>	917.5	0.0
B	2,251	27	201	13.6	938.3	938.3	938.8	0.5
C	3,763	144	366	5.3	950.8	950.8	951.6	0.8
D	5,298	33	157	12.3	969.0	969.0	969.0	0.0
E	6,935	96	241	8.0	980.8	980.8	980.8	0.0
F	8,399	30	89	9.8	998.4	998.4	998.6	0.2
G	10,366	25	106	7.8	1,020.4	1,020.4	1,021.3	0.9
H	12,274	15	68	12.1	1,049.0	1,049.0	1,049.1	0.1

<sup>1</sup>Feet above confluence with Mobley Creek\*

<sup>2</sup>Elevation computed without consideration of backwater effects from Mobley Creek

\*Confluence is 144 feet downstream of zero stationing

TABLE 24

FEDERAL EMERGENCY MANAGEMENT AGENCY

**DOUGLAS COUNTY, GA**

AND INCORPORATED AREAS

**FLOODWAY DATA**

**FLOODING SOURCE: POOL CREEK**

LOCATION		FLOODWAY			1% ANNUAL CHANCE FLOOD WATER SURFACE ELEVATION (FEET NAVD88)			
CROSS SECTION	DISTANCE <sup>1</sup>	WIDTH (FEET)	SECTION AREA (SQ. FEET)	MEAN VELOCITY (FEET/SEC)	REGULATORY	WITHOUT FLOODWAY	WITH FLOODWAY	INCREASE
A	884	56	215	5.5	1,000.1	1,000.1	1,001.0	0.9
B	1,656	56	156	4.5	1,009.8	1,009.8	1,010.6	0.8
C	2,498	37	88	8.0	1,022.0	1,022.0	1,022.0	0.0
D	3,617	37	91	7.7	1,038.6	1,038.6	1,038.6	0.0
E	4,769	28	48	8.4	1,058.8	1,058.8	1,058.8	0.0
F	5,762	91	106	3.8	1,077.8	1,077.8	1,077.8	0.0

<sup>1</sup>Feet above confluence with Hurricane Creek

<b>TABLE 24</b>	<b>FEDERAL EMERGENCY MANAGEMENT AGENCY</b>	<b>FLOODWAY DATA</b>
	<b>DOUGLAS COUNTY, GA</b>	
	<b>AND INCORPORATED AREAS</b>	<b>FLOODING SOURCE: SHELL CREEK</b>

LOCATION		FLOODWAY			1% ANNUAL CHANCE FLOOD WATER SURFACE ELEVATION (FEET NAVD88)			
CROSS SECTION	DISTANCE <sup>1</sup>	WIDTH (FEET)	SECTION AREA (SQ. FEET)	MEAN VELOCITY (FEET/SEC)	REGULATORY	WITHOUT FLOODWAY	WITH FLOODWAY	INCREASE
A	861	21	153	11.4	778.4	778.4	778.5	0.1
B	1,795	25	157	9.6	802.4	802.4	802.7	0.3
C	3,211	73	350	7.3	825.8	825.8	826.5	0.7
D	3,850	58	209	7.6	833.7	833.7	834.0	0.3
E	5,129	10	74	14.0	854.0	854.0	854.2	0.2
F	7,041	56	191	5.5	886.3	886.3	886.9	0.6
G	8,915	39	131	6.0	924.8	924.8	925.4	0.6
H	10,527	45	108	7.3	960.6	960.6	960.7	0.1

<sup>1</sup>Feet above confluence with Sweewater Creek

TABLE 24

FEDERAL EMERGENCY MANAGEMENT AGENCY

**DOUGLAS COUNTY, GA**

AND INCORPORATED AREAS

**FLOODWAY DATA**

**FLOODING SOURCE: SHOALS BRANCH**

LOCATION		FLOODWAY			1% ANNUAL CHANCE FLOOD WATER SURFACE ELEVATION (FEET NAVD88)			
CROSS SECTION	DISTANCE <sup>1</sup>	WIDTH (FEET)	SECTION AREA (SQ. FEET)	MEAN VELOCITY (FEET/SEC)	REGULATORY	WITHOUT FLOODWAY	WITH FLOODWAY	INCREASE
<b>SHOALS BRANCH TRIBUTARY A</b>								
A	666	39	125	5.5	840.4	840.4	841.1	0.7
B	1,466	16	62	11.0	873.0	873.0	873.5	0.5
<b>SHOALS BRANCH TRIBUTARY B</b>								
A	84	26	101	6.5	844.5	844.5	845.4	0.9
B	635	53	119	5.5	861.3	861.3	861.3	0.0
C	1,101	60	138	4.7	877.5	877.5	877.5	0.0

<sup>1</sup>Feet above confluence with Shoals Branch

TABLE 24	<b>FEDERAL EMERGENCY MANAGEMENT AGENCY</b> <b>DOUGLAS COUNTY, GA</b> <b>AND INCORPORATED AREAS</b>	<b>FLOODWAY DATA</b>
		<b>FLOODING SOURCE: SHOALS BRANCH TRIBUTARY A- SHOALS BRANCH TRIBUTARY B</b>

LOCATION		FLOODWAY			1% ANNUAL CHANCE FLOOD WATER SURFACE ELEVATION (FEET NAVD88)			
CROSS SECTION	DISTANCE <sup>1</sup>	WIDTH (FEET)	SECTION AREA (SQ. FEET)	MEAN VELOCITY (FEET/SEC)	REGULATORY	WITHOUT FLOODWAY	WITH FLOODWAY	INCREASE
A	1,456	80	303	4.8	880.7	880.7	881.7	1.0
B	3,191	91	673	2.2	898.6	898.6	899.6	1.0
C	4,249	26	176	8.3	905.8	905.8	906.2	0.4
D	5,373	17	121	7.5	912.6	912.6	913.0	0.4
E	6,590	42	392	2.3	928.8	928.8	929.4	0.6
F	7,431	38	228	4.0	929.3	929.3	930.0	0.7
G	8,201	24	92	9.8	933.7	933.7	933.7	0.0

<sup>1</sup>Feet above confluence with Anneewakee Creek

TABLE 24

FEDERAL EMERGENCY MANAGEMENT AGENCY

DOUGLAS COUNTY, GA

AND INCORPORATED AREAS

FLOODWAY DATA

FLOODING SOURCE: SIMON CREEK

LOCATION		FLOODWAY			1% ANNUAL CHANCE FLOOD WATER SURFACE ELEVATION (FEET NAVD88)			
CROSS SECTION	DISTANCE <sup>1</sup>	WIDTH (FEET)	SECTION AREA (SQ. FEET)	MEAN VELOCITY (FEET/SEC)	REGULATORY	WITHOUT FLOODWAY	WITH FLOODWAY	INCREASE
A	242	281	2,195	3.8	950.7	950.7	951.2	0.5
B	1,263	39	280	15.1	959.8	959.8	959.8	0.0
C	2,427	143	603	7.0	982.5	982.5	982.5	0.0
D	4,044	320	881	4.8	997.5	997.5	997.5	0.0
E	5,202	60	299	10.4	1,003.4	1,003.4	1,004.0	0.6
F	5,262	60	738	5.0	1,012.6	1,012.6	1,013.2	0.6
G	5,852	73	691	4.5	1,013.1	1,013.1	1,013.6	0.5
H	6,173	73	1,477	2.5	1,026.8	1,026.8	1,027.3	0.5
I	6,731	131	357	8.7	1,029.0	1,029.0	1,029.0	0.0
J	6,830	359	1,131	2.7	1,031.6	1,031.6	1,031.6	0.0
K	6,984	190	666	1.6	1,032.4	1,032.4	1,032.4	0.0
L	8,107	75	299	3.7	1,043.0	1,043.0	1,043.9	0.9
M	8,540	41	126	8.7	1,049.9	1,049.9	1,049.9	0.0
N	8,629	233	476	2.4	1,053.6	1,053.6	1,053.6	0.0
O	8,710	137	235	4.7	1,054.4	1,054.4	1,054.4	0.0
P	8,761	118	217	5.0	1,056.5	1,056.5	1,056.5	0.0
Q	8,986	35	118	9.2	1,059.3	1,059.3	1,059.5	0.2

<sup>1</sup>Feet above confluence with Little Anneewakee Creek

TABLE 24	<b>FEDERAL EMERGENCY MANAGEMENT AGENCY</b> <b>DOUGLAS COUNTY, GA</b> <b>AND INCORPORATED AREAS</b>	<b>FLOODWAY DATA</b>
		<b>FLOODING SOURCE: SLATER MILL CREEK</b>

LOCATION		FLOODWAY			1% ANNUAL CHANCE FLOOD WATER SURFACE ELEVATION (FEET NAVD88)			
CROSS SECTION	DISTANCE <sup>1</sup>	WIDTH (FEET)	SECTION AREA (SQ. FEET)	MEAN VELOCITY (FEET/SEC)	REGULATORY	WITHOUT FLOODWAY	WITH FLOODWAY	INCREASE
A	78	223	545	2.5	1,031.7	1,031.7	1,031.7	0.0
B	1,211	80	293	4.7	1,041.4	1,041.4	1,041.4	0.0
C	1,288	76	352	4.4	1,045.1	1,045.1	1,045.1	0.0
D	2,681	38	177	7.9	1,055.6	1,055.6	1,055.7	0.1
E	2,796	70	814	2.5	1,067.8	1,067.8	1,068.6	0.8
F	3,758	130	634	2.2	1,068.0	1,068.0	1,068.9	0.9
G	5,109	79	169	8.7	1,084.8	1,084.8	1,084.8	0.0
H	5,129	80	293	5.4	1,086.8	1,086.8	1,087.6	0.8
I	6,419	167	329	4.3	1,109.9	1,109.9	1,110.0	0.1
J	6,490	76	318	4.7	1,111.7	1,111.7	1,112.3	0.6
K	7,936	77	180	7.8	1,154.6	1,154.6	1,154.7	0.1
L	8,022	140	490	3.4	1,160.3	1,160.3	1,160.3	0.0
M	8,353	95	210	6.7	1,170.5	1,170.5	1,170.6	0.1

<sup>1</sup>Feet above confluence with Slater Mill Creek

TABLE 24	<b>FEDERAL EMERGENCY MANAGEMENT AGENCY</b> <b>DOUGLAS COUNTY, GA</b> <b>AND INCORPORATED AREAS</b>	<b>FLOODWAY DATA</b> <b>FLOODING SOURCE: SLATER MILL CREEK TRIBUTARY A</b>
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LOCATION		FLOODWAY			1% ANNUAL CHANCE FLOOD WATER SURFACE ELEVATION (FEET NAVD88)			
CROSS SECTION	DISTANCE <sup>1</sup>	WIDTH (FEET)	SECTION AREA (SQ. FEET)	MEAN VELOCITY (FEET/SEC)	REGULATORY	WITHOUT FLOODWAY	WITH FLOODWAY	INCREASE
A	134	147	681	1.1	1,032.3	1,032.3	1,032.3	0.0
B	1,217	34	126	5.8	1,038.8	1,038.8	1,039.0	0.2
C	2,343	15	69	10.6	1,049.0	1,049.0	1,049.4	0.4
D	2,456	18	173	4.3	1,054.4	1,054.4	1,055.4	1.0
E	3,081	26	77	9.5	1,059.1	1,059.1	1,059.2	0.1
F	3,759	29	88	8.4	1,069.1	1,069.1	1,069.1	0.0

<sup>1</sup>Feet above confluence with Slater Mill Creek

TABLE 24

FEDERAL EMERGENCY MANAGEMENT AGENCY

**DOUGLAS COUNTY, GA**

AND INCORPORATED AREAS

**FLOODWAY DATA**

**FLOODING SOURCE: SLATER MILL CREEK TRIBUTARY B**

LOCATION		FLOODWAY			1% ANNUAL CHANCE FLOOD WATER SURFACE ELEVATION (FEET NAVD88)			
CROSS SECTION	DISTANCE <sup>1</sup>	WIDTH (FEET)	SECTION AREA (SQ. FEET)	MEAN VELOCITY (FEET/SEC)	REGULATORY	WITHOUT FLOODWAY	WITH FLOODWAY	INCREASE
A	1,269	44	237	8.2	945.6	945.6	945.7	0.1
B	2,925	25	123	13.7	955.5	955.5	955.6	0.1
C	3,894	25	172	6.7	966.2	966.2	966.6	0.4
D	4,793	98	407	5.0	972.3	972.3	973.3	1.0
E	5,496	68	305	5.3	977.7	977.7	978.7	1.0
F	6,329	33	105	11.6	989.5	989.5	989.6	0.1
G	7,595	17	59	11.3	1,026.6	1,026.6	1,026.8	0.2
H	8,797	29	77	10.3	1,056.0	1,056.0	1,056.5	0.5
I	9,694	14	53	11.0	1,073.9	1,073.9	1,074.2	0.3

<sup>1</sup>Feet above confluence with Hickory Creek

TABLE 24

FEDERAL EMERGENCY MANAGEMENT AGENCY

DOUGLAS COUNTY, GA

AND INCORPORATED AREAS

FLOODWAY DATA

FLOODING SOURCE: SPIVEY BRANCH

LOCATION		FLOODWAY			1% ANNUAL CHANCE FLOOD WATER SURFACE ELEVATION (FEET NAVD88)			
CROSS SECTION	DISTANCE <sup>1</sup>	WIDTH (FEET)	SECTION AREA (SQ. FEET)	MEAN VELOCITY (FEET/SEC)	REGULATORY	WITHOUT FLOODWAY	WITH FLOODWAY	INCREASE
<b>SPIVEY BRANCH TRIBUTARY A</b>								
A	500	31	40	6.4	974.7	974.7	974.7	0.0
B	1,689	13	29	8.7	987.0	987.0	987.2	0.2
C	3,367	23	37	8.2	1,027.1	1,027.1	1,027.1	0.0
D	3,707	25	132	2.7	1,036.8	1,036.8	1,037.5	0.7
<b>SPIVEY BRANCH TRIBUTARY B</b>								
A	547	22	96	13.1	986.5	986.5	986.7	0.2
B	1,644	110	997	0.9	1,002.5	1,002.5	1,002.5	0.0

<sup>1</sup>Feet above confluence with Spivey Branch

TABLE 24	<b>FEDERAL EMERGENCY MANAGEMENT AGENCY</b> <b>DOUGLAS COUNTY, GA</b> <b>AND INCORPORATED AREAS</b>	<b>FLOODWAY DATA</b>
		<b>FLOODING SOURCE: SPIVEY BRANCH TRIBUTARY A- SPIVEY BRANCH TRIBUTARY B</b>

LOCATION		FLOODWAY			1% ANNUAL CHANCE FLOOD WATER SURFACE ELEVATION (FEET NAVD88)			
CROSS SECTION	DISTANCE <sup>1</sup>	WIDTH (FEET)	SECTION AREA (SQ. FEET)	MEAN VELOCITY (FEET/SEC)	REGULATORY	WITHOUT FLOODWAY	WITH FLOODWAY	INCREASE
A	1,112	119	2,526	6.8	756.6	747.5 <sup>2</sup>	748.4	0.9
B	2,362	139	2,696	6.3	756.6	749.3 <sup>2</sup>	750.1	0.8
C	4,816	279	5,034	3.4	756.6	751.5 <sup>2</sup>	752.5	1.0
D	6,849	450	5,543	3.0	756.6	752.7 <sup>2</sup>	753.7	1.0
E	9,496	164	2,672	6.2	756.6	754.2 <sup>2</sup>	755.1	0.9
F	11,819	167	1,562	10.7	757.7	757.7	758.4	0.7
G	13,155	400	3,648	4.6	766.5	766.5	766.7	0.2
H	15,432	189	1,465	11.4	774.2	774.2	774.2	0.0
I	17,497	152	1,112	15.0	795.4	795.4	795.4	0.0
J	18,847	384	2,119	7.9	814.8	814.8	814.8	0.0
K	19,742	386	2,194	7.6	835.1	835.1	835.2	0.1
L	20,628	358	1,621	10.3	851.9	851.9	851.9	0.0
M	22,843	152	2,186	7.6	863.6	863.6	863.9	0.3
N	24,818	141	2,284	7.3	867.3	867.3	868.1	0.8
O	29,236	510	5,808	2.9	872.6	872.6	873.5	0.9
P	33,488	513	6,171	2.7	876.5	876.5	877.5	1.0
Q	35,952	439	6,021	2.8	877.9	877.9	878.8	0.9
R	38,324	233	3,988	4.2	879.8	879.8	880.5	0.7
S	40,585	1,526	18,690	0.9	881.1	881.1	882.0	0.9
T	44,631	615	7,596	2.2	881.7	881.7	882.6	0.9
U	47,810	478	7,526	2.2	883.7	883.7	884.6	0.9
V	50,155	498	8,337	2.0	884.8	884.8	885.7	0.9
W	52,410	778	11,051	1.5	885.6	885.6	886.5	0.9
X	54,339	922	10,841	1.5	886.8	886.8	887.6	0.8

<sup>1</sup>Feet above confluence with Chattahoochee River

<sup>2</sup>Elevation computed without consideration of backwater effects from Chattahoochee River

TABLE 24	<b>FEDERAL EMERGENCY MANAGEMENT AGENCY</b>  <b>DOUGLAS COUNTY, GA</b>  <b>AND INCORPORATED AREAS</b>	<b>FLOODWAY DATA</b>  <b>FLOODING SOURCE: SWEETWATER CREEK</b>
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LOCATION		FLOODWAY			1% ANNUAL CHANCE FLOOD WATER SURFACE ELEVATION (FEET NAVD88)			
CROSS SECTION	DISTANCE <sup>1</sup>	WIDTH (FEET)	SECTION AREA (SQ. FEET)	MEAN VELOCITY (FEET/SEC)	REGULATORY	WITHOUT FLOODWAY	WITH FLOODWAY	INCREASE
Y	57,362	499	7,417	2.2	887.6	887.6	888.5	0.9
Z	59,490	176	3,289	5.0	888.6	888.6	889.4	0.8
AA	61,741	308	5,428	3.0	890.2	890.2	891.2	1.0
AB	187,255	420/970 <sup>2</sup>	4,470	0.8	946.8	946.8	947.6	0.8

<sup>1</sup>Feet above confluence with Chattahoochee River  
<sup>2</sup>Width within county/total width

TABLE 24	<b>FEDERAL EMERGENCY MANAGEMENT AGENCY</b> <b>DOUGLAS COUNTY, GA</b> <b>AND INCORPORATED AREAS</b>	<b>FLOODWAY DATA</b> <b>FLOODING SOURCE: SWEETWATER CREEK</b>
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LOCATION		FLOODWAY			1% ANNUAL CHANCE FLOOD WATER SURFACE ELEVATION (FEET NAVD88)			
CROSS SECTION	DISTANCE <sup>1</sup>	WIDTH (FEET)	SECTION AREA (SQ. FEET)	MEAN VELOCITY (FEET/SEC)	REGULATORY	WITHOUT FLOODWAY	WITH FLOODWAY	INCREASE
<b>SWEETWATER CREEK TRIBUTARY A</b>								
A	1,464	40	107	5.6	757.6	757.6	757.6	0.0
B	2,138	19	59	10.2	769.4	769.4	769.4	0.0
C	2,605	148	1,598	0.4	792.0	792.0	793.0	1.0
<b>SWEETWATER CREEK TRIBUTARY B</b>								
A	1,172	17	54	10.7	756.6	751.8 <sup>2</sup>	751.9	0.1
B	2,024	35	76	7.5	773.4	773.4	773.6	0.2
<b>SWEETWATER CREEK TRIBUTARY C</b>								
A	1,742	56	206	7.7	756.6	756.6	756.9	0.3
B	2,635	53	159	8.3	765.3	765.3	765.6	0.3
C	3,570	76	240	5.5	786.6	786.6	786.8	0.2

<sup>1</sup>Feet above confluence with Sweetwater Creek

<sup>2</sup>Elevation computed without consideration of backwater effects from Chattahoochee River

TABLE 24	<b>FEDERAL EMERGENCY MANAGEMENT AGENCY</b>  <b>DOUGLAS COUNTY, GA</b>  <b>AND INCORPORATED AREAS</b>	<b>FLOODWAY DATA</b>
		<b>FLOODING SOURCE: SWEETWATER CREEK TRIBUTARY A- SWEETWATER CREEK TRIBUTARY B- SWEETWATER CREEK TRIBUTARY C</b>

LOCATION		FLOODWAY			1% ANNUAL CHANCE FLOOD WATER SURFACE ELEVATION (FEET NAVD88)			
CROSS SECTION	DISTANCE <sup>1</sup>	WIDTH (FEET)	SECTION AREA (SQ. FEET)	MEAN VELOCITY (FEET/SEC)	REGULATORY	WITHOUT FLOODWAY	WITH FLOODWAY	INCREASE
<b>SWEETWATER CREEK TRIBUTARY D</b>								
A	2,105	78	226	5.2	756.6	753.9	754.3	0.4
B	2,961	54	192	6.1	765.3	765.3	765.6	0.3
C	4,238	53	187	6.3	786.8	786.8	787.2	0.4
D	5,324	93	243	2.4	802.8	802.8	803.7	0.9
E	6,264	83	252	2.3	817.8	817.8	818.8	1.0
F	7,532	8	43	13.2	843.7	843.7	843.9	0.2
<b>SWEETWATER CREEK TRIBUTARY E</b>								
A	1,014	58	221	6.2	790.5	790.5	791.1	0.6
B	2,290	40	198	6.9	821.1	821.1	821.8	0.7
C	3,236	55	203	6.7	847.5	847.5	847.8	0.3
D	4,143	66	241	5.7	876.8	876.8	877.1	0.3
<b>SWEETWATER CREEK TRIBUTARY F</b>								
A	619	50	101	8.4	875.9	871.7 <sup>2</sup>	871.7	0.0
B	1,304	50	143	6.0	906.8	906.8	906.9	0.1
C	1,699	23	101	8.4	929.3	929.3	930.1	0.8
D	2,452	113	410	2.1	947.6	947.6	948.6	1.0

<sup>1</sup>Feet above confluence with Sweetwater Creek  
<sup>2</sup>Elevation computed without consideration of backwater effects from Sweetwater Creek

TABLE 24	<b>FEDERAL EMERGENCY MANAGEMENT AGENCY</b>	<b>FLOODWAY DATA</b>
	<b>DOUGLAS COUNTY, GA</b>	
	<b>AND INCORPORATED AREAS</b>	<b>FLOODING SOURCE: SWEETWATER CREEK TRIBUTARY D-SWEETWATER CREEK TRIBUTARY E- SWEETWATER CREEK TRIBUTARY F</b>

LOCATION		FLOODWAY			1% ANNUAL CHANCE FLOOD WATER SURFACE ELEVATION (FEET NAVD88)			
CROSS SECTION	DISTANCE <sup>1</sup>	WIDTH (FEET)	SECTION AREA (SQ. FEET)	MEAN VELOCITY (FEET/SEC)	REGULATORY	WITHOUT FLOODWAY	WITH FLOODWAY	INCREASE
<b>SWEETWATER CREEK TRIBUTARY G</b>								
A	1,254	67	145	5.6	882.6	882.6	882.6	0.0
B	1,593	60	501	1.6	914.4	914.4	914.8	0.4
C	2,482	11	39	10.6	930.1	930.1	930.5	0.4
D	3,564	36	73	5.7	967.4	967.4	967.9	0.5
E	3,981	150	1,911	0.2	991.6	991.6	992.1	0.5
<b>SWEETWATER CREEK TRIBUTARY H</b>								
A	2,762	181	541	4.6	883.8	883.8	883.8	0.0
B	4,366	111	598	2.1	902.6	902.6	903.0	0.4
<b>SWEETWATER CREEK TRIBUTARY I</b>								
A	1,727	33	172	1.6	885.4	885.4	886.3	0.9
B	2,392	12	32	8.7	899.8	899.8	899.8	0.0
C	2,923	27	102	2.7	915.4	915.4	916.0	0.6

<sup>1</sup>Feet above confluence with Sweetwater Creek

TABLE 24	<b>FEDERAL EMERGENCY MANAGEMENT AGENCY</b> <b>DOUGLAS COUNTY, GA</b> <b>AND INCORPORATED AREAS</b>	<b>FLOODWAY DATA</b>
		<b>FLOODING SOURCE: SWEETWATER CREEK TRIBUTARY G-  SWEETWATER CREEK TRIBUTARY H-SWEETWATER CREEK TRIBUTARY I</b>

LOCATION		FLOODWAY			1% ANNUAL CHANCE FLOOD WATER SURFACE ELEVATION (FEET NAVD88)			
CROSS SECTION	DISTANCE <sup>1</sup>	WIDTH (FEET)	SECTION AREA (SQ. FEET)	MEAN VELOCITY (FEET/SEC)	REGULATORY	WITHOUT FLOODWAY	WITH FLOODWAY	INCREASE
<b>SWEETWATER CREEK TRIBUTARY J</b>								
A	1,966	56	335	3.3	889.3	889.3	889.3	0.0
B	3,283	12	43	7.7	906.1	906.1	906.9	0.8
C	3,877	115	176	1.9	916.9	916.9	917.0	0.1
D	4,477	19	56	5.9	926.7	926.7	927.0	0.3
<b>SWEETWATER CREEK TRIBUTARY K</b>								
A	3,398	44	103	6.8	891.4	891.4	891.5	0.1
B	3,883	363	2,701	0.1	905.7	905.7	905.7	0.0
C	5,043	56	121	2.3	915.1	915.1	916.0	0.9

<sup>1</sup>Feet above confluence with Sweetwater Creek

TABLE 24	FEDERAL EMERGENCY MANAGEMENT AGENCY <b>DOUGLAS COUNTY, GA</b> AND INCORPORATED AREAS	<b>FLOODWAY DATA</b>
		FLOODING SOURCE: SWEETWATER CREEK TRIBUTARY J- SWEETWATER CREEK TRIBUTARY K

LOCATION		FLOODWAY			1% ANNUAL CHANCE FLOOD WATER SURFACE ELEVATION (FEET NAVD88)			
CROSS SECTION	DISTANCE <sup>1</sup>	WIDTH (FEET)	SECTION AREA (SQ. FEET)	MEAN VELOCITY (FEET/SEC)	REGULATORY	WITHOUT FLOODWAY	WITH FLOODWAY	INCREASE
A	3,549	97	429	2.9	906.4	906.4	907.4	1.0
B	5,502	28	128	4.3	923.1	923.1	924.1	1.0
C	6,240	59	221	2.5	931.4	931.4	932.2	0.8
D	7,385	42	123	4.3	938.1	938.1	938.9	0.8
E	8,801	32	85	6.2	951.9	951.9	952.4	0.5
F	10,424	314	1,712	0.3	990.8	990.8	990.8	0.0
G	11,543	30	76	6.9	999.8	999.8	1,000.1	0.3
H	12,599	35	121	4.4	1,013.5	1,013.5	1,014.1	0.6
I	13,810	13	68	7.8	1,037.4	1,037.4	1,038.1	0.7
J	14,247	21	81	6.5	1,051.8	1,045.8	1,046.8	1.0

<sup>1</sup>Feet above confluence with Sweetwater Creek

TABLE 24

FEDERAL EMERGENCY MANAGEMENT AGENCY

**DOUGLAS COUNTY, GA**

AND INCORPORATED AREAS

**FLOODWAY DATA**

**FLOODING SOURCE: SWEETWATER CREEK TRIBUTARY L**

LOCATION		FLOODWAY			1% ANNUAL CHANCE FLOOD WATER SURFACE ELEVATION (FEET NAVD88)			
CROSS SECTION	DISTANCE <sup>1</sup>	WIDTH (FEET)	SECTION AREA (SQ. FEET)	MEAN VELOCITY (FEET/SEC)	REGULATORY	WITHOUT FLOODWAY	WITH FLOODWAY	INCREASE
A	859	22	64	5.4	921.2	921.2	921.6	0.4
B	1,318	10	58	6.0	932.6	932.6	933.4	0.8
C	1,512	20	75	4.6	937.6	937.6	937.7	0.1
D	1,862	10	35	9.7	945.4	945.4	945.6	0.2
E	2,316	20	43	8.0	955.2	955.2	955.4	0.2
F	2,678	18	58	5.8	963.0	963.0	963.9	0.9

<sup>1</sup>Feet above confluence with Sweetwater Creek Tributary L

TABLE 24

FEDERAL EMERGENCY MANAGEMENT AGENCY

**DOUGLAS COUNTY, GA**

AND INCORPORATED AREAS

**FLOODWAY DATA**

**FLOODING SOURCE: SWEETWATER CREEK TRIBUTARY L.2**

LOCATION		FLOODWAY			1% ANNUAL CHANCE FLOOD WATER SURFACE ELEVATION (FEET NAVD88)			
CROSS SECTION	DISTANCE <sup>1</sup>	WIDTH (FEET)	SECTION AREA (SQ. FEET)	MEAN VELOCITY (FEET/SEC)	REGULATORY	WITHOUT FLOODWAY	WITH FLOODWAY	INCREASE
A	382	21	47	5.5	944.6	944.0	944.1	0.1
B	551	32	99	2.6	954.1	954.1	954.2	0.1
C	1,127	115	115	1.7	955.2	955.2	955.3	0.1
D	1,423	259	470	0.4	973.1	973.1	973.1	0.0
E	1,974	25	31	6.3	973.1	973.1	973.3	0.2
F	2,155	203	328	0.6	988.6	988.6	989.0	0.4

<sup>1</sup>Feet above confluence with Sweetwater Creek Tributary L

TABLE 24	<b>FEDERAL EMERGENCY MANAGEMENT AGENCY</b> <b>DOUGLAS COUNTY, GA</b> <b>AND INCORPORATED AREAS</b>	<b>FLOODWAY DATA</b>
		<b>FLOODING SOURCE: SWEETWATER CREEK TRIBUTARY L.3</b>

LOCATION		FLOODWAY			1% ANNUAL CHANCE FLOOD WATER SURFACE ELEVATION (FEET NAVD88)			
CROSS SECTION	DISTANCE <sup>1</sup>	WIDTH (FEET)	SECTION AREA (SQ. FEET)	MEAN VELOCITY (FEET/SEC)	REGULATORY	WITHOUT FLOODWAY	WITH FLOODWAY	INCREASE
A	312	20	22	5.9	959.1	959.1	959.7	0.6
B	476	22	23	5.7	970.5	970.5	970.9	0.4
C	796	58	74	1.8	976.6	976.6	976.8	0.2
D	1,053	7	15	8.5	982.1	982.1	982.3	0.2

<sup>1</sup>Feet above confluence with Sweetwater Creek Tributary L.3

TABLE 24	<b>FEDERAL EMERGENCY MANAGEMENT AGENCY</b> <b>DOUGLAS COUNTY, GA</b> <b>AND INCORPORATED AREAS</b>	<b>FLOODWAY DATA</b>
		<b>FLOODING SOURCE: SWEETWATER CREEK TRIBUTARY L.3.1</b>

LOCATION		FLOODWAY			1% ANNUAL CHANCE FLOOD WATER SURFACE ELEVATION (FEET NAVD88)			
CROSS SECTION	DISTANCE <sup>1</sup>	WIDTH (FEET)	SECTION AREA (SQ. FEET)	MEAN VELOCITY (FEET/SEC)	REGULATORY	WITHOUT FLOODWAY	WITH FLOODWAY	INCREASE
A	457	45	205	8.1	806.7	806.7	807.7	1.0
B	1,047	34	189	8.8	812.1	812.1	813.0	0.9
C	1,559	40	181	9.2	816.7	816.7	816.8	0.1
D	2,025	46	170	9.8	823.2	823.2	823.9	0.7
E	2,277	39	417	4.0	834.6	834.6	834.6	0.0
F	3,253	74	210	7.9	889.5	889.5	889.5	0.0
G	4,603	86	318	5.2	903.8	903.8	904.8	1.0
H	5,571	212	376	4.4	916.5	916.5	916.5	0.0
I	6,517	52	186	8.9	928.3	928.3	928.6	0.3
J	7,656	162	329	6.1	963.3	963.3	964.0	0.7
K	7,745	284	1,990	1.0	964.2	964.2	965.1	0.9
L	8,024	180	1,265	1.6	964.2	964.2	965.1	0.9
M	8,374	124	830	2.4	964.2	964.2	965.1	0.9
N	8,735	53	342	5.8	964.2	964.2	964.7	0.5
O	9,359	130	293	6.8	988.0	988.0	988.4	0.4
P	9,440	236	2,453	0.8	988.7	988.7	989.5	0.8
Q	9,830	400	4,188	0.5	988.7	988.7	989.5	0.8
R	10,314	30	170	11.7	988.7	988.7	988.7	0.0
S	11,116	93	188	3.4	1,008.5	1,008.5	1,009.5	1.0
T	12,290	25	84	7.5	1,030.2	1,030.2	1,030.6	0.4
U	13,473	46	160	3.9	1,054.7	1,054.7	1,055.7	1.0
V	14,260	51	86	7.3	1,075.4	1,075.4	1,075.4	0.0
W	14,683	38	84	7.5	1,088.8	1,088.8	1,088.9	0.1

<sup>1</sup>Feet above confluence with Little Bear Creek

TABLE 24

FEDERAL EMERGENCY MANAGEMENT AGENCY

DOUGLAS COUNTY, GA

AND INCORPORATED AREAS

FLOODWAY DATA

FLOODING SOURCE: TANYARD BRANCH

LOCATION		FLOODWAY			1% ANNUAL CHANCE FLOOD WATER SURFACE ELEVATION (FEET NAVD88)			
CROSS SECTION	DISTANCE <sup>1</sup>	WIDTH (FEET)	SECTION AREA (SQ. FEET)	MEAN VELOCITY (FEET/SEC)	REGULATORY	WITHOUT FLOODWAY	WITH FLOODWAY	INCREASE
Y	14,756	38	270	2.3	1,093.2	1,093.2	1,094.1	0.9
Z	15,592	60	103	6.1	1,104.7	1,104.7	1,105.2	0.5
AA	15,651	61	257	2.5	1,108.6	1,108.6	1,109.3	0.7
AB	15,921	15	71	8.9	1,113.4	1,113.4	1,114.2	0.8
AC	16,000	46	226	2.8	1,117.3	1,117.3	1,118.3	1.0
AD	16,416	17	64	9.9	1,126.1	1,126.1	1,126.3	0.2
AE	16,481	63	316	2.0	1,131.1	1,131.1	1,132.1	1.0
AF	16,658	32	46	13.6	1,132.0	1,132.0	1,132.0	0.0

<sup>1</sup>Feet above confluence with Little Bear Creek

TABLE 24	<b>FEDERAL EMERGENCY MANAGEMENT AGENCY</b> <b>DOUGLAS COUNTY, GA</b> <b>AND INCORPORATED AREAS</b>	<b>FLOODWAY DATA</b>
		<b>FLOODING SOURCE: TANYARD BRANCH</b>

LOCATION		FLOODWAY			1% ANNUAL CHANCE FLOOD WATER SURFACE ELEVATION (FEET NAVD88)			
CROSS SECTION	DISTANCE <sup>1</sup>	WIDTH (FEET)	SECTION AREA (SQ. FEET)	MEAN VELOCITY (FEET/SEC)	REGULATORY	WITHOUT FLOODWAY	WITH FLOODWAY	INCREASE
A	208	16	50	9.7	1,007.8	1,007.8	1,007.9	0.1
B	1,094	10	41	11.7	1,040.6	1,040.6	1,040.8	0.2
C	2,210	103	104	4.7	1,072.8	1,072.8	1,072.9	0.1
D	2,332	82	190	2.6	1,077.0	1,077.0	1,077.6	0.6
E	2,648	16	54	8.9	1,081.2	1,081.2	1,082.1	0.9

<sup>1</sup>Feet above confluence with Tanyard Branch

TABLE 24

FEDERAL EMERGENCY MANAGEMENT AGENCY

DOUGLAS COUNTY, GA

AND INCORPORATED AREAS

FLOODWAY DATA

FLOODING SOURCE: TANYARD BRANCH TRIBUTARY A

LOCATION		FLOODWAY			1% ANNUAL CHANCE FLOOD WATER SURFACE ELEVATION (FEET NAVD88)			
CROSS SECTION	DISTANCE <sup>1</sup>	WIDTH (FEET)	SECTION AREA (SQ. FEET)	MEAN VELOCITY (FEET/SEC)	REGULATORY	WITHOUT FLOODWAY	WITH FLOODWAY	INCREASE
A	37	233 <sup>2</sup>	172	9.2	1,045.3	1,038.1 <sup>3</sup>	1,038.6	0.5
B	964	31	156	10.1	1,045.6	1,045.6	1,045.6	0.0
C	1,822	35	183	8.6	1,050.4	1,050.4	1,051.4	1.0
D	2,624	45	172	9.2	1,058.0	1,058.0	1,058.2	0.2
E	3,764	35	142	10.9	1,073.9	1,073.9	1,074.1	0.2
F	3,875	35	347	4.5	1,081.2	1,081.2	1,081.9	0.7
G	4,370	162	349	4.4	1,085.5	1,085.5	1,058.6	0.1
H	4,410	184	1,725	0.9	1,086.3	1,086.3	1,086.9	0.6
I	4,702	238	2,422	0.6	1,086.3	1,086.3	1,086.9	0.6
J	4,975	120	294	4.2	1,086.3	1,086.3	1,086.9	0.6
K	5,815	153	295	4.1	1,098.3	1,098.3	1,098.3	0.0
L	6,876	76	190	4.3	1,117.7	1,117.7	1,117.7	0.0
M	7,216	35	128	6.4	1,119.7	1,119.7	1,120.5	0.8
N	7,308	35	235	3.5	1,123.9	1,123.9	1,124.9	1.0
O	7,529	45	182	4.5	1,126.6	1,126.6	1,126.8	0.2
P	7,636	45	217	3.8	1,129.1	1,129.1	1,130.0	0.9
Q	8,133	68	167	4.9	1,140.2	1,140.2	1,140.3	0.1
R	8,217	115	186	4.4	1,149.0	1,149.0	1,149.6	0.6
S	8,254	314	2,188	0.4	1,149.5	1,149.5	1,150.5	1.0
T	8,516	276	1,907	0.4	1,149.5	1,149.5	1,150.5	1.0
U	8,808	14	68	12.0	1,152.4	1,152.4	1,152.4	0.0

<sup>1</sup>Feet above confluence with Anneewakee Creek

<sup>2</sup>Combined floodway width with Anneewakee Creek

<sup>3</sup>Elevation computed without consideration of backwater effect from Anneewakee Creek

TABLE 24

FEDERAL EMERGENCY MANAGEMENT AGENCY

DOUGLAS COUNTY, GA

AND INCORPORATED AREAS

FLOODWAY DATA

FLOODING SOURCE: TIGER CREEK

LOCATION		FLOODWAY			1% ANNUAL CHANCE FLOOD WATER SURFACE ELEVATION (FEET NAVD88)			
CROSS SECTION	DISTANCE <sup>1</sup>	WIDTH (FEET)	SECTION AREA (SQ. FEET)	MEAN VELOCITY (FEET/SEC)	REGULATORY	WITHOUT FLOODWAY	WITH FLOODWAY	INCREASE
A	271	12	44	7.7	1,086.4	1,086.0 <sup>2</sup>	1,086.3	0.3
B	876	26	68	5.0	1,096.5	1,096.5	1,096.5	0.0

<sup>1</sup>Feet above confluence with Tiger Creek  
<sup>2</sup>Elevation computed without consideration of backwater effects from Tiger Creek

TABLE 24	<b>FEDERAL EMERGENCY MANAGEMENT AGENCY</b> <b>DOUGLAS COUNTY, GA</b> <b>AND INCORPORATED AREAS</b>	<b>FLOODWAY DATA</b> <b>FLOODING SOURCE: TIGER CREEK TRIBUTARY A</b>
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LOCATION		FLOODWAY			1% ANNUAL CHANCE FLOOD WATER SURFACE ELEVATION (FEET NAVD88)			
CROSS SECTION	DISTANCE <sup>1</sup>	WIDTH (FEET) <sup>2</sup>	SECTION AREA (SQ. FEET)	MEAN VELOCITY (FEET/SEC)	REGULATORY	WITHOUT FLOODWAY	WITH FLOODWAY	INCREASE
A	3,030	250	2,510	1.0	969.5	969.5	970.5	1.0
B	3,890	250	1,580	1.7	970.1	970.1	971.0	0.9
C	5,781	140	780	3.4	973.3	973.3	974.0	0.7
D	7,228	550	3,530	0.7	979.6	979.6	980.4	0.8
E	10,628	300/39 <sup>2</sup>	1,350	1.8	985.5	985.5	986.5	1.0

<sup>1</sup>Feet above confluence with Mud Creek

<sup>2</sup>Total floodway width / width within jurisdiction

TABLE 24

FEDERAL EMERGENCY MANAGEMENT AGENCY

**DOUGLAS COUNTY, GA**

AND INCORPORATED AREAS

**FLOODWAY DATA**

**FLOODING SOURCE: TOWN BRANCH**

LOCATION		FLOODWAY			1% ANNUAL CHANCE FLOOD WATER SURFACE ELEVATION ( FEET NAVD88)			
CROSS SECTION	DISTANCE <sup>1</sup>	WIDTH (FEET)	SECTION AREA (SQ. FEET)	MEAN VELOCITY (FEET/ SEC)	REGULATORY	WITHOUT FLOODWAY	WITH FLOODWAY	INCREASE
<b>TRIBUTARY A TO AYER CREEK</b>								
A	211 <sup>1</sup>	94	159	6.1	973.0	973.0	973.0	0.0
B	1,084 <sup>1</sup>	26/17 <sup>4</sup>	115	8.5	986.5	986.5	986.5	0.0
<b>TRIBUTARY A TO BAGGETT CREEK</b>								
A	675 <sup>2</sup>	26	76	5.8	1,068.5	1,068.5	1,068.9	0.4
<b>TRIBUTARY A TO BERE A CREEK</b>								
A	343 <sup>3</sup>	96	136	5.5	995.3	995.3	995.3	0.0
B	1,263 <sup>3</sup>	11	49	11.9	1,023.3	1,023.3	1,023.6	0.3

<sup>1</sup>Feet above confluence with Ayer Creek

<sup>2</sup>Feet above confluence with Baggett Creek

<sup>3</sup>Feet above confluence with Berea Creek

<sup>4</sup>Total floodway width / width within jurisdiction

TABLE 24	<b>FEDERAL EMERGENCY MANAGEMENT AGENCY</b> <b>DOUGLAS COUNTY, GA</b> <b>AND INCORPORATED AREAS</b>	<b>FLOODWAY DATA</b> <b>FLOODING SOURCE: TRIBUTARY A TO AYER CREEK / TRIBUTARY A TO BAGGETT CREEK / TRIBUTARY A TO BERE A CREEK</b>
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LOCATION		FLOODWAY			1% ANNUAL CHANCE FLOOD WATER SURFACE ELEVATION ( FEET NAVD88)			
CROSS SECTION	DISTANCE <sup>1</sup>	WIDTH (FEET)	SECTION AREA (SQ. FEET)	MEAN VELOCITY (FEET/ SEC)	REGULATORY	WITHOUT FLOODWAY	WITH FLOODWAY	INCREASE
<b>TRIBUTARY A TO BILLY CREEK</b>								
A	344 <sup>1</sup>	46	106	4.8	955.5	955.5	955.6	0.1
B	1,548 <sup>1</sup>	105	188	2.7	990.2	990.2	990.3	0.1
<b>TRIBUTARY A TO BRIGHT STAR CREEK</b>								
A	363 <sup>2</sup>	11	63	13.6	1,067.8	1,067.8	1,068.5	0.7
B	1,897 <sup>2</sup>	15	71	12.2	1,141.9	1,141.9	1,142.4	0.5
<b>TRIBUTARY A TO CRAWFISH CREEK</b>								
A	336 <sup>3</sup>	26	63	7.7	946.0	936.5 <sup>4</sup>	936.6	0.1
B	1,153 <sup>3</sup>	101	298	2.3	951.4	951.4	951.4	0.0
C	2,799 <sup>3</sup>	11	54	12.8	974.0	974.0	974.3	0.3

<sup>1</sup>Feet above confluence with Billy Creek

<sup>2</sup>Feet above confluence with Bright Star Creek

<sup>3</sup>Feet above confluence with Crawfish Creek

<sup>4</sup>Elevation computed without consideration of backwater effects from Crawfish Creek

TABLE 24

FEDERAL EMERGENCY MANAGEMENT AGENCY

**DOUGLAS COUNTY, GA**

AND INCORPORATED AREAS

**FLOODWAY DATA**

**FLOODING SOURCE: TRIBUTARY A TO BILLY CREEK / TRIBUTARY A TO BRIGHTSTAR CREEK / TRIBUTARY A TO CRAWFISH CREEK**

LOCATION		FLOODWAY			1% ANNUAL CHANCE FLOOD WATER SURFACE ELEVATION ( FEET NAVD88)			
CROSS SECTION	DISTANCE <sup>1</sup>	WIDTH (FEET)	SECTION AREA (SQ. FEET)	MEAN VELOCITY (FEET/ SEC)	REGULATORY	WITHOUT FLOODWAY	WITH FLOODWAY	INCREASE
<b>TRIBUTARY A TO DOG RIVER</b>								
A	413 <sup>1</sup>	255	4,647	0.2	764.0	764.0	764.0	0.0
B	2,639 <sup>1</sup>	26	90	8.8	768.1	768.1	768.5	0.4
C	3,968 <sup>1</sup>	58	109	7.3	787.3	787.3	787.3	0.0
<b>TRIBUTARY A TO DOWNS CREEK</b>								
A	226 <sup>2</sup>	47	103	5.4	931.1	926.8 <sup>4</sup>	926.8	0.0
B	1,323 <sup>2</sup>	20	64	8.7	943.8	943.8	943.9	0.1
C	2,250 <sup>2</sup>	37	88	6.4	966.5	966.5	966.5	0.0
<b>TRIBUTARY A TO EPHEBUS</b>								
A	893 <sup>3</sup>	33	59	7.3	1,015.7	1,015.7	1,015.8	0.1

<sup>1</sup>Feet above confluence with Dog River

<sup>2</sup>Feet above confluence with Downs Creek

<sup>3</sup>Feet above confluence with Ephesus

<sup>4</sup>Elevation computed without consideration of backwater effects from Downs Creek

TABLE 24

FEDERAL EMERGENCY MANAGEMENT AGENCY

**DOUGLAS COUNTY, GA**

AND INCORPORATED AREAS

**FLOODWAY DATA**

**FLOODING SOURCE: TRIBUTARY A TO DOG RIVER / TRIBUTARY A TO DOWNS CREEK / TRIBUTARY A TO EPHEBUS**

LOCATION		FLOODWAY			1% ANNUAL CHANCE FLOOD WATER SURFACE ELEVATION ( FEET NAVD88)			
CROSS SECTION	DISTANCE <sup>1</sup>	WIDTH (FEET)	SECTION AREA (SQ. FEET)	MEAN VELOCITY (FEET/ SEC)	REGULATORY	WITHOUT FLOODWAY	WITH FLOODWAY	INCREASE
<b>TRIBUTARY A TO FLYBLOW CREEK</b>								
A	326 <sup>1</sup>	13	44	8.1	795.1	795.1	795.2	0.1
B	1,366 <sup>1</sup>	19	44	8.0	833.8	833.8	833.8	0.0
<b>TRIBUTARY A TO HELTON CREEK</b>								
A	350 <sup>2</sup>	40	82	6.9	958.9	957.8 <sup>4</sup>	957.8	0.0
B	995 <sup>2</sup>	29	173	3.3	969.0	969.0	969.8	0.8
<b>TRIBUTARY A TO KEATON CREEK TRIBUTARY 1</b>								
A	411 <sup>3</sup>	20	81	11.4	1,069.7	1,069.7	1,069.8	0.1

<sup>1</sup>Feet above confluence with Flyblow Creek

<sup>2</sup>Feet above confluence with Helton Creek

<sup>3</sup>Feet above confluence with Keaton Creek Tributary 1

<sup>4</sup>Elevation computed without consideration of backwater effects from Helton Creek

TABLE 24

FEDERAL EMERGENCY MANAGEMENT AGENCY

**DOUGLAS COUNTY, GA**

AND INCORPORATED AREAS

**FLOODWAY DATA**

FLOODING SOURCE: TRIBUTARY A TO FLYBLOW CREEK / TRIBUTARY A TO HELTON CREEK / TRIBUTARY A TO KEATON CREEK TRIBUTARY 1

LOCATION		FLOODWAY			1% ANNUAL CHANGE FLOOD WATER SURFACE ELEVATION ( FEET NAVD88)			
CROSS SECTION	DISTANCE <sup>1</sup>	WIDTH (FEET)	SECTION AREA (SQ. FEET)	MEAN VELOCITY (FEET/ SEC)	REGULATORY	WITHOUT FLOODWAY	WITH FLOODWAY	INCREASE
<b>TRIBUTARY A TO LAMPLIGHTER CREEK</b>								
A	67 <sup>1</sup>	13	61	7.7	1,041.2	1,041.2 <sup>3</sup>	1,042.1	0.9
B	1,396 <sup>1</sup>	49	104	4.6	1,129.9	1,129.9	1,130.0	0.1
<b>TRIBUTARY A TO MASON CREEK</b>								
003	289 <sup>2</sup>	17	43	8.6	1,068.5	1,068.5	1,068.6	0.1
016	1,586 <sup>2</sup>	189	838	1.2	1,094.2	1,094.2	1,094.2	0.0
035	3,541 <sup>2</sup>	85	121	5.5	1,120.9	1,120.9	1,121.0	0.1

<sup>1</sup>Feet above confluence with Lamplighter Creek

<sup>2</sup>Feet above confluence with Mason Creek

<sup>3</sup>Elevation computed without consideration of backwater effects from Lamplighter Creek

TABLE 24

FEDERAL EMERGENCY MANAGEMENT AGENCY

**DOUGLAS COUNTY, GA**

AND INCORPORATED AREAS

**FLOODWAY DATA**

FLOODING SOURCE: TRIBUTARY A TO LAMPLIGHTER CREEK / TRIBUTARY A TO MASON CREEK

LOCATION		FLOODWAY			1% ANNUAL CHANCE FLOOD WATER SURFACE ELEVATION ( FEET NAVD88)			
CROSS SECTION	DISTANCE <sup>1</sup>	WIDTH (FEET)	SECTION AREA (SQ. FEET)	MEAN VELOCITY (FEET/ SEC)	REGULATORY	WITHOUT FLOODWAY	WITH FLOODWAY	INCREASE
<b>TRIBUTARY A TO MCCOY CREEK</b>								
A	103	9	34	7.2	1,027.5	1,024.5 <sup>2</sup>	1,024.7	0.2
B	1,620	27	58	7.4	1,052.0	1,052.0	1,052.0	0.0

<sup>1</sup>Feet above confluence with McCoy Creek

<sup>2</sup>Elevation computed without consideration of backwater effects from McCoy Creek

<b>TABLE 24</b>	<b>FEDERAL EMERGENCY MANAGEMENT AGENCY</b>	<b>FLOODWAY DATA</b>
	<b>DOUGLAS COUNTY, GA</b>	
	<b>AND INCORPORATED AREAS</b>	<b>FLOODING SOURCE: TRIBUTARY A TO MCCOY CREEK</b>

LOCATION		FLOODWAY			1% ANNUAL CHANCE FLOOD WATER SURFACE ELEVATION ( FEET NAVD88)			
CROSS SECTION	DISTANCE <sup>1</sup>	WIDTH (FEET)	SECTION AREA (SQ. FEET)	MEAN VELOCITY (FEET/ SEC)	REGULATORY	WITHOUT FLOODWAY	WITH FLOODWAY	INCREASE
A	571	72	97	5.7	945.2	945.2	945.2	0.0
B	2,229	132	152	3.6	973.0	973.0	973.0	0.0
C	3,299	31	106	5.2	990.9	990.9	991.5	0.6

<sup>1</sup>Feet above confluence with Mobley Creek

TABLE 24	<b>FEDERAL EMERGENCY MANAGEMENT AGENCY</b> <b>DOUGLAS COUNTY, GA</b> <b>AND INCORPORATED AREAS</b>	<b>FLOODWAY DATA</b>
		<b>FLOODING SOURCE: TRIBUTARY A TO MOBLEY CREEK</b>

LOCATION		FLOODWAY			1% ANNUAL CHANCE FLOOD WATER SURFACE ELEVATION ( FEET NAVD88)			
CROSS SECTION	DISTANCE <sup>1</sup>	WIDTH (FEET)	SECTION AREA (SQ. FEET)	MEAN VELOCITY (FEET/ SEC)	REGULATORY	WITHOUT FLOODWAY	WITH FLOODWAY	INCREASE
<b>TRIBUTARY A TO MOBLEY CREEK TRIBUTARY 6</b>								
A	163 <sup>1</sup>	24	118	3.8	994.0	994.0	994.9	0.9
B	1,136 <sup>1</sup>	10	42	10.7	1,013.4	1,013.4	1,013.5	0.1
<b>TRIBUTARY A TO MOBLEY CREEK TRIBUTARY 7</b>								
A	288 <sup>2</sup>	12	74	13.9	1,007.5	1,007.5	1,008.3	0.8
B	1,326 <sup>2</sup>	20	101	10.1	1,041.4	1,041.4	1,042.0	0.6
C	2,411 <sup>2</sup>	20	81	11.3	1,056.1	1,056.1	1,056.4	0.3
D	3,742 <sup>2</sup>	26	100	9.1	1,080.3	1,080.3	1,081.2	0.9

<sup>1</sup>Feet above confluence with Mobley Creek Tributary 6

<sup>2</sup>Feet above confluence with Mobley Creek Tributary 7

TABLE 24

FEDERAL EMERGENCY MANAGEMENT AGENCY

**DOUGLAS COUNTY, GA**

AND INCORPORATED AREAS

**FLOODWAY DATA**

**FLOODING SOURCE: TRIBUTARY A TO MOBLEY CREEK TRIBUTARY 6 / TRIBUTARY A TO MOBLEY CREEK TRIBUTARY 7**

LOCATION		FLOODWAY			1% ANNUAL CHANCE FLOOD WATER SURFACE ELEVATION ( FEET NAVD88)			
CROSS SECTION	DISTANCE <sup>1</sup>	WIDTH (FEET)	SECTION AREA (SQ. FEET)	MEAN VELOCITY (FEET/ SEC)	REGULATORY	WITHOUT FLOODWAY	WITH FLOODWAY	INCREASE
<b>TRIBUTARY A TO NALLEY CREEK</b>								
A	133 <sup>1</sup>	13	19	5.7	1,071.8	1,071.8	1,071.8	0.0
B	1,049 <sup>1</sup>	24	52	2.1	1,088.6	1,088.6	1,088.6	0.0
<b>TRIBUTARY A TO NANCY LONG CREEK</b>								
A	253 <sup>2</sup>	11	46	11.6	980.0	980.0	980.1	0.1
B	1,316 <sup>2</sup>	9	54	10.1	1,002.7	1,002.7	1,003.3	0.6
C	2,331 <sup>2</sup>	37	93	5.8	1,031.6	1,031.6	1,032.4	0.8

<sup>1</sup>Feet above confluence with Nalley Creek

<sup>2</sup>Feet above confluence with Nancy Long Creek

TABLE 24

FEDERAL EMERGENCY MANAGEMENT AGENCY

**DOUGLAS COUNTY, GA**

AND INCORPORATED AREAS

**FLOODWAY DATA**

**FLOODING SOURCE: TRIBUTARY A TO NALLEY CREEK / TRIBUTARY A TO NANCY LONG CREEK**

LOCATION		FLOODWAY			1% ANNUAL CHANCE FLOOD WATER SURFACE ELEVATION ( FEET NAVD88)			
CROSS SECTION	DISTANCE <sup>1</sup>	WIDTH (FEET)	SECTION AREA (SQ. FEET)	MEAN VELOCITY (FEET/ SEC)	REGULATORY	WITHOUT FLOODWAY	WITH FLOODWAY	INCREASE
<b>TRIBUTARY A TO POOL CREEK</b>								
A	462 <sup>1</sup>	54	119	7.2	941.6	941.6	941.7	0.1
B	1,769 <sup>1</sup>	36	111	7.7	965.8	965.8	966.4	0.6
C	3,011 <sup>1</sup>	35	125	6.8	986.4	986.4	987.3	0.9
D	4,574 <sup>1</sup>	49	90	6.4	1,017.8	1,017.8	1,017.8	0.0
<b>TRIBUTARY A TO TYSON CREEK</b>								
A	85 <sup>2</sup>	87	265	2.9	952.5	952.5	952.9	0.4
B	1,617 <sup>2</sup>	28	106	7.3	971.5	971.5	971.9	0.4
C	3,689 <sup>2</sup>	296	821	0.5	1,017.1	1,017.1	1,017.1	0.0

<sup>1</sup>Feet above confluence with Pool Creek

<sup>2</sup>Feet above confluence with Tyson Creek

TABLE 24	<b>FEDERAL EMERGENCY MANAGEMENT AGENCY</b> <b>DOUGLAS COUNTY, GA</b> <b>AND INCORPORATED AREAS</b>	<b>FLOODWAY DATA</b> <b>FLOODING SOURCE: TRIBUTARY A TO POOL CREEK / TRIBUTARY A TO TYSON CREEK</b>
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LOCATION		FLOODWAY			1% ANNUAL CHANCE FLOOD WATER SURFACE ELEVATION ( FEET NAVD88)			
CROSS SECTION	DISTANCE <sup>1</sup>	WIDTH (FEET)	SECTION AREA (SQ. FEET)	MEAN VELOCITY (FEET/ SEC)	REGULATORY	WITHOUT FLOODWAY	WITH FLOODWAY	INCREASE
<b>TRIBUTARY B TO BILLY CREEK</b>								
A	299 <sup>1</sup>	55	61	3.5	990.0	989.8 <sup>3</sup>	989.8	0.0
B	1,295 <sup>1</sup>	162	1,138	0.6	1,020.6	1,020.6	1,020.6	0.0
C	2,390 <sup>1</sup>	25	89	7.8	1,038.8	1,038.8	1,038.8	0.0
<b>TRIBUTARY B TO CRAWFISH CREEK</b>								
A	638 <sup>2</sup>	56	106	6.2	959.0	959.0	959.0	0.0
B	2,254 <sup>2</sup>	18	61	10.8	979.9	979.9	979.9	0.0

<sup>1</sup>Feet above confluence with Billy Creek

<sup>2</sup>Feet above confluence with Crawfish Creek

<sup>3</sup>Elevation computed without consideration of backwater effects from Billy Creek

TABLE 24

FEDERAL EMERGENCY MANAGEMENT AGENCY

**DOUGLAS COUNTY, GA**

AND INCORPORATED AREAS

**FLOODWAY DATA**

**FLOODING SOURCE: TRIBUTARY B TO BILLY CREEK / TRIBUTARY B TO CRAWFISH CREEK**

LOCATION		FLOODWAY			1% ANNUAL CHANCE FLOOD WATER SURFACE ELEVATION ( FEET NAVD88)			
CROSS SECTION	DISTANCE <sup>1</sup>	WIDTH (FEET)	SECTION AREA (SQ. FEET)	MEAN VELOCITY (FEET/ SEC)	REGULATORY	WITHOUT FLOODWAY	WITH FLOODWAY	INCREASE
<b>TRIBUTARY B TO DOG RIVER</b>								
A	469 <sup>1</sup>	315	5,507	0.3	764.1	764.0 <sup>3</sup>	764.0	0.0
B	2,313 <sup>1</sup>	500	6,548	0.3	790.6	790.6	790.6	0.0
C	3,687 <sup>1</sup>	407	3,973	0.4	790.6	790.6	790.6	0.0
<b>TRIBUTARY B TO DUNCAN CREEK</b>								
A	961 <sup>2</sup>	22	57	7.9	784.2	784.2	784.4	0.2
B	2,845 <sup>2</sup>	35	56	8.0	830.6	830.6	830.6	0.0

<sup>1</sup>Feet above confluence with Dog River

<sup>2</sup>Feet above confluence with Duncan Creek

<sup>3</sup>Elevation computed without consideration of backwater effects from Dog River

TABLE 24

FEDERAL EMERGENCY MANAGEMENT AGENCY

**DOUGLAS COUNTY, GA**

AND INCORPORATED AREAS

**FLOODWAY DATA**

**FLOODING SOURCE: TRIBUTARY B TO DOG RIVER / TRIBUTARY B TO DUNCAN CREEK**

LOCATION		FLOODWAY			1% ANNUAL CHANCE FLOOD WATER SURFACE ELEVATION ( FEET NAVD88)			
CROSS SECTION	DISTANCE <sup>1</sup>	WIDTH (FEET)	SECTION AREA (SQ. FEET)	MEAN VELOCITY (FEET/SEC)	REGULATORY	WITHOUT FLOODWAY	WITH FLOODWAY	INCREASE
<b>TRIBUTARY B TO EPHEBUS CREEK</b> A	750 <sup>1</sup>	7	43	8.5	1,034.5	1,034.5	1,035.0	0.5
<b>TRIBUTARY B TO FLYBLOW CREEK</b> A	235 <sup>2</sup>	23	114	8.4	826.4	826.4	826.5	0.1
B	1,513 <sup>2</sup>	21	112	8.6	890.5	890.5	890.8	0.3
C	2,681 <sup>2</sup>	34	122	7.8	931.5	931.5	931.5	0.0

<sup>1</sup>Feet above confluence with Ephesus Creek

<sup>2</sup>Feet above confluence with Flyblow Creek

TABLE 24

FEDERAL EMERGENCY MANAGEMENT AGENCY

**DOUGLAS COUNTY, GA**

AND INCORPORATED AREAS

**FLOODWAY DATA**

**FLOODING SOURCE: TRIBUTARY B TO EPHEBUS CREEK / TRIBUTARY B TO FLYBLOW CREEK**

LOCATION		FLOODWAY			1% ANNUAL CHANCE FLOOD WATER SURFACE ELEVATION ( FEET NAVD88)			
CROSS SECTION	DISTANCE <sup>1</sup>	WIDTH (FEET)	SECTION AREA (SQ. FEET)	MEAN VELOCITY (FEET/ SEC)	REGULATORY	WITHOUT FLOODWAY	WITH FLOODWAY	INCREASE
<b>TRIBUTARY B TO HELTON CREEK</b>								
A	305 <sup>1</sup>	85	408	2.0	969.0	969.0	969.8	0.8
B	1,561 <sup>1</sup>	11	67	12.4	989.9	989.9	990.6	0.7
C	2,402 <sup>1</sup>	16	62	11.0	1,013.9	1,013.9	1,014.2	0.3
<b>TRIBUTARY B TO KEATON CREEK</b>								
A	632 <sup>2</sup>	155	262	2.8	964.0	962.1 <sup>4</sup>	962.1	0.0
B	2,403 <sup>2</sup>	69	123	4.9	1,024.3	1,024.3	1,024.3	0.0
C	4,067 <sup>2</sup>	36	79	7.6	1,091.3	1,091.3	1,091.4	0.1
<b>TRIBUTARY B TO KEATON CREEK TRIBUTARY 1</b>								
A	285 <sup>3</sup>	34	59	8.6	1,077.7	1,077.7	1,077.7	0.0

<sup>1</sup>Feet above confluence with Helton Creek

<sup>2</sup>Feet above confluence with Keaton Creek

<sup>3</sup>Feet above confluence with Keaton Creek Tributary 1

<sup>4</sup>Elevation computed without consideration of backwater effects from Keaton Creek

TABLE 24

FEDERAL EMERGENCY MANAGEMENT AGENCY

**DOUGLAS COUNTY, GA**

AND INCORPORATED AREAS

**FLOODWAY DATA**

FLOODING SOURCE: TRIBUTARY B TO HELTON CREEK / TRIBUTARY B TO KEATON CREEK / TRIBUTARY B TO KEATON CREEK TRIBUTARY 1

LOCATION		FLOODWAY			1% ANNUAL CHANCE FLOOD WATER SURFACE ELEVATION ( FEET NAVD88)			
CROSS SECTION	DISTANCE <sup>1</sup>	WIDTH (FEET)	SECTION AREA (SQ. FEET)	MEAN VELOCITY (FEET/ SEC)	REGULATORY	WITHOUT FLOODWAY	WITH FLOODWAY	INCREASE
<b>TRIBUTARY B TO LAMPLIGHTER CREEK</b>								
A	499 <sup>1</sup>	87	216	5.7	1,070.4	1,070.4	1,070.4	0.0
B	2,045 <sup>1</sup>	113	317	3.9	1,097.2	1,097.2	1,097.2	0.0
C	3,512 <sup>1</sup>	30	126	7.6	1,123.3	1,123.3	1,123.7	0.4
D	4,541 <sup>1</sup>	65	166	5.7	1,144.1	1,144.1	1,144.1	0.0
<b>TRIBUTARY B TO MCCOY CREEK</b>								
A	875 <sup>2</sup>	130	116	2.7	1,073.9	1,073.9	1,073.9	0.0
B	1,869 <sup>2</sup>	13	60	7.5	1,097.1	1,097.1	1,097.1	0.0

<sup>1</sup>Feet above confluence with Lamplighter Creek

<sup>2</sup>Feet above confluence with McCoy Creek

TABLE 24

FEDERAL EMERGENCY MANAGEMENT AGENCY

**DOUGLAS COUNTY, GA**

AND INCORPORATED AREAS

**FLOODWAY DATA**

**FLOODING SOURCE: TRIBUTARY B TO LAMPLIGHTER CREEK / TRIBUTARY B TO MCCOY CREEK**

LOCATION		FLOODWAY			1% ANNUAL CHANCE FLOOD WATER SURFACE ELEVATION ( FEET NAVD88)			
CROSS SECTION	DISTANCE <sup>1</sup>	WIDTH (FEET)	SECTION AREA (SQ. FEET)	MEAN VELOCITY (FEET/ SEC)	REGULATORY	WITHOUT FLOODWAY	WITH FLOODWAY	INCREASE
A	517	53	75	5.1	948.8	948.8	949.3	0.5
B	1,256	52	94	5.6	961.3	961.3	961.4	0.1
C	1,740	53	92	4.2	968.2	968.2	968.2	0.0

<sup>1</sup>Feet above confluence with Mobley Creek

TABLE 24	<b>FEDERAL EMERGENCY MANAGEMENT AGENCY</b> <b>DOUGLAS COUNTY, GA</b> <b>AND INCORPORATED AREAS</b>	<b>FLOODWAY DATA</b>
		<b>FLOODING SOURCE: TRIBUTARY B TO MOBLEY CREEK</b>

LOCATION		FLOODWAY			1% ANNUAL CHANCE FLOOD WATER SURFACE ELEVATION ( FEET NAVD88)			
CROSS SECTION	DISTANCE <sup>1</sup>	WIDTH (FEET)	SECTION AREA (SQ. FEET)	MEAN VELOCITY (FEET/ SEC)	REGULATORY	WITHOUT FLOODWAY	WITH FLOODWAY	INCREASE
<b>TRIBUTARY B TO MOBLEY CREEK TRIBUTARY 6</b>								
A	695 <sup>1</sup>	79	91	4.6	1,018.7	1,018.7	1,018.8	0.1
<b>TRIBUTARY B TO MOBLEY CREEK TRIBUTARY 7</b>								
A	269 <sup>2</sup>	45	127	6.8	1,022.6	1,022.6	1,022.7	0.1
B	1,687 <sup>2</sup>	88	153	5.6	1,075.8	1,075.8	1,075.8	0.0
C	2,876 <sup>2</sup>	42	122	7.1	1,098.0	1,098.0	1,098.4	0.4
D	3,546 <sup>2</sup>	43	227	2.4	1,113.8	1,113.8	1,114.6	0.8

<sup>1</sup>Feet above confluence with Mobley Creek Tributary 6

<sup>2</sup>Feet above confluence with Mobley Creek Tributary 7

TABLE 24

FEDERAL EMERGENCY MANAGEMENT AGENCY

**DOUGLAS COUNTY, GA**

AND INCORPORATED AREAS

**FLOODWAY DATA**

**FLOODING SOURCE: TRIBUTARY B TO MOBLEY CREEK TRIBUTARY 6 / TRIBUTARY B TO MOBLEY CREEK TRIBUTARY 7**

LOCATION		FLOODWAY			1% ANNUAL CHANGE FLOOD WATER SURFACE ELEVATION ( FEET NAVD88)			
CROSS SECTION	DISTANCE <sup>1</sup>	WIDTH (FEET)	SECTION AREA (SQ. FEET)	MEAN VELOCITY (FEET/ SEC)	REGULATORY	WITHOUT FLOODWAY	WITH FLOODWAY	INCREASE
<b>TRIBUTARY B TO POOL CREEK</b>								
A	220 <sup>1</sup>	112	148	5.1	988.6	984.9 <sup>2</sup>	985.1	0.2
B	1,458 <sup>1</sup>	91	196	3.8	1,005.6	1,005.6	1,005.7	0.1
C	2,842 <sup>1</sup>	18	73	10.3	1,035.0	1,035.0	1,035.4	0.4
<b>TRIBUTARY C TO BILLY CREEK</b>								
A	433 <sup>3</sup>	53	70	5.0	1,021.5	1,021.5	1,021.5	0.0
B	1,873 <sup>3</sup>	92	102	3.5	1,051.3	1,051.3	1,051.4	0.1

<sup>1</sup>Feet above confluence with Pool Creek

<sup>2</sup>Elevation computed without consideration of backwater effects from Pool Creek

<sup>3</sup>Feet above confluence with Billy Creek

TABLE 24	<b>FEDERAL EMERGENCY MANAGEMENT AGENCY</b> <b>DOUGLAS COUNTY, GA</b> <b>AND INCORPORATED AREAS</b>	<b>FLOODWAY DATA</b> <b>FLOODING SOURCE: TRIBUTARY B TO POOL CREEK / TRIBUTARY C TO BILLY CREEK</b>
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LOCATION		FLOODWAY			1% ANNUAL CHANCE FLOOD WATER SURFACE ELEVATION ( FEET NAVD88)			
CROSS SECTION	DISTANCE <sup>1</sup>	WIDTH (FEET)	SECTION AREA (SQ. FEET)	MEAN VELOCITY (FEET/ SEC)	REGULATORY	WITHOUT FLOODWAY	WITH FLOODWAY	INCREASE
<b>TRIBUTARY C TO DOG RIVER</b>								
A	508 <sup>1</sup>	137	1,837	0.2	764.4	764.0 <sup>3</sup>	764.0	0.0
B	1,736 <sup>1</sup>	26	52	7.0	794.2	794.2	794.2	0.0
C	2,573 <sup>1</sup>	38	49	7.5	820.4	820.4	820.4	0.0
<b>TRIBUTARY C TO FLYBLOW CREEK</b>								
A	275 <sup>2</sup>	165	437	2.5	871.2	871.2	871.2	0.0
B	1,852 <sup>2</sup>	16	99	11.0	889.6	889.6	890.4	0.8
C	3,121 <sup>2</sup>	15	84	10.8	906.7	906.7	907.3	0.6
D	4,919 <sup>2</sup>	119	232	3.9	939.2	939.2	939.2	0.0
E	6,343 <sup>2</sup>	16	46	9.1	969.7	969.7	969.7	0.0

<sup>1</sup>Feet above confluence with Dog River

<sup>2</sup>Feet above confluence with Flyblow Creek

<sup>3</sup>Elevation computed without consideration of backwater effects from Dog River

TABLE 24

FEDERAL EMERGENCY MANAGEMENT AGENCY

**DOUGLAS COUNTY, GA**

AND INCORPORATED AREAS

**FLOODWAY DATA**

**FLOODING SOURCE: TRIBUTARY C TO DOG RIVER / TRIBUTARY C TO FLYBLOW CREEK**

LOCATION		FLOODWAY			1% ANNUAL CHANCE FLOOD WATER SURFACE ELEVATION ( FEET NAVD88)			
CROSS SECTION	DISTANCE <sup>1</sup>	WIDTH (FEET)	SECTION AREA (SQ. FEET)	MEAN VELOCITY (FEET/ SEC)	REGULATORY	WITHOUT FLOODWAY	WITH FLOODWAY	INCREASE
<b>TRIBUTARY C TO HELTON CREEK</b>								
A	475 <sup>1</sup>	20	87	10.9	994.4	994.4	994.8	0.4
B	1,181 <sup>1</sup>	32	142	6.7	1,016.5	1,016.5	1,017.2	0.7
<b>TRIBUTARY C TO KEATON CREEK</b>								
A	247 <sup>2</sup>	297	260	1.3	967.8	964.3 <sup>4</sup>	964.5	0.2
B	1,373 <sup>2</sup>	24	52	6.3	992.8	992.8	992.9	0.1
<b>TRIBUTARY C TO LAMPLIGHTER CREEK</b>								
A	1,183 <sup>3</sup>	6	34	13.3	1,164.4	1,164.4	1,164.7	0.3

<sup>1</sup>Feet above confluence with Helton Creek

<sup>2</sup>Feet above confluence with Keaton Creek

<sup>3</sup>Feet above confluence with Lamplighter Creek

<sup>4</sup>Elevation computed without consideration of backwater effects from Keaton Creek

TABLE 24

FEDERAL EMERGENCY MANAGEMENT AGENCY

**DOUGLAS COUNTY, GA**

AND INCORPORATED AREAS

**FLOODWAY DATA**

**FLOODING SOURCE: TRIBUTARY C TO HELTON CREEK / TRIBUTARY C TO KEATON CREEK/TRIBUTARY C TO LAMPLIGHTER CREEK**

LOCATION		FLOODWAY			1% ANNUAL CHANCE FLOOD WATER SURFACE ELEVATION ( FEET NAVD88)			
CROSS SECTION	DISTANCE <sup>1</sup>	WIDTH (FEET)	SECTION AREA (SQ. FEET)	MEAN VELOCITY (FEET/ SEC)	REGULATORY	WITHOUT FLOODWAY	WITH FLOODWAY	INCREASE
<b>TRIBUTARY C TO MOBLEY CREEK</b>								
A	484 <sup>1</sup>	164	266	1.8	962.9	961.2 <sup>3</sup>	961.5	0.3
B	1,233 <sup>1</sup>	20	60	7.8	969.7	969.7	970.3	0.6
<b>TRIBUTARY C TO MOBLEY CREEK TRIBUTARY 7</b>								
A	566 <sup>2</sup>	16	80	10.2	1,053.0	1,053.0	1,053.6	0.6
B	1,558 <sup>2</sup>	53	143	5.7	1,083.9	1,083.9	1,084.0	0.1

<sup>1</sup>Feet above confluence with Mobley Creek

<sup>2</sup>Feet above confluence with Mobley Creek Tributary 7

<sup>3</sup>Elevation computed without consideration of backwater effects from Mobley Creek

TABLE 24

FEDERAL EMERGENCY MANAGEMENT AGENCY

**DOUGLAS COUNTY, GA**

AND INCORPORATED AREAS

**FLOODWAY DATA**

**FLOODING SOURCE: TRIBUTARY C TO MOBLEY CREEK / TRIBUTARY C TO MOBLEY CREEK TRIBUTARY 7**

LOCATION		FLOODWAY			1% ANNUAL CHANCE FLOOD WATER SURFACE ELEVATION ( FEET NAVD88)			
CROSS SECTION	DISTANCE <sup>1</sup>	WIDTH (FEET)	SECTION AREA (SQ. FEET)	MEAN VELOCITY (FEET/ SEC)	REGULATORY	WITHOUT FLOODWAY	WITH FLOODWAY	INCREASE
<b>TRIBUTARY D TO BILLY CREEK</b>								
A	444 <sup>1</sup>	74	100	4.5	1,048.7	1,048.7	1,048.8	0.1
B	1,683 <sup>1</sup>	79	126	3.6	1,084.8	1,084.8	1,084.8	0.0
C	2,772 <sup>1</sup>	36	87	5.2	1,109.3	1,109.3	1,110.2	0.9
<b>TRIBUTARY D TO DOG RIVER</b>								
A	80 <sup>2</sup>	27	45	9.8	764.2	758.0 <sup>3</sup>	758.0	0.0
B	1,372 <sup>2</sup>	54	88	5.0	808.3	808.3	808.4	0.1

<sup>1</sup>Feet above confluence with Billy Creek

<sup>2</sup>Feet above confluence with Dog River

<sup>3</sup>Elevation computed without consideration of backwater effects from Dog River

TABLE 24

**FEDERAL EMERGENCY MANAGEMENT AGENCY  
DOUGLAS COUNTY, GA  
AND INCORPORATED AREAS**

**FLOODWAY DATA**

**FLOODING SOURCE: TRIBUTARY D TO BILLY CREEK / TRIBUTARY D TO DOG RIVER**

LOCATION		FLOODWAY			1% ANNUAL CHANCE FLOOD WATER SURFACE ELEVATION ( FEET NAVD88)			
CROSS SECTION	DISTANCE <sup>1</sup>	WIDTH (FEET)	SECTION AREA (SQ. FEET)	MEAN VELOCITY (FEET/ SEC)	REGULATORY	WITHOUT FLOODWAY	WITH FLOODWAY	INCREASE
<b>TRIBUTARY D TO FLYBLOW CREEK</b>								
004	370 <sup>1</sup>	345	1,743	0.4	920.4	920.4 <sup>3</sup>	920.4	0.0
017	1,696 <sup>1</sup>	54	320	2.2	933.2	933.2	934.1	0.9
025	2,545 <sup>1</sup>	21	77	8.9	957.2	957.2	957.3	0.1
<b>TRIBUTARY D TO KEATON CREEK</b>								
004	432 <sup>2</sup>	12	54	9.8	982.9	982.9	983.0	0.1
016	1,569 <sup>2</sup>	24	55	9.7	1,054.3	1,054.3	1,054.4	0.1
024	2,355 <sup>2</sup>	21	54	9.8	1,068.5	1,068.5	1,068.6	0.1

<sup>1</sup>Feet above confluence with Flyblow Creek

<sup>2</sup>Feet above confluence with Keaton Creek

<sup>3</sup>Elevation computed without consideration of backwater effects from Dog River

TABLE 24

FEDERAL EMERGENCY MANAGEMENT AGENCY

**DOUGLAS COUNTY, GA**

AND INCORPORATED AREAS

**FLOODWAY DATA**

**FLOODING SOURCE: TRIBUTARY D TO FLYBLOW CREEK / TRIBUTARY D KEATON CREEK**

LOCATION		FLOODWAY			1% ANNUAL CHANCE FLOOD WATER SURFACE ELEVATION ( FEET NAVD88)			
CROSS SECTION	DISTANCE <sup>1</sup>	WIDTH (FEET)	SECTION AREA (SQ. FEET)	MEAN VELOCITY (FEET/ SEC)	REGULATORY	WITHOUT FLOODWAY	WITH FLOODWAY	INCREASE
<b>TRIBUTARY D TO MOBLEY CREEK</b>								
A	1,015 <sup>1</sup>	31	73	8.4	971.6	971.6	972.2	0.6
B	1,604 <sup>1</sup>	11	52	11.9	1,001.3	1,001.3	1,002.1	0.8
<b>TRIBUTARY E TO DOG RIVER</b>								
A	229 <sup>2</sup>	22	106	8.1	850.2	843.7	844.4	0.7
B	1,510 <sup>2</sup>	212	1,729	0.5	888.3	888.3	888.3	0.0
C	2,552 <sup>2</sup>	88	655	1.3	897.9	897.9	897.9	0.0
D	3,671 <sup>2</sup>	19	85	10.1	918.0	918.0	918.3	0.3

<sup>1</sup>Feet above confluence with Mobley Creek

<sup>2</sup>Feet above confluence with Dog River

<sup>3</sup>Elevation computed without consideration of backwater effects from Dog River

TABLE 24	<b>FEDERAL EMERGENCY MANAGEMENT AGENCY</b> <b>DOUGLAS COUNTY, GA</b> <b>AND INCORPORATED AREAS</b>	<b>FLOODWAY DATA</b>
		<b>FLOODING SOURCE: TRIBUTARY D TO MOBLEY CREEK/          TRIBUTARY E TO DOG RIVER</b>

LOCATION		FLOODWAY			1% ANNUAL CHANCE FLOOD WATER SURFACE ELEVATION ( FEET NAVD88)			
CROSS SECTION	DISTANCE	WIDTH (FEET)	SECTION AREA (SQ. FEET)	MEAN VELOCITY (FEET/ SEC)	REGULATORY	WITHOUT FLOODWAY	WITH FLOODWAY	INCREASE
<b>TRIBUTARY E TO FLYBLOW CREEK</b>								
A	454 <sup>1</sup>	20	57	7.3	948.6	948.6	948.9	0.3
B	1,681 <sup>1</sup>	16	52	7.9	977.8	977.8	978.3	0.5
<b>TRIBUTARY E TO KEATON CREEK</b>								
A	427 <sup>2</sup>	180	246	2.2	996.7	989.4 <sup>3</sup>	989.5	0.1
B	1,998 <sup>2</sup>	45	105	5.7	1,006.9	1,006.9	1,006.9	0.0
C	3,668 <sup>2</sup>	20	50	8.9	1,055.4	1,055.4	1,055.4	0.0

<sup>1</sup>Feet above confluence with Flyblow Creek

<sup>2</sup>Feet above confluence with Keaton Creek

<sup>3</sup>Elevation computed without consideration of backwater effects from Keaton Creek

TABLE 24

FEDERAL EMERGENCY MANAGEMENT AGENCY

**DOUGLAS COUNTY, GA**

AND INCORPORATED AREAS

**FLOODWAY DATA**

FLOODING SOURCE: TRIBUTARY E TO FLYBLOW CREEK / TRIBUTARY E TO KEATON CREEK

LOCATION		FLOODWAY			1% ANNUAL CHANCE FLOOD WATER SURFACE ELEVATION ( FEET NAVD88)			
CROSS SECTION	DISTANCE <sup>1</sup>	WIDTH (FEET)	SECTION AREA (SQ. FEET)	MEAN VELOCITY (FEET/ SEC)	REGULATORY	WITHOUT FLOODWAY	WITH FLOODWAY	INCREASE
<b>TRIBUTARY E TO MOBLEY CREEK</b>								
A	492 <sup>1</sup>	27	62	7.7	988.5	988.5	988.6	0.1
B	1,313 <sup>1</sup>	49	84	5.7	1,009.2	1,009.2	1,009.3	0.1
C	2,063 <sup>1</sup>	31	59	8.0	1,026.8	1,026.8	1,026.9	0.1
<b>TRIBUTARY F TO DOG RIVER</b>								
A	111 <sup>2</sup>	54	154	8.1	870.4	861.6 <sup>3</sup>	861.6	0.0
B	1,520 <sup>2</sup>	10	78	15.9	906.0	905.9	906.5	0.6
C	3,039 <sup>2</sup>	60	394	3.2	933.2	933.2	934.1	0.9
D	4,431 <sup>2</sup>	17	87	11.3	959.6	959.6	959.9	0.3

<sup>1</sup>Feet above confluence with Mobley Creek  
<sup>2</sup>Feet above confluence with Dog River  
<sup>3</sup>Elevation computed without consideration of backwater effects from Dog River

TABLE 24	<b>FEDERAL EMERGENCY MANAGEMENT AGENCY</b> <b>DOUGLAS COUNTY, GA</b> <b>AND INCORPORATED AREAS</b>	<b>FLOODWAY DATA</b> <b>FLOODING SOURCE: TRIBUTARY E TO MOBLEY CREEK /</b> <b>TRIBUTARY F TO DOG RIVER /</b>
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LOCATION		FLOODWAY			1% ANNUAL CHANCE FLOOD WATER SURFACE ELEVATION ( FEET NAVD88)			
CROSS SECTION	DISTANCE <sup>1</sup>	WIDTH (FEET)	SECTION AREA (SQ. FEET)	MEAN VELOCITY (FEET/ SEC)	REGULATORY	WITHOUT FLOODWAY	WITH FLOODWAY	INCREASE
<b>TRIBUTARY F TO FLYBLOW CREEK</b>								
A	471 <sup>1</sup>	90	175	3.9	957.3	957.3	957.3	0.0
B	2,168 <sup>1</sup>	30	97	7.0	994.8	994.8	994.9	0.1
C	2,989 <sup>1</sup>	45	115	5.9	1,020.6	1,020.6	1,020.6	0.0
<b>TRIBUTARY F TO KEATON CREEK</b>								
A	196 <sup>2</sup>	13	75	10.2	998.5	997.3 <sup>3</sup>	998.1	0.8
B	1,441 <sup>2</sup>	56	126	6.0	1,011.2	1,011.2	1,011.2	0.0
C	3,084 <sup>2</sup>	22	46	9.0	1,098.0	1,098.0	1,098.0	0.0

<sup>1</sup>Feet above confluence with Flyblow Creek  
<sup>2</sup>Feet above confluence with Keaton Creek  
<sup>3</sup>Elevation computed without consideration of backwater effects from Keaton Creek

TABLE 24	FEDERAL EMERGENCY MANAGEMENT AGENCY <b>DOUGLAS COUNTY, GA</b> AND INCORPORATED AREAS	<b>FLOODWAY DATA</b>
		<b>FLOODING SOURCE: TRIBUTARY F TO FLYBLOW CREEK / TRIBUTARY F TO KEATON</b>

LOCATION		FLOODWAY			1% ANNUAL CHANCE FLOOD WATER SURFACE ELEVATION ( FEET NAVD88)			
CROSS SECTION	DISTANCE <sup>1</sup>	WIDTH (FEET)	SECTION AREA (SQ. FEET)	MEAN VELOCITY (FEET/ SEC)	REGULATORY	WITHOUT FLOODWAY	WITH FLOODWAY	INCREASE
<b>TRIBUTARY F TO MOBLEY CREEK</b>								
A	454 <sup>1</sup>	101	176	5.6	1,034.5	1,028.5 <sup>3</sup>	1,028.6	0.1
B	1,480 <sup>1</sup>	30	141	8.5	1,039.9	1,039.9	1,040.8	0.9
C	2,649 <sup>1</sup>	37	152	7.8	1,065.8	1,065.8	1,065.9	0.1
<b>TRIBUTARY G TO DOG RIVER</b>								
A	504 <sup>2</sup>	30	119	7.9	878.9	878.9	879.7	0.8
B	1,419 <sup>2</sup>	11	67	13.9	906.1	906.1	906.6	0.5

<sup>1</sup>Feet above confluence with Mobley Creek

<sup>2</sup>Feet above confluence with Dog River

<sup>3</sup>Elevation computed without consideration of backwater effects from Mobley Creek

TABLE 24

FEDERAL EMERGENCY MANAGEMENT AGENCY

**DOUGLAS COUNTY, GA**

AND INCORPORATED AREAS

**FLOODWAY DATA**

**FLOODING SOURCE: TRIBUTARY F TO MOBLEY CREEK / TRIBUTARY G TO DOG RIVER**

LOCATION		FLOODWAY			1% ANNUAL CHANCE FLOOD WATER SURFACE ELEVATION ( FEET NAVD88)			
CROSS SECTION	DISTANCE <sup>1</sup>	WIDTH (FEET)	SECTION AREA (SQ. FEET)	MEAN VELOCITY (FEET/ SEC)	REGULATORY	WITHOUT FLOODWAY	WITH FLOODWAY	INCREASE
<b>TRIBUTARY G TO KEATON CREEK</b>								
A	336 <sup>1</sup>	21	116	4.5	1,059.9	1,059.9	1,060.8	0.9
B	1,858 <sup>1</sup>	43	97	5.9	1,081.9	1,081.9	1,081.9	0.0
<b>TRIBUTARY H TO DOG RIVER</b>								
A	150 <sup>2</sup>	32	73	7.1	886.3	880.9 <sup>3</sup>	880.9	0.0
B	1,406 <sup>2</sup>	58	104	5.0	923.8	923.8	923.8	0.0
C	1,999 <sup>2</sup>	22	121	4.3	939.3	939.3	940.2	0.9
D	2,939 <sup>2</sup>	37	69	7.5	965.6	965.6	965.6	0.0

<sup>1</sup>Feet above confluence with Keaton Creek

<sup>2</sup>Feet above confluence with Dog River

<sup>3</sup>Elevation computed without consideration of backwater effects from Dog River

TABLE 24

FEDERAL EMERGENCY MANAGEMENT AGENCY

**DOUGLAS COUNTY, GA**

AND INCORPORATED AREAS

**FLOODWAY DATA**

**FLOODING SOURCE: TRIBUTARY G TO KEATON CREEK / TRIBUTARY H TO DOG RIVER**

LOCATION		FLOODWAY			1% ANNUAL CHANCE FLOOD WATER SURFACE ELEVATION ( FEET NAVD88)			
CROSS SECTION	DISTANCE <sup>1</sup>	WIDTH (FEET)	SECTION AREA (SQ. FEET)	MEAN VELOCITY (FEET/ SEC)	REGULATORY	WITHOUT FLOODWAY	WITH FLOODWAY	INCREASE
<b>TRIBUTARY H TO KEATON CREEK</b>								
A	624 <sup>1</sup>	41	70	6.4	1,068.9	1,068.9	1,068.9	0.0
<b>TRIBUTARY I TO DOG RIVER</b>								
A	143 <sup>2</sup>	27	70	9.7	890.1	885.4 <sup>3</sup>	885.4	0.0
B	1,784 <sup>2</sup>	76	135	5.0	930.4	930.4	930.4	0.0
<b>TRIBUTARY J TO DOG RIVER</b>								
A	101 <sup>2</sup>	24	58	8.2	910.5	900.7 <sup>3</sup>	900.7	0.0
B	1,015 <sup>2</sup>	11	42	11.1	939.0	939.0	939.0	0.0

<sup>1</sup>Feet above confluence with Keaton Creek

<sup>2</sup>Feet above confluence with Dog River

<sup>3</sup>Elevation computed without consideration of backwater effects from Dog River

TABLE 24

FEDERAL EMERGENCY MANAGEMENT AGENCY

**DOUGLAS COUNTY, GA**

AND INCORPORATED AREAS

**FLOODWAY DATA**

**FLOODING SOURCE: TRIBUTARY H TO KEATON CREEK / TRIBUTARY I TO DOG RIVER / TRIBUTARY J TO DOG RIVER**

LOCATION		FLOODWAY			1% ANNUAL CHANCE FLOOD WATER SURFACE ELEVATION ( FEET NAVD88)			
CROSS SECTION	DISTANCE <sup>1</sup>	WIDTH (FEET)	SECTION AREA (SQ. FEET)	MEAN VELOCITY (FEET/ SEC)	REGULATORY	WITHOUT FLOODWAY	WITH FLOODWAY	INCREASE
<b>TRIBUTARY K TO DOG RIVER*</b>								
A	997	67	167	4.3	913.5	906.5 <sup>2</sup>	907.3	0.8
B	1,884	100	163	4.4	917.9	917.9	917.9	0.0
<b>TRIBUTARY M TO DOG RIVER</b>								
A	1,563	32	66	6.3	923.9	923.9	923.9	0.0
B	2,723	15	42	9.8	937.4	937.4	937.4	0.0
C	3,994	47	95	6.6	967.9	967.9	967.9	0.0
D	4,647	76	143	4.4	985.1	985.1	985.1	0.0
<b>TRIBUTARY N TO DOG RIVER</b>								
A	464	38	108	8.0	927.5	927.0 <sup>2</sup>	927.1	0.1
B	1,670	23	98	8.8	963.8	963.8	964.0	0.2
C	2,274	54	123	7.0	978.6	978.6	978.7	0.1

<sup>1</sup>Feet above confluence with Dog River\*

<sup>2</sup>Elevation computed without consideration of backwater effects from Dog River

\*Confluence is 22 feet downstream of zero stationing

TABLE 24

FEDERAL EMERGENCY MANAGEMENT AGENCY

**DOUGLAS COUNTY, GA**

AND INCORPORATED AREAS

**FLOODWAY DATA**

**FLOODING SOURCE: TRIBUTARY K TO DOG RIVER / TRIBUTARY M TO DOG RIVER / TRIBUTARY N TO DOG RIVER**

LOCATION		FLOODWAY			1% ANNUAL CHANCE FLOOD WATER SURFACE ELEVATION ( FEET NAVD88)			
CROSS SECTION	DISTANCE <sup>1</sup>	WIDTH (FEET)	SECTION AREA (SQ. FEET)	MEAN VELOCITY (FEET/ SEC)	REGULATORY	WITHOUT FLOODWAY	WITH FLOODWAY	INCREASE
<b>TRIBUTARY O TO DOG RIVER</b>								
A	206	40	96	5.1	929.1	916.3 <sup>2</sup>	917.2	0.9
B	1,117	18	58	8.3	936.4	936.4	936.8	0.4
<b>TRIBUTARY P TO DOG RIVER</b>								
A	459	13	74	6.7	931.0	925.3 <sup>2</sup>	926.2	0.9
B	1,934	8	44	11.3	970.4	970.4	971.0	0.6
<b>TRIBUTARY Q TO DOG RIVER</b>								
A	887	57	85	4.5	939.6	939.6	939.7	0.1
B	2,564	17	47	10.3	976.7	976.7	976.7	0.0
C	3,714	9	48	9.9	997.7	997.7	998.4	0.7

<sup>1</sup>Feet above confluence with Dog River

<sup>2</sup>Elevation computed without consideration of backwater effects from Dog River

TABLE 24	<b>FEDERAL EMERGENCY MANAGEMENT AGENCY</b> <b>DOUGLAS COUNTY, GA</b> <b>AND INCORPORATED AREAS</b>	<b>FLOODWAY DATA</b> <b>FLOODING SOURCE: TRIBUTARY O TO DOG RIVER / TRIBUTARY P TO DOG RIVER / TRIBUTARY Q TO DOG RIVER</b>
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LOCATION		FLOODWAY			1% ANNUAL CHANCE FLOOD WATER SURFACE ELEVATION (FEET NAVD88)			
CROSS SECTION	DISTANCE <sup>1</sup>	WIDTH (FEET)	SECTION AREA (SQ. FEET)	MEAN VELOCITY (FEET/SEC)	REGULATORY	WITHOUT FLOODWAY	WITH FLOODWAY	INCREASE
A	898	24	61	8.9	1,052.7	1,052.7	1,052.7	0.0
B	1,307	19	56	9.7	1,061.6	1,061.6	1,061.6	0.0
C	1,867	17	54	10.1	1,073.3	1,073.3	1,073.3	0.0
D	2,625	24	60	9.0	1,088.8	1,088.8	1,088.8	0.0
E	3,662	20	37	7.7	1,108.1	1,108.1	1,108.2	0.1
F	4,874	14	33	8.7	1,139.9	1,139.9	1,139.9	0.0
G	5,303	15	34	8.4	1,156.7	1,156.7	1,156.7	0.0

<sup>1</sup>Feet above confluence with Hurricane Creek

TABLE 24

FEDERAL EMERGENCY MANAGEMENT AGENCY

**DOUGLAS COUNTY, GA**

AND INCORPORATED AREAS

**FLOODWAY DATA**

**FLOODING SOURCE: TYREE BRANCH**

LOCATION		FLOODWAY			1% ANNUAL CHANCE FLOOD WATER SURFACE ELEVATION (FEET NAVD88)			
CROSS SECTION	DISTANCE <sup>1</sup>	WIDTH (FEET)	SECTION AREA (SQ. FEET)	MEAN VELOCITY (FEET/SEC)	REGULATORY	WITHOUT FLOODWAY	WITH FLOODWAY	INCREASE
A	848	160	458	4.9	951.7	946.8 <sup>2</sup>	947.5	0.7
B	2,217	110	1,042	2.0	962.2	962.2	962.2	0.0
C	4,217	25	167	12.5	977.1	977.1	977.3	0.2
D	5,989	15	116	13.7	1,018.6	1,018.6	1,019.1	0.5

<sup>1</sup>Feet above confluence with Dog River\*

<sup>2</sup>Elevation computed without consideration of backwater effects from Dog River

\*Confluence is 22 feet downstream of zero stationing

TABLE 24

FEDERAL EMERGENCY MANAGEMENT AGENCY

**DOUGLAS COUNTY, GA**

AND INCORPORATED AREAS

**FLOODWAY DATA**

**FLOODING SOURCE: TYSON CREEK**

LOCATION		FLOODWAY			1% ANNUAL CHANCE FLOOD WATER SURFACE ELEVATION (FEET NAVD88)			
CROSS SECTION	DISTANCE <sup>1</sup>	WIDTH (FEET)	SECTION AREA (SQ. FEET)	MEAN VELOCITY (FEET/SEC)	REGULATORY	WITHOUT FLOODWAY	WITH FLOODWAY	INCREASE
A	1,790	200	790	1.7	955.1	955.1	956.1	1.0
B	5,070	130	480	2.8	970.1	970.1	971.1	1.0
C	5,951	210	280	4.9	974.2	974.2	975.2	1.0

<sup>1</sup>Feet above confluence with Mud Creek

TABLE 24

FEDERAL EMERGENCY MANAGEMENT AGENCY

**DOUGLAS COUNTY, GA**

AND INCORPORATED AREAS

**FLOODWAY DATA**

**FLOODING SOURCE: WATERFALL BRANCH**

LOCATION		FLOODWAY			1% ANNUAL CHANCE FLOOD WATER SURFACE ELEVATION ( FEET NAVD88)			
CROSS SECTION	DISTANCE <sup>1</sup>	WIDTH (FEET)	SECTION AREA (SQ. FEET)	MEAN VELOCITY (FEET/ SEC)	REGULATORY	WITHOUT FLOODWAY	WITH FLOODWAY	INCREASE
A	568	12	77	13.5	835.5	831.9 <sup>2</sup>	831.9	0.0
B	2,277	88	193	5.4	869.4	869.4	869.4	0.0
C	3,997	67	183	5.7	889.9	889.9	890.1	0.2
D	5,499	89	145	3.2	908.5	908.5	909.4	0.9
E	7,100	15	119	3.9	932.4	932.4	933.2	0.8
F	8,433	382	2,034	0.3	970.7	970.7	970.7	0.0
G	9,169	37	125	4.8	974.0	974.0	974.8	0.8

<sup>1</sup>Feet above confluence with Dog River

<sup>2</sup>Elevation computed without consideration of backwater effects from Dog River

TABLE 24

FEDERAL EMERGENCY MANAGEMENT AGENCY

DOUGLAS COUNTY, GA

AND INCORPORATED AREAS

FLOODWAY DATA

FLOODING SOURCE: YELLOW ROCK CREEK

LOCATION		FLOODWAY			1% ANNUAL CHANCE FLOOD WATER SURFACE ELEVATION (FEET NAVD88)			
CROSS SECTION	DISTANCE <sup>1</sup>	WIDTH (FEET)	SECTION AREA (SQ. FEET)	MEAN VELOCITY (FEET/SEC)	REGULATORY	WITHOUT FLOODWAY	WITH FLOODWAY	INCREASE
A	887	130	320	4.4	739.0	739.0	739.7	0.7
B	2,283	25	78	9.9	795.7	795.7	795.7	0.0
C	2,850	16	66	11.7	847.8	847.8	847.8	0.0
D	3,589	32	91	8.5	875.9	875.9	875.9	0.0
E	4,854	21	30	7.2	901.4	901.4	901.4	0.0
F	5,688	16	28	7.7	927.7	927.7	927.7	0.0
G	6,247	79	620	0.8	954.6	954.6	954.6	0.0
H	7,130	41	113	4.3	966.8	966.8	967.8	1.0

<sup>1</sup>Feet above confluence with Hurricane Creek

TABLE 24

FEDERAL EMERGENCY MANAGEMENT AGENCY

**DOUGLAS COUNTY, GA**

AND INCORPORATED AREAS

**FLOODWAY DATA**

**FLOODING SOURCE: ZION BRANCH**

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 25. 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 25: Flood Hazard and Non-Encroachment Data for Selected Streams**

[Not applicable to this Flood Risk Project]

## **6.4 Coastal Flood Hazard Mapping**

This section is not applicable to this Flood Risk Project.

**Table 26: 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 31, “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](http://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](http://www.fema.gov/online-tutorials).

For more information about how to apply for a LOMA, call the FEMA Map Information 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](http://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 Map Information 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](http://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](http://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 Map Information 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 Douglas County FIRM are listed in Table 27.

Please note that this table only includes LOMCs that have been issued on the FIRM panels updated by this map revision. For all other areas within this county, users should be aware that revisions to the FIS Report made by prior LOMRs may not be reflected herein and users will need to continue to use the previously issued LOMRs to obtain the most current data. Please note that this table only includes LOMCs that have been issued on the FIRM panels updated by this map revision. For all other areas within this county, users should be aware that revisions to the FIS Report made by prior LOMRs may not be reflected herein and users will need to continue to use the previously issued LOMRs to obtain the most current data.

**Table 27: Incorporated Letters of Map Change**

[Not applicable to this Flood Risk Study]

### **6.5.4 Physical Map Revisions**

Physical Map Revisions (PMRs) are 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](http://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](http://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 Douglas 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 28, "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 28 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 Flood Hazard Boundary Map (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 Physical Map Revisions (PMR) 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 Douglas County FIRMs in countywide format was 08/18/2009.

**Table 28: Community Map History**

Community Name	Initial Identification Date	Initial FHBM Effective Date	FHBM Revision Date(s)	Initial FIRM Effective Date	FIRM Revision Date(s)
Austell, City of	04/05/1974	04/05/1974	02/20/1976	12/01/1977	TBD 09/27/1991
Douglas County, Unincorporated Areas	03/05/1976	03/05/1976	N/A	01/02/1980	TBD 03/15/1984
Douglasville, City of	04/25/1975	4/25/1975	07/25/1980	06/25/1982	TBD

## SECTION 7.0 – CONTRACTED STUDIES AND COMMUNITY COORDINATION

### 7.1 Contracted Studies

Table 29 provides a summary of the contracted studies, by flooding source, that are included in this FIS Report.

**Table 29: Summary of Contracted Studies Included in this FIS Report**

Flooding Source	FIS Report Dated	Contractor	Number	Work Completed Date	Affected Communities
Alexander Branch	March 4, 2013	Atkins, Dewberry, and Jacobs	GA DNR-EPD MAS FY09.09. Project Order No. 100015064	May 1, 2011	Douglas County, Unincorporated Areas
Alexander Branch Tributary A	March 4, 2013	Atkins, Dewberry, and Jacobs	GA DNR-EPD MAS FY09.09. Project Order No. 100015064	May 1, 2011	Douglas County, Unincorporated Areas

**Table 29: Summary of Contracted Studies Included in this FIS Report continued**

Flooding Source	FIS Report Dated	Contractor	Number	Work Completed Date	Affected Communities
Alexander Branch Tributary B	March 4, 2013	Atkins, Dewberry, and Jacobs	GA DNR-EPD MAS FY09.09. Project Order No. 100015064	May 1, 2011	Douglas County, Unincorporated Areas
Amber Creek	March 4, 2013	Atkins, Dewberry, and Jacobs	GA DNR-EPD MAS FY09.09. Project Order No. 100015064	May 1, 2011	Douglas County, Unincorporated Areas
Amber Creek Tributary A	March 4, 2013	Atkins, Dewberry, and Jacobs	GA DNR-EPD MAS FY09.09. Project Order No. 100015064	May 1, 2011	Douglas County, Unincorporated Areas
Anneewakee Creek	March 4, 2013	Atkins, Dewberry, and Jacobs	GA DNR-EPD MAS FY09.09. Project Order No. 100015064	May 1, 2011	Douglasville, City of, Douglas County, Unincorporated Areas
Anneewakee Creek Tributary A	March 4, 2013	Atkins, Dewberry, and Jacobs	GA DNR-EPD MAS FY09.09. Project Order No. 100015064	May 1, 2011	Douglas County, Unincorporated Areas
Anneewakee Creek Tributary B	March 4, 2013	Atkins, Dewberry, and Jacobs	GA DNR-EPD MAS FY09.09. Project Order No. 100015064	May 1, 2011	Douglas County, Unincorporated Areas
Anneewakee Creek Tributary C	March 4, 2013	Atkins, Dewberry, and Jacobs	GA DNR-EPD MAS FY09.09. Project Order No. 100015064	May 1, 2011	Douglas County, Unincorporated Areas
Anneewakee Creek Tributary D	March 4, 2013	Atkins, Dewberry, and Jacobs	GA DNR-EPD MAS FY09.09. Project Order No. 100015064	May 1, 2011	Douglas County, Unincorporated Areas
Anneewakee Creek Tributary E	March 4, 2013	Atkins, Dewberry, and Jacobs	GA DNR-EPD MAS FY09.09. Project Order No. 100015064	May 1, 2011	Douglas County, Unincorporated Areas
Anneewakee Creek Tributary F	March 4, 2013	Atkins, Dewberry, and Jacobs	GA DNR-EPD MAS FY09.09. Project Order No. 100015064	May 1, 2011	Douglas County, Unincorporated Areas

**Table 29: Summary of Contracted Studies Included in this FIS Report continued**

Flooding Source	FIS Report Dated	Contractor	Number	Work Completed Date	Affected Communities
Anneewakee Creek Tributary G	March 4, 2013	Atkins, Dewberry, and Jacobs	GA DNR-EPD MAS FY09.09. Project Order No. 100015064	May 1, 2011	Douglas County, Unincorporated Areas
Anneewakee Creek Tributary H	March 4, 2013	Atkins, Dewberry, and Jacobs	GA DNR-EPD MAS FY09.09. Project Order No. 100015064	May 1, 2011	Douglasville, City of, Douglas County, Unincorporated Areas
Anneewakee Creek Tributary I	March 4, 2013	Atkins, Dewberry, and Jacobs	GA DNR-EPD MAS FY09.09. Project Order No. 100015064	May 1, 2011	Douglasville, City of, Douglas County, Unincorporated Areas
Anneewakee Creek Tributary J	March 4, 2013	Atkins, Dewberry, and Jacobs	GA DNR-EPD MAS FY09.09. Project Order No. 100015064	May 1, 2011	Douglasville, City of, Douglas County, Unincorporated Areas
Anneewakee Creek Tributary K	March 4, 2013	Atkins, Dewberry, and Jacobs	GA DNR-EPD MAS FY09.09. Project Order No. 100015064	May 1, 2011	Douglasville, City of
Anneewakee Creek Tributary L	March 4, 2013	Atkins, Dewberry, and Jacobs	GA DNR-EPD MAS FY09.09. Project Order No. 100015064	May 1, 2011	Douglasville, City of
Arbor Branch	March 4, 2013	Atkins, Dewberry, and Jacobs	GA DNR-EPD MAS FY09.09. Project Order No. 100015064	May 1, 2011	Douglasville, City of, Douglas County, Unincorporated Areas
Arbor Branch Tributary A	March 4, 2013	Atkins, Dewberry, and Jacobs	GA DNR-EPD MAS FY09.09. Project Order No. 100015064	May 1, 2011	Douglasville, City of
Austin Creek	TBD	Jacobs	HSFE60-15-D-0003 HSFE60-15-J-0002	December 1, 2012	Douglas County, Unincorporated Areas
Ayer Creek	TBD	Jacobs	HSFE60-15-D-0003 HSFE60-15-J-0002	December 1, 2012	Douglas County, Unincorporated Areas
Baggett Creek	TBD	Jacobs	HSFE60-15-D-0003 HSFE60-15-J-0002	December 1, 2012	Douglas County, Unincorporated Areas

**Table 29: Summary of Contracted Studies Included in this FIS Report continued**

Flooding Source	FIS Report Dated	Contractor	Number	Work Completed Date	Affected Communities
Baldwin Creek	March 4, 2013	Atkins, Dewberry, and Jacobs	GA DNR-EPD MAS FY09.09. Project Order No. 100015064	May 1, 2011	Douglas County, Unincorporated Areas
Baldwin Creek Tributary A	March 4, 2013	Atkins, Dewberry, and Jacobs	GA DNR-EPD MAS FY09.09. Project Order No. 100015064	May 1, 2011	Douglas County, Unincorporated Areas
Bear Creek	March 4, 2013	Atkins, Dewberry, and Jacobs	GA DNR-EPD MAS FY09.09. Project Order No. 100015064	May 1, 2011	Douglas County, Unincorporated Areas
Bear Creek Tributary A	March 4, 2013	Atkins, Dewberry, and Jacobs	GA DNR-EPD MAS FY09.09. Project Order No. 100015064	May 1, 2011	Douglas County, Unincorporated Areas
Bear Creek Tributary B	March 4, 2013	Atkins, Dewberry, and Jacobs	GA DNR-EPD MAS FY09.09. Project Order No. 100015064	May 1, 2011	Douglas County, Unincorporated Areas
Bear Creek Tributary C	March 4, 2013	Atkins, Dewberry, and Jacobs	GA DNR-EPD MAS FY09.09. Project Order No. 100015064	May 1, 2011	Douglas County, Unincorporated Areas
Bear Creek Tributary D	March 4, 2013	Atkins, Dewberry, and Jacobs	GA DNR-EPD MAS FY09.09. Project Order No. 100015064	May 1, 2011	Douglas County, Unincorporated Areas
Bear Creek Tributary E	March 4, 2013	Atkins, Dewberry, and Jacobs	GA DNR-EPD MAS FY09.09. Project Order No. 100015064	May 1, 2011	Douglas County, Unincorporated Areas
Bear Creek Tributary F	March 4, 2013	Atkins, Dewberry, and Jacobs	GA DNR-EPD MAS FY09.09. Project Order No. 100015064	May 1, 2011	Douglas County, Unincorporated Areas
Bear Creek Tributary G	March 4, 2013	Atkins, Dewberry, and Jacobs	GA DNR-EPD MAS FY09.09. Project Order No. 100015064	May 1, 2011	Douglas County, Unincorporated Areas

**Table 29: Summary of Contracted Studies Included in this FIS Report continued**

Flooding Source	FIS Report Dated	Contractor	Number	Work Completed Date	Affected Communities
Beaver Creek	March 4, 2013	Atkins, Dewberry, and Jacobs	GA DNR-EPD MAS FY09.09. Project Order No. 100015064	May 1, 2011	Douglasville, City of, Douglas County, Unincorporated Areas
Beaver Creek Tributary A	March 4, 2013	Atkins, Dewberry, and Jacobs	GA DNR-EPD MAS FY09.09. Project Order No. 100015064	May 1, 2011	Douglas County, Unincorporated Areas
Berea Creek	TBD	Jacobs	HSFE60-15-D-0003 HSFE60-15-J-0002	December 1, 2012	Douglas County, Unincorporated Areas
Billy Creek	TBD	Jacobs	HSFE60-15-D-0003 HSFE60-15-J-0002	December 1, 2012	Douglas County, Unincorporated Areas
Boatwright Creek	TBD	Jacobs	HSFE60-15-D-0003 HSFE60-15-J-0002	December 1, 2012	Douglas County, Unincorporated Areas
Boatwright Creek Tributary A	TBD	Jacobs	HSFE60-15-D-0003 HSFE60-15-J-0002	December 1, 2012	Douglas County, Unincorporated Areas
Boatwright Creek Tributary B	TBD	Jacobs	HSFE60-15-D-0003 HSFE60-15-J-0002	December 1, 2012	Douglas County, Unincorporated Areas
Boatwright Creek Tributary C	TBD	Jacobs	HSFE60-15-D-0003 HSFE60-15-J-0002	December 1, 2012	Douglas County, Unincorporated Areas
Bomar Branch	March 4, 2013	Atkins, Dewberry, and Jacobs	GA DNR-EPD MAS FY09.09. Project Order No. 100015064	May 1, 2011	Douglas County, Unincorporated Areas
BrightStar Creek	TBD	Jacobs	HSFE60-15-D-0003 HSFE60-15-J-0002	December 1, 2012	Douglasville, City of; Douglas County, Unincorporated Areas
Caine Creek	TBD	Jacobs	HSFE60-15-D-0003 HSFE60-15-J-0002	December 1, 2012	Douglas County, Unincorporated Areas
Camp Branch	March 4, 2013	Atkins, Dewberry, and Jacobs	GA DNR-EPD MAS FY09.09. Project Order No. 100015064	May 1, 2011	Douglas County, Unincorporated Areas
Camp Branch Tributary A	March 4, 2013	Atkins, Dewberry, and Jacobs	GA DNR-EPD MAS FY09.09. Project Order No. 100015064	May 1, 2011	Douglas County, Unincorporated Areas

**Table 29: Summary of Contracted Studies Included in this FIS Report continued**

Flooding Source	FIS Report Dated	Contractor	Number	Work Completed Date	Affected Communities
Chapel Farms Creek	March 4, 2013	Atkins, Dewberry, and Jacobs	GA DNR-EPD MAS FY09.09. Project Order No. 100015064	May 1, 2011	Douglas County, Unincorporated Areas
Chapel Farms Creek Tributary A	March 4, 2013	Atkins, Dewberry, and Jacobs	GA DNR-EPD MAS FY09.09. Project Order No. 100015064	May 1, 2011	Douglas County, Unincorporated Areas
Chattahoochee River	March 4, 2013	Atkins, Dewberry, and Jacobs	GA DNR-EPD MAS FY09.09. Project Order No. 100015064	May 1, 2011	Douglasville, City of; Douglas County, Unincorporated Areas
Coursey Creek	March 4, 2013	Atkins, Dewberry, and Jacobs	GA DNR-EPD MAS FY09.09. Project Order No. 100015064	May 1, 2011	Douglas County, Unincorporated Areas
Crawfish Creek	TBD	Jacobs	HSFE60-15-D-0003 HSFE60-15-J-0002	December 1, 2012	Douglas County, Unincorporated Areas
Crooked Creek	March 4, 2013	Atkins, Dewberry, and Jacobs	GA DNR-EPD MAS FY09.09. Project Order No. 100015064	May 1, 2011	Douglasville, City of; Douglas County, Unincorporated Areas
Crooked Creek Tributary A	March 4, 2013	Atkins, Dewberry, and Jacobs	GA DNR-EPD MAS FY09.09. Project Order No. 100015064	May 1, 2011	Douglas County, Unincorporated Areas
Crooked Creek Tributary B	March 4, 2013	Atkins, Dewberry, and Jacobs	GA DNR-EPD MAS FY09.09. Project Order No. 100015064	May 1, 2011	Douglas County, Unincorporated Areas
Crooked Creek Tributary C	March 4, 2013	Atkins, Dewberry, and Jacobs	GA DNR-EPD MAS FY09.09. Project Order No. 100015064	May 1, 2011	Douglas County, Unincorporated Areas
Crooked Creek Tributary D	March 4, 2013	Atkins, Dewberry, and Jacobs	GA DNR-EPD MAS FY09.09. Project Order No. 100015064	May 1, 2011	Douglas County, Unincorporated Areas

**Table 29: Summary of Contracted Studies Included in this FIS Report continued**

Flooding Source	FIS Report Dated	Contractor	Number	Work Completed Date	Affected Communities
Crossing Branch	March 4, 2013	Atkins, Dewberry, and Jacobs	GA DNR-EPD MAS FY09.09. Project Order No. 100015064	May 1, 2011	Douglasville, City of; Douglas County, Unincorporated Areas
Dog River	March 4, 2013	Atkins, Dewberry, and Jacobs	GA DNR-EPD MAS FY09.09. Project Order No. 100015064	May 1, 2011	Douglas County, Unincorporated Areas
Dog River	TBD	Jacobs	HSFE60-15-D-0003 HSFE60-15-J-0002	December 1, 2012	Douglas County, Unincorporated Areas
Dorsett Creek	March 4, 2013	Atkins, Dewberry, and Jacobs	GA DNR-EPD MAS FY09.09. Project Order No. 100015064	May 1, 2011	Douglas County, Unincorporated Areas
Downs Creek	TBD	Jacobs	HSFE60-15-D-0003 HSFE60-15-J-0002	December 1, 2012	Douglas County, Unincorporated Areas
Dry Creek	March 4, 2013	Atkins, Dewberry, and Jacobs	GA DNR-EPD MAS FY09.09. Project Order No. 100015064	May 1, 2011	Douglas County, Unincorporated Areas
Dry Creek Tributary A	March 4, 2013	Atkins, Dewberry, and Jacobs	GA DNR-EPD MAS FY09.09. Project Order No. 100015064	May 1, 2011	Douglas County, Unincorporated Areas
Dry Creek Tributary B	March 4, 2013	Atkins, Dewberry, and Jacobs	GA DNR-EPD MAS FY09.09. Project Order No. 100015064	May 1, 2011	Douglas County, Unincorporated Areas
Dry Creek Tributary C	March 4, 2013	Atkins, Dewberry, and Jacobs	GA DNR-EPD MAS FY09.09. Project Order No. 100015064	May 1, 2011	Douglas County, Unincorporated Areas
Duncan Creek	TBD	Jacobs	HSFE60-15-D-0003 HSFE60-15-J-0002	December 1, 2012	Douglas County, Unincorporated Areas
Ephesus Creek	TBD	Jacobs	HSFE60-15-D-0003 HSFE60-15-J-0002	December 1, 2012	Douglas County, Unincorporated Areas

**Table 29: Summary of Contracted Studies Included in this FIS Report continued**

Flooding Source	FIS Report Dated	Contractor	Number	Work Completed Date	Affected Communities
Farm Branch	March 4, 2013	Atkins, Dewberry, and Jacobs	GA DNR-EPD MAS FY09.09. Project Order No. 100015064	May 1, 2011	Douglas County, Unincorporated Areas
Farm Branch Tributary A	March 4, 2013	Atkins, Dewberry, and Jacobs	GA DNR-EPD MAS FY09.09. Project Order No. 100015064	May 1, 2011	Douglas County, Unincorporated Areas
Flybow Creek	March 4, 2013	Atkins, Dewberry, and Jacobs	GA DNR-EPD MAS FY09.09. Project Order No. 100015064	May 1, 2011	Douglas County, Unincorporated Areas
Gordon Creek	March 4, 2013	Atkins, Dewberry, and Jacobs	GA DNR-EPD MAS FY09.09. Project Order No. 100015064	May 1, 2011	Douglasville, City of; Douglas County, Unincorporated Areas
Gothards Creek	March 4, 2013	Atkins, Dewberry, and Jacobs	GA DNR-EPD MAS FY09.09. Project Order No. 100015064	May 1, 2011	Douglas County, Unincorporated Areas
Gothards Creek Tributary 1	March 4, 2013	Atkins, Dewberry, and Jacobs	GA DNR-EPD MAS FY09.09. Project Order No. 100015064	May 1, 2011	Douglas County, Unincorporated Areas
Gothards Creek Tributary 2	March 4, 2013	Atkins, Dewberry, and Jacobs	GA DNR-EPD MAS FY09.09. Project Order No. 100015064	May 1, 2011	Douglas County, Unincorporated Areas
Gothards Creek Tributary 2.1	March 4, 2013	Atkins, Dewberry, and Jacobs	GA DNR-EPD MAS FY09.09. Project Order No. 100015064	May 1, 2011	Douglas County, Unincorporated Areas
Gothards Creek Tributary 3	March 4, 2013	Atkins, Dewberry, and Jacobs	GA DNR-EPD MAS FY09.09. Project Order No. 100015064	May 1, 2011	Douglas County, Unincorporated Areas
Gothards Creek Tributary 3.1	March 4, 2013	Atkins, Dewberry, and Jacobs	GA DNR-EPD MAS FY09.09. Project Order No. 100015064	May 1, 2011	Douglas County, Unincorporated Areas

**Table 29: Summary of Contracted Studies Included in this FIS Report continued**

Flooding Source	FIS Report Dated	Contractor	Number	Work Completed Date	Affected Communities
Gothards Creek Tributary 3.2	March 4, 2013	Atkins, Dewberry, and Jacobs	GA DNR-EPD MAS FY09.09. Project Order No. 100015064	May 1, 2011	Douglas County, Unincorporated Areas
Gothards Creek Tributary 4	March 4, 2013	Atkins, Dewberry, and Jacobs	GA DNR-EPD MAS FY09.09. Project Order No. 100015064	May 1, 2011	Douglas County, Unincorporated Areas
Gothards Creek Tributary 4.1	March 4, 2013	Atkins, Dewberry, and Jacobs	GA DNR-EPD MAS FY09.09. Project Order No. 100015064	May 1, 2011	Douglas County, Unincorporated Areas
Gothards Creek Tributary 4.1.1	March 4, 2013	Atkins, Dewberry, and Jacobs	GA DNR-EPD MAS FY09.09. Project Order No. 100015064	May 1, 2011	Douglas County, Unincorporated Areas
Gothards Creek Tributary 6	March 4, 2013	Atkins, Dewberry, and Jacobs	GA DNR-EPD MAS FY09.09. Project Order No. 100015064	May 1, 2011	Douglas County, Unincorporated Areas
Gothards Creek Tributary 8	March 4, 2013	Atkins, Dewberry, and Jacobs	GA DNR-EPD MAS FY09.09. Project Order No. 100015064	May 1, 2011	Douglas County, Unincorporated Areas
Gothards Creek Tributary 8.1	March 4, 2013	Atkins, Dewberry, and Jacobs	GA DNR-EPD MAS FY09.09. Project Order No. 100015064	May 1, 2011	Douglas County, Unincorporated Areas
Gothards Creek Tributary 9	March 4, 2013	Atkins, Dewberry, and Jacobs	GA DNR-EPD MAS FY09.09. Project Order No. 100015064	May 1, 2011	Douglas County, Unincorporated Areas
Gothards Creek Tributary 10	March 4, 2013	Atkins, Dewberry, and Jacobs	GA DNR-EPD MAS FY09.09. Project Order No. 100015064	May 1, 2011	Douglas County, Unincorporated Areas
Gothards Creek Tributary 11	March 4, 2013	Atkins, Dewberry, and Jacobs	GA DNR-EPD MAS FY09.09. Project Order No. 100015064	May 1, 2011	Douglas County, Unincorporated Areas

**Table 29: Summary of Contracted Studies Included in this FIS Report continued**

Flooding Source	FIS Report Dated	Contractor	Number	Work Completed Date	Affected Communities
Gothards Creek Tributary 11.1	March 4, 2013	Atkins, Dewberry, and Jacobs	GA DNR-EPD MAS FY09.09. Project Order No. 100015064	May 1, 2011	Douglas County, Unincorporated Areas
Gothards Creek Tributary 11.2	March 4, 2013	Atkins, Dewberry, and Jacobs	GA DNR-EPD MAS FY09.09. Project Order No. 100015064	May 1, 2011	Douglas County, Unincorporated Areas
Gothards Creek Tributary 11.3	March 4, 2013	Atkins, Dewberry, and Jacobs	GA DNR-EPD MAS FY09.09. Project Order No. 100015064	May 1, 2011	Douglas County, Unincorporated Areas
Gothards Creek Tributary 12	March 4, 2013	Atkins, Dewberry, and Jacobs	GA DNR-EPD MAS FY09.09. Project Order No. 100015064	May 1, 2011	Douglas County, Unincorporated Areas
Gothards Creek Tributary 15	March 4, 2013	Atkins, Dewberry, and Jacobs	GA DNR-EPD MAS FY09.09. Project Order No. 100015064	May 1, 2011	Douglas County, Unincorporated Areas
Helton Creek	TBD	Jacobs	HSFE60-15-D-0003 HSFE60-15-J-0002	December 1, 2012	Douglas County, Unincorporated Areas
Hickory Creek	March 4, 2013	Atkins, Dewberry, and Jacobs	GA DNR-EPD MAS FY09.09. Project Order No. 100015064	May 1, 2011	Douglas County, Unincorporated Areas
Hickory Creek Tributary A	March 4, 2013	Atkins, Dewberry, and Jacobs	GA DNR-EPD MAS FY09.09. Project Order No. 100015064	May 1, 2011	Douglasville, City of; Douglas County, Unincorporated Areas
Hickory Creek Tributary B	March 4, 2013	Atkins, Dewberry, and Jacobs	GA DNR-EPD MAS FY09.09. Project Order No. 100015064	May 1, 2011	Douglasville, City of; Douglas County, Unincorporated Areas
Hickory Creek Tributary C	March 4, 2013	Atkins, Dewberry, and Jacobs	GA DNR-EPD MAS FY09.09. Project Order No. 100015064	May 1, 2011	Douglasville, City of; Douglas County, Unincorporated Areas

**Table 29: Summary of Contracted Studies Included in this FIS Report continued**

Flooding Source	FIS Report Dated	Contractor	Number	Work Completed Date	Affected Communities
Hickory Creek Tributary D	March 4, 2013	Atkins, Dewberry, and Jacobs	GA DNR-EPD MAS FY09.09. Project Order No. 100015064	May 1, 2011	Douglas County, Unincorporated Areas
Hickory Creek Tributary E	March 4, 2013	Atkins, Dewberry, and Jacobs	GA DNR-EPD MAS FY09.09. Project Order No. 100015064	May 1, 2011	Douglas County, Unincorporated Areas
Huey Creek	March 4, 2013	Atkins, Dewberry, and Jacobs	GA DNR-EPD MAS FY09.09. Project Order No. 100015064	May 1, 2011	Douglasville, City of; Douglas County, Unincorporated Areas
Huey Creek Tributary 1	March 4, 2013	Atkins, Dewberry, and Jacobs	GA DNR-EPD MAS FY09.09. Project Order No. 100015064	May 1, 2011	Douglasville, City of; Douglas County, Unincorporated Areas
Huey Creek Tributary 1.1	March 4, 2013	Atkins, Dewberry, and Jacobs	GA DNR-EPD MAS FY09.09. Project Order No. 100015064	May 1, 2011	Douglas County, Unincorporated Areas
Huey Creek Tributary 2	March 4, 2013	Atkins, Dewberry, and Jacobs	GA DNR-EPD MAS FY09.09. Project Order No. 100015064	May 1, 2011	Douglas County, Unincorporated Areas
Huey Creek Tributary 3	March 4, 2013	Atkins, Dewberry, and Jacobs	GA DNR-EPD MAS FY09.09. Project Order No. 100015064	May 1, 2011	Douglas County, Unincorporated Areas
Hurricane Creek	March 4, 2013	Atkins, Dewberry, and Jacobs	GA DNR-EPD MAS FY09.09. Project Order No. 100015064	May 1, 2011	Douglas County, Unincorporated Areas
Hurricane Creek Tributary A	March 4, 2013	Atkins, Dewberry, and Jacobs	GA DNR-EPD MAS FY09.09. Project Order No. 100015064	May 1, 2011	Douglas County, Unincorporated Areas
Hurricane Creek Tributary B	March 4, 2013	Atkins, Dewberry, and Jacobs	GA DNR-EPD MAS FY09.09. Project Order No. 100015064	May 1, 2011	Douglas County, Unincorporated Areas

**Table 29: Summary of Contracted Studies Included in this FIS Report continued**

Flooding Source	FIS Report Dated	Contractor	Number	Work Completed Date	Affected Communities
Hurricane Creek Tributary C	March 4, 2013	Atkins, Dewberry, and Jacobs	GA DNR-EPD MAS FY09.09. Project Order No. 100015064	May 1, 2011	Douglas County, Unincorporated Areas
Hurricane Creek Tributary D	March 4, 2013	Atkins, Dewberry, and Jacobs	GA DNR-EPD MAS FY09.09. Project Order No. 100015064	May 1, 2011	Douglas County, Unincorporated Areas
Hurricane Creek Tributary E	March 4, 2013	Atkins, Dewberry, and Jacobs	GA DNR-EPD MAS FY09.09. Project Order No. 100015064	May 1, 2011	Douglas County, Unincorporated Areas
Keaton Creek	TBD	Jacobs	HSFE60-15-D-0003 HSFE60-15-J-0002	December 1, 2012	Douglas County, Unincorporated Areas
Keaton Creek Tributary 1	TBD	Jacobs	HSFE60-15-D-0003 HSFE60-15-J-0002	December 1, 2012	Douglas County, Unincorporated Areas
Keaton Creek Tributary 2	TBD	Jacobs	HSFE60-15-D-0003 HSFE60-15-J-0002	December 1, 2012	Douglas County, Unincorporated Areas
Knollwood Branch	March 4, 2013	Atkins, Dewberry, and Jacobs	GA DNR-EPD MAS FY09.09. Project Order No. 100015064	May 1, 2011	Douglasville, City of; Douglas County, Unincorporated Areas
Knollwood Branch Tributary A	March 4, 2013	Atkins, Dewberry, and Jacobs	GA DNR-EPD MAS FY09.09. Project Order No. 100015064	May 1, 2011	Douglas County, Unincorporated Areas
Kraft Creek	March 4, 2013	Atkins, Dewberry, and Jacobs	GA DNR-EPD MAS FY09.09. Project Order No. 100015064	May 1, 2011	Douglas County, Unincorporated Areas
Kraft Creek Tributary A	March 4, 2013	Atkins, Dewberry, and Jacobs	GA DNR-EPD MAS FY09.09. Project Order No. 100015064	May 1, 2011	Douglas County, Unincorporated Areas
Lamplighter Creek	TBD	Jacobs	HSFE60-15-D-0003 HSFE60-15-J-0002	December 1, 2012	Douglas County, Unincorporated Areas

**Table 29: Summary of Contracted Studies Included in this FIS Report continued**

Flooding Source	FIS Report Dated	Contractor	Number	Work Completed Date	Affected Communities
Lion Branch	March 4, 2013	Atkins, Dewberry, and Jacobs	GA DNR-EPD MAS FY09.09. Project Order No. 100015064	May 1, 2011	Douglasville, City of; Douglas County, Unincorporated Areas
Lion Branch Tributary A	March 4, 2013	Atkins, Dewberry, and Jacobs	GA DNR-EPD MAS FY09.09. Project Order No. 100015064	May 1, 2011	Douglas County, Unincorporated Areas
Lion Branch Tributary B	March 4, 2013	Atkins, Dewberry, and Jacobs	GA DNR-EPD MAS FY09.09. Project Order No. 100015064	May 1, 2011	Douglas County, Unincorporated Areas
Little Anneewakee Creek	March 4, 2013	Atkins, Dewberry, and Jacobs	GA DNR-EPD MAS FY09.09. Project Order No. 100015064	May 1, 2011	Douglasville, City of; Douglas County, Unincorporated Areas
Little Anneewakee Creek Tributary A	March 4, 2013	Atkins, Dewberry, and Jacobs	GA DNR-EPD MAS FY09.09. Project Order No. 100015064	May 1, 2011	Douglasville, City of; Douglas County, Unincorporated Areas
Little Anneewakee Creek Tributary B	March 4, 2013	Atkins, Dewberry, and Jacobs	GA DNR-EPD MAS FY09.09. Project Order No. 100015064	May 1, 2011	Douglasville, City of
Little Anneewakee Creek Tributary C	March 4, 2013	Atkins, Dewberry, and Jacobs	GA DNR-EPD MAS FY09.09. Project Order No. 100015064	May 1, 2011	Douglasville, City of; Douglas County, Unincorporated Areas
Little Anneewakee Creek Tributary D	March 4, 2013	Atkins, Dewberry, and Jacobs	GA DNR-EPD MAS FY09.09. Project Order No. 100015064	May 1, 2011	Douglasville, City of; Douglas County, Unincorporated Areas
Little Anneewakee Creek Tributary E	March 4, 2013	Atkins, Dewberry, and Jacobs	GA DNR-EPD MAS FY09.09. Project Order No. 100015064	May 1, 2011	Douglasville, City of; Douglas County, Unincorporated Areas
Little Bear Creek	March 4, 2013	Atkins, Dewberry, and Jacobs	GA DNR-EPD MAS FY09.09. Project Order No. 100015064	May 1, 2011	Douglas County, Unincorporated Areas

**Table 29: Summary of Contracted Studies Included in this FIS Report continued**

Flooding Source	FIS Report Dated	Contractor	Number	Work Completed Date	Affected Communities
Little Bear Creek Tributary A	March 4, 2013	Atkins, Dewberry, and Jacobs	GA DNR-EPD MAS FY09.09. Project Order No. 100015064	May 1, 2011	Douglas County, Unincorporated Areas
Little Bear Creek Tributary B	March 4, 2013	Atkins, Dewberry, and Jacobs	GA DNR-EPD MAS FY09.09. Project Order No. 100015064	May 1, 2011	Douglas County, Unincorporated Areas
Little Bear Creek Tributary C	March 4, 2013	Atkins, Dewberry, and Jacobs	GA DNR-EPD MAS FY09.09. Project Order No. 100015064	May 1, 2011	Douglas County, Unincorporated Areas
Little Bear Creek Tributary D	March 4, 2013	Atkins, Dewberry, and Jacobs	GA DNR-EPD MAS FY09.09. Project Order No. 100015064	May 1, 2011	Douglas County, Unincorporated Areas
Little Bear Creek Tributary E	March 4, 2013	Atkins, Dewberry, and Jacobs	GA DNR-EPD MAS FY09.09. Project Order No. 100015064	May 1, 2011	Douglas County, Unincorporated Areas
Little Bear Creek Tributary F	March 4, 2013	Atkins, Dewberry, and Jacobs	GA DNR-EPD MAS FY09.09. Project Order No. 100015064	May 1, 2011	Douglas County, Unincorporated Areas
Little Hurricane Creek	March 4, 2013	Atkins, Dewberry, and Jacobs	GA DNR-EPD MAS FY09.09. Project Order No. 100015064	May 1, 2011	Douglas County, Unincorporated Areas
Little Hurricane Creek Tributary A	March 4, 2013	Atkins, Dewberry, and Jacobs	GA DNR-EPD MAS FY09.09. Project Order No. 100015064	May 1, 2011	Douglas County, Unincorporated Areas
Margie Branch	March 4, 2013	Atkins, Dewberry, and Jacobs	GA DNR-EPD MAS FY09.09. Project Order No. 100015064	May 1, 2011	Douglas County, Unincorporated Areas
Margie Branch Tributary A	March 4, 2013	Atkins, Dewberry, and Jacobs	GA DNR-EPD MAS FY09.09. Project Order No. 100015064	May 1, 2011	Douglas County, Unincorporated Areas

**Table 29: Summary of Contracted Studies Included in this FIS Report continued**

Flooding Source	FIS Report Dated	Contractor	Number	Work Completed Date	Affected Communities
Mason Creek	TBD	Jacobs	HSFE60-15-D-0003 HSFE60-15-J-0002	December 1, 2012	Douglas County, Unincorporated Areas
McCoy Creek	TBD	Jacobs	HSFE60-15-D-0003 HSFE60-15-J-0002	December 1, 2012	Douglas County, Unincorporated Areas
Mill Creek	March 4, 2013	Atkins, Dewberry, and Jacobs	GA DNR-EPD MAS FY09.09. Project Order No. 100015064	May 1, 2011	Douglasville, City of; Douglas County, Unincorporated Areas
Mill Creek Tributary 1	March 4, 2013	Atkins, Dewberry, and Jacobs	GA DNR-EPD MAS FY09.09. Project Order No. 100015064	May 1, 2011	Douglasville, City of
Miller Creek	March 4, 2013	Atkins, Dewberry, and Jacobs	GA DNR-EPD MAS FY09.09. Project Order No. 100015064	May 1, 2011	Douglas County, Unincorporated Areas
Miller Creek Tributary A	March 4, 2013	Atkins, Dewberry, and Jacobs	GA DNR-EPD MAS FY09.09. Project Order No. 100015064	May 1, 2011	Douglas County, Unincorporated Areas
Mobley Creek	TBD	Jacobs	HSFE60-15-D-0003 HSFE60-15-J-0002	December 1, 2012	Douglasville, City of; Douglas County, Unincorporated Areas
Mobley Creek Tributary 6	TBD	Jacobs	HSFE60-15-D-0003 HSFE60-15-J-0002	December 1, 2012	Douglas County, Unincorporated Areas
Mobley Creek Tributary 7	TBD	Jacobs	HSFE60-15-D-0003 HSFE60-15-J-0002	December 1, 2012	Douglas County, Unincorporated Areas
Mud Creek	March 4, 2013	Atkins, Dewberry, and Jacobs	GA DNR-EPD MAS FY09.09. Project Order No. 100015064	May 1, 2011	Douglas County, Unincorporated Areas
Nalley Creek	TBD	Jacobs	HSFE60-15-D-0003 HSFE60-15-J-0002	December 1, 2012	Douglas County, Unincorporated Areas
Nancy Long Creek	TBD	Jacobs	HSFE60-15-D-0003 HSFE60-15-J-0002	December 1, 2012	Douglas County, Unincorporated Areas

**Table 29: Summary of Contracted Studies Included in this FIS Report continued**

Flooding Source	FIS Report Dated	Contractor	Number	Work Completed Date	Affected Communities
Palmer Branch	March 4, 2013	Atkins, Dewberry, and Jacobs	GA DNR-EPD MAS FY09.09. Project Order No. 100015064	May 1, 2011	Douglasville, City of; Douglas County, Unincorporated Areas
Palmer Branch Tributary A	March 4, 2013	Atkins, Dewberry, and Jacobs	GA DNR-EPD MAS FY09.09. Project Order No. 100015064	May 1, 2011	Douglasville, City of
Palmer Branch Tributary B	March 4, 2013	Atkins, Dewberry, and Jacobs	GA DNR-EPD MAS FY09.09. Project Order No. 100015064	May 1, 2011	Douglasville, City of
Palmer Branch Tributary C	March 4, 2013	Atkins, Dewberry, and Jacobs	GA DNR-EPD MAS FY09.09. Project Order No. 100015064	May 1, 2011	Douglasville, City of; Douglas County, Unincorporated Areas
Panther Creek	March 4, 2013	Atkins, Dewberry, and Jacobs	GA DNR-EPD MAS FY09.09. Project Order No. 100015064	May 1, 2011	Douglas County, Unincorporated Areas
Panther Creek Tributary A	March 4, 2013	Atkins, Dewberry, and Jacobs	GA DNR-EPD MAS FY09.09. Project Order No. 100015064	May 1, 2011	Douglas County, Unincorporated Areas
Park Creek	March 4, 2013	Atkins, Dewberry, and Jacobs	GA DNR-EPD MAS FY09.09. Project Order No. 100015064	May 1, 2011	Douglas County, Unincorporated Areas
Pine Creek	March 4, 2013	Atkins, Dewberry, and Jacobs	GA DNR-EPD MAS FY09.09. Project Order No. 100015064	May 1, 2011	Douglas County, Unincorporated Areas
Pinewood Branch	March 4, 2013	Atkins, Dewberry, and Jacobs	GA DNR-EPD MAS FY09.09. Project Order No. 100015064	May 1, 2011	Douglas County, Unincorporated Areas
Pinewood Branch Tributary A	March 4, 2013	Atkins, Dewberry, and Jacobs	GA DNR-EPD MAS FY09.09. Project Order No. 100015064	May 1, 2011	Douglas County, Unincorporated Areas

**Table 29: Summary of Contracted Studies Included in this FIS Report continued**

Flooding Source	FIS Report Dated	Contractor	Number	Work Completed Date	Affected Communities
Pool Creek	TBD	Jacobs	HSFE60-15-D-0003 HSFE60-15-J-0002	December 1, 2012	Douglas County, Unincorporated Areas
Shell Creek	March 4, 2013	Atkins, Dewberry, and Jacobs	GA DNR-EPD MAS FY09.09. Project Order No. 100015064	May 1, 2011	Douglas County, Unincorporated Areas
Shoals Branch	March 4, 2013	Atkins, Dewberry, and Jacobs	GA DNR-EPD MAS FY09.09. Project Order No. 100015064	May 1, 2011	Douglasville, City of; Douglas County, Unincorporated Areas
Shoals Branch Tributary A	March 4, 2013	Atkins, Dewberry, and Jacobs	GA DNR-EPD MAS FY09.09. Project Order No. 100015064	May 1, 2011	Douglasville, City of; Douglas County, Unincorporated Areas
Shoals Branch Tributary B	March 4, 2013	Atkins, Dewberry, and Jacobs	GA DNR-EPD MAS FY09.09. Project Order No. 100015064	May 1, 2011	Douglas County, Unincorporated Areas
Simon Creek	March 4, 2013	Atkins, Dewberry, and Jacobs	GA DNR-EPD MAS FY09.09. Project Order No. 100015064	May 1, 2011	Douglas County, Unincorporated Areas
Slater Mill Creek	March 4, 2013	Atkins, Dewberry, and Jacobs	GA DNR-EPD MAS FY09.09. Project Order No. 100015064	May 1, 2011	Douglasville, City of; Douglas County, Unincorporated Areas
Slater Mill Creek Tributary A	March 4, 2013	Atkins, Dewberry, and Jacobs	GA DNR-EPD MAS FY09.09. Project Order No. 100015064	May 1, 2011	Douglasville, City of
Slater Mill Creek Tributary B	March 4, 2013	Atkins, Dewberry, and Jacobs	GA DNR-EPD MAS FY09.09. Project Order No. 100015064	May 1, 2011	Douglasville, City of; Douglas County, Unincorporated Areas
Spivey Branch	March 4, 2013	Atkins, Dewberry, and Jacobs	GA DNR-EPD MAS FY09.09. Project Order No. 100015064	May 1, 2011	Douglas County, Unincorporated Areas

**Table 29: Summary of Contracted Studies Included in this FIS Report continued**

Flooding Source	FIS Report Dated	Contractor	Number	Work Completed Date	Affected Communities
Spivey Branch Tributary A	March 4, 2013	Atkins, Dewberry, and Jacobs	GA DNR-EPD MAS FY09.09. Project Order No. 100015064	May 1, 2011	Douglas County, Unincorporated Areas
Spivey Branch Tributary B	March 4, 2013	Atkins, Dewberry, and Jacobs	GA DNR-EPD MAS FY09.09. Project Order No. 100015064	May 1, 2011	Douglas County, Unincorporated Areas
Sweetwater Creek	March 4, 2013	Atkins, Dewberry, and Jacobs	GA DNR-EPD MAS FY09.09. Project Order No. 100015064	May 1, 2011	Austell, City of; Douglasville, City of; Douglas County, Unincorporated Areas
Sweetwater Creek Tributary A	March 4, 2013	Atkins, Dewberry, and Jacobs	GA DNR-EPD MAS FY09.09. Project Order No. 100015064	May 1, 2011	Douglasville, City of
Sweetwater Creek Tributary B	March 4, 2013	Atkins, Dewberry, and Jacobs	GA DNR-EPD MAS FY09.09. Project Order No. 100015064	May 1, 2011	Douglasville, City of
Sweetwater Creek Tributary C	March 4, 2013	Atkins, Dewberry, and Jacobs	GA DNR-EPD MAS FY09.09. Project Order No. 100015064	May 1, 2011	Douglasville, City of; Douglas County, Unincorporated Areas
Sweetwater Creek Tributary D	March 4, 2013	Atkins, Dewberry, and Jacobs	GA DNR-EPD MAS FY09.09. Project Order No. 100015064	May 1, 2011	Douglasville, City of
Sweetwater Creek Tributary E	March 4, 2013	Atkins, Dewberry, and Jacobs	GA DNR-EPD MAS FY09.09. Project Order No. 100015064	May 1, 2011	Douglas County, Unincorporated Areas
Sweetwater Creek Tributary F	March 4, 2013	Atkins, Dewberry, and Jacobs	GA DNR-EPD MAS FY09.09. Project Order No. 100015064	May 1, 2011	Douglasville, City of; Douglas County, Unincorporated Areas
Sweetwater Creek Tributary G	March 4, 2013	Atkins, Dewberry, and Jacobs	GA DNR-EPD MAS FY09.09. Project Order No. 100015064	May 1, 2011	Douglasville, City of; Douglas County, Unincorporated Areas

**Table 29: Summary of Contracted Studies Included in this FIS Report continued**

Flooding Source	FIS Report Dated	Contractor	Number	Work Completed Date	Affected Communities
Sweetwater Creek Tributary H	March 4, 2013	Atkins, Dewberry, and Jacobs	GA DNR-EPD MAS FY09.09. Project Order No. 100015064	May 1, 2011	Douglasville, City of; Douglas County, Unincorporated Areas
Sweetwater Creek Tributary I	March 4, 2013	Atkins, Dewberry, and Jacobs	GA DNR-EPD MAS FY09.09. Project Order No. 100015064	May 1, 2011	Douglasville, City of; Douglas County, Unincorporated Areas
Sweetwater Creek Tributary J	March 4, 2013	Atkins, Dewberry, and Jacobs	GA DNR-EPD MAS FY09.09. Project Order No. 100015064	May 1, 2011	Austell, City of; Douglas County, Unincorporated Areas
Sweetwater Creek Tributary K	March 4, 2013	Atkins, Dewberry, and Jacobs	GA DNR-EPD MAS FY09.09. Project Order No. 100015064	May 1, 2011	Austell, City of; Douglas County, Unincorporated Areas
Sweetwater Creek Tributary L	March 4, 2013	Atkins, Dewberry, and Jacobs	GA DNR-EPD MAS FY09.09. Project Order No. 100015064	May 1, 2011	Douglas County, Unincorporated Areas
Sweetwater Creek Tributary L.2	March 4, 2013	Atkins, Dewberry, and Jacobs	GA DNR-EPD MAS FY09.09. Project Order No. 100015064	May 1, 2011	Douglas County, Unincorporated Areas
Sweetwater Creek Tributary L.3	March 4, 2013	Atkins, Dewberry, and Jacobs	GA DNR-EPD MAS FY09.09. Project Order No. 100015064	May 1, 2011	Douglas County, Unincorporated Areas
Sweetwater Creek Tributary L.3.1	March 4, 2013	Atkins, Dewberry, and Jacobs	GA DNR-EPD MAS FY09.09. Project Order No. 100015064	May 1, 2011	Douglas County, Unincorporated Areas
Tanyard Branch	March 4, 2013	Atkins, Dewberry, and Jacobs	GA DNR-EPD MAS FY09.09. Project Order No. 100015064	May 1, 2011	Douglas County, Unincorporated Areas
Tanyard Branch Tributary A	March 4, 2013	Atkins, Dewberry, and Jacobs	GA DNR-EPD MAS FY09.09. Project Order No. 100015064	May 1, 2011	Douglas County, Unincorporated Areas

**Table 29: Summary of Contracted Studies Included in this FIS Report continued**

Flooding Source	FIS Report Dated	Contractor	Number	Work Completed Date	Affected Communities
Tiger Creek	March 4, 2013	Atkins, Dewberry, and Jacobs	GA DNR-EPD MAS FY09.09. Project Order No. 100015064	May 1, 2011	Douglas County, Unincorporated Areas
Tiger Creek Tributary A	March 4, 2013	Atkins, Dewberry, and Jacobs	GA DNR-EPD MAS FY09.09. Project Order No. 100015064	May 1, 2011	Douglas County, Unincorporated Areas
Town Branch	March 4, 2013	Atkins, Dewberry, and Jacobs	GA DNR-EPD MAS FY09.09. Project Order No. 100015064	May 1, 2011	Douglas County, Unincorporated Areas
Tributary 1 to Northern Lake	March 4, 2013	Atkins, Dewberry, and Jacobs	GA DNR-EPD MAS FY09.09. Project Order No. 100015064	May 1, 2011	Douglas County, Unincorporated Areas
Tributary 2 to Northern Lake	March 4, 2013	Atkins, Dewberry, and Jacobs	GA DNR-EPD MAS FY09.09. Project Order No. 100015064	May 1, 2011	Douglas County, Unincorporated Areas
Tributary A to Ayer Creek	TBD	Jacobs	HSFE60-15-D-0003 HSFE60-15-J-0002	December 1, 2012	Douglas County, Unincorporated Areas
Tributary A to Baggett Creek	TBD	Jacobs	HSFE60-15-D-0003 HSFE60-15-J-0002	December 1, 2012	Douglas County, Unincorporated Areas
Tributary A to Berea Creek	TBD	Jacobs	HSFE60-15-D-0003 HSFE60-15-J-0002	December 1, 2012	Douglas County, Unincorporated Areas
Tributary A to Billy Creek	TBD	Jacobs	HSFE60-15-D-0003 HSFE60-15-J-0002	December 1, 2012	Douglas County, Unincorporated Areas
Tributary A to Bright Star Creek	TBD	Jacobs	HSFE60-15-D-0003 HSFE60-15-J-0002	December 1, 2012	Douglas County, Unincorporated Areas
Tributary A to Crawfish Creek	TBD	Jacobs	HSFE60-15-D-0003 HSFE60-15-J-0002	December 1, 2012	Douglas County, Unincorporated Areas
Tributary A to Dog River	TBD	Jacobs	HSFE60-15-D-0003 HSFE60-15-J-0002	December 1, 2012	Douglas County, Unincorporated Areas
Tributary A to Downs Creek	TBD	Jacobs	HSFE60-15-D-0003 HSFE60-15-J-0002	December 1, 2012	Douglas County, Unincorporated Areas

**Table 29: Summary of Contracted Studies Included in this FIS Report continued**

Flooding Source	FIS Report Dated	Contractor	Number	Work Completed Date	Affected Communities
Tributary A to Ephesus Creek	TBD	Jacobs	HSFE60-15-D-0003 HSFE60-15-J-0002	December 1, 2012	Douglas County, Unincorporated Areas
Tributary A to Flyblow Creek	TBD	Jacobs	HSFE60-15-D-0003 HSFE60-15-J-0002	December 1, 2012	Douglas County, Unincorporated Areas
Tributary A to Helton Creek	TBD	Jacobs	HSFE60-15-D-0003 HSFE60-15-J-0002	December 1, 2012	Douglas County, Unincorporated Areas
Tributary A to Keaton Creek Tributary 1	TBD	Jacobs	HSFE60-15-D-0003 HSFE60-15-J-0002	December 1, 2012	Douglas County, Unincorporated Areas
Tributary A to Lamplighter Creek	TBD	Jacobs	HSFE60-15-D-0003 HSFE60-15-J-0002	December 1, 2012	Douglas County, Unincorporated Areas
Tributary A to Mason Creek	TBD	Jacobs	HSFE60-15-D-0003 HSFE60-15-J-0002	December 1, 2012	Douglas County, Unincorporated Areas
Tributary A to McCoy Creek	TBD	Jacobs	HSFE60-15-D-0003 HSFE60-15-J-0002	December 1, 2012	Douglas County, Unincorporated Areas
Tributary A to Mobley Creek	TBD	Jacobs	HSFE60-15-D-0003 HSFE60-15-J-0002	December 1, 2012	Douglas County, Unincorporated Areas
Tributary A to Mobley Creek Tributary 6	TBD	Jacobs	HSFE60-15-D-0003 HSFE60-15-J-0002	December 1, 2012	Douglas County, Unincorporated Areas
Tributary A to Mobley Creek Tributary 7	TBD	Jacobs	HSFE60-15-D-0003 HSFE60-15-J-0002	December 1, 2012	Douglas County, Unincorporated Areas
Tributary A to Nalley Creek	TBD	Jacobs	HSFE60-15-D-0003 HSFE60-15-J-0002	December 1, 2012	Douglas County, Unincorporated Areas
Tributary A to Nancy Long Creek	TBD	Jacobs	HSFE60-15-D-0003 HSFE60-15-J-0002	December 1, 2012	Douglas County, Unincorporated Areas
Tributary A to Pool Creek	TBD	Jacobs	HSFE60-15-D-0003 HSFE60-15-J-0002	December 1, 2012	Douglas County, Unincorporated Areas
Tributary A to Tyson Creek	TBD	Jacobs	HSFE60-15-D-0003 HSFE60-15-J-0002	December 1, 2012	Douglas County, Unincorporated Areas
Tributary B to Billy Creek	TBD	Jacobs	HSFE60-15-D-0003 HSFE60-15-J-0002	December 1, 2012	Douglas County, Unincorporated Areas
Tributary B to Crawfish Creek	TBD	Jacobs	HSFE60-15-D-0003 HSFE60-15-J-0002	December 1, 2012	Douglas County, Unincorporated Areas

**Table 29: Summary of Contracted Studies Included in this FIS Report continued**

Flooding Source	FIS Report Dated	Contractor	Number	Work Completed Date	Affected Communities
Tributary B to Dog River	TBD	Jacobs	HSFE60-15-D-0003 HSFE60-15-J-0002	December 1, 2012	Douglas County, Unincorporated Areas
Tributary B to Duncan Creek	TBD	Jacobs	HSFE60-15-D-0003 HSFE60-15-J-0002	December 1, 2012	Douglas County, Unincorporated Areas
Tributary B to Ephesus Creek	TBD	Jacobs	HSFE60-15-D-0003 HSFE60-15-J-0002	December 1, 2012	Douglas County, Unincorporated Areas
Tributary B to Flyblow Creek	TBD	Jacobs	HSFE60-15-D-0003 HSFE60-15-J-0002	December 1, 2012	Douglas County, Unincorporated Areas
Tributary B to Helton Creek	TBD	Jacobs	HSFE60-15-D-0003 HSFE60-15-J-0002	December 1, 2012	Douglas County, Unincorporated Areas
Tributary B to Keaton Creek	TBD	Jacobs	HSFE60-15-D-0003 HSFE60-15-J-0002	December 1, 2012	Douglas County, Unincorporated Areas
Tributary B to Keaton Creek Tributary 1	TBD	Jacobs	HSFE60-15-D-0003 HSFE60-15-J-0002	December 1, 2012	Douglas County, Unincorporated Areas
Tributary B to Lamplighter Creek	TBD	Jacobs	HSFE60-15-D-0003 HSFE60-15-J-0002	December 1, 2012	Douglas County, Unincorporated Areas
Tributary B to McCoy Creek	TBD	Jacobs	HSFE60-15-D-0003 HSFE60-15-J-0002	December 1, 2012	Douglas County, Unincorporated Areas
Tributary B to Mobley Creek	TBD	Jacobs	HSFE60-15-D-0003 HSFE60-15-J-0002	December 1, 2012	Douglas County, Unincorporated Areas
Tributary B to Mobley Creek Tributary 6	TBD	Jacobs	HSFE60-15-D-0003 HSFE60-15-J-0002	December 1, 2012	Douglas County, Unincorporated Areas
Tributary B to Mobley Creek Tributary 7	TBD	Jacobs	HSFE60-15-D-0003 HSFE60-15-J-0002	December 1, 2012	Douglas County, Unincorporated Areas
Tributary B to Pool Creek	TBD	Jacobs	HSFE60-15-D-0003 HSFE60-15-J-0002	December 1, 2012	Douglas County, Unincorporated Areas
Tributary C to Billy Creek	TBD	Jacobs	HSFE60-15-D-0003 HSFE60-15-J-0002	December 1, 2012	Douglas County, Unincorporated Areas
Tributary C to Dog River	TBD	Jacobs	HSFE60-15-D-0003 HSFE60-15-J-0002	December 1, 2012	Douglas County, Unincorporated Areas
Tributary C to Flyblow Creek	TBD	Jacobs	HSFE60-15-D-0003 HSFE60-15-J-0002	December 1, 2012	Douglas County, Unincorporated Areas

**Table 29: Summary of Contracted Studies Included in this FIS Report continued**

Flooding Source	FIS Report Dated	Contractor	Number	Work Completed Date	Affected Communities
Tributary C to Helton Creek	TBD	Jacobs	HSFE60-15-D-0003 HSFE60-15-J-0002	December 1, 2012	Douglas County, Unincorporated Areas
Tributary C to Keaton Creek	TBD	Jacobs	HSFE60-15-D-0003 HSFE60-15-J-0002	December 1, 2012	Douglas County, Unincorporated Areas
Tributary C to Lamplighter Creek	TBD	Jacobs	HSFE60-15-D-0003 HSFE60-15-J-0002	December 1, 2012	Douglas County, Unincorporated Areas
Tributary C to Mobley Creek	TBD	Jacobs	HSFE60-15-D-0003 HSFE60-15-J-0002	December 1, 2012	Douglas County, Unincorporated Areas
Tributary C to Mobley Creek Tributary 7	TBD	Jacobs	HSFE60-15-D-0003 HSFE60-15-J-0002	December 1, 2012	Douglas County, Unincorporated Areas
Tributary D to Billy Creek	TBD	Jacobs	HSFE60-15-D-0003 HSFE60-15-J-0002	December 1, 2012	Douglas County, Unincorporated Areas
Tributary D to Dog River	TBD	Jacobs	HSFE60-15-D-0003 HSFE60-15-J-0002	December 1, 2012	Douglas County, Unincorporated Areas
Tributary D to Flyblow Creek	TBD	Jacobs	HSFE60-15-D-0003 HSFE60-15-J-0002	December 1, 2012	Douglas County, Unincorporated Areas
Tributary D to Keaton Creek	TBD	Jacobs	HSFE60-15-D-0003 HSFE60-15-J-0002	December 1, 2012	Douglas County, Unincorporated Areas
Tributary D to Mobley Creek	TBD	Jacobs	HSFE60-15-D-0003 HSFE60-15-J-0002	December 1, 2012	Douglas County, Unincorporated Areas
Tributary E to Dog River	TBD	Jacobs	HSFE60-15-D-0003 HSFE60-15-J-0002	December 1, 2012	Douglas County, Unincorporated Areas
Tributary E to Flyblow Creek	TBD	Jacobs	HSFE60-15-D-0003 HSFE60-15-J-0002	December 1, 2012	Douglas County, Unincorporated Areas
Tributary E to Keaton Creek	TBD	Jacobs	HSFE60-15-D-0003 HSFE60-15-J-0002	December 1, 2012	Douglas County, Unincorporated Areas
Tributary E to Mobley Creek	TBD	Jacobs	HSFE60-15-D-0003 HSFE60-15-J-0002	December 1, 2012	Douglas County, Unincorporated Areas
Tributary F to Dog River	TBD	Jacobs	HSFE60-15-D-0003 HSFE60-15-J-0002	December 1, 2012	Douglas County, Unincorporated Areas
Tributary F to Flyblow Creek	TBD	Jacobs	HSFE60-15-D-0003 HSFE60-15-J-0002	December 1, 2012	Douglas County, Unincorporated Areas

**Table 29: Summary of Contracted Studies Included in this FIS Report continued**

Flooding Source	FIS Report Dated	Contractor	Number	Work Completed Date	Affected Communities
Tributary F to Keaton Creek	TBD	Jacobs	HSFE60-15-D-0003 HSFE60-15-J-0002	December 1, 2012	Douglas County, Unincorporated Areas
Tributary F to Mobley Creek	TBD	Jacobs	HSFE60-15-D-0003 HSFE60-15-J-0002	December 1, 2012	Douglas County, Unincorporated Areas
Tributary G to Dog River	TBD	Jacobs	HSFE60-15-D-0003 HSFE60-15-J-0002	December 1, 2012	Douglas County, Unincorporated Areas
Tributary G to Keaton Creek	TBD	Jacobs	HSFE60-15-D-0003 HSFE60-15-J-0002	December 1, 2012	Douglas County, Unincorporated Areas
Tributary H to Dog River	TBD	Jacobs	HSFE60-15-D-0003 HSFE60-15-J-0002	December 1, 2012	Douglas County, Unincorporated Areas
Tributary H to Keaton Creek	TBD	Jacobs	HSFE60-15-D-0003 HSFE60-15-J-0002	December 1, 2012	Douglas County, Unincorporated Areas
Tributary I to Dog River	TBD	Jacobs	HSFE60-15-D-0003 HSFE60-15-J-0002	December 1, 2012	Douglas County, Unincorporated Areas
Tributary J to Dog River	TBD	Jacobs	HSFE60-15-D-0003 HSFE60-15-J-0002	December 1, 2012	Douglas County, Unincorporated Areas
Tributary K to Dog River	TBD	Jacobs	HSFE60-15-D-0003 HSFE60-15-J-0002	December 1, 2012	Douglas County, Unincorporated Areas
Tributary M to Dog River	TBD	Jacobs	HSFE60-15-D-0003 HSFE60-15-J-0002	December 1, 2012	Douglas County, Unincorporated Areas
Tributary N to Dog River	TBD	Jacobs	HSFE60-15-D-0003 HSFE60-15-J-0002	December 1, 2012	Douglas County, Unincorporated Areas
Tributary O to Dog River	TBD	Jacobs	HSFE60-15-D-0003 HSFE60-15-J-0002	December 1, 2012	Douglas County, Unincorporated Areas
Tributary P to Dog River	TBD	Jacobs	HSFE60-15-D-0003 HSFE60-15-J-0002	December 1, 2012	Douglas County, Unincorporated Areas
Tributary Q to Dog River	TBD	Jacobs	HSFE60-15-D-0003 HSFE60-15-J-0002	December 1, 2012	Douglas County, Unincorporated Areas
Tyree Branch	March 4, 2013	Atkins, Dewberry, and Jacobs	GA DNR-EPD MAS FY09.09. Project Order No. 100015064	May 1, 2011	Douglas County, Unincorporated Areas

**Table 29: Summary of Contracted Studies Included in this FIS Report continued**

Flooding Source	FIS Report Dated	Contractor	Number	Work Completed Date	Affected Communities
Tyson Creek	TBD	Jacobs	HSFE60-15-D-0003 HSFE60-15-J-0002	December 1, 2012	Douglas County, Unincorporated Areas
Unnamed Tributary to Southern Lake	March 4, 2013	Atkins, Dewberry, and Jacobs	GA DNR-EPD MAS FY09.09. Project Order No. 100015064	May 1, 2011	Douglas County, Unincorporated Areas
Waterfall Branch	March 4, 2013	Atkins, Dewberry, and Jacobs	GA DNR-EPD MAS FY09.09. Project Order No. 100015064	May 1, 2011	Douglas County, Unincorporated Areas
Yellow Rock Creek	TBD	Jacobs	HSFE60-15-D-0003 HSFE60-15-J-0002	December 1, 2012	Douglas County, Unincorporated Areas
Zion Branch	March 4, 2013	Atkins, Dewberry, and Jacobs	GA DNR-EPD MAS FY09.09. Project Order No. 100015064	May 1, 2011	Douglas 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 30. 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 30: Community Meetings**

Community	FIS Report Dated	Date of Meeting	Meeting Type	Attended By
Austell, City of	TBD	TBD	CCO Meeting	FEMA, the community, and the study contractor
Austell, City of	03/04/2013	04/12/2010	Scoping	FEMA, Georgia DNR, the community, and the study contractor
		11/30/2011	CCO Meeting	FEMA, Georgia DNR, the community, and the study contractor
Austell, City of	08/18/2009	10/18/2004	Scoping	FEMA, Georgia DNR, the community, and the study contractor
		12/29/2007	CCO Meeting	FEMA, Georgia DNR, the community, and the study contractor
Douglas County, Unincorporated Areas	03/04/2013	04/12/2010	Scoping	FEMA, Georgia DNR, the community, and the study contractor
		11/30/2011	CCO Meeting	FEMA, Georgia DNR, the community, and the study contractor
Douglas County, Unincorporated Areas	08/18/2009	10/18/2004	Scoping	FEMA, Georgia DNR, the community, and the study contractor
		12/29/2007	CCO Meeting	FEMA, Georgia DNR, the community, and the study contractor
Douglas County, Unincorporated Areas	07/02/1979	06/23/1974	Scoping	FEMA, the community, and the study contractor
		04/04/1976	CCO Meeting	FEMA, the community, and the study contractor
Douglasville, City of	TBD	TBD	CCO Meeting	FEMA, the community, and the study contractor

**Table 30: Community Meetings continued**

Community	FIS Report Dated	Date of Meeting	Meeting Type	Attended By
Douglasville, City of	03/04/2013	04/12/2010	Scoping	FEMA, Georgia DNR, the community, and the study contractor
		11/30/2011	CCO Meeting	FEMA, Georgia DNR, the community, and the study contractor
Douglasville, City of	08/18/2009	10/18/2004	Scoping	FEMA, Georgia DNR, the community, and the study contractor
		12/29/2007	CCO Meeting	FEMA, Georgia DNR, the community, and the study contractor

## 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](http://www.fema.gov).

Table 31 is a list of the locations where FIRMs for Douglas 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 31: Map Repositories**

Community	Address	City	State	Zip Code
Austell, City of	City of Austell Threadmill Complex 5000 Austell-Powder Springs Road	Austell	GA	30106
Douglas County, Unincorporated Areas	Douglas County Courthouse 8700 Hospital Drive	Douglasville	GA	30134
Douglasville, City of	City Hall 6695 Church Street	Douglasville	GA	30134

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 32.

Table 32 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 32: Additional Information**

FEMA and the NFIP	
FEMA and FEMA Engineering Library website	<a href="http://www.fema.gov/national-flood-insurance-program-flood-hazard-mapping/engineering-library">www.fema.gov/national-flood-insurance-program-flood-hazard-mapping/engineering-library</a>
NFIP website	<a href="http://www.fema.gov/national-flood-insurance-program">www.fema.gov/national-flood-insurance-program</a>
NFHL Dataset	<a href="http://msc.fema.gov">msc.fema.gov</a>
FEMA Region IV	Federal Emergency Management Agency 3003 Chamblee Tucker Road Atlanta, GA 30341 (770) 220-5200
Other Federal Agencies	
USGS website	<a href="http://www.usgs.gov">www.usgs.gov</a>
Hydraulic Engineering Center website	<a href="http://www.hec.usace.army.mil">www.hec.usace.army.mil</a>
State Agencies and Organizations	
State NFIP Coordinator	Tom Shillock, CFM Department of Natural Resources Environmental Protection Division Watershed Protection Branch Floodplain Management Unit 2 Martin Luther King Jr. Drive Suite 1152 Atlanta, GA 30334 Phone: 404-675-1607 Tom.Shillock@dnr.state.ga.us
State GIS Coordinator	Lisa Westin Senior GIS Specialist 60 Executive Park South, NE Atlanta, GA 30329 Phone: 404-679-3125 LWestin@dca.state.ga.us

**SECTION 9.0 – BIBLIOGRAPHY AND REFERENCES**

Table 33 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 33: Bibliography and References**

Citation in this FIS	Publisher/ Issuer	Publication Title, "Article," Volume, Number, etc.	Author/Editor	Place of Publication	Publication Date/ Date of Issuance	Link
ARC 2001	Atlanta Regional Commission	<i>Georgia Stormwater Management Manual, Appendix A</i>			August 2001	
Atkins 2011	Atkins	<i>Flood Hazard Information, Stream Study Information, Cross Section Information, Stream Information, Stream Study Information, Stream and Flood Hazard Information</i>	Atkins	Atlanta, GA	July 2011	
Berry 1977	Jack W. Berry & Associates, Inc.	<i>Topographic Map, Scale 1:24,000, Contour Interval 5 foot</i>			1977	
Census 2006	U.S. Census Bureau	<i>Douglas County Boundary</i>		Washington, D.C.	December 2006	
Census 2011	U.S. Census Bureau	<i>American Factfinder, Douglas County, Georgia, 2009</i>		Washington, D.C.	February 2011	<a href="http://www.factfinder.census.gov/">http://www.factfinder.census.gov/</a>
Clearinghouse 1996	Georgia GIS Data Clearinghouse	<i>Douglas County Airports</i>	U.S. Department of the Interior, Geological Survey	Atlanta, GA	January 1996	
Clearinghouse 1997	Georgia GIS Data Clearinghouse	<i>Douglas County Water Bodies</i>	Georgia Department of Transportation	Atlanta, GA	January 1997	
Clearinghouse 2009	Georgia GIS Data Clearinghouse	<i>GA DNR Land</i>	Georgia Department of Natural Resources	Atlanta, GA	August 2009	

**Table 33: Bibliography and References continued**

Citation in this FIS	Publisher/ Issuer	Publication Title, "Article," Volume, Number, etc.	Author/Editor	Place of Publication	Publication Date/ Date of Issuance	Link
Clearinghouse 2010	Georgia GIS Data Clearinghouse	<i>Douglas County Railroads</i>	Georgia Department of Transportation	Atlanta, GA	August 2010	
County Development Services 2016	Dougals County Development Services	<i>Douglas County Flood Information Handout</i>	Planning & Zoning Department	Douglasville, GA	2016	
Dougals GIS 2007	Dougals County GIS Department	<i>Douglas County Imagery</i>	Dougals County GIS Department	Douglasville, GA	March 2007	
Dougals GIS 2010	Dougals County GIS Department	<i>Douglas County Cities &amp; Dougals County Roads</i>	Dougals County GIS Department	Douglasville, GA	May 2010	
Douglas GIS 2016	Dougals County GIS Department	<i>Street Centerlines, Hydro Lines, City Limits</i>	Dougals County GIS Department	Douglasville, GA	January 2016	
Douglas Water 2005	Douglas County Water and Sewer Department	<i>Effective Douglas County Imagery</i>	Douglas County Water and Sewer Department	Douglasville, GA	March 2005	
FEMA 1984	Federal Emergency Management Agency	<i>Flood Insurance Study, Douglas County, Georgia, and Unincorporated Areas</i>		Washington, D.C.	March 1984	FEMA Flood Map Service Center <a href="http://msc.fema.gov">msc.fema.gov</a>
FEMA 2006	Federal Emergency Management Agency	<i>Flood Insurance Study, Paulding County, Georgia, and Unincorporated Areas</i>		Washington, D.C.	September 2006	FEMA Flood Map Service Center <a href="http://msc.fema.gov">msc.fema.gov</a>

**Table 33: Bibliography and References continued**

Citation in this FIS	Publisher/ Issuer	Publication Title, "Article," Volume, Number, etc.	Author/Editor	Place of Publication	Publication Date/ Date of Issuance	Link
FEMA 2009a	Federal Emergency Management Agency	<i>Flood Insurance Study, Douglas County, Georgia, and Unincorporated Areas</i>		Washington, D.C.	August 2009a	FEMA Flood Map Service Center <a href="http://msc.fema.gov">msc.fema.gov</a>
FEMA 2009b	Federal Emergency Management Agency	<i>NFHL Structure Data</i>		Washington, D.C.	August 2009b	
FEMA 2009c	Federal Emergency Management Agency	<i>NFHL Stream Data</i>		Washington, D.C.	August 2009c	
FEMA 2010	Federal Emergency Management Agency	<i>Revised Flood Study LOMR</i>		Washington, D.C.	June 2010	FEMA Flood Map Service Center <a href="http://msc.fema.gov">msc.fema.gov</a>
FEMA 2013	Federal Emergency Management Agency	<i>Flood Insurance Study, Douglas County, Georgia, and Unincorporated Areas</i>		Washington, D.C.	March 2013	FEMA Flood Map Service Center <a href="http://msc.fema.gov">msc.fema.gov</a>
Inman 1995	.U.S. Geological Survey	<i>Flood-Frequency Relations for Urban Streams in Georgia-1994 Update; U.S. Geological Survey; Scientific-Resource Investigations report 95-40179</i>	Inman, E.J	Washington, D.C.	1995	
Jacobs 2015	Jacobs Engineering Groups	<i>Stream Study Data</i>		Atlanta, GA	March 2015	

**Table 33: Bibliography and References continued**

Citation in this FIS	Publisher/ Issuer	Publication Title, "Article," Volume, Number, etc.	Author/Editor	Place of Publication	Publication Date/ Date of Issuance	Link
Jordan, 2007a	Jordan, Jones and Goulding, Inc.	<i>Hydrologic and Hydraulic Analysis for the Anneewakee Creek Basin, Douglas County, Georgia</i>			January 2007a	
Jordan, 2007b	Jordan, Jones and Goulding, Inc.	<i>Hydrologic and Hydraulic Analysis for the Bear Creek Basin, Douglas County, Georgia</i>			January 2007b	
LiDAR 2004	Photo Science Geospatial Solutions	<i>LiDAR Data, Scale 1:800, Contour Interval 2 Feet</i>		Douglas County, Georgia	2004	
NGS 2006	National Geodetic Survey	<i>VERTCON-North American Datum Conversion Utility</i>			November 2006	<a href="http://www.ngs.noaa.gov/">http://www.ngs.noaa.gov/</a>
NOAA 1977	NOAA, National Geodetic Survey	<i>NGS Benchmarks</i>	National Geodetic Survey	Silver Spring, MD	1977	
USDA 1986	U.S. Department of Agriculture	<i>Urban Hydrology for Small Watersheds, Technical Release 55</i>	Soil Conservation Service, Engineering Division	Washington, D.C.	June 1986	
USACE 1973	U.S. Army Corps of Engineers	<i>HEC-2 Water Surface Profiles</i>	Hydrologic Engineering Center	Davis, California	October 1973	
USACE 1976	U.S. Army Corps of Engineers	<i>HEC-2 Water Surface Profiles</i>	Hydrologic Engineering Center	Davis, California	November 1976	
USACE 1981	U.S. Army Corps of Engineers, Mobile District	<i>Flood Hazard Information, Chattahoochee River, Atlanta, Georgia, Rivermile 282 to Mile 331, Restudy</i>			July 1981	

**Table 33: Bibliography and References continued**

Citation in this FIS	Publisher/ Issuer	Publication Title, "Article," Volume, Number, etc.	Author/Editor	Place of Publication	Publication Date/ Date of Issuance	Link
USACE 2006	U.S. Army Corps of Engineers	<i>HEC-GeoRAS, Version 4.1</i>	Hydrologic Engineering Center	Davis, California	January 2006	
USACE 2009	U.S. Army Corps of Engineers	<i>HEC-HMS, Version 3.4</i>	Hydrologic Engineering Center	Davis, California	August 2009	
USACE 1/2010	U.S. Army Corps of Engineers	<i>HEC-RAS River Analysis System, Version 4.1.0</i>	Hydrologic Engineering Center	Davis, California	January 2010	
USACE 2000	U.S. Army Corps of Engineers	<i>HEC-HMS, Version 2.0</i>	Hydrologic Engineering Center	Davis, California	March 2000	
USACE 8/2010	U.S. Army Corps of Engineers	<i>HEC-HMS, Version 3.5</i>	Hydrologic Engineering Center	Davis, California	August 2010	
USGS 1973a	U.S. Department of Interior, Geological Survey	<i>7.5-Minute Series Topographic Maps, Scale 1:24,000, Contour Interval 20 Feet. Nebo, Georgia; Hulett, Georgia; Mableton, Georgia; Ben Hill, Georgia; Austell, Georgia; New Georgia, Georgia; Villa Rica, Georgia; Winston, Georgia; Campbellton, Georgia; Rico, Georgia (1984, revised 1988)</i>		Washington, D.C.	1973a	<a href="http://topomaps.usgs.gov">topomaps.usgs.gov</a>
USGS 1973b	U.S. Department of Interior, Geological Survey	<i>Preliminary Flood Frequency Relationships for Small Streams in Georgia</i>		Washington, D.C.	1973b	

**Table 33: Bibliography and References continued**

Citation in this FIS	Publisher/ Issuer	Publication Title, "Article," Volume, Number, etc.	Author/Editor	Place of Publication	Publication Date/ Date of Issuance	Link
USGS 1977	U.S. Department of Interior, Geological Survey	<i>Preliminary Flood-Frequency Relations for Urban Streams in Metropolitan Atlanta, Georgia, Open-File Report 77-57</i>		Washington, D.C	1977	
USGS 1999a	U.S. Department of Interior, Geological Survey	<i>The National Flood-Frequency Program-Methods for Estimating Flood Magnitude and Frequency in Rural and Urban Areas in Georgia, USGS Fact Sheet 169-98</i>		Washington, D.C	August 1999a	
USGS 1999b	U.S. Department of Interior, Geological Survey	<i>Flood Insurance Rate Map Panel Layout</i>		Washington, D.C	August 1999a	
USGS 2003	U.S. Department of Interior, Geological Survey	<i>Principles, Policies, and Procedures: Domestic Geographic Name, Online Edition, Revised 2003.</i>	Orth, Donald J., et al.	Washington, D.C	2003	<a href="http://geonames.usgs.gov/pppdgn.html">http://geonames.usgs.gov/pppdgn.html</a>
USGS 2007	U.S. Department of Interior, Geological Survey	<i>Peak Streamflow for the Nation, USGS 02337000 Sweetwater Creek near Austell, Georgia.</i>		Washington, D.C	2007	<a href="http://nwis.waterdata.usgs.gov/usa/nwis/peak">http://nwis.waterdata.usgs.gov/usa/nwis/peak</a>
USGS 2009	U.S. Department of Interior, Geological Survey	<i>Magnitude and Frequency of Rural Floods in the Southeastern United States, 2006; Volume 1, Georgia, Scientific Investigation Report 2009-5013</i>		Reston, Virginia	2009	

**Table 33: Bibliography and References continued**

Citation in this FIS	Publisher/ Issuer	<i>Publication Title, "Article," Volume, Number, etc.</i>	Author/Editor	Place of Publication	Publication Date/ Date of Issuance	Link
USGS 2011	U.S. Department of Interior, Geological Survey	<i>Peak Streamflow for the Nation, USGS 02337000 Sweetwater Creek near Austell, Georgia</i>		Washington, D.C	2011	
USGS 2016a	U.S. Department of Interior, Geological Survey	<i>Peak Streamflow for the Nation, USGS 02337000 Sweetwater Creek near Austell, Georgia</i>		Washington, D.C	2016	
USGS 2016b	U.S. Department of Interior, Geological Survey	<i>Peak Streamflow for the Nation, USGS 02337410 Dog River at GA 5, near Fairplay, GA</i>		Washington, D.C	2016	
WRC 1967	Water Resources Council, Hydrology Committee	<i>A Uniform Technique for Determining Flood Flow Frequencies, Bulletin No. 15</i>			December 1967	
WRC 1982	Water Resources Council, Hydrology Committee	<i>Guidelines for Determining Flood Flow Frequencies, Bulletin No. 17B, Revised September 1981</i>			March 1982	