

DEKALB COUNTY, GEORGIA

AND INCORPORATED AREAS

COMMUNITY NUMBER

DeKalb County

COMMONITY WANTE	
ATLANTA, CITY OF	135157
AVONDALE ESTATES, CITY OF	130528
BROOKHAVEN, CITY OF	135175
CHAMBLEE, CITY OF	130066
CLARKSTON, CITY OF	130067
DECATUR, CITY OF	135159
DEKALB COUNTY	
(UNINCORPORATED AREAS)	130065
DORAVILLE, CITY OF	130069
DUNWOODY, CITY OF	130679
LITHONIA, CITY OF	130472
PINE LAKE, CITY OF	130070
STONE MOUNTAIN CITY OF	130260



Revised: December 8, 2016



COMMUNITY NAME

Federal Emergency Management Agency

FLOOD INSURANCE STUDY NUMBER 13089CV007B

NOTICE TO FLOOD INSURANCE STUDY USERS

Communities participating in the National Flood Insurance Program have established repositories of flood hazard data for floodplain management and flood insurance purposes. This Flood Insurance Study (FIS) may not contain all data available within the repository. It is advisable to contact the community repository for any additional data.

Part or all of this FIS may be revised and republished at any time. In addition, part of this FIS may be revised by the Letter of Map Revision process, which does not involve republication or redistribution of the FIS. It is, therefore, the responsibility of the user to consult with community officials and to check the community repository to obtain the most current FIS components.

Initial Countywide FIS Effective Date: May 7, 2001

Revised Countywide FIS Dates: May 16, 2013 – to change Base Flood Elevations and Special

Flood Hazard Areas

December 8, 2016 - to change Base Flood Elevations and

Special Flood Hazard Areas

TABLE OF CONTENTS

VOLUME 1 – December 8, 2016

			<u>Page</u>
1.0	<u>INTR</u>	ODUCTION	1
	1.1	Purpose of Study	1
	1.2	Authority and Acknowledgments	1
	1.3	Coordination	5
2.0	AREA	A STUDIED	6
	2.1	Scope of Study	6
	2.2	Community Description	30
	2.3	Principal Flood Problems	30
	2.4	Flood Protection Measures	31
3.0	ENGI	NEERING METHODS	32
	3.1	Hydrologic Analyses	33
	3.2	Hydraulic Analyses	117
	3.3	Vertical Datum	127
4.0	FLOC	ODPLAIN MANAGEMENT APPLICATIONS	128
	4.1	Floodplain Boundaries	128
	4.2	Floodways	129
5.0	INSU	RANCE APPLICATIONS	131
6.0	FLOC	OD INSURANCE RATE MAP	132
7.0	<u>OTHI</u>	ER STUDIES	134
8.0	LOCA	ATION OF DATA	134
9.0	BIBL	IOGRAPHY AND REFERENCES	134
10.0	<u>REVI</u>	SIONS DESCRIPTIONS	139
	10.1	First Revision (Revised December 8, 2016)	139

<u>VOLUME 1</u> - continued

	<u>Page</u>
<u>FIGURES</u>	
Figure 1 – Frequency Discharge, Drainage Area Curves	39
Figure 2 – Floodway Schematic	130
Figure 3 – FIRM Notes to Users	145
Figure 4 – Map Legend for FIRM	147
<u>TABLES</u>	
Table 1 – Streams Studied by Detailed Methods	6
Table 2 – Stream Name Changes	7
Table 3 – Scope of Revision for May 7, 2001 Countywide FIS	7
Table 3A – Scope of Revision for May 16, 2013 Countywide FIS Revision	10
Table 3B – Re-delineated Streams for May 16, 2013 Countywide FIS Revision	28
Table 4 – Letters of Map Change	29
Table 4A – Letters of Map Revision for the May 16, 2013 Countywide FIS Revision	29
Table 5 – DeKalb County Land Use Categories and Associated Curve Numbers (CN)	34
Table 6 – Summary of Discharges	43
Table 7 – Manning's "n" Values	121
Table 8 – Vertical Datum Conversion	127
Table 9 – Community Map History	133

VOLUME 2 – December 8, 2016

<u>TABLES</u> - continued

Table 10 – Floodway Data

EXHIBITS

1

Exhibit 1 - Flood Profiles

Barbashela Creek Barbashela Creek Tributary A Barbashela Creek Tributary B Barbashela Creek Tributary C Barbashela Creek Tributary D Barbashela Creek Tributary D1 Barbashela Creek Tributary D2 Barbashela Creek Tributary E Barbashela Creek Tributary E Barbashela Creek Tributary F Barbashela Creek Tributary F Barbashela Creek Tributary F Barbashela Creek Tributary G Barbashela Creek Tributary H Barbashela Creek Tributary H1 Barbashela Creek Tributary I	Panels 01P-05P Panels 06P-07P Panel 08P Panel 09P Panels 10P-11P Panel 12P Panel 13P Panel 14P Panel 15P Panel 15P Panels 16P-17P Panel 18P Panel 19P Panel 20P Panel 21P Panel 22P
Barbashela Creek Tributary I	Panel 22P
Barbashela Creek Tributary J	Panel 23P

<u>VOLUME 3</u> – December 8, 2016

Blue Creek	Panels	24P-27P
Blue Creek Tributary 1	Panel	28P
Blue Creek Tributary 2	Panel	29P
Burnt Fork Creek	Panels	30P-32P
Camp Creek	Panels	33P-34P
Camp Creek Tributary A	Panel	35P
Clarks Creek	Panels	36P-37P
Clarks Creek Tributary 1	Panel	38P
Cobbs Creek	Panels	39P-46P
Cobbs Creek Tributary A	Panels	47P-49P
Cobbs Creek Tributary A1	Panel	50P
Cobbs Creek Tributary 1	Panel	51P
Cobbs Creek Tributary 2	Panel	52P
Cobbs Creek Tributary 3	Panels	53P-54P
Cobbs Creek Tributary 4	Panel	55P
Cobbs Creek Tributary 5	Panel	56P
Cobbs Creek Tributary 6	Panel	57P

<u>VOLUME 3</u> - continued

EXHIBITS - continued

- Flood Florines	
Cobbs Creek Tributary 7	Panel 58P
Cobbs Creek Tributary 8	Panel 59P
Conley Creek	Panels 60P-63P
Conley Creek Tributary 1	Panel 64P
Conley Creek Tributary 2	Panels 65P-67P
Conley Creek Tributary 2A	Panel 68P
Conley Creek Tributary 3	Panel 69P
Conley Creek Tributary 3A	Panel 70P
Conley Creek Tributary 4	Panel 71P
Conley Creek Tributary 5	Panel 72P
Conley Creek Tributary 5A	Panel 73P
Conley Creek Tributary 6	Panel 74P
Conley Creek Tributary 7	Panel 75P
Corn Creek	Panels 76P-77P
Corn Creek Tributary 1	Panel 78P
Corn Creek Tributary 2	Panel 79P
Crooked Creek (South River)	Panels 80P-82P
Crooked Creek (South River) Tributary 1	Panel 83P
Crooked Creek (South River) Tributary 2	Panel 84P
Crooked Creek (South River) Tributary 3	Panel 85P
Crooked Creek (South River) Tributary 4	Panel 86P
Crooked Creek (South River) Tributary 5	Panel 87P
Crooked Creek Tributary A	Panels 88P-89P
Crooked Creek Tributary A-1	Panel 90P-91P
Crooked Creek Tributary to Stone Mountain Creek	Panels 92P-97P
Doless Creek	Panels 98P-99P
Doolittle Creek	Panels 100P-104P
Doolittle Creek Branch A	Panel 105P
Doolittle Creek East Branch B	Panels 106P-107P
Doolittle Creek Tributary A	Panels 108P-109P
Doolittle Creek Tributary B	Panel 110P
Fowler Branch	Panels 111P-113P
Fowler Branch Tributary 1	Panel 114P
Fowler Branch Tributary 2	Panel 115P
Fowler Branch Tributary 3	Panel 116P
Fowler Branch Tributary 4	Panel 117P
Hardee Creek	Panels 118P-119P

<u>VOLUME 4</u> – December 8, 2016

EXHIBITS - continued

Exhibit 1 -	Flood Profiles		
	Henderson Mill Creek	Panels	120P-124P
	Honey Creek	Panels	125P-128P
	Honey Creek Tributary A	Panels	129P-130P
	Idle Creek	Panels	131P-133P
	Indian Creek	Panels	134P-136P
	Indian Creek Tributary A	Panels	137P-138P
	Indian Creek Tributary B	Panel	139P
	Indian Creek Tributary C	Panel	140P-141P
	Indian Creek Tributary D	Panels	142P-143P
	Indian Creek Tributary D1	Panel	144P
	Indian Creek Tributary D2	Panel	145P
	Intrenchment Creek	Panels	146P-149P
	Intrenchment Creek Tributary A	Panels	150P-152P
	Intrenchment Creek Tributary 1	Panel	153P
	Intrenchment Creek Tributary 2	Panels	154P-155P
	Intrenchment Creek Tributary 3	Panel	156P
	Intrenchment Creek Tributary 4	Panels	157P-158P
	Johnson Creek	Panel	159P-161P
	Little Stone Mountain Creek	Panels	162P-165P
	Lullwater Creek	Panel	166P
	Nancy Creek	Panels	167P-169P
	Nancy Creek Tributary A	Panels	170P-171P
	Nancy Creek Tributary B	Panel	172P
	Nancy Creek Tributary C	Panels	173P-174P
	Nancy Creek Tributary C-1	Panel	175P
	Nancy Creek Tributary C-2	Panel	176P
	Nancy Creek Tributary D	Panels	177P-178P
	Nancy Creek Tributary No. 1	Panel	179P
	Nancy Creek Tributary No. 1.1	Panel	180P
	Nancy Creek Tributary No. 2	Panels	181P-182P
	North Fork Nancy Creek	Panels	183P-184P
	North Fork Peachtree Creek	Panels	185P-189P
	North Fork Peachtree Creek Tributary A	Panels	190P-193P
	North Fork Peachtree Creek Tributary B	Panels	194P-197P
	North Fork Peachtree Creek Tributary B-1	Panels	198P-199P
	North Fork Peachtree Creek Tributary C	Panel	200P
	North Fork Peachtree Creek Tributary D-1	Panels	201P-205P
	North Fork Peachtree Creek Tributary D-2	Panel	206P
	North Fork Peachtree Creek Tributary D-3		207P-210P
	North Fork Peachtree Creek Tributary No. 1		211P-212P
	North Fork Peachtree Creek Tributary No. 1.1		213P-214P
	North Fork Peachtree Creek Tributary No. 2	Panels	215P-216P

<u>VOLUME 5</u> – December 8, 2016

EXHIBITS - continued

_	1 lood 1 loines		
	Panthers Branch	Panels	217P-220P
	Panthers Branch Tributary 1	Panel	221P
	Panthers Branch Tributary 2	Panel	222P
	Panthers Branch Tributary 3	Panel	223P
	Peachtree Branch	Panels	224P-226P
	Peavine Creek	Panels	227P-229P
	Peavine Creek Lamont Tributary	Panel	230P
	Peavine Creek Tributary	Panel	231P
	Peavine Creek Upland Tributary	Panel	232P
	Perimeter Creek	Panels	233P-235P
	Pine Mountain Creek	Panels	236P-237P
	Plunkett Creek	Panels	238P-239P
	Plunkett Creek Unnamed Tributary	Panel	240P
	Pole Bridge Creek	Panels	241P-249P
	Pole Bridge Creek Tributary A	Panels	250P-251P
	Pole Bridge Creek Tributary AA	Panel	252P
	Pole Bridge Creek Tributary AAA	Panel	253P
	Pole Bridge Creek Tributary B	Panels	254P-256P
	Pole Bridge Creek Tributary BA	Panel	257P
	Pole Bridge Creek Tributary BAA	Panel	258P
	Pole Bridge Creek Tributary BB	Panel	259P
	Pole Bridge Creek Tributary BC	Panel	260P
	Pole Bridge Creek Tributary BD	Panels	261P-262P
	Pole Bridge Creek Tributary C	Panel	263P
	Pole Bridge Creek Tributary D	Panel	264P
	Pole Bridge Creek Tributary E	Panel	265P
	Pole Bridge Creek Tributary F	Panel	266P
	Pole Bridge Creek Tributary FA	Panel	267P
	Pole Bridge Creek Tributary FB	Panel	268P
	Pole Bridge Creek Tributary G	Panel	269P
	Pole Bridge Creek Tributary H	Panel	270P
	Pole Bridge Creek Tributary HA	Panel	271P
	Pole Bridge Creek Tributary J	Panel	272P
	Pole Bridge Creek Tributary K	Panel	
	Pole Bridge Creek Tributary L	Panel	274P
	Pole Bridge Creek Tributary LA	Panel	275P
	Pole Bridge Creek Tributary M	Panel	276P
	Pole Bridge Creek Tributary N	Panel	277P
	Pole Bridge Creek Tributary O	Panel	278P
	Pole Bridge Creek Tributary P	Panel	279P
	Pole Bridge Creek Tributary Q	Panel	280P

<u>VOLUME 5</u> - continued

EXHIBITS - continued

Exhibit 1 - Flood Profiles - continued

Shoal Creek	Panels	281P-287P
Shoal Creek Driftwood Tributary	Panel	288P
Shoal Creek East Fork Middle Branch	Panels	289P-290P
Shoal Creek East Fork Middle Branch Tributary 1	Panel	291P
Shoal Creek Kirk Tributary	Panel	292P
Shoal Creek Tributary A	Panels	293P-294P
Shoal Creek Tributary 1	Panel	295P
Shoal Creek Tributary 2	Panel	296P
Shoal Creek Tributary 3	Panel	297P
Shoal Creek Tributary 4	Panel	298P
Shoal Creek Tributary 5	Panel	299P
Shoal Creek Tributary 6	Panel	300P
Shoal Creek Tributary 7	Panel	301P
Shoal Creek Tributary 8	Panel	302P
Shoal Creek Tributary 9	Panel	303P
Shoal Creek West Tributary	Panel	304P

VOLUME 6 – December 8, 2016

Exhibit 1 - Flood Profiles - continued

Snapfinger Creek	Panels 305P-310P
Snapfinger Creek Tributary A	Panels 311P-314P
Snapfinger Creek Tributary A1	Panels 315P-316P
Snapfinger Creek Tributary B	Panels 317P-320P
Snapfinger Creek Tributary B1	Panel 321P
Snapfinger Creek Tributary C	Panels 322P-323P
Snapfinger Creek Tributary C SPLIT	Panel 324P
Snapfinger Creek Tributary C1	Panels 325P-326P
Snapfinger Creek Tributary D	Panels 327P-329P
Snapfinger Creek Tributary E	Panels 330P-331P
Snapfinger Creek Tributary E1	Panel 332P
Snapfinger Creek Tributary 1	Panels 333P-334P
Snapfinger Creek Tributary 2	Panel 335P
Snapfinger Creek Tributary 3	Panels 336P-338P
Snapfinger Creek Tributary 4	Panels 339P-340P
Snapfinger Creek Tributary 5	Panels 341P-342P
Snapfinger Creek Tributary 6	Panel 343P
Snapfinger Creek Tributary 7	Panel 344P
Snapfinger Creek Tributary 8	Panel 345P
Snapfinger Creek Tributary 9	Panels 346P-349P
Snapfinger Creek Tributary 9A	Panel 350P

$\underline{TABLE\ OF\ CONTENTS}\ -\ continued$

<u>VOLUME 6</u> - continued

EXHIBITS - continued

Exhibit 1 - Flood Profiles - continued	
Snapfinger Creek Tributary 9B	Panel 351P
Snapfinger Creek Tributary 10	Panel 352P
Snapfinger Creek Tributary 11	Panel 353P
Snapfinger Creek Tributary 12	Panels 354P-355P
Snapfinger Creek Tributary 13	Panel 356P
Snapfinger Creek Tributary 14	Panel 357P
Snapfinger Creek Tributary 15	Panel 358P
Snapfinger Creek Tributary 16	Panel 359P
Snapfinger Creek Tributary 17	Panel 360P
South Fork Peachtree Creek	Panels 361P-367P
South Fork Peachtree Creek Tributary	Panels 368P-370P
South Fork Peachtree Creek Tributary A	Panel 371P
South Fork Peachtree Creek Tributary B	Panel 372P
South Fork Peachtree Creek Tributary C	Panel 373P
South Fork Peachtree Creek Tributary	
Glendale Tributary	Panel 374P
South Fork Peachtree Creek Tributary	
Willow Tributary	Panel 375P
South River	Panels 376P-380P
South River Tributary A	Panels 381P-382P
South River Tributary 1	Panels 383P-384P
South River Tributary 1A	Panel 385P
South River Tributary 1AA	Panel 386P
South River Tributary 2	Panels 387P-388P
South River Tributary 2A	Panel 389P
South River Tributary 2B	Panel 390P
South River Tributary 3	Panel 391P
South River Tributary 4	Panel 392P
South River Tributary 5	Panels 393P-394P
South River Tributary 5A	Panels 395P-396P
South River Tributary 6	Panel 397P
South River Tributary 7	Panel 398P

VOLUME 7 – December 8, 2016

Exhibit 1 - Flood Profiles - continued	
South River Tributary 8	Panel 399P
South River Tributary 9	Panel 400P
South River Tributary 10	Panel 401P
South River Tributary 11	Panels 402P-403P
South River Tributary 12	Panels 404P-405P

<u>VOLUME 7</u> - continued

EXHIBITS - continued

Exhibit 1 - Flood Profiles - continued	
South River Tributary 12A	Panel 406P
South River Tributary 14	Panel 407P
Stephenson Creek	Panels 408P-411P
Stephenson Creek Tributary 1	Panel 412P
Stephenson Creek Tributary 2	Panels 413P-414P
Stone Mountain Creek	Panels 415P-420P
Stone Mountain Creek Tributary A	Panels 421P-423P
Stone Mountain Creek Unnamed Tributary 6	Panels 424P-425P
Sugar Creek	Panels 426P-432P
Sugar Creek East Branch A	Panel 433P
Sugar Creek Tributary A	Panels 434P-435P
Sugar Creek Tributary A1	Panel 436P
Sugar Creek Tributary C	Panel 437P
Sugar Creek Tributary D	Panels 438P-439P
Sugar Creek Tributary E	Panel 440P
Sugar Creek Tributary F	Panel 441P
Sugar Creek Tributary G	Panel 442P
Sugar Creek Tributary H	Panel 443P
Sugar Creek Tributary I	Panel 444P
Sugar Creek Tributary J	Panel 445P
Sugar Creek Tributary J1	Panel 446P
Swift Creek	Panels 447P-451P
Swift Creek Tributary A	Panels 452P-453P
Tom George Creek	Panel 454P
Unnamed Tributary to Nancy Creek	Panels 455P-456P
Unnamed Tributary 2 to Unnamed	
Tributary to Nancy Creek	Panel 457P
Yellow River	Panels 458P-459P

Exhibit 2 - Flood Insurance Rate Map Index Flood Insurance Rate Maps

























































































































