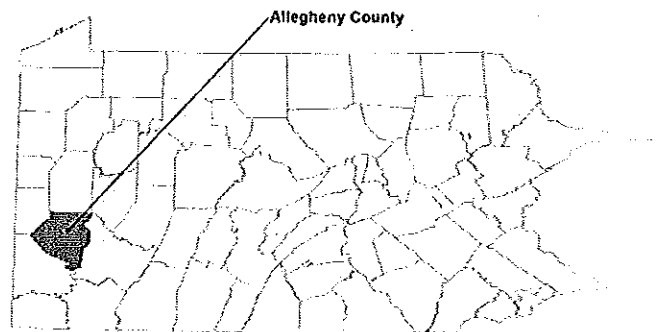


# FLOOD INSURANCE STUDY

VOLUME 2 OF 6



## ALLEGHENY COUNTY, PENNSYLVANIA (ALL JURISDICTIONS)



COMMUNITY NAME	COMMUNITY NUMBER	COMMUNITY NAME	COMMUNITY NUMBER	COMMUNITY NAME	COMMUNITY NUMBER	COMMUNITY NAME	COMMUNITY NUMBER
ALEPPO, TOWNSHIP OF	421266	*EAST MCKEESPORT, BOROUGH OF	420029	LYNOLIN, BOROUGH OF	420049	ROSSLYN FARMS, BOROUGH OF	420069
ASPINWALL, BOROUGH OF	420005	EAST PITTSBURGH, BOROUGH OF	422662	MARSHALL, TOWNSHIP OF	421080	SCOTT, TOWNSHIP OF	421100
AVALON, BOROUGH OF	420006	*EDGEWOOD, BOROUGH OF	422663	MCCANDLESS, TOWN OF	421081	SEWICKLEY, BOROUGH OF	420070
BALDWIN, BOROUGH OF	420007	EDGEWORTH, BOROUGH OF	420032	MCDONALD, BOROUGH OF	420855	SEWICKLEY HEIGHTS, BOROUGH OF	420071
BALDWIN, TOWNSHIP OF	422650	ELIZABETH, BOROUGH OF	421263	MCKEESPORT, CITY OF	420051	SEWICKLEY HILLS, BOROUGH OF	420072
BELL ACRES, BOROUGH OF	420008	ELIZABETH, TOWNSHIP OF	420033	MCKEES ROCKS, BOROUGH OF	420052	SHALER, TOWNSHIP OF	421101
BELLEVUE, BOROUGH OF	420009	EMSWORTH, BOROUGH OF	420034	MILLVALE, BOROUGH OF	420053	SHARPSBURG, BOROUGH OF	420073
BEN AVON, BOROUGH OF	420010	ETNA, BOROUGH OF	421052	MONROVILLE, MUNICIPALITY OF	420054	SOUTH FAYETTE, TOWNSHIP OF	421106
*BEN AVON HEIGHTS, BOROUGH OF	420011	FAWN, TOWNSHIP OF	421285	MOON, TOWNSHIP OF	421082	SOUTH PARK, TOWNSHIP OF	421165
BETHEL PARK, MUNICIPALITY OF	420012	FINDLAY, TOWNSHIP OF	421286	*MOUNT OLIVER, BOROUGH OF	420055	SOUTH VERSAILLES, TOWNSHIP OF	421281
BLAINOX, BOROUGH OF	420013	*FOREST HILLS, BOROUGH OF	420035	MT. LEBANON, MUNICIPALITY OF	421272	SPRINGDALE, BOROUGH OF	421282
BRACKENRIDGE, BOROUGH OF	420014	FORWARD, TOWNSHIP OF	421054	MUNHALL, BOROUGH OF	420056	SPRINGDALE, TOWNSHIP OF	420074
BRADDOCK, BOROUGH OF	420015	FOX CHAPEL, BOROUGH OF	420038	NEVILLE, TOWNSHIP OF	425385	STOWE, TOWNSHIP OF	421110
*BRADDOCK HILLS, BOROUGH OF	420016	FRANKLIN PARK, BOROUGH OF	420037	NORTH BRADDOCK, BOROUGH OF	420058	SWISSVALE, BOROUGH OF	420075
BRADFORD WOODS, BOROUGH OF	421262	FRAZER, TOWNSHIP OF	421268	NORTH FAYETTE, TOWNSHIP OF	421035	TARENTHUM, BOROUGH OF	420076
BRENTWOOD, BOROUGH OF	420017	GLASSPORT, BOROUGH OF	420038	NORTH VERSAILLES, TOWNSHIP OF	421231	THORNTON, BOROUGH OF	420077
BRIDGEVILLE, BOROUGH OF	420018	GLEN OSBORNE, BOROUGH OF	420061	OAKDALE, BOROUGH OF	420059	TRAFFORD, BOROUGH OF	420903
CARNEGIE, BOROUGH OF	420019	GLENFIELD, BOROUGH OF	420039	OAKMONT, BOROUGH OF	420060	TURTLE CREEK, BOROUGH OF	420079
CASTLE SHANNON, BOROUGH OF	420020	GREEN TREE, BOROUGH OF	420040	O'HARA, TOWNSHIP OF	421088	UPPER ST. CLAIR, TOWNSHIP OF	421119
*CHALFANT, BOROUGH OF	420021	HAMPTON, TOWNSHIP OF	420978	OHIO, TOWNSHIP OF	421089	VERONA, BOROUGH OF	422611
CHESWICK, BOROUGH OF	420022	HARVAR, TOWNSHIP OF	421069	PENN HILLS, MUNICIPALITY OF	421092	VERSAILLES, BOROUGH OF	420081
CHURCHILL, BOROUGH OF	420023	HARRISON, TOWNSHIP OF	420041	*PENNSBURY VILLAGE, BOROUGH OF	422655	WALL, BOROUGH OF	420082
CLARTON, CITY OF	420024	HAYSVILLE, BOROUGH OF	420042	PINE, TOWNSHIP OF	421094	WEST DEER, TOWNSHIP OF	421299
COLLIER, TOWNSHIP OF	421059	HEIDELBURG, BOROUGH OF	420043	PITCAIRN, BOROUGH OF	420062	WEST ELIZABETH, BOROUGH OF	420083
CORAOPOLIS, BOROUGH OF	420025	HOMESTEAD, BOROUGH OF	420044	PITTSBURGH, CITY OF	420063	WEST HOMESTEAD, BOROUGH OF	420084
CRAFTON, BOROUGH OF	420026	INDIANA, TOWNSHIP OF	421070	PLEASANT HILLS, BOROUGH OF	420084	WEST MIFFLIN, BOROUGH OF	420085
CRESCENT, TOWNSHIP OF	421060	*INGRAM, BOROUGH OF	420045	PLUM, BOROUGH OF	420065	*WEST VIEW, BOROUGH OF	420086
*DORVONT, BOROUGH OF	422630	JEFFERSON HILLS, BOROUGH OF	420046	PORT VUE, BOROUGH OF	420066	WHITEHALL, BOROUGH OF	420088
DRAVOSBURG, BOROUGH OF	420027	KENNEDY, TOWNSHIP OF	421072	RAIKIN, BOROUGH OF	420067	WHITAKER, BOROUGH OF	420087
DUQUESNE, CITY OF	420028	KILBUCK, TOWNSHIP OF	421073	RESERVE, TOWNSHIP OF	420068	WHITE OAK, BOROUGH OF	420089
EAST DEER, TOWNSHIP OF	421061	LEET, TOWNSHIP OF	421075	RICHLAND, TOWNSHIP OF	421199	WALKINS, TOWNSHIP OF	420090
*No special flood hazard areas identified		LEETSDALE, BOROUGH OF	420047	ROBINSON, TOWNSHIP OF	421097	*WALKINSBURG, BOROUGH OF	422667
		LIBERTY, BOROUGH OF	420048	ROSS, TOWNSHIP OF	420979	WALVERDING, BOROUGH OF	420091



REVISED: September 26, 2014

### Federal Emergency Management Agency

FLOOD INSURANCE STUDY NUMBER

42003CV002B

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: October 4, 1995

Revised Countywide FIS Dates:

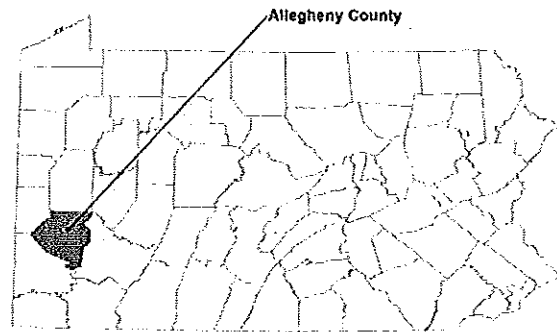
- |                    |  |
|--------------------|--|
| August 5, 1997     | to remove community disclaimer note for the Borough of Trafford and to include the Borough of Trafford into the countywide Flood Insurance Study for Allegheny County, PA.   |
| March 16, 1998     | to add Base Flood Elevations, Special Flood Hazard Areas, and road, and road names; and to change Base Flood Elevations, Special Flood Hazard Areas, and zone designations.  |
| July 5, 2000       | to change Base Flood Elevations, Special Flood Hazard Areas, and floodways; and to incorporate previously issued Letters of Map Revision.  |
| September 21, 2001 | to change Special Flood Hazard Areas and to reflect updated topographic information.   |
| May 15, 2003       | to add Special Flood Hazard Areas and Base Flood Elevations and to change Special Flood Hazard Areas and zone designations.  |
| September 26, 2014 | to change Base Flood Elevations and Special Flood Hazard Areas, to update corporate limits and roads and road names, to incorporate previously issued Letters of Map Revision, and to reflect updated topographic information. |

# FLOOD INSURANCE STUDY

VOLUME 2 OF 6



## ALLEGHENY COUNTY, PENNSYLVANIA (ALL JURISDICTIONS)



COMMUNITY NAME	COMMUNITY NUMBER	COMMUNITY NAME	COMMUNITY NUMBER	COMMUNITY NAME	COMMUNITY NUMBER	COMMUNITY NAME	COMMUNITY NUMBER
ALEPPO, TOWNSHIP OF	421266	*EAST MCKEESPORT, BOROUGH OF	420029	LINCOLN, BOROUGH OF	420049	ROSSLYN FARMS, BOROUGH OF	420069
ASPENWALL, BOROUGH OF	420005	EAST PITTSBURGH, BOROUGH OF	422662	MARSHALL, TOWNSHIP OF	421080	SCOTT, TOWNSHIP OF	421100
AVALON, BOROUGH OF	420006	*EDGEWOOD, BOROUGH OF	422663	MCCANDLESS, TOWN OF	421081	SEWICKLEY, BOROUGH OF	420070
BALDWIN, BOROUGH OF	420007	EDGEWORTH, BOROUGH OF	420032	MCDONALD, BOROUGH OF	420855	SEWICKLEY HEIGHTS, BOROUGH OF	420071
BALDWIN, TOWNSHIP OF	422650	ELIZABETH, BOROUGH OF	421263	MCKEESPORT, CITY OF	420051	SEWICKLEY HILLS, BOROUGH OF	420072
BELL ACRES, BOROUGH OF	420008	ELIZABETH, TOWNSHIP OF	420033	MCKEES ROCKS, BOROUGH OF	420052	SHALER, TOWNSHIP OF	421101
BELLEVUE, BOROUGH OF	420009	EMSWORTH, BOROUGH OF	420034	MILLVALE, BOROUGH OF	420053	SHARPSBURG, BOROUGH OF	420073
BEN AVON, BOROUGH OF	420010	ETNA, BOROUGH OF	421062	MONROEVILLE, MUNICIPALITY OF	420054	SOUTH FAYETTE, TOWNSHIP OF	421106
*BEN AVON HEIGHTS, BOROUGH OF	420011	FAWN, TOWNSHIP OF	421285	MOON, TOWNSHIP OF	421082	SOUTH PARK, TOWNSHIP OF	421165
BETHEL PARK, MUNICIPALITY OF	420012	FINDLAY, TOWNSHIP OF	421286	*MOUNT OLIVER, BOROUGH OF	420055	SOUTH VERSALLES, TOWNSHIP OF	421281
BLAINOX, BOROUGH OF	420013	*FOREST HILLS, BOROUGH OF	420035	MT. LEBANON, MUNICIPALITY OF	421272	SPRINGDALE, BOROUGH OF	421282
BRACKENROGE, BOROUGH OF	420014	FORWARD, TOWNSHIP OF	421064	MUNHALL, BOROUGH OF	420056	SPRINGDALE, TOWNSHIP OF	420074
BRADDOCK, BOROUGH OF	420015	FOX CHAPEL, BOROUGH OF	420036	NEVILLE, TOWNSHIP OF	426385	STOWE, TOWNSHIP OF	421110
*BRADDOCK HILLS, BOROUGH OF	420016	FRANKLIN PARK, BOROUGH OF	420037	NORTH BRADDOCK, BOROUGH OF	420058	SWISSVALE, BOROUGH OF	420075
BRADFORD WOODS, BOROUGH OF	421262	FRAZER, TOWNSHIP OF	421268	NORTH FAYETTE, TOWNSHIP OF	421035	TARENTUM, BOROUGH OF	420076
BRENTWOOD, BOROUGH OF	420017	GLASSPORT, BOROUGH OF	420038	NORTH VERSALLES, TOWNSHIP OF	421231	THORNBURG, BOROUGH OF	420077
BRIDGEVILLE, BOROUGH OF	420018	GLEN OSBORNE, BOROUGH OF	420061	OAKDALE, BOROUGH OF	420059	TRAFFORD, BOROUGH OF	420903
CARNEGIE, BOROUGH OF	420019	GLENFIELD, BOROUGH OF	420039	OAKMONT, BOROUGH OF	420060	TURTLE CREEK, BOROUGH OF	420079
CASTLE SHANNON, BOROUGH OF	420020	GREEN TREE, BOROUGH OF	420040	OHARA, TOWNSHIP OF	421083	UPPER ST. CLAIR, TOWNSHIP OF	421119
*CHALFANT, BOROUGH OF	420021	HAMPTON, TOWNSHIP OF	420978	OHIO, TOWNSHIP OF	421089	VERONA, BOROUGH OF	422611
CHESWICK, BOROUGH OF	420022	HARVAR, TOWNSHIP OF	421068	PENN HILLS, MUNICIPALITY OF	421092	VERSALLES, BOROUGH OF	420081
CHURCHILL, BOROUGH OF	420023	HARRISON, TOWNSHIP OF	420041	*PENNSBURY VILLAGE, BOROUGH OF	422665	WALL, BOROUGH OF	420082
CLARTON, CITY OF	420024	HAYSVILLE, BOROUGH OF	420042	PIKE, TOWNSHIP OF	421094	WEST DEER, TOWNSHIP OF	421299
COLLIER, TOWNSHIP OF	421058	HEIDELBURG, BOROUGH OF	420043	PITCAIRN, BOROUGH OF	420062	WEST ELIZABETH, BOROUGH OF	420083
CORAOPOLIS, BOROUGH OF	420025	HOMESTEAD, BOROUGH OF	420044	PITTSBURGH, CITY OF	420063	WEST HOMESTEAD, BOROUGH OF	420084
CRAFTON, BOROUGH OF	420026	INDIANA, TOWNSHIP OF	421070	PLEASANT HILLS, BOROUGH OF	420064	WEST MIFFLIN, BOROUGH OF	420085
CRESCENT, TOWNSHIP OF	421060	*INGRAM, BOROUGH OF	420045	PLUM, BOROUGH OF	420065	*WEST VIEW, BOROUGH OF	420088
*DORWINT, BOROUGH OF	422630	JEFFERSON HILLS, BOROUGH OF	420046	PORT VUE, BOROUGH OF	420066	WHITEHALL, BOROUGH OF	420088
DRAYOSBURG, BOROUGH OF	420027	KENNEDY, TOWNSHIP OF	421072	RANKIN, BOROUGH OF	420067	WHITAKER, BOROUGH OF	420087
DUQUESNE, CITY OF	420028	KILBUCK, TOWNSHIP OF	421073	RESERVE, TOWNSHIP OF	420068	WHITE OAK, BOROUGH OF	420089
EAST DEER, TOWNSHIP OF	421061	LEET, TOWNSHIP OF	421075	RICHLAND, TOWNSHIP OF	421199	WALKINS, TOWNSHIP OF	420090
*No special flood hazard areas identified		LEETSDALE, BOROUGH OF	420047	ROBINSON, TOWNSHIP OF	421097	*WALKINSBURG, BOROUGH OF	422667
		LIBERTY, BOROUGH OF	420048	ROSS, TOWNSHIP OF	420979	WALVERDING, BOROUGH OF	420091



REVISED: September 26, 2014

### Federal Emergency Management Agency

FLOOD INSURANCE STUDY NUMBER

42003CV002B

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: October 4, 1995

Revised Countywide FIS Dates:

- |                    |  |
|--------------------|--|
| August 5, 1997     | to remove community disclaimer note for the Borough of Trafford and to include the Borough of Trafford into the countywide Flood Insurance Study for Allegheny County, PA.   |
| March 16, 1998     | to add Base Flood Elevations, Special Flood Hazard Areas, and road, and road names; and to change Base Flood Elevations, Special Flood Hazard Areas, and zone designations.  |
| July 5, 2000       | to change Base Flood Elevations, Special Flood Hazard Areas, and floodways; and to incorporate previously issued Letters of Map Revision.  |
| September 21, 2001 | to change Special Flood Hazard Areas and to reflect updated topographic information.   |
| May 15, 2003       | to add Special Flood Hazard Areas and Base Flood Elevations and to change Special Flood Hazard Areas and zone designations.  |
| September 26, 2014 | to change Base Flood Elevations and Special Flood Hazard Areas, to update corporate limits and roads and road names, to incorporate previously issued Letters of Map Revision, and to reflect updated topographic information. |

TABLE OF CONTENTS – Volume 1 - September 26, 2014

	<u>Page</u>
1.0 <u>INTRODUCTION</u>	1
1.1 Purpose of Study	1
1.2 Authority and Acknowledgments	2
1.3 Coordination	19
2.0 <u>AREA STUDIED</u>	22
2.1 Scope of Study	22
2.2 Community Description	27
2.3 Principal Flood Problems	27
2.4 Flood Protection Measures	42
3.0 <u>ENGINEERING METHODS</u>	47
3.1 Hydrologic Analyses	47
3.2 Hydraulic Analyses	73
3.3 Vertical Datum	86
4.0 <u>FLOODPLAIN MANAGEMENT APPLICATIONS</u>	86
4.1 Floodplain Boundaries	87
4.2 Floodways	87
5.0 <u>INSURANCE APPLICATIONS</u>	90
6.0 <u>FLOOD INSURANCE RATE MAP</u>	90
7.0 <u>OTHER STUDIES</u>	91
8.0 <u>LOCATION OF DATA</u>	91
9.0 <u>BIBLIOGRAPHY AND REFERENCES</u>	103

TABLE OF CONTENTS- Volume 1- continued

		<u>Page</u>
<u>TABLES</u>		
Table 1	Initial and Final CCO Dates	19-21
Table 2	Detailed Studied Streams	22-23
Table 3	Scope of Study	26
Table 4	Incorporated Letters of Map Revision	26
Table 5	Flood Control Dams and Reservoirs	43
Table 6	Summary of Discharges	54-73
Table 7	Summary of Roughness Coefficients	83-85
Table 9	Community Map History	92-102

FIGURES

Figure 1 - Floodway Schematic	89
-------------------------------	----

Table of Contents - Volume 2 - September 26, 2014

TABLES

Table 8	Floodway Data	1-94
---------	---------------	------

Table of Contents - Volume 3

EXHIBITS

Exhibit 1 - Flood Profiles	
Abers Creek	Panels 01P-05P
Allegheny River	Panels 06P-17P
Allegheny River (Herrs Island Back Channel)	Panel 18P
Allegheny River (Twelve Mile Island Back Channel)	Panel 19P
Allegheny River (Fourteen Mile Island Back Channel)	Panel 20P
Bear Run	Panels 21P-22P
Becks Run	Panels 23P-24P
Big Sewickley Creek	Panels 25P-33P
Boston Hollow Run	Panels 34P-46P
Boyds Hollow Run	Panels 37P-38P
Breakneck Creek	Panel 39P
Brush Creek 1	Panel 40P
Brush Creek 2	Panels 41P-42P
Bull Creek	Panels 43P-46P
Campbells Run	Panels 47P-56P
Chalfant Run	Panels 57P-58P
Chartiers Creek	Panels 59P-67P
Chartiers Creek-Diversion Channel	Panels 68P-70P
Crooked Run	Panels 71P-72P
Crouse Run	Panels 73P-74P
Crouse Run Tributary	Panel 75P
Deer Creek	Panels 76P-77P
Dirty Camp Run	Panels 78P-81P
Douglass Run	Panels 82P-88P
Douglass Run Tributary No. 1	Panels 89P-91P
Douglass Run Tributary No. 2	Panel 92P
East Thompson Run	Panels 93P-94P

Table of Contents - Volume 4

EXHIBITS - continued

Exhibit 1 - Flood Profiles - continued	
Fallen Timber Run	Panels 95P-96P
Georges Run	Panels 97P-101P
Gillespie Run	Panels 102P-106P
Girty's Run	Panels 107P-114P
Gourdhead Run	Panels 115P-118P
Graesers Run	Panels 119P-120P
Happy Hollow Run	Panels 121P-123P
Harts Run	Panels 124P-127P
Hoffman Run	Panels 128P-129P
Humms Run	Panels 130P-133P
Jacks Run	Panels 134P-136P
Leak Run	Panels 137P-139P
Lewis Run	Panels 140P-142P

Table of Contents - Volume 4 - continued

EXHIBITS - continued

Exhibit 1 -Flood Profiles - continued

Lick Run	Panels 143P-147P
Little Bull Creek	Panels 148P-150P
Little Deer Creek	Panels 151P-153P
Little Pine Creek East	Panels 154P-157P
Little Pine Creek West	Panels 158P-164P
Little Plum Creek	Panels 165P-166P
Lobbs Run	Panels 167P-168P
Long Run	Panels 169P-172P
Lowries Run	Panels 173P-178P
McCaslin Run	Panel 179P
McClarens Run	Panels 180P-181P
McLaughlin Run	Panels 182P-186P

Table of Contents - Volume 5

EXHIBITS - continued

Exhibit 1 - Flood Profiles - continued

Millers Run	Panels 187P-189P
Monongahela River	Panels 190P-197P
Montour Run	Panels 198P-206P
Montour Run No. 1	Panels 207P-208P
Moon Run	Panels 209P-211P
North Branch Robinson Run	Panels 212P-213P
North Fork Montour Run	Panels 214P-215P
Ohio River	Panels 216P-222P
Ohio River Back Channel	Panels 223P-225P
Painters Run	Panel 226P
Peters Creek	Panels 227P-229P
Pidgeon Hollow Run	Panels 230P-231P
Piersons Run	Panel 232P
Pine Creek	Panels 233P-247P
Piney Fork	Panels 248P-249P
Pitt Street Tributary	Panel 250P
Plum Creek	Panels 251P-257P
Pucketa Creek	Panels 258P-261P
Robinson Run	Panels 262P-269P
Rochester Run	Panel 270P
Sandy Creek	Panels 271P-273P
Saw Mill Run	Panels 274P-279P



Table of Contents - Volume 6

EXHIBITS - continued

Exhibit 1 -Flood Profiles - continued	
Sawmill Run	Panels 280P-282P
Scrubgrass Run	Panels 283P-289P
South Fork Montour Run	Panel 290P
Spring Garden Run	Panels 291P-296P
Squaw Run	Panels 297P-303P
Squaw Run Tributary No. 1	Panel 304P
Squaw Run Tributary No. 2	Panel 309P
Squaw Run Tributary No. 4	Panels 306P-307P
Streets Run	Panels 308P-311P
Thompson Run	Panels 312P-316P
Tributary 1 to Piney Fork	Panels 317P-319P
Tributary A	Panels 320P-321P
Tributary to Bull Creek	Panels 322P-326P
Turtle Creek	Panels 327P-332P
Unnamed Stream Along Moss Side Boulevard	Panel 333P
West Branch Deer Creek	Panel 334P
Whiskey Run	Panels 335P-337P
Wittmer Run	Panel 338P
Wildcat Run	Panels 339P-345P
Wylie Run	Panels 346P-356P
Youghiogheny River	Panels 357P-360P

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

FLOODING SOURCE		FLOODWAY			BASE FLOOD WATER SURFACE ELEVATION			
CROSS SECTION	DISTANCE <sup>1</sup>	WIDTH (FEET)	SECTION AREA (SQUARE FEET)	MEAN VELOCITY (FEET PER SECOND)	REGULATORY (NAVD)	WITHOUT FLOODWAY (NAVD)	WITH FLOODWAY (NAVD)	INCREASE
Abers Creek								
A	562	224	1,212	4.2	846.0	846.0	846.4	0.4
B	1,162	88	421	11.7	848.1	848.1	848.4	0.3
C	1,540	94	674	7.9	853.9	853.9	853.9	0.0
D	2,215	77	507	10.5	857.1	857.1	858.1	1.0
E	3,241	62	462	9.8	864.5	864.5	864.5	0.9
F	4,046	105	864	5.9	870.1	870.1	870.8	0.7
G	4,726	105	828	6.6	872.2	872.2	873.1	0.9
H	5,331	78	576	9.2	877.2	877.2	877.2	0.0
I	5,941	46	440	8.6	882.4	882.4	882.4	0.0
J	6,789	50	637	5.5	889.3	889.3	889.4	0.0
K	7,401	58	523	8.4	890.0	890.0	890.5	0.5
L	8,026	52	375	11.1	892.3	892.3	892.3	0.0
M	8,878	82	515	6.8	897.6	897.6	897.8	0.2
N	9,646	44	296	11.8	902.2	902.2	902.3	0.1
O	10,406	45	321	12.1	907.6	907.6	908.0	0.4
P	11,106	42	313	11.2	912.6	912.6	913.4	0.8
Q	11,817	55	451	9.4	917.1	917.1	917.5	0.4
R	12,499	63	450	10.0	919.7	919.7	920.4	0.7
S	13,256	87	582	6.7	924.2	924.2	925.1	0.9
T	13,834	132	692	6.7	927.0	927.0	927.9	0.9
U	14,529	144	385	11.3	932.2	932.2	932.2	0.0
V	15,160	42	317	6.8	935.1	935.1	936.1	1.0
W	16,860	39	191	11.2	943.9	943.9	944.1	0.2

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

**FLOODWAY DATA**

FEDERAL EMERGENCY MANAGEMENT AGENCY

**ALLEGHENY COUNTY, PA  
(ALL JURISDICTIONS)**

**ABERS CREEK**

**TABLE 8**

FLOODING SOURCE		FLOODWAY				BASE FLOOD WATER SURFACE ELEVATION			
CROSS SECTION	DISTANCE	WIDTH (FEET)	SECTION AREA (SQUARE FEET)	MEAN VELOCITY (FEET PER SECOND)	REGULATORY (NAVD)	WITHOUT FLOODWAY (NAVD)	WITH FLOODWAY (NAVD)	INCREASE	
Abers Creek (Continued)									
X	16,976 <sup>1</sup>	34	195	11.1	945.8	945.8	946.0	0.2	
Y	17,819 <sup>1</sup>	42	278	7.7	952.6	952.6	952.6	0.0	
Z	18,219 <sup>1</sup>	31	164	13.1	954.4	954.4	954.4	0.0	
AA	19,389 <sup>1</sup>	36	99	9.6	963.2	963.2	963.2	0.0	
AB	20,733 <sup>1</sup>	44	197	4.8	978.2	978.2	978.2	0.0	
AC	21,693 <sup>1</sup>	63	137	7.0	986.5	986.5	986.5	0.0	
Allegheny River									
A	180 <sup>2</sup>	1,056	39,277	6.4	729.0	729.0	730.0	1.0	
B	534 <sup>2</sup>	1,150	37,285	6.8	729.0	729.0	730.0	1.0	
C	904 <sup>2</sup>	1,074	37,007	6.8	729.0	729.0	730.0	1.0	
D	2,640 <sup>2</sup>	1,017	30,298	8.4	729.2	729.2	730.1	0.9	
E	3,960 <sup>2</sup>	950	30,503	8.3	729.7	729.7	730.7	1.0	
F	6,600 <sup>2</sup>	842	27,448	9.2	730.4	730.4	731.3	0.9	
G	7,920 <sup>2</sup>	1,073	33,280	7.6	731.1	731.1	732.0	0.9	
H	9,240 <sup>2</sup>	949	34,336	7.4	731.4	731.4	732.2	0.8	
I	10,560 <sup>2</sup>	1,020	35,485	7.1	731.7	731.7	732.5	0.8	
J	11,303 <sup>2</sup>	1,196	39,408	6.4	732.0	732.0	732.8	0.8	
K	11,880 <sup>2</sup>	846	28,274	7.8	732.0	732.0	732.8	0.8	
L	13,200 <sup>2</sup>	738	27,224	8.1	732.2	732.2	733.0	0.8	
M	14,520 <sup>2</sup>	909	32,472	6.8	732.8	732.8	733.5	0.7	
N	15,270 <sup>2</sup>	988	36,000	6.2	733.1	733.1	733.8	0.7	

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

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

FEDERAL EMERGENCY MANAGEMENT AGENCY

ALLEGHENY COUNTY, PA  
(ALL JURISDICTIONS)

FLOODWAY DATA

ABERS CREEK - ALLEGHENY RIVER

TABLE 8

FLOODING SOURCE		FLOODWAY			BASE FLOOD WATER SURFACE ELEVATION			
CROSS SECTION	DISTANCE <sup>1</sup>	WIDTH (FEET)	SECTION AREA (SQUARE FEET)	MEAN VELOCITY (FEET PER SECOND)	REGULATORY (NAVD)	WITHOUT FLOODWAY (NAVD)	WITH FLOODWAY (NAVD)	INCREASE
Allegheny River (Continued)								
O	15,840	1,309	44,762	5.7	733.2	733.2	733.9	0.7
P	16,059	1,355	45,608	5.5	733.3	733.3	734.0	0.7
Q	18,427	950	32,020	7.9	733.4	733.4	734.1	0.7
R	19,298	939	32,786	7.7	733.5	733.5	734.2	0.7
S	19,800	1,011	31,290	8.1	733.6	733.6	734.3	0.7
T	21,120	832	28,574	8.9	733.7	733.7	734.4	0.7
U	22,440	1,070	37,446	6.8	734.6	734.6	735.2	0.6
V	23,760	1,101	36,814	6.9	734.8	734.8	735.4	0.6
W	24,556	1,177	37,103	6.8	734.9	734.9	735.5	0.6
X	24,856	1,280	41,070	6.2	735.1	735.1	735.7	0.6
Y	25,080	1,290	41,766	6.1	735.1	735.1	735.7	0.6
Z	26,400	1,092	38,628	6.5	735.2	735.2	735.8	0.6
AA	27,720	1,015	34,970	7.2	735.3	735.3	735.9	0.6
AB	28,211	998	35,193	7.2	735.4	735.4	736.0	0.6
AC	29,040	1,161	38,610	6.6	735.8	735.8	736.3	0.5
AD	30,360	1,169	39,769	6.4	735.9	735.9	736.5	0.6
AE	31,680	1,182	42,522	5.9	736.2	736.2	736.8	0.6
AF	33,000	1,372	42,572	5.9	736.3	736.3	736.9	0.6
AG	33,514	1,445	46,288	5.5	736.5	736.5	737.1	0.6
AH	34,042	1,450	52,340	4.8	736.6	736.6	737.1	0.5
AI	35,727	1,604	47,194	5.4	738.0	738.0	738.9	0.9

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

**FLOODWAY DATA**

FEDERAL EMERGENCY MANAGEMENT AGENCY

**ALLEGHENY COUNTY, PA  
(ALL JURISDICTIONS)**

**TABLE 8**

**ALLEGHENY RIVER**

FLOODING SOURCE		FLOODWAY				BASE FLOOD WATER SURFACE ELEVATION			
CROSS SECTION	DISTANCE <sup>1</sup>	WIDTH (FEET)	SECTION AREA (SQUARE FEET)	MEAN VELOCITY (FEET PER SECOND)	REGULATORY (NAVD)	WITHOUT FLOODWAY (NAVD)	WITH FLOODWAY (NAVD)	INCREASE	
Allegheny River (Continued)									
AJ	36,960	1,488	38,451	6.6	738.0	738.0	738.9	0.9	
AK	37,669	1,303	35,541	7.1	738.0	738.0	738.9	0.9	
AL	38,280	1,067	30,726	8.2	738.2	738.2	739.1	0.9	
AM	38,900	1,128	33,331	7.6	738.3	738.3	739.2	0.9	
AN	39,600	1,065	33,378	7.6	738.5	738.5	739.3	0.8	
AO	40,920	1,101	34,392	7.4	738.7	738.7	739.6	0.9	
AP	42,240	986	33,015	7.7	738.8	738.8	739.7	0.9	
AQ	42,480	994	33,720	7.5	738.9	738.9	739.8	0.9	
AR	42,782	1,047	37,103	6.8	739.1	739.1	739.9	0.8	
AS	43,560	1,078	36,420	6.9	739.2	739.2	740.0	0.8	
AT	44,070	1,077	36,146	7.0	739.2	739.2	740.0	0.8	
AU	44,880	1,136	38,377	6.6	739.4	739.4	740.2	0.8	
AV	45,810	1,122	35,905	7.0	739.5	739.5	740.3	0.8	
AW	46,041	1,110	33,634	7.5	739.5	739.5	740.3	0.8	
AX	46,200	1,120	32,489	7.8	739.5	739.5	740.3	0.8	
AY	47,520	1,151	38,179	6.6	739.9	739.9	740.7	0.8	
AZ	47,875	1,128	37,983	6.7	740.0	740.0	740.7	0.7	
BA	48,840	1,098	36,978	6.8	740.0	740.0	740.8	0.8	
BB	49,347	1,071	37,853	6.7	740.1	740.1	740.8	0.7	
BC	50,160	1,283	40,546	6.2	740.3	740.3	741.1	0.8	
BD	51,480	1,788	47,456	5.3	740.6	740.6	741.3	0.7	

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

**FLOODWAY DATA**

FEDERAL EMERGENCY MANAGEMENT AGENCY

**ALLEGHENY COUNTY, PA  
(ALL JURISDICTIONS)**

**ALLEGHENY RIVER**

**TABLE 8**

FLOODING SOURCE		FLOODWAY				BASE FLOOD WATER SURFACE ELEVATION			
CROSS SECTION	DISTANCE <sup>1</sup>	WIDTH (FEET)	SECTION AREA (SQUARE FEET)	MEAN VELOCITY (FEET PER SECOND)	REGULATORY (NAVD)	WITHOUT FLOODWAY (NAVD)	WITH FLOODWAY (NAVD)	INCREASE	
Allegheny River (Continued)									
BE	52,140	1,846	49,556	5.1	740.7	740.7	741.4	0.7	
BF	52,565	1,978	49,212	5.1	740.7	740.7	741.4	0.7	
BG	52,800	2,023	50,480	5.0	740.8	740.8	741.5	0.7	
BH	53,460	2,233	52,401	4.8	740.9	740.9	741.6	0.7	
BI	53,862	2,279	61,109	4.1	741.0	741.0	741.7	0.7	
BJ	54,200	2,165	60,117	4.2	741.0	741.0	741.7	0.7	
BK	54,610	2,002	55,950	4.5	741.0	741.0	741.7	0.7	
BL	55,440	1,596	46,206	5.5	741.0	741.0	741.7	0.7	
BM	56,484	1,026	34,099	7.4	741.0	741.0	741.7	0.7	
BN	56,760	972	32,559	7.8	741.0	741.0	741.7	0.7	
BO	58,080	1,186	36,180	7.0	741.2	741.2	741.9	0.7	
BP	59,400	1,368	37,438	6.8	741.4	741.4	742.1	0.7	
BQ	60,720	1,419	36,265	7.0	741.6	741.6	742.2	0.6	
BR	62,040	1,013	30,695	8.2	741.6	741.6	742.3	0.7	
BS	63,360	931	29,994	8.4	741.8	741.8	742.5	0.7	
BT	64,225	949	31,535	8.0	742.1	742.1	742.7	0.6	
BU	64,680	969	32,912	7.7	742.2	742.2	742.8	0.6	
BV	66,000	1,136	37,339	6.8	742.6	742.6	743.2	0.6	
BW	67,268	1,444	43,381	5.8	743.0	743.0	743.6	0.6	
BX	68,089	928	27,706	6.7	743.0	743.0	743.6	0.6	
BY	68,640	930	26,863	6.9	743.0	743.0	743.6	0.6	

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

FEDERAL EMERGENCY MANAGEMENT AGENCY

ALLEGHENY COUNTY, PA  
(ALL JURISDICTIONS)

TABLE 8

FLOODWAY DATA

ALLEGHENY RIVER

FLOODING SOURCE		FLOODWAY				BASE FLOOD WATER SURFACE ELEVATION			
CROSS SECTION	DISTANCE <sup>1</sup>	WIDTH (FEET)	SECTION AREA (SQUARE FEET)	MEAN VELOCITY (FEET PER SECOND)	REGULATORY (NAVD)	WITHOUT FLOODWAY (NAVD)	WITH FLOODWAY (NAVD)	INCREASE	
Allegheny River (Continued)									
BZ	69,960	828	24,522	7.5	743.1	743.1	743.7	0.6	
CA	70,512	823	23,206	7.9	743.1	743.1	743.7	0.6	
CB	71,589	1,597	44,248	5.7	743.8	743.8	744.4	0.6	
CC	72,600	1,516	43,333	5.8	743.9	743.9	744.5	0.6	
CD	73,920	1,473	38,953	6.5	744.0	744.0	744.5	0.5	
CE	75,240	695	18,646	7.9	744.1	744.1	744.6	0.5	
CF	75,872	1,525	44,442	5.7	744.8	744.8	745.3	0.5	
CG	76,877	1,467	32,447	7.8	746.9	746.9	747.9	1.0	
CH	77,880	1,663	38,433	6.6	747.6	747.6	748.5	0.9	
CI	78,770	1,603	41,601	6.1	747.9	747.9	748.8	0.9	
CJ	79,200	1,442	39,035	6.5	747.9	747.9	748.8	0.9	
CK	80,520	1,189	31,747	8.0	748.0	748.0	748.9	0.9	
CL	81,840	1,081	30,426	8.3	748.3	748.3	749.1	0.8	
CM	83,160	856	26,584	9.5	748.4	748.4	749.2	0.8	
CN	84,480	802	24,728	10.2	748.7	748.7	749.5	0.8	
CO	85,800	760	24,833	10.2	749.2	749.2	749.9	0.7	
CP	87,120	1,013	46,834	5.4	750.7	750.7	751.4	0.7	
CQ	88,440	1,154	40,159	6.3	750.7	750.7	751.4	0.7	
CR	89,760	1,072	44,993	5.6	750.9	750.9	751.5	0.6	
CS	91,080	1,108	39,202	6.5	751.1	751.1	751.7	0.6	
CT	92,400	1,374	45,281	5.6	751.4	751.4	752.0	0.6	

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

FEDERAL EMERGENCY MANAGEMENT AGENCY

ALLEGHENY COUNTY, PA  
(ALL JURISDICTIONS)

FLOODWAY DATA

ALLEGHENY RIVER

TABLE 8

FLOODING SOURCE		FLOODWAY			BASE FLOOD WATER SURFACE ELEVATION			
CROSS SECTION	DISTANCE <sup>1</sup>	WIDTH (FEET)	SECTION AREA (SQUARE FEET)	MEAN VELOCITY (FEET PER SECOND)	REGULATORY (NAVD)	WITHOUT FLOODWAY (NAVD)	WITH FLOODWAY (NAVD)	INCREASE
Allegheny River (Continued)								
CU	93,720	1,372	47,544	5.3	751.6	751.6	752.2	0.6
CV	94,940	1,458 <sup>2</sup>	51,470	4.9	751.8	751.8	752.4	0.6
CW	95,850	1,355 <sup>2</sup>	52,030	4.9	751.9	751.9	752.5	0.6
CX	96,360	1,339 <sup>2</sup>	45,393	5.6	751.9	751.9	752.5	0.6
CY	97,680	1,154 <sup>2</sup>	41,949	6.0	751.9	751.9	752.5	0.6
CZ	99,000	1,003 <sup>2</sup>	43,027	5.9	752.0	752.0	752.6	0.6
DA	100,320	928 <sup>2</sup>	27,953	9.1	752.0	752.0	752.6	0.6
DB	101,640	984 <sup>2</sup>	41,818	6.1	752.8	752.8	753.3	0.5
DC	102,960	1,040 <sup>2</sup>	41,386	6.1	752.9	752.9	753.4	0.5
DD	104,280	968 <sup>2</sup>	43,451	5.8	753.1	753.1	753.6	0.5
DE	105,600	1,013 <sup>2</sup>	39,791	6.4	753.1	753.1	753.6	0.5
DF	106,860	1,160 <sup>2</sup>	31,666	8.0	753.1	753.1	753.7	0.6
DG	108,132	1,437 <sup>2</sup>	33,476	7.6	753.5	753.5	754.0	0.5
DH	109,560	1,301 <sup>2</sup>	38,199	6.6	754.2	754.2	754.7	0.5
DI	110,880	1,496 <sup>2</sup>	46,758	5.4	754.7	754.7	755.2	0.5
DJ	112,200	1,500 <sup>2</sup>	48,409	5.2	754.9	754.9	755.4	0.5
DK	113,520	1,456 <sup>2</sup>	46,242	5.5	754.9	754.9	755.4	0.5
DL	114,641	1,399 <sup>2</sup>	38,068	6.6	754.9	754.9	755.4	0.5
DM	116,160	1,240 <sup>2</sup>	33,771	7.5	755.2	755.2	755.7	0.5
DN	117,480	1,273 <sup>2</sup>	49,717	5.1	755.8	755.8	756.2	0.4
DO	118,800	1,334 <sup>2</sup>	46,679	5.4	755.9	755.9	756.3	0.4

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

<sup>2</sup>Width extends beyond county boundary

FEDERAL EMERGENCY MANAGEMENT AGENCY

TABLE 8

ALLEGHENY COUNTY, PA  
(ALL JURISDICTIONS)

FLOODWAY DATA

ALLEGHENY RIVER



FLOODING SOURCE		FLOODWAY				BASE FLOOD WATER SURFACE ELEVATION			
CROSS SECTION	DISTANCE <sup>1</sup>	WIDTH <sup>2</sup> (FEET)	SECTION AREA (SQUARE FEET)	MEAN VELOCITY (FEET PER SECOND)	REGULATORY (NAVD)	WITHOUT FLOODWAY (NAVD)	WITH FLOODWAY (NAVD)	INCREASE	
Allegheny River (Continued)									
DP	120,120	1,238	31,577	8.0	755.9	755.9	756.3	0.4	
DQ	121,440	931	26,283	9.6	755.9	755.9	756.3	0.4	
DR	122,760	906	26,369	9.6	756.3	756.3	756.7	0.4	
DS	124,127	971	28,291	8.9	756.9	756.9	757.3	0.4	
DT	125,400	931	27,601	9.2	757.3	757.3	757.7	0.4	
DU	126,720	1,186	33,711	7.5	758.1	758.1	758.4	0.3	
DV	127,485	930	33,422	7.6	758.2	758.2	758.5	0.3	
DW	128,613	1,287	35,691	7.1	762.4	762.4	763.4	1.0	
DX	129,990	991	29,069	6.7	762.9	762.9	763.8	0.9	
DY	130,680	1,982	51,695	4.9	763.4	763.4	764.3	0.9	
DZ	131,847	1,786	49,677	5.1	763.7	763.7	764.6	0.9	
EA	133,320	1,472	46,076	5.5	763.9	763.9	764.8	0.9	
EB	134,640	1,537	53,518	4.7	764.2	764.2	765.0	0.8	
EC	135,960	1,007	39,021	6.5	764.2	764.2	765.1	0.9	
ED	137,280	906	35,594	7.1	764.3	764.3	765.1	0.8	
EE	138,600	1,049	36,003	7.0	764.6	764.6	765.4	0.8	
EF	139,920	1,222	43,639	5.8	765.1	765.1	765.9	0.8	
EG	141,240	1,408	49,680	5.1	765.4	765.4	766.2	0.8	
EH	142,560	1,246	41,323	6.1	765.5	765.5	766.2	0.7	
EI	143,880	1,108	38,094	6.6	765.7	765.7	766.4	0.7	
EJ	145,200	1,019	40,918	6.2	766.0	766.0	766.7	0.7	

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

<sup>2</sup> Width extends beyond county boundary

FEDERAL EMERGENCY MANAGEMENT AGENCY

ALLEGHENY COUNTY, PA  
(ALL JURISDICTIONS)

TABLE 8

FLOODWAY DATA

ALLEGHENY RIVER

FLOODING SOURCE		FLOODWAY				BASE FLOOD WATER SURFACE ELEVATION			
CROSS SECTION	DISTANCE	WIDTH (FEET)	SECTION AREA (SQUARE FEET)	MEAN VELOCITY (FEET PER SECOND)	REGULATORY (NAVD)	WITHOUT FLOODWAY (NAVD)	WITH FLOODWAY (NAVD)	INCREASE	
Allegheny River (Continued)	146,520 <sup>1</sup>	915 <sup>2</sup>	34,493	7.3	766.0	766.0	766.7	0.7	
	147,840 <sup>1</sup>	699 <sup>2</sup>	28,497	8.9	766.1	766.1	766.8	0.7	
	149,160 <sup>1</sup>	815 <sup>2</sup>	33,241	7.6	766.8	766.8	767.5	0.7	
	150,480 <sup>1</sup>	1,010 <sup>2</sup>	31,967	7.9	767.1	767.1	767.8	0.7	
Allegheny River- (Herr's Island Back Channel)	11,880 <sup>1</sup>	289	5,510	5.7	732.6	732.6	733.4	0.8	
	13,081 <sup>1</sup>	372	6,985	4.5	732.9	732.9	733.7	0.8	
	14,356 <sup>1</sup>	390	6,954	4.5	733.1	733.1	733.9	0.8	
	15,216 <sup>1</sup>	287	5,827	5.4	733.4	733.4	733.4	0.0	
Becks Run	573 <sup>3</sup>	28	135	8.8	733.4	727.1 <sup>4</sup>	727.1	0.0	
	965 <sup>3</sup>	22	177	7.3	734.2	734.2	734.2	0.0	
	1,452 <sup>3</sup>	28	156	8.3	740.6	740.6	741.5	0.9	
	2,121 <sup>3</sup>	24	123	11.6	751.5	751.5	751.5	0.0	
	2,676 <sup>3</sup>	32	161	8.9	762.2	762.2	762.8	0.6	
	3,176 <sup>3</sup>	24	95	11.4	772.4	772.4	772.4	0.0	
	3,612 <sup>3</sup>	32	198	5.5	784.7	784.7	784.7	0.0	
	3,990 <sup>3</sup>	34	107	10.1	788.7	788.7	788.7	0.0	
	4,593 <sup>3</sup>	39	128	8.4	802.2	802.2	802.2	0.0	

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

<sup>2</sup> Width extends beyond county boundary

<sup>3</sup> Feet above confluence with Monongahela River

<sup>4</sup> Elevation computed without consideration of backwater effects from Monongahela River

FEDERAL EMERGENCY MANAGEMENT AGENCY  
**ALLEGHENY COUNTY, PA**  
 (ALL JURISDICTIONS)

**FLOODWAY DATA**  
**ALLEGHENY RIVER - HERR'S ISLAND BACK CHANNEL**  
**- BECKS RUN**

**TABLE 8**

FLOODING SOURCE		FLOODWAY				BASE FLOOD WATER SURFACE ELEVATION			
CROSS SECTION	DISTANCE	WIDTH (FEET)	SECTION AREA (SQUARE FEET)	MEAN VELOCITY (FEET PER SECOND)	REGULATORY (NAVD)	WITHOUT FLOODWAY (NAVD)	WITH FLOODWAY (NAVD)	INCREASE	
Becks Run (Continued) J	5,199 <sup>1</sup>	25	97	11.2	818.3	818.3	818.3	0.0	
Big Sewickley Creek	2,217 <sup>2</sup>	170 <sup>3</sup>	974	5.8	712.9	702.0	702.2	0.2	
	2,692 <sup>2</sup>	125 <sup>3</sup>	1,026	5.5	712.9	702.6	702.7	0.1	
	3,696 <sup>2</sup>	100 <sup>3</sup>	803	7.0	714.9	707.7	707.7	0.0	
	4,329 <sup>2</sup>	100 <sup>3</sup>	876	6.4	715.2	708.6	708.6	0.0	
	5,736 <sup>2</sup>	102 <sup>3</sup>	459	7.8	715.2	708.2	708.6	0.4	
	6,236 <sup>2</sup>	65 <sup>3</sup>	409	8.8	715.2	710.6	710.6	0.0	
	7,026 <sup>2</sup>	59 <sup>3</sup>	393	9.2	715.2	713.9	714.3	0.4	
	7,716 <sup>2</sup>	83 <sup>3</sup>	530	6.8	716.8	716.8	717.8	1.0	
	8,554 <sup>2</sup>	73 <sup>3</sup>	500	7.2	719.9	719.9	720.4	0.5	
	9,077 <sup>2</sup>	86 <sup>3</sup>	474	7.6	721.8	721.8	722.4	0.6	
	9,531 <sup>2</sup>	79 <sup>3</sup>	444	8.1	724.7	724.7	725.0	0.3	
	9,900 <sup>2</sup>	160 <sup>3</sup>	557	9.6	728.4	728.4	728.5	0.1	
	10,347 <sup>2</sup>	57 <sup>3</sup>	464	11.6	733.1	733.1	733.1	0.0	
	11,022 <sup>2</sup>	293 <sup>3</sup>	1,292	4.1	736.2	736.2	737.0	0.8	
	11,632 <sup>2</sup>	131 <sup>3</sup>	515	10.4	740.1	740.1	740.1	0.0	
	12,147 <sup>2</sup>	55 <sup>3</sup>	552	9.7	745.9	745.9	745.9	0.0	
	12,687 <sup>2</sup>	93 <sup>3</sup>	928	5.8	747.5	747.5	747.5	0.0	
15,357 <sup>2</sup>	146 <sup>3</sup>	611	8.8	754.6	754.6	754.9	0.3		

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

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

<sup>3</sup> This width extends beyond county boundary

FEDERAL EMERGENCY MANAGEMENT AGENCY		FLOODWAY DATA	
ALLEGHENY COUNTY, PA (ALL JURISDICTIONS)		BECKS RUN - BIG SEWICKLEY CREEK	
TABLE 8			

FLOODING SOURCE		FLOODWAY				BASE FLOOD WATER SURFACE ELEVATION			
CROSS SECTION	DISTANCE <sup>1</sup>	WIDTH <sup>2</sup> (FEET)	SECTION AREA (SQUARE FEET)	MEAN VELOCITY (FEET PER SECOND)	REGULATORY (NAVD)	WITHOUT FLOODWAY (NAVD)	WITH FLOODWAY (NAVD)	INCREASE	
Big Sewickley Creek (Continued)									
S	15,712	98	667	8.0	757.9	757.9	757.9	0.0	
T	17,442	141	818	6.6	763.8	763.8	764.6	0.8	
U	18,000	140	705	7.6	766.8	766.8	766.9	0.1	
V	18,237	98	1045	5.1	773.3	773.3	773.3	0.0	
W	19,637	198	954	5.6	774.3	774.3	775.3	1.0	
X	20,837	128	807	6.6	779.6	779.6	779.8	0.2	
Y	21,250	120	1171	4.6	783.2	783.2	783.4	0.2	
Z	21,603	318	1318	4.1	783.3	783.3	783.8	0.5	
AA	23,103	54	430	12.5	788.1	788.1	788.6	0.5	
AB	24,168	326	1649	2.0	792.6	792.6	793.1	0.5	
AC	24,968	397	1519	2.2	793.5	793.5	794.1	0.6	
AD	25,968	193	588	5.7	797.2	797.2	797.3	0.1	
AE	27,068	118	578	5.8	803.2	803.2	803.7	0.5	
AF	28,228	201	695	4.8	807.8	807.8	808.2	0.4	
AG	30,729	134	504	6.7	822.1	822.1	822.1	0.0	
AH	31,529	134	724	4.6	824.6	824.6	825.3	0.7	
AI <sup>3</sup>	32,050	37	235	14.3	827.8	827.8	827.8	0.0	
AJ	32,279	54	495	6.8	831.5	831.5	831.5	0.0	
AK	32,560	153	720	4.7	831.6	831.6	832.5	0.9	
AL	34,060	113	409	8.2	838.5	838.5	838.5	0.0	
AM	35,060	221	997	3.4	845.7	845.7	846.4	0.7	
AN	36,260	131	447	7.1	852.2	852.2	852.3	0.1	

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

<sup>2</sup>Width extends beyond county boundary

<sup>3</sup>Lies entirely outside of county boundary

<b>TABLE 8</b>	<b>FEDERAL EMERGENCY MANAGEMENT AGENCY</b>	<b>FLOODWAY DATA</b>
<b>ALLEGHENY COUNTY, PA</b>		
<b>(ALL JURISDICTIONS)</b>		
<b>BIG SEWICKLEY CREEK</b>		

FLOODING SOURCE		FLOODWAY				BASE FLOOD WATER SURFACE ELEVATION			
CROSS SECTION	DISTANCE <sup>1</sup>	WIDTH (FEET)	SECTION AREA (SQUARE FEET)	MEAN VELOCITY (FEET PER SECOND)	REGULATORY (NAVD)	WITHOUT FLOODWAY (NAVD)	WITH FLOODWAY (NAVD)	INCREASE	
Boston Hollow Run									
A	974	7	*	*	748.4	748.3 <sup>2</sup>	749.1	0.8	
B	1,439	12	40	10.1	751.1	751.1	751.1	0.0	
C	1,899	16	46	10.0	762.6	762.6	763.5	0.9	
D	2,487	11	48	8.5	772.3	772.3	773.3	1.0	
E	3,095	8	29	10.8	786.2	786.2	786.4	0.2	
F	3,700	7	28	11.1	805.5	805.5	805.5	0.0	
G	4,171	12	66	4.7	824.2	824.2	824.2	0.0	
H	4,673	9	30	10.4	838.6	838.6	838.8	0.2	
I	5,369	13	32	8.9	853.7	853.7	853.7	0.0	
J	6,069	7	22	10.6	888.6	888.6	888.6	0.0	
Boyd's Hollow Run									
A	721	23	*	*	761.4	761.3 <sup>2</sup>	762.3	1.0	
B	1,190	17	76	5.5	764.1	764.1	764.5	0.4	
C	1,770	16	44	9.5	774.6	774.6	774.6	0.0	
D	2,440	21	75	5.6	797.4	797.4	798.0	0.6	
E	2,840	15	43	9.8	804.7	804.7	804.7	0.0	

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

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

\* Data not computed

FEDERAL EMERGENCY MANAGEMENT AGENCY

ALLEGHENY COUNTY, PA  
(ALL JURISDICTIONS)

FLOODWAY DATA

BOSTON HOLLOW RUN - BOYD'S HOLLOW RUN

TABLE 8

FLOODING SOURCE		FLOODWAY				BASE FLOOD WATER SURFACE ELEVATION			
CROSS SECTION	DISTANCE	WIDTH (FEET)	SECTION AREA (SQUARE FEET)	MEAN VELOCITY (FEET PER SECOND)	REGULATORY (NAVD)	WITHOUT FLOODWAY (NAVD)	WITH FLOODWAY (NAVD)	INCREASE	
Brush Creek 1									
A	670 <sup>1</sup>	145	2,459	4.1	776.4	776.4	777.4	1.0	
B	1,406 <sup>1</sup>	385	4,799	2.1	777.6	777.6	778.6	1.0	
C	2,269 <sup>1</sup>	403	4,221	2.4	777.9	777.9	778.9	1.0	
Brush Creek 2									
A	530 <sup>2</sup>	319	1,233	2.3	1,024.6	1,024.6	1,025.6	1.0	
B	2,238 <sup>2</sup>	133	644	4.3	1,029.8	1,029.8	1,030.6	0.8	
C	2,810 <sup>2</sup>	88	792	3.5	1,034.1	1,034.1	1,034.5	0.4	
D	4,110 <sup>2</sup>	379	1,410	1.8	1,035.3	1,035.3	1,036.1	0.8	
E	4,810 <sup>2</sup>	211	732	3.4	1,037.0	1,037.0	1,037.8	0.8	
F	5,910 <sup>2</sup>	46	275	9.1	1,040.1	1,040.1	1,040.9	0.8	
G	7,039 <sup>2</sup>	46	471	4.9	1,052.4	1,052.4	1,052.4	0.0	
H	7,375 <sup>2</sup>	122	1,480	1.6	1,057.4	1,057.4	1,057.4	0.0	
I	8,475 <sup>2</sup>	109	1,019	2.3	1,057.5	1,057.5	1,057.6	0.1	
J	9,300 <sup>2</sup>	132	901	2.6	1,057.6	1,057.6	1,058.2	0.6	
K	9,856 <sup>2</sup>	124	861	2.7	1,060.6	1,060.6	1,060.9	0.3	
L	10,286 <sup>2</sup>	116	735	3.1	1,060.7	1,060.7	1,061.4	0.7	
M	10,579 <sup>2</sup>	117	767	2.6	1,063.2	1,063.2	1,063.9	0.7	
N	11,229 <sup>2</sup>	154	884	2.3	1,063.6	1,063.6	1,064.5	0.9	
O	11,589 <sup>2</sup>	124	489	4.1	1,064.3	1,064.3	1,065.1	0.8	
P	12,239 <sup>2</sup>	71	451	4.4	1,068.4	1,068.4	1,069.2	0.8	

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

<sup>2</sup> Feet above County Boundary

FEDERAL EMERGENCY MANAGEMENT AGENCY		FLOODWAY DATA	
ALLEGHENY COUNTY, PA (ALL JURISDICTIONS)		BRUSH CREEK 1 – BRUSH CREEK 2	
TABLE 8			

FLOODING SOURCE		FLOODWAY				BASE FLOOD WATER SURFACE ELEVATION			
CROSS SECTION	DISTANCE	WIDTH (FEET)	SECTION AREA (SQUARE FEET)	MEAN VELOCITY (FEET PER SECOND)	REGULATORY (NAVD)	WITHOUT FLOODWAY (NAVD)	WITH FLOODWAY (NAVD)	INCREASE	
<b>Bull Creek</b>									
A	5,322 <sup>1</sup>	106	669	10.0	757.3	757.3	757.6	0.3	
B	9,604 <sup>1</sup>	308	1,354	5.7	775.4	775.4	776.2	0.8	
C	13,000 <sup>1</sup>	270	1,593	4.9	792.5	792.5	793.2	0.7	
D	16,495 <sup>1</sup>	478	3,181	2.4	806.1	806.1	806.5	0.4	
E	18,654 <sup>1</sup>	312	2,441	3.2	810.8	810.8	810.9	0.1	
F	22,493 <sup>1</sup>	398	1,955	4.0	815.8	815.8	816.5	0.7	
G	27,176 <sup>1</sup>	338	2,157	3.2	829.2	829.2	829.5	0.3	
H	29,980 <sup>1</sup>	363	2,110	3.3	834.2	834.2	835.2	1.0	
I	35,117 <sup>1</sup>	81	504	8.7	850.7	850.7	851.5	0.8	
J	37,668 <sup>1</sup>	171	762	5.7	867.9	867.9	868.4	0.5	
K	40,197 <sup>1</sup>	103	768	5.7	885.3	885.3	885.3	0.0	
<b>Campbells Run</b>									
A	151 <sup>2</sup>	20	133	20.3	766.3	765.4 <sup>3</sup>	765.4	0.0	
B	1,166 <sup>2</sup>	42	107	25.1	771.7	771.7	771.7	0.0	
C	1,749 <sup>2</sup>	103	699	4.9	784.2	784.2	785.1	0.9	
D	2,449 <sup>2</sup>	46	287	9.4	788.1	788.1	788.7	0.6	
E	3,049 <sup>2</sup>	41	249	10.8	794.9	794.9	795.1	0.2	
F	4,007 <sup>2</sup>	80	326	7.6	815.2	815.2	815.2	0.0	
G	4,152 <sup>2</sup>	30	181	13.6	818.2	818.2	818.2	0.0	
H	4,627 <sup>2</sup>	48	267	9.2	826.2	826.2	826.6	0.4	
I	5,479 <sup>2</sup>	23	162	15.1	836.4	836.4	836.4	0.0	
J	8,044 <sup>2</sup>	22	227	6.6	876.6	876.6	877.6	1.0	
K	8,467 <sup>2</sup>	42	161	9.4	881.2	881.2	881.2	0.0	

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

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

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

**TABLE 8**

**FEDERAL EMERGENCY MANAGEMENT AGENCY**

**ALLEGHENY COUNTY, PA  
(ALL JURISDICTIONS)**

**FLOODWAY DATA**

**BULL CREEK - CAMPBELLS RUN**

FLOODING SOURCE		FLOODWAY				BASE FLOOD WATER SURFACE ELEVATION			
CROSS SECTION	DISTANCE <sup>1</sup>	WIDTH (FEET)	SECTION AREA (SQUARE FEET)	MEAN VELOCITY (FEET PER SECOND)	REGULATORY (NAVD)	WITHOUT FLOODWAY (NAVD)	WITH FLOODWAY (NAVD)	INCREASE	
Campbells Run (Continued)									
L	8,904	32	135	11.1	889.5	889.5	889.5	0.0	
M	9,473	76	399	3.8	894.2	894.2	895.0	0.8	
N	9,758	77	284	5.3	897.7	897.7	898.4	0.7	
O	10,252	85	215	7.0	904.9	904.9	904.9	0.0	
P	10,736	69	322	4.7	913.0	913.0	913.7	0.7	
Q	11,010	25	177	8.6	915.4	915.4	916.4	1.0	
R	12,080	35	142	10.6	928.3	928.3	928.3	0.0	
S	13,350	24	187	8.1	954.4	954.4	955.1	0.7	
T	14,579	88	803	1.9	972.3	972.3	972.7	0.4	
U	15,464	29	148	6.8	975.2	975.2	976.1	0.9	
V	16,204	23	101	10.0	980.7	980.7	980.7	0.0	
W	16,529	25	95	10.7	986.6	986.6	986.6	0.0	
X	16,741	30	139	7.3	989.4	989.4	989.9	0.5	
Y	17,140	37	165	6.1	991.2	991.2	991.7	0.5	
Z	17,529	55	182	5.6	994.4	994.4	995.0	0.6	
AA	18,019	76	312	3.2	1,000.3	1,000.3	1,000.7	0.4	
AB	18,391	70	177	5.7	1,004.6	1,004.6	1,004.7	0.1	
AC	18,496	35	125	8.1	1,005.8	1,005.8	1,005.8	0.0	
AD	19,201	53	224	4.5	1,013.1	1,013.1	1,013.8	0.7	
AE	20,103	53	268	2.3	1,018.7	1,018.7	1,019.6	0.9	
AF	20,357	15	77	8.0	1,019.9	1,019.9	1,020.7	0.8	
AG	20,666	16	103	6.0	1,027.0	1,027.0	1,027.1	0.1	
AH	22,126	26	88	7.0	1,042.3	1,042.3	1,043.1	0.8	

<sup>1</sup>Feet above confluence Chartiers Creek

**TABLE 8**

FEDERAL EMERGENCY MANAGEMENT AGENCY

**ALLEGHENY COUNTY, PA  
(ALL JURISDICTIONS)**

**FLOODWAY DATA**

**CAMPBELLS RUN**



FLOODING SOURCE		FLOODWAY				BASE FLOOD WATER SURFACE ELEVATION			
CROSS SECTION	DISTANCE	WIDTH (FEET)	SECTION AREA (SQUARE FEET)	MEAN VELOCITY (FEET PER SECOND)	REGULATORY (NAVD)	WITHOUT FLOODWAY (NAVD)	WITH FLOODWAY (NAVD)	INCREASE	
Campbells Run (Continued)	23,076 <sup>1</sup>	35	86	7.1	1,055.9	1,055.9	1,056.0	0.1	
	24,158 <sup>1</sup>	20	180	3.4	1,077.3	1,077.3	1,078.2	0.9	
	25,103 <sup>1</sup>	19	60	10.2	1,086.7	1,086.7	1,086.7	0.0	
Chalfant Run	664 <sup>2</sup>	37	258	8.6	790.8	790.8	790.8	0.0	
	1,284 <sup>2</sup>	39	221	10.0	792.2	792.2	792.9	0.7	
	1,944 <sup>2</sup>	45	180	12.3	799.8	799.8	799.8	0.0	
	2,134 <sup>2</sup>	100	676	3.4	807.4	807.4	808.3	0.9	
	2,684 <sup>2</sup>	57	318	6.9	813.3	813.3	813.3	0.0	
	3,444 <sup>2</sup>	65	201	11.0	821.8	821.8	821.8	0.0	
	3,994 <sup>2</sup>	36	179	12.3	831.8	831.8	831.8	0.0	
	4,740 <sup>2</sup>	49	193	11.4	843.6	843.6	843.6	0.0	
	5,313 <sup>2</sup>	165	1,257	1.8	856.8	856.8	857.7	0.9	
Chartiers Creek	2,376 <sup>3</sup>	400	7,160	3.0	729.9	729.9	730.5	0.6	
	2,957 <sup>3</sup>	400	6,730	3.2	730.0	730.0	730.7	0.7	
	3,643 <sup>3</sup>	300	4,720	4.6	730.1	730.1	730.9	0.8	
	4,330 <sup>3</sup>	300	4,870	4.4	730.5	730.5	731.3	0.8	
	5,174 <sup>3</sup>	200	3,170	6.8	730.6	730.6	731.4	0.8	
	6,336 <sup>3</sup>	300	5,600	3.8	731.8	731.8	732.5	0.7	
	7,128 <sup>3</sup>	200	3,710	5.8	732.2	732.2	732.8	0.6	

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

<sup>2</sup> Feet above confluence with Thompson Run

<sup>3</sup> Feet above confluence with Ohio River

FEDERAL EMERGENCY MANAGEMENT AGENCY

ALLEGHENY COUNTY, PA  
(ALL JURISDICTIONS)

FLOODWAY DATA

CAMPBELLS RUN - CHALFANT RUN - CHARTIERS CREEK

TABLE 8

FLOODING SOURCE		FLOODWAY				BASE FLOOD WATER SURFACE ELEVATION			
CROSS SECTION	DISTANCE <sup>1</sup>	WIDTH (FEET)	SECTION AREA (SQUARE FEET)	MEAN VELOCITY (FEET PER SECOND)	REGULATORY (NAVD)	WITHOUT FLOODWAY (NAVD)	WITH FLOODWAY (NAVD)	INCREASE	
Chartiers Creek (Continued)									
H	12,566	200	3,890	5.6	734.4	734.4	735.1	0.7	
I	15,998	170	3,065	7.0	736.5	736.5	737.4	0.9	
J	17,793	170	2,893	7.4	737.6	737.6	738.4	0.8	
K	18,533	180	2,570	8.4	738.1	738.1	739.1	1.0	
L	19,114	156	2,542	8.6	738.7	738.7	739.6	0.9	
M	21,014	90	1,338	16.1	740.8	740.8	741.1	0.3	
N	21,490	170	2,550	8.4	745.5	745.5	745.6	0.1	
O	22,651	200	2,941	7.4	746.6	746.6	746.7	0.1	
P	23,232	205	3,244	6.7	747.0	747.0	747.1	0.1	
Q	23,866	200	3,062	7.0	747.3	747.3	747.4	0.1	
R	24,566	187	2,736	7.86	747.8	747.8	747.9	0.1	
S	26,366	168	2,764	7.78	749.0	749.0	749.1	0.1	
T	29,436	182	2,638	8.15	751.6	751.6	751.6	0.0	
U	31,944	*	2,412	8.9	753.7	753.7	753.7	0.0	
V	34,373	190	2,370	9.1	756.3	756.3	756.3	0.0	
W	34,795	*	2,020	10.7	756.7	756.7	756.7	0.0	
X	35,165	*	2,332	9.2	757.8	757.8	757.8	0.0	
Y	36,960	200	2,550	8.4	760.1	760.1	760.1	0.0	
Z	37,752	*	1,766	12.2	760.5	760.5	760.5	0.0	
AA	38,544	210	2,620	8.2	762.5	762.5	762.5	0.0	
AB	39,602	191	3,007	7.1	763.6	763.6	764.4	0.8	
AC	40,380	185	2,817	7.6	764.4	764.4	765.4	1.0	
AD	41,697	170	2,024	10.6	764.8	764.8	765.8	1.0	

<sup>1</sup> Feet above confluence with Ohio River  
\* Floodway coincident with channel banks

FEDERAL EMERGENCY MANAGEMENT AGENCY  
**ALLEGHENY COUNTY, PA**  
(ALL JURISDICTIONS)

**FLOODWAY DATA**

**CHARTIERS CREEK**

**TABLE 8**

FLOODING SOURCE		FLOODWAY				BASE FLOOD WATER SURFACE ELEVATION			
CROSS SECTION	DISTANCE <sup>1</sup>	WIDTH (FEET)	SECTION AREA (SQUARE FEET)	MEAN VELOCITY (FEET PER SECOND)	REGULATORY (NAVD)	WITHOUT FLOODWAY (NAVD)	WITH FLOODWAY (NAVD)	INCREASE	
Chartiers Creek (Continued)									
AE	42,607	143	2,000	10.7	765.7	765.7	766.5	0.8	
AF	43,872	155	2,216	9.7	768.9	768.9	769.4	0.5	
AG	44,802	160	2,344	9.2	769.7	769.7	770.2	0.5	
AH	45,890	147	2,204	9.8	771.1	771.1	771.4	0.3	
AI	46,914	176	2,486	7.6	772.1	772.1	772.3	0.2	
AJ	48,027	141	2,070	10.4	773.6	773.6	773.8	0.2	
AK	48,933	146	2,337	9.2	775.7	775.7	776.5	0.8	
AL	49,911	156	2,420	8.8	777.0	777.0	777.2	0.2	
AM	50,891	133	2,137	9.9	777.9	777.9	778.0	0.1	
AN	51,681	156	2,626	8.1	779.8	779.8	780.6	0.8	
AO	53,461	139	2,348	9.0	781.4	781.4	782.1	0.7	
AP	54,611	158	2,542	8.3	782.8	782.8	783.4	0.6	
AQ	56,121	131	2,089	10.1	784.3	784.3	784.8	0.5	
AR	57,552	132	2,298	9.2	786.2	786.2	786.6	0.4	
AS	57,961	145	2,500	8.5	786.9	786.9	787.4	0.5	
AT	59,461	186	2,856	7.4	789.1	789.1	789.4	0.3	
AU	60,161	155	1,972	1.3	791.2	791.2	791.5	0.3	
AV	60,576	299	4,358	0.6	791.2	791.2	791.5	0.3	
AW	62,076	169	1,554	1.6	791.2	791.2	791.5	0.3	
AX	63,697	78	648	3.8	791.6	791.6	791.9	0.3	
AY	64,410	109	871	2.8	792.0	792.0	792.2	0.2	
AZ	64,620	104	745	3.3	792.0	792.0	792.2	0.2	
BA	66,237	120	646	6.8	793.5	793.5	793.6	0.1	

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

TABLE 8

FEDERAL EMERGENCY MANAGEMENT AGENCY

ALLEGHENY COUNTY, PA  
(ALL JURISDICTIONS)

FLOODWAY DATA

CHARTIERS CREEK

FLOODING SOURCE		FLOODWAY				BASE FLOOD WATER SURFACE ELEVATION			
CROSS SECTION	DISTANCE <sup>1</sup>	WIDTH (FEET)	SECTION AREA (SQUARE FEET)	MEAN VELOCITY (FEET PER SECOND)	REGULATORY (NAVD)	WITHOUT FLOODWAY (NAVD)	WITH FLOODWAY (NAVD)	INCREASE	
Chartiers Creek (Continued)	67,281	100	601	4.1	794.2	794.2	794.3	0.1	
BB	76,195	144	846	2.9	803.1	803.1	803.5	0.4	
BC-BH*	77,500	150	2,481	8.5	814.3	814.3	814.3	0.0	
BI	79,183	317	3,037	7.0	816.4	816.4	816.4	0.0	
BJ	80,178	162	2,448	8.2	817.0	817.0	817.1	0.1	
BK	81,238	208	2,691	7.4	817.7	817.7	818.0	0.3	
BL	82,218	174	2,421	8.3	818.4	818.4	818.7	0.3	
BM	83,073	162	2,134	8.8	819.1	819.1	819.4	0.3	
BN	83,703	141	2,027	9.2	819.8	819.8	820.1	0.3	
BO	84,290	181	2,198	8.5	820.7	820.7	820.9	0.2	
BP	86,930	169	2,132	8.8	825.3	825.3	825.4	0.1	
BQ	89,119	183	2,623	7.1	832.5	832.5	832.6	0.1	
BR	90,144	521	6,299	3.0	833.6	833.6	833.7	0.1	
BS	91,089	532	5,996	3.1	833.9	833.9	834.1	0.2	
BT	92,254	538	4,929	3.8	834.4	834.4	834.9	0.5	
BU	93,594	725	7,265	2.6	835.4	835.4	836.3	0.9	
BV	94,454	750	6,121	3.1	835.9	835.9	836.7	0.8	
BW	95,424	688	6,523	2.9	837.0	837.0	837.6	0.6	
BX	96,409	482	4,708	4.0	837.6	837.6	838.3	0.7	
BY	97,439	276	2,623	7.1	838.0	838.0	839.0	1.0	
BZ	98,958	585	6,752	2.8	842.7	842.7	843.6	0.9	

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

\* Cross section data not available

TABLE 8

FEDERAL EMERGENCY MANAGEMENT AGENCY

ALLEGHENY COUNTY, PA  
(ALL JURISDICTIONS)

FLOODWAY DATA

CHARTIERS CREEK

FLOODING SOURCE		FLOODWAY				BASE FLOOD WATER SURFACE ELEVATION			
CROSS SECTION	DISTANCE	WIDTH (FEET)	SECTION AREA (SQUARE FEET)	MEAN VELOCITY (FEET PER SECOND)	REGULATORY (NAVD)	WITHOUT FLOODWAY (NAVD)	WITH FLOODWAY (NAVD)	INCREASE	
Chartiers Creek (Continued)									
CC	99,760 <sup>1</sup>	589	6,228	3.0	843.2	843.2	844.1	0.9	
CD	100,605 <sup>1</sup>	622	6,469	2.9	843.8	843.8	844.6	0.8	
CE	101,400 <sup>1</sup>	676	6,351	2.9	844.1	844.1	844.9	0.8	
CF	102,370 <sup>1</sup>	702	6,768	2.8	844.5	844.5	845.4	0.9	
CG	103,412 <sup>1</sup>	573	4,444	4.2	845.1	845.1	846.1	1.0	
CH	104,372 <sup>1</sup>	465	3,847	4.9	846.5	846.5	847.4	0.9	
CI	105,382 <sup>1</sup>	574	5,531	3.4	848.3	848.3	848.9	0.6	
CJ	107,482 <sup>1</sup>	336	4,793	3.9	853.9	853.9	854.7	0.8	
CK	108,287 <sup>1</sup>	451	5,803	3.2	854.5	854.5	855.3	0.8	
CL	109,357 <sup>1</sup>	867	10,348	1.8	855.1	855.1	855.9	0.8	
CM	111,643 <sup>1</sup>	763	10,709	1.7	859.1	859.1	859.9	0.8	
CN	112,776 <sup>1</sup>	835	10,183	1.8	859.2	859.2	860.1	0.9	
Crooked Run									
A	840 <sup>2</sup>	20	108	13.3	801.0	801.0	801.1	0.1	
B	1,205 <sup>2</sup>	19	112	13.4	808.7	808.7	808.7	0.0	
C	1,692 <sup>2</sup>	18	121	12.5	815.1	815.1	815.1	0.0	
D	2,408 <sup>2</sup>	33	113	10.4	822.8	822.8	822.8	0.0	
E	3,768 <sup>2</sup>	28	162	6.3	842.6	842.6	843.5	0.9	
F	3,974 <sup>2</sup>	35	247	3.9	847.0	847.0	847.5	0.5	
G	4,821 <sup>2</sup>	35	163	5.9	864.8	864.8	865.0	0.2	

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

<sup>2</sup> Feet above Fifth Avenue Culvert at Lincoln Way

TABLE 8

FEDERAL EMERGENCY MANAGEMENT AGENCY

ALLEGHENY COUNTY, PA  
(ALL JURISDICTIONS)

FLOODWAY DATA

CHARTIERS CREEK-CROOKED RUN

FLOODING SOURCE		FLOODWAY				BASE FLOOD WATER SURFACE ELEVATION			
CROSS SECTION	DISTANCE	WIDTH (FEET)	SECTION AREA (SQUARE FEET)	MEAN VELOCITY (FEET PER SECOND)	REGULATORY (NAVD)	WITHOUT FLOODWAY (NAVD)	WITH FLOODWAY (NAVD)	INCREASE	
Crouse Run	437 <sup>1</sup>	141	748	3.5	891.0	891.0	892.0	1.0	
	850 <sup>1</sup>	47	240	11.5	891.8	891.8	892.4	0.6	
	1,451 <sup>1</sup>	226	1,038	2.9	896.9	896.9	897.9	1.0	
	1,950 <sup>1</sup>	38	188	12.7	900.6	900.6	901.5	0.9	
	12,610 <sup>1</sup>	28	136	9.7	1,003.3	1,003.3	1,003.9	0.6	
	13,401 <sup>1</sup>	30	160	5.2	1,016.8	1,016.8	1,017.3	0.5	
	14,114 <sup>1</sup>	26	102	8.2	1,022.4	1,022.4	1,022.8	0.4	
	14,663 <sup>1</sup>	50	191	6.3	1,030.2	1,030.2	1,030.9	0.7	
	15,113 <sup>1</sup>	35	138	7.0	1,034.2	1,034.2	1,035.0	0.8	
Crouse Run Tributary	300 <sup>2</sup>	20	65	10.9	1,017.0	1,017.0	1,017.0	0.0	
	681 <sup>2</sup>	22	130	5.5	1,027.0	1,027.0	1,027.0	0.0	
Deer Creek	43,877 <sup>3</sup>	230	1,187	5.1	864.5	864.5	865.4	0.9	
	45,989 <sup>3</sup>	196	1,269	4.7	874.1	874.1	875.1	1.0	
	48,787 <sup>3</sup>	219	1,177	5.1	885.3	885.3	885.9	0.6	
	50,794 <sup>3</sup>	106	754	8.0	892.4	892.4	893.1	0.7	
	52,430 <sup>3</sup>	162	1,361	4.4	900.8	900.8	900.9	0.1	
	54,014 <sup>3</sup>	186	952	6.3	903.5	903.5	904.2	0.7	
	55,282 <sup>3</sup>	163	1,673	3.6	910.4	910.4	911.4	1.0	

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

<sup>2</sup> Feet above confluence with Crouse Run

<sup>3</sup> Feet above confluence with Allegheny River

**TABLE 8**  
**FEDERAL EMERGENCY MANAGEMENT AGENCY**  
**ALLEGHENY COUNTY, PA**  
**(ALL JURISDICTIONS)**

**FLOODWAY DATA**  
**CROUSE RUN - CROUSE RUN TRIBUTARY - DEER CREEK**

FLOODING SOURCE		FLOODWAY				BASE FLOOD WATER SURFACE ELEVATION			
CROSS SECTION	DISTANCE	WIDTH (FEET)	SECTION AREA (SQUARE FEET)	MEAN VELOCITY (FEET PER SECOND)	REGULATORY (NAVD)	WITHOUT FLOODWAY (NAVD)	WITH FLOODWAY (NAVD)	INCREASE	
Deer Creek (Continued)	57,816 <sup>1</sup>	215	1,754	3.4	923.4	923.4	923.9	0.5	
	59,136 <sup>1</sup>	222	1,448	2.8	924.0	924.0	924.8	0.8	
	60,984 <sup>1</sup>	69	571	7.1	930.2	930.2	930.2	0.0	
Dirty Camp Run	1,822 <sup>2</sup>	73	523	3.2	785.7	785.7	786.7	1.0	
	2,597 <sup>2</sup>	84	456	3.7	792.1	792.1	793.0	0.9	
	3,574 <sup>2</sup>	40	165	10.2	800.9	800.9	800.9	0.0	
	4,508 <sup>2</sup>	31	113	11.0	816.5	816.5	816.5	0.0	
	5,558 <sup>2</sup>	26	123	10.1	830.2	830.2	830.2	0.0	
	6,260 <sup>2</sup>	33	142	8.7	842.3	842.3	842.3	0.0	
	6,955 <sup>2</sup>	35	116	10.7	852.9	852.9	852.9	0.0	
	7,805 <sup>2</sup>	31	126	9.8	868.8	868.8	868.8	0.0	
	8,605 <sup>2</sup>	25	121	10.3	881.5	881.5	881.7	0.2	
Douglass Run	606 <sup>3</sup>	61	*	*	765.0 <sup>4</sup>	*	*	*	
	1,194 <sup>3</sup>	66	*	*	765.0 <sup>4</sup>	*	*	*	
	1,621 <sup>3</sup>	54	*	*	765.0 <sup>4</sup>	*	*	*	
	2,189 <sup>3</sup>	48	*	*	765.0 <sup>4</sup>	*	*	*	
	2,687 <sup>3</sup>	56	293	9.3	766.5	766.5	767.5	1.0	

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

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

<sup>3</sup> Feet above confluence with Youghiogheny River

<sup>4</sup> Elevation computed includes backwater effects from Youghiogheny River

\*Data not computed

FEDERAL EMERGENCY MANAGEMENT AGENCY

ALLEGHENY COUNTY, PA  
(ALL JURISDICTIONS)

FLOODWAY DATA

DEER CREEK - DIRTY CAMP RUN - DOUGLASS RUN

TABLE 8

FLOODING SOURCE		FLOODWAY				BASE FLOOD WATER SURFACE ELEVATION			
CROSS SECTION	DISTANCE <sup>1</sup>	WIDTH (FEET)	SECTION AREA (SQ. FEET)	MEAN VELOCITY (FEET PER SECOND)	REGULATORY (NAVD)	WITHOUT FLOODWAY (NAVD)	WITH FLOODWAY (NAVD)	INCREASE	
Douglass Run (Continued)									
F	3,225	62	282	8.0	771.5	771.5	772.4	0.9	
G	3,692	32	204	8.2	774.5	774.5	775.5	1.0	
H	4,264	38	171	9.8	781.5	781.5	781.5	0.0	
I	4,769	23	152	11.2	787.4	787.4	787.9	0.5	
J	5,272	16	86	13.3	794.7	794.7	795.5	0.8	
K	6,052	38	182	8.1	806.7	806.7	807.5	0.8	
L	6,468	27	108	11.4	812.2	812.2	813.2	1.0	
M	6,952	34	183	5.9	820.5	820.5	821.2	0.7	
N	7,554	15	81	13.3	829.3	829.3	829.6	0.3	
O	8,328	15	81	13.3	849.1	849.1	849.1	0.0	
P	8,890	16	115	8.4	859.6	859.6	859.8	0.2	
Q	9,640	10	48	12.5	871.6	871.6	871.6	0.0	
R	10,305	13	61	9.8	882.9	882.9	883.7	0.8	
S	10,770	13	65	9.2	891.9	891.9	892.9	1.0	
T	11,325	13	61	9.8	900.6	900.6	901.2	0.6	
U	11,790	61	154	5.1	906.9	906.9	907.9	1.0	
V	12,315	16	56	10.7	917.0	917.0	917.2	0.2	
W	13,015	16	60	11.3	928.4	928.4	929.4	1.0	
X	13,615	21	61	9.8	936.7	936.7	936.7	0.0	
Y	14,252	9	24	9.4	949.4	949.4	949.4	0.0	
Z	14,652	18	58	3.9	961.2	961.2	962.0	0.8	

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

**FLOODWAY DATA**

FEDERAL EMERGENCY MANAGEMENT AGENCY

**ALLEGHENY COUNTY, PA  
(ALL JURISDICTIONS)**

**DOUGLASS RUN**

**TABLE 8**



FLOODING SOURCE		FLOODWAY				BASE FLOOD WATER SURFACE ELEVATION			
CROSS SECTION	DISTANCE	WIDTH (FEET)	SECTION AREA (SQUARE FEET)	MEAN VELOCITY (FEET PER SECOND)	REGULATORY (NAVD)	WITHOUT FLOODWAY (NAVD)	WITH FLOODWAY (NAVD)	INCREASE	
Douglass Run (Continued)									
AA	15,264 <sup>1</sup>	9	29	7.8	975.2	975.2	975.5	0.3	
AB	15,732 <sup>1</sup>	8	24	9.6	987.2	987.2	987.2	0.0	
AC	16,150 <sup>1</sup>	9	24	9.4	997.5	997.5	997.7	0.2	
AD	16,526 <sup>1</sup>	8	29	8.1	1,007.2	1,007.2	1,007.8	0.6	
Douglass Run Tributary No 1									
A	441 <sup>2</sup>	16	67	11.4	792.9	792.9	793.9	1.0	
B	963 <sup>2</sup>	27	102	7.5	804.5	804.5	805.4	0.9	
C	1,463 <sup>2</sup>	17	83	11.4	811.5	811.5	812.4	0.9	
D	1,963 <sup>2</sup>	16	78	10.1	819.3	819.3	820.1	0.8	
E	2,463 <sup>2</sup>	8	50	14.0	829.4	829.4	830.0	0.6	
F	3,202 <sup>2</sup>	21	98	9.0	844.4	844.4	845.2	0.8	
Douglass Run Tributary No 2									
A	500 <sup>2</sup>	17	43	8.4	956.3	956.3	956.3	0.0	
East Thompson Run									
A	811 <sup>3</sup>	22	140	10.2	883.4	883.4	884.4	1.0	

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

<sup>2</sup> Feet above confluence with Douglass Run

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

FEDERAL EMERGENCY MANAGEMENT AGENCY

ALLEGHENY COUNTY, PA  
(ALL JURISDICTIONS)

FLOODWAY DATA

DOUGLASS RUN - DOUGLASS RUN TRIBUTARY NO 1 - DOUGLASS RUN  
TRIBUTARY NO 2 - EAST THOMPSON RUN

TABLE 8

FLOODING SOURCE		FLOODWAY				BASE FLOOD WATER SURFACE ELEVATION			
CROSS SECTION	DISTANCE	WIDTH (FEET)	SECTION AREA (SQUARE FEET)	MEAN VELOCITY (FEET PER SECOND)	REGULATORY (NAVD)	WITHOUT FLOODWAY (NAVD)	WITH FLOODWAY (NAVD)	INCREASE	
East Thompson Run (Continued)									
B	1,599 <sup>1</sup>	23	126	11.1	893.5	893.5	893.5	0.0	
C	2,320 <sup>1</sup>	57	388	3.6	907.9	907.9	907.9	0.0	
D	2,994 <sup>1</sup>	43	138	10.1	913.1	913.1	913.1	0.0	
E	3,555 <sup>1</sup>	59	159	8.8	924.6	924.6	924.6	0.0	
F	4,261 <sup>1</sup>	29	177	7.9	934.0	934.0	934.9	0.9	
G	4,673 <sup>1</sup>	20	153	9.2	938.1	938.1	939.1	1.0	
H	5,156 <sup>1</sup>	31	161	6.6	943.6	943.6	944.3	0.7	
I	6,065 <sup>1</sup>	43	190	6.1	953.6	953.6	954.5	0.9	
J	6,741 <sup>1</sup>	31	147	7.4	960.9	960.9	961.4	0.5	
Fallen Timber Run									
A	2,914 <sup>2</sup>	36	102	8.0	754.5	754.5	755.3	0.8	
B	3,466 <sup>2</sup>	28	129	8.5	762.3	762.3	762.4	0.1	
C	3,945 <sup>2</sup>	28	164	6.7	771.8	771.8	772.1	0.3	
D	4,672 <sup>2</sup>	27	100	11.0	778.3	778.3	778.3	0.0	
E	5,261 <sup>2</sup>	20	107	10.3	786.5	786.5	786.5	0.0	
F	5,918 <sup>2</sup>	31	116	9.5	792.2	792.2	792.2	0.0	
G	6,518 <sup>2</sup>	32	135	8.1	800.3	800.3	800.4	0.1	
H	7,179 <sup>2</sup>	25	155	10.9	808.0	808.0	808.0	0.0	
I	7,601 <sup>2</sup>	32	135	7.7	814.4	814.4	814.5	0.1	
J	8,148 <sup>2</sup>	29	120	9.1	820.7	820.7	820.7	0.0	
K	8,795 <sup>2</sup>	24	85	10.7	830.0	830.0	830.0	0.0	

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

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

TABLE 8

FEDERAL EMERGENCY MANAGEMENT AGENCY

ALLEGHENY COUNTY, PA  
(ALL JURISDICTIONS)

FLOODWAY DATA

EAST THOMPSON RUN - FALLEN TIMBER RUN

FLOODING SOURCE		FLOODWAY				BASE FLOOD WATER SURFACE ELEVATION			
CROSS SECTION	DISTANCE	WIDTH (FEET)	SECTION AREA (SQUARE FEET)	MEAN VELOCITY (FEET PER SECOND)	REGULATORY (NAVD)	WITHOUT FLOODWAY (NAVD)	WITH FLOODWAY (NAVD)	INCREASE	
Fallen Timber Run (Continued)	9,600 <sup>1</sup>	34	120	7.6	840.2	840.2	840.6	0.4	
	10,332 <sup>1</sup>	27	114	7.2	849.6	849.6	849.8	0.2	
	10,855 <sup>1</sup>	25	82	10.0	858.2	858.2	858.2	0.0	
Georges Run	784 <sup>2</sup>	128	2,266	0.6	816.1	816.1	816.7	0.6	
	1,170 <sup>2</sup>	115	1,141	1.1	816.3	816.3	816.9	0.6	
	1,489 <sup>2</sup>	42	381	3.4	816.5	816.5	817.1	0.6	
	1,984 <sup>2</sup>	37	259	5.0	828.6	828.6	829.0	0.4	
	2,444 <sup>2</sup>	23	106	12.2	834.5	834.5	834.7	0.2	
	3,083 <sup>2</sup>	95	386	3.4	852.6	852.6	852.7	0.1	
	3,528 <sup>2</sup>	20	101	12.9	858.8	858.8	858.8	0.0	
	4,049 <sup>2</sup>	67	64	5.6	876.4	876.4	876.6	0.2	
	4,452 <sup>2</sup>	87	70	5.1	888.3	888.3	888.3	0.0	
	4,920 <sup>2</sup>	27	211	5.2	894.2	894.2	894.8	0.6	
	5,650 <sup>2</sup>	24	97	11.4	905.2	905.2	905.2	0.0	
Gillespie Run	276 <sup>3</sup>	30	108	5.2	867.4	867.4	867.8	0.4	
	906 <sup>3</sup>	26	58	8.5	876.9	876.9	876.9	0.0	
	1,601 <sup>3</sup>	24	67	7.1	891.0	891.0	891.0	0.0	
	2,181 <sup>3</sup>	12	43	10.9	903.2	903.2	903.2	0.0	
	2,851 <sup>3</sup>	27	83	9.3	913.5	913.5	913.5	0.4	

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

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

<sup>3</sup> Feet above confluence with Douglass Run

FEDERAL EMERGENCY MANAGEMENT AGENCY

ALLEGHENY COUNTY, PA  
(ALL JURISDICTIONS)

FLOODWAY DATA

FALLEN TIMBER RUN - GEORGES RUN - GILLESPIE RUN

TABLE 8

FLOODING SOURCE		FLOODWAY				BASE FLOOD WATER SURFACE ELEVATION			
CROSS SECTION	DISTANCE	WIDTH (FEET)	SECTION AREA (SQUARE FEET)	MEAN VELOCITY (FEET PER SECOND)	REGULATORY (NAVD)	WITHOUT FLOODWAY (NAVD)	WITH FLOODWAY (NAVD)	INCREASE	
Gillespie Run (Continued)									
F	3,351 <sup>1</sup>	7	38	12.5	919.5	919.5	919.5	0.0	
G	3,971 <sup>1</sup>	14	57	8.3	930.7	930.7	931.6	0.9	
H	4,541 <sup>1</sup>	15	52	10.7	943.1	946.1	943.6	0.5	
I	5,241 <sup>1</sup>	16	60	8.9	954.3	954.3	954.8	0.5	
J	5,806 <sup>1</sup>	14	54	11.3	963.3	963.3	963.3	0.0	
K	6,372 <sup>1</sup>	18	43	9.4	973.0	973.0	973.0	0.0	
L	6,882 <sup>1</sup>	19	29	7.9	985.5	985.5	985.5	0.0	
M	7,467 <sup>1</sup>	18	30	7.9	999.1	999.1	999.1	0.0	
N	7,987 <sup>1</sup>	17	33	7.6	1,018.1	1,018.1	1,018.1	0.0	
O	8,381 <sup>1</sup>	20	60	3.0	1,026.6	1,026.6	1,026.6	0.0	
P	8,831 <sup>1</sup>	20	34	5.3	1,034.9	1,034.9	1,035.0	0.1	
Q	9,380 <sup>1</sup>	8	40	4.5	1,050.1	1,050.1	1,050.1	0.0	
R	9,980 <sup>1</sup>	27	36	6.1	1,069.0	1,069.0	1,069.4	0.4	
S	10,615 <sup>1</sup>	6	22	8.0	1,079.5	1,079.5	1,079.8	0.3	
T	11,260 <sup>1</sup>	32	162	1.1	1,091.8	1,091.8	1,092.8	1.0	
U	11,650 <sup>1</sup>	8	23	9.9	1,098.7	1,098.7	1,098.7	0.0	
Girty's Run									
A	864 <sup>2</sup>	61	653	6.0	733.5	733.5	733.5	0.0	
B	1,430 <sup>2</sup>	191	469	8.7	735.2	735.2	735.4	0.2	
C	1,648 <sup>2</sup>	110	741	6.8	736.6	736.6	736.9	0.3	
D	2,030 <sup>2</sup>	40	465	8.7	738.8	738.8	739.0	0.2	
E	2,213 <sup>2</sup>	106	983	4.0	740.3	740.3	740.5	0.2	

<sup>1</sup> Feet above confluence with Douglass Run

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

FEDERAL EMERGENCY MANAGEMENT AGENCY

ALLEGHENY COUNTY, PA  
(ALL JURISDICTIONS)

FLOODWAY DATA

GILLESPIE RUN - GIRTY'S RUN

TABLE 8

FLOODING SOURCE		FLOODWAY				BASE FLOOD WATER SURFACE ELEVATION			
CROSS SECTION	DISTANCE <sup>1</sup>	WIDTH (FEET)	SECTION AREA (SQUARE FEET)	MEAN VELOCITY (FEET PER SECOND)	REGULATORY (NAVD)	WITHOUT FLOODWAY (NAVD)	WITH FLOODWAY (NAVD)	INCREASE	
Girty's Run (Continued)									
F	2,430	131	1475	2.7	740.6	740.6	740.7	0.1	
G	2,897	412	769	5.3	742.6	742.6	742.7	0.1	
H	4,429	155	438	9.6	750.9	750.9	750.9	0.0	
I	4,623	67	474	8.4	750.9	750.9	751.7	0.8	
J	4,872	24	269	14.3	751.2	751.2	752.0	0.8	
K	5,736	43	402	9.6	759.2	759.2	759.3	0.1	
L	5,922	55	323	13.3	760.2	760.2	760.2	0.0	
M	6,055	68	609	6.5	763.9	763.9	763.9	0.0	
N	6,956	127	436	9.9	767.0	767.0	767.2	0.2	
O	7,372	291	628	6.6	771.0	771.0	771.1	0.1	
P	8,128	40	361	10.7	777.9	777.9	777.9	0.0	
Q	8,481	34	266	14.4	778.1	778.1	778.2	0.1	
R	9,672	34	353	11.3	791.7	791.7	791.7	0.0	
S	9,843	63	404	9.6	792.9	792.9	792.9	0.0	
T	10,436	36	305	12.6	795.2	795.2	795.2	0.0	
U	11,170	34	310	12.4	800.3	800.3	800.3	0.1	
V	11,670	67	491	7.1	805.8	805.8	806.2	0.4	
W	12,170	47	521	6.7	812.5	812.5	812.7	0.2	
X	12,645	41	480	7.3	817.7	817.7	817.7	0.0	
Y	13,045	44	298	11.8	818.8	818.8	819.6	0.8	
Z	13,608	45	461	7.6	828.9	828.9	829.1	0.2	
AA	14,020	52	441	8.0	831.0	831.0	831.5	0.5	
AB	14,985	63	357	9.83	838.9	838.9	839.9	1.0	

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

TABLE 8

FEDERAL EMERGENCY MANAGEMENT AGENCY

ALLEGHENY COUNTY, PA  
(ALL JURISDICTIONS)

FLOODWAY DATA

GIRTY'S RUN

FLOODING SOURCE		FLOODWAY				BASE FLOOD WATER SURFACE ELEVATION			
CROSS SECTION	DISTANCE	WIDTH (FEET)	SECTION AREA (SQUARE FEET)	MEAN VELOCITY (FEET PER SECOND)	REGULATORY FLOODWAY (NAVD)	WITHOUT FLOODWAY (NAVD)	WITH FLOODWAY (NAVD)	INCREASE	
Girty's Run (Continued)	20,935 <sup>1</sup>	140	782	3.31	890.2	890.2	890.5	0.3	
	26,041 <sup>1</sup>	102	211	6.29	935.1	935.1	935.6	0.5	
	27,873 <sup>1</sup>	28	125	6.50	959.8	959.8	960.4	0.6	
	30,117 <sup>1</sup>	70	368	2.20	982.8	982.8	983.8	1.0	
	32,345 <sup>1</sup>	74	165	4.91	999.7	999.7	1,000.1	0.4	
	34,378 <sup>1</sup>	88	345	2.35	1,016.0	1,016.0	1,017.0	1.0	
	35,724 <sup>1</sup>	23	123	6.57	1,027.0	1,027.0	1,028.0	0.8	
	37,704 <sup>1</sup>	125	298	1.48	1,054.7	1,054.7	1,055.6	0.9	
	41,147 <sup>1</sup>	29	91	4.84	1,091.3	1,091.3	1,092.3	1.0	
	Gourdhead Run	395 <sup>2</sup>	24	182	12.9	849.5	845.7 <sup>3</sup>	846.6	0.9
		1,135 <sup>2</sup>	70	368	6.6	853.7	853.7	854.5	0.8
1,700 <sup>2</sup>		89	452	5.2	858.2	858.2	858.9	0.7	
2,230 <sup>2</sup>		41	284	8.2	864.2	864.2	864.5	0.3	
2,300 <sup>2</sup>		36	241	9.7	864.2	864.2	864.8	0.6	
2,700 <sup>2</sup>		59	325	7.2	869.9	869.9	869.9	0.0	
3,300 <sup>1</sup>		52	288	8.1	879.8	879.8	879.9	0.1	
3,700 <sup>1</sup>		48	303	7.7	885.8	885.8	885.8	0.0	
4,300 <sup>1</sup>		36	202	11.6	893.1	893.1	893.1	0.0	
4,440 <sup>1</sup>		38	186	7.7	894.4	894.4	895.3	0.9	

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

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

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

FEDERAL EMERGENCY MANAGEMENT AGENCY

ALLEGHENY COUNTY, PA  
(ALL JURISDICTIONS)

FLOODWAY DATA

GIRTY'S RUN - GOURDHEAD RUN

TABLE 8

FLOODING SOURCE		FLOODWAY			BASE FLOOD WATER SURFACE ELEVATION				
CROSS SECTION	DISTANCE	WIDTH (FEET)	SECTION AREA (SQUARE FEET)	MEAN VELOCITY (FEET PER SECOND)	REGULATORY (NAVD)	WITHOUT FLOODWAY (NAVD)	WITH FLOODWAY (NAVD)	INCREASE	
Gourdhead Run (Continued)	5,000 <sup>1</sup>	42	166	8.6	904.1	904.1	904.4	0.3	
	5,400 <sup>1</sup>	33	145	9.9	909.5	909.5	910.1	0.6	
	6,020 <sup>1</sup>	42	195	7.4	916.6	916.6	917.4	0.8	
	6,470 <sup>1</sup>	31	210	3.3	927.0	927.0	927.0	0.0	
	7,305 <sup>1</sup>	24	103	6.7	942.4	942.4	943.1	0.7	
	8,000 <sup>1</sup>	22	96	7.2	957.8	957.8	958.7	0.9	
	8,950 <sup>1</sup>	35	115	6.1	975.4	975.4	976.3	0.9	
	9,650 <sup>1</sup>	24	103	6.8	988.6	988.6	989.6	1.0	
	Graesers Run	346 <sup>2</sup>	38	165	8.7	988.8	986.0 <sup>3</sup>	986.4	0.5
		640 <sup>2</sup>	25	126	11.5	988.8	988.8	988.9	0.1
934 <sup>2</sup>		43	194	7.4	991.9	991.9	992.3	0.5	
1,226 <sup>2</sup>		25	148	9.8	993.9	993.9	994.5	0.6	
1,477 <sup>2</sup>		39	175	8.3	996.2	996.2	996.2	0.0	
1,916 <sup>2</sup>		34	148	9.5	1,000.0	1,000.0	1,000.5	0.5	
2,241 <sup>2</sup>		36	132	10.6	1,003.4	1,003.4	1,003.4	0.0	
2,553 <sup>2</sup>		28	145	9.7	1,006.9	1,006.9	1,007.1	0.2	
2,792 <sup>2</sup>		38	305	4.6	1,011.9	1,011.9	1,012.7	0.9	
2,950 <sup>2</sup>		46	283	5.0	1,012.1	1,012.1	1,013.0	0.9	
3,280 <sup>2</sup>	55	198	7.1	1,013.7	1,013.7	1,014.2	0.5		
3,666 <sup>2</sup>	37	169	8.3	1,018.3	1,018.3	1,018.9	0.6		
4,003 <sup>2</sup>	52	161	4.4	1,021.1	1,021.1	1,022.0	0.9		
4,383 <sup>2</sup>	27	72	9.7	1,024.7	1,024.7	1,024.7	0.0		

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

<sup>2</sup> Feet above confluence with McLaughlin Run

<sup>3</sup> Elevations computed without consideration of backwater effects from McLaughlin Run

FEDERAL EMERGENCY MANAGEMENT AGENCY

ALLEGHENY COUNTY, PA  
(ALL JURISDICTIONS)

FLOODWAY DATA

GOURDHEAD RUN - GRAESERS RUN

TABLE 8

FLOODING SOURCE		FLOODWAY				BASE FLOOD WATER SURFACE ELEVATION			
CROSS SECTION	DISTANCE	WIDTH (FEET)	SECTION AREA (SQUARE FEET)	MEAN VELOCITY (FEET PER SECOND)	REGULATORY (NAVD)	WITHOUT FLOODWAY (NAVD)	WITH FLOODWAY (NAVD)	INCREASE	
Happy Hollow Run	492 <sup>1</sup>	17	56	7.1	775.0	775.0	775.4	0.4	
	5,065 <sup>1</sup>	20 <sup>3</sup>	62	6.3	887.7	887.7	888.7	1.0	
	5,890 <sup>1</sup>	13 <sup>3</sup>	41	8.0	911.1	911.1	911.2	0.1	
	6,625 <sup>1</sup>	22 <sup>3</sup>	45	8.3	921.6	921.6	921.6	0.0	
	7,255 <sup>1</sup>	13 <sup>3</sup>	45	8.4	935.8	935.8	936.8	1.0	
Harts Run	200 <sup>2</sup>	19	73	11.2	926.1	926.1	926.5	0.4	
	800 <sup>2</sup>	20	98	8.4	937.8	937.8	938.3	0.5	
	1,400 <sup>2</sup>	25	100	8.2	947.6	947.6	947.9	0.3	
	2,000 <sup>2</sup>	29	95	8.6	960.0	960.0	960.2	0.2	
	2,400 <sup>2</sup>	21	75	10.8	968.0	968.0	960.2	0.2	
	3,000 <sup>2</sup>	33	88	9.3	980.8	980.8	980.8	0.0	
	4,000 <sup>2</sup>	10	59	13.8	1,013.6	1,013.6	1,013.7	0.1	
	4,375 <sup>2</sup>	34	88	9.3	1,033.6	1,033.6	1,033.6	0.0	

<sup>1</sup> Feet above confluence with Wylie Run  
<sup>2</sup> Feet above confluence with Gourthead Run  
<sup>3</sup> Floodway coincident with channel banks

FEDERAL EMERGENCY MANAGEMENT AGENCY		FLOODWAY DATA	
ALLEGHENY COUNTY, PA (ALL JURISDICTIONS)		HAPPY HOLLOW RUN - HARTS RUN	
TABLE 8			



FLOODING SOURCE		FLOODWAY				BASE FLOOD WATER SURFACE ELEVATION			
CROSS SECTION	DISTANCE	WIDTH (FEET)	SECTION AREA (SQUARE FEET)	MEAN VELOCITY (FEET PER SECOND)	REGULATORY (NAVD)	WITHOUT FLOODWAY (NAVD)	WITH FLOODWAY (NAVD)	INCREASE	
Hoffman Run	58 <sup>1</sup>	18 <sup>3</sup>	54	9.8	803.6	803.6	803.7	0.1	
	690 <sup>1</sup>	22 <sup>3</sup>	154	3.1	828.2	828.2	829.0	0.8	
	1,150 <sup>1</sup>	5 <sup>3</sup>	52	6.9	847.0	847.0	847.0	0.0	
	1,822	16	37	6.6	868.4	868.4	868.7	0.3	
	2,266	16	31	7.9	885.3	885.3	885.4	0.1	
	2,516	12	28	8.8	895.6	895.6	895.7	0.1	
Humms Run	50 <sup>2</sup>	40	246	5.5	958.1	958.1	958.1	0.0	
	465 <sup>2</sup>	43	221	6.1	958.7	958.7	958.7	0.0	
	658 <sup>2</sup>	34	214	6.3	961.1	961.1	961.1	0.0	
	1,688 <sup>2</sup>	36	126	10.7	968.8	968.8	968.8	0.0	
	2,338 <sup>2</sup>	33	127	10.6	976.9	976.9	976.9	0.0	
	2,506 <sup>2</sup>	44	249	5.4	980.7	980.7	980.7	0.0	
	3,156 <sup>2</sup>	40	129	9.2	983.0	983.0	983.0	0.0	
	3,606 <sup>2</sup>	45	218	5.4	985.3	985.0	986.2	0.9	
	4,566 <sup>2</sup>	51	587	1.9	1,001.0	1,001.0	1,002.0	1.0	
	5,566 <sup>2</sup>	54	121	8.6	1,004.3	1,004.3	1,004.3	0.0	
	6,166 <sup>2</sup>	47	160	6.5	1,010.6	1,010.6	1,010.6	0.0	
	7,580 <sup>2</sup>	50	114	8.0	1,027.3	1,027.3	1,027.8	0.5	
	7,726 <sup>2</sup>	54	160	4.4	1,030.7	1,030.7	1,030.7	0.0	
	8,665 <sup>2</sup>	43	88	7.9	1,035.0	1,035.0	1,035.0	0.0	
8,776 <sup>2</sup>	36	65	6.7	1,036.5	1,036.5	1,036.5	0.0		
9,166 <sup>2</sup>	16	41	9.3	1,046.7	1,046.7	1,046.7	0.0		

<sup>1</sup> Feet above Hoffman Road Bridge

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

<sup>3</sup> Floodway coincident with channel banks

FEDERAL EMERGENCY MANAGEMENT AGENCY

ALLEGHENY COUNTY, PA  
(ALL JURISDICTIONS)

FLOODWAY DATA

HOFFMAN RUN- HUMMS RUN

TABLE 8

FLOODING SOURCE		FLOODWAY				BASE FLOOD WATER SURFACE ELEVATION			
CROSS SECTION	DISTANCE	WIDTH (FEET)	SECTION AREA (SQUARE FEET)	MEAN VELOCITY (FEET PER SECOND)	REGULATORY (NAVD)	WITHOUT FLOODWAY (NAVD)	WITH FLOODWAY (NAVD)	INCREASE	
Jacks Run	760 <sup>1</sup>	59	171	9.1	818.3	818.3	818.3	0.0	
A	1,930 <sup>1</sup>	46	193	8.1	829.1	829.1	829.2	0.1	
B	2,319 <sup>1</sup>	31	157	9.9	832.7	832.7	833.1	0.4	
C	2,946 <sup>1</sup>	74	260	6.0	838.7	838.7	839.3	0.6	
D	3,316 <sup>1</sup>	57	248	6.3	840.3	840.3	841.2	0.9	
E	3,705 <sup>1</sup>	37	192	8.1	843.9	843.9	844.1	0.2	
F									
Leak Run	149 <sup>2</sup>	23	139	7.7	866.0	866.0	866.8	0.8	
A	581 <sup>2</sup>	32	96	11.2	872.1	872.1	872.1	0.0	
B	1,081 <sup>2</sup>	23	64	12.9	878.1	878.1	878.1	0.0	
C	1,651 <sup>2</sup>	22	59	13.4	890.4	890.4	890.4	0.0	
D	2,214 <sup>2</sup>	39	83	9.0	902.7	902.7	902.7	0.0	
E	2,814 <sup>2</sup>	36	105	10.8	910.0	910.0	910.0	0.0	
F	3,514 <sup>2</sup>	29	69	13.5	922.8	922.8	922.8	0.0	
G	4,014 <sup>2</sup>	22	70	12.7	935.8	935.8	935.8	0.0	
H	4,664 <sup>2</sup>	19	195	4.5	958.6	958.6	958.6	0.0	
I	5,585 <sup>2</sup>	36	230	3.8	970.4	970.4	970.4	0.0	
J	6,166 <sup>2</sup>	42	84	10.6	980.7	980.7	980.7	0.0	
K	6,765 <sup>2</sup>	37	124	7.2	995.7	995.7	995.7	0.0	
L									

<sup>1</sup> Feet above confluence with Long Run

<sup>2</sup> Feet above confluence with Thompson Run

TABLE 8

FEDERAL EMERGENCY MANAGEMENT AGENCY

ALLEGHENY COUNTY, PA  
(ALL JURISDICTIONS)

FLOODWAY DATA

JACKS RUN - LEAK RUN

FLOODING SOURCE		FLOODWAY			BASE FLOOD WATER SURFACE ELEVATION			
CROSS SECTION	DISTANCE <sup>1</sup>	WIDTH (FEET)	SECTION AREA (SQUARE FEET)	MEAN VELOCITY (FEET PER SECOND)	REGULATORY (NAVD)	WITHOUT FLOODWAY (NAVD)	WITH FLOODWAY (NAVD)	INCREASE
Lewis Run								
A	453	65	397	5.5	772.2	769.6 <sup>2</sup>	770.2	0.6
B	1,618	85	370	5.9	778.3	778.3	779.2	0.9
C	2,566	39	265	8.2	787.5	787.5	788.4	0.9
D	3,753	42	228	9.6	800.0	800.0	800.1	0.1
E	5,328	60	270	8.1	815.6	815.6	816.1	0.5
F	6,529	29	162	13.4	829.0	829.0	829.0	0.0
G	7,683	29	162	13.4	842.4	842.4	842.4	0.0
H	8,293	79	410	4.1	853.5	853.5	853.5	0.0
I	8,740	44	219	7.6	856.0	856.0	856.8	0.8
J	9,831	169	371	4.5	866.5	866.5	867.4	0.9
K	10,737	53	284	5.8	879.3	879.3	879.3	0.0
L	11,546	40	332	5.0	891.3	891.3	892.0	0.7
M	12,242	33	326	5.1	902.5	902.5	902.5	0.0
N	12,625	33	234	7.1	904.8	904.8	905.3	0.5
Lick Run								
A	870	93	393	8.1	820.6	820.6	821.1	0.5
B	2,217	133	1,061	3.0	834.7	834.7	834.7	0.0
C	3,113	33	222	14.2	841.5	841.5	842.0	0.5
D	4,967	95	522	6.0	862.3	862.3	863.3	1.0

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

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

FEDERAL EMERGENCY MANAGEMENT AGENCY

ALLEGHENY COUNTY, PA  
(ALL JURISDICTIONS)

FLOODWAY DATA

LEWIS RUN - LICK RUN

TABLE 8

FLOODING SOURCE		FLOODWAY				BASE FLOOD WATER SURFACE ELEVATION			
CROSS SECTION	DISTANCE <sup>1</sup>	WIDTH (FEET)	SECTION AREA (SQUARE FEET)	MEAN VELOCITY (FEET PER SECOND)	REGULATORY (NAVD)	WITHOUT FLOODWAY (NAVD)	WITH FLOODWAY (NAVD)	INCREASE	
Lick Run (Continued)									
E	5,748	170	899	3.5	865.6	865.6	866.5	0.9	
F	6,236	98	406	7.8	867.1	867.1	867.9	0.8	
G	7,827	131	529	6.0	877.9	877.9	878.7	0.8	
H	8,971	120	576	5.5	883.1	883.1	883.9	0.8	
I	9,799	126	812	3.6	887.9	887.9	888.7	0.8	
J	10,599	194	800	3.6	890.2	890.2	890.7	0.5	
K	11,940	71	576	5.1	901.7	901.7	902.2	0.5	
L	13,123	39	304	9.6	912.2	912.2	912.2	0.0	
M	14,018	112	814	3.6	914.5	914.5	915.5	1.0	
N	15,321	165	1,632	1.8	925.1	925.1	926.1	1.0	
O	15,984	106	935	2.6	928.3	928.3	929.3	1.0	
P	17,562	33	250	9.8	936.6	936.6	937.1	0.5	
Q	18,277	65	468	5.2	943.2	943.2	943.8	0.6	
R	18,737	87	552	4.4	945.2	945.2	946.1	0.9	
S	19,513	41	352	5.5	953.6	953.6	953.8	0.2	
T	21,579	100	470	4.2	963.3	963.3	963.5	0.2	
U	24,152	109	460	4.2	977.5	977.5	978.3	0.8	
V	24,821	77	279	5.3	983.3	983.3	983.3	0.0	
W	25,561	83	683	2.2	992.1	992.1	992.4	0.3	
X	26,299	62	337	4.9	994.2	994.2	995.1	0.9	
Y	26,949	53	218	7.3	997.4	997.4	998.3	0.9	
Z	27,649	49	691	3.0	1,014.6	1,014.6	1,015.3	0.7	
AA	27,898	55	504	1.8	1,015.9	1,015.9	1,016.7	0.8	

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

FEDERAL EMERGENCY MANAGEMENT AGENCY

ALLEGHENY COUNTY, PA  
(ALL JURISDICTIONS)

FLOODWAY DATA

LICK RUN

TABLE 8

FLOODING SOURCE		FLOODWAY				BASE FLOOD WATER SURFACE ELEVATION			
CROSS SECTION	DISTANCE	WIDTH (FEET)	SECTION AREA (SQUARE FEET)	MEAN VELOCITY (FEET PER SECOND)	REGULATORY (NAVD)	WITHOUT FLOODWAY (NAVD)	WITH FLOODWAY (NAVD)	INCREASE	
Lick Run (Continued)	28,598 <sup>1</sup>	30	203	4.7	1,016.3	1,016.3	1,017.0	0.7	
	29,298 <sup>1</sup>	32	178	5.5	1,022.0	1,022.0	1,022.8	0.8	
	30,028 <sup>1</sup>	75	215	5.7	1,026.8	1,026.8	1,027.1	0.3	
	30,528 <sup>1</sup>	69	343	2.9	1,031.8	1,031.8	1,032.5	0.7	
Little Bull Creek	167 <sup>2</sup>	70	263	11.7	757.9	757.9	758.0	0.1	
	507 <sup>2</sup>	47	296	10.4	762.9	762.9	762.9	0.0	
	1,252 <sup>2</sup>	157	815	4.8	767.3	767.3	767.9	0.6	
	1,852 <sup>2</sup>	47	298	11.3	769.0	769.0	770.0	1.0	
	7,970 <sup>2</sup>	50	286	11.1	816.4	816.4	816.9	0.5	
	8,470 <sup>2</sup>	37	269	11.5	822.9	822.9	823.8	0.9	
	9,170 <sup>2</sup>	58	369	9.2	829.7	829.7	830.4	0.7	
	9,470 <sup>2</sup>	65	361	8.9	832.3	832.3	833.1	0.8	
	9,850 <sup>2</sup>	38	291	11.0	835.9	835.9	836.4	0.5	
	15,240 <sup>2</sup>	73	303	8.2	874.4	874.4	874.4	0.0	
	15,845 <sup>2</sup>	137	407	7.6	879.4	879.4	879.6	0.2	
	16,470 <sup>2</sup>	138	588	4.7	882.7	882.7	883.7	1.0	
	17,250 <sup>2</sup>	37	271	9.2	889.6	889.6	890.6	1.0	
	17,962 <sup>2</sup>	82	372	6.7	896.9	896.9	897.1	0.2	
	18,662 <sup>2</sup>	53	295	9.4	904.4	904.4	904.7	0.3	
19,327 <sup>2</sup>	62	290	8.6	912.3	912.3	913.2	0.9		
20,167 <sup>2</sup>	62	281	8.9	923.5	923.5	923.6	0.1		

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

<sup>2</sup> Feet above the confluence with Bull Creek

FEDERAL EMERGENCY MANAGEMENT AGENCY

ALLEGHENY COUNTY, PA  
(ALL JURISDICTIONS)

FLOODWAY DATA

LICK RUN - LITTLE BULL CREEK

TABLE 8

FLOODING SOURCE		FLOODWAY				BASE FLOOD WATER SURFACE ELEVATION			
CROSS SECTION	DISTANCE	WIDTH (FEET)	SECTION AREA (SQUARE FEET)	MEAN VELOCITY (FEET PER SECOND)	REGULATORY (NAVD)	WITHOUT FLOODWAY (NAVD)	WITH FLOODWAY (NAVD)	INCREASE	
Little Deer Creek									
A	4,805 <sup>1</sup>	100	474	7.5	793.7	794.2	794.2	0.5	
B	7,920 <sup>1</sup>	91	624	5.7	815.7	816.0	816.0	0.3	
C	9,821 <sup>1</sup>	103	311	11.4	824.8	824.8	824.8	0.0	
D	11,986 <sup>1</sup>	121	606	5.9	837.4	838.3	838.3	0.9	
E	14,995 <sup>1</sup>	101	446	8.0	854.1	854.2	854.2	0.1	
F	19,114 <sup>1</sup>	318	1415	2.5	876.5	877.5	877.5	1.0	
G	22,282 <sup>1</sup>	71	396	7.3	892.7	892.7	892.7	0.0	
H	26,347 <sup>1</sup>	146	453	6.4	918.8	919.1	919.1	0.3	
I	29,462 <sup>1</sup>	100	685	3.6	934.9	935.2	935.2	0.3	
J	31,627 <sup>1</sup>	70	477	5.2	962.8	962.9	962.9	0.1	
K	34,162 <sup>1</sup>	280	1504	2.0	984.1	984.2	984.2	0.1	
L	36,485 <sup>1</sup>	150	696	4.3	991.0	992.0	992.0	1.0	
Little Pine Creek East									
A	800 <sup>2</sup>	61	402	8.5	752.5	749.6 <sup>3</sup>	749.6	0.0	
B	2,435 <sup>2</sup>	100	490	6.9	756.7	757.4	757.4	0.7	
C	3,200 <sup>2</sup>	82	409	8.3	762.3	762.4	762.4	0.1	
D	3,800 <sup>2</sup>	69	413	8.2	768.4	769.4	769.4	1.0	
E	4,400 <sup>2</sup>	58	316	10.8	773.8	774.7	774.7	0.9	
F	5,125 <sup>2</sup>	58	364	9.3	783.0	784.0	784.0	1.0	
G	5,520 <sup>2</sup>	42	322	10.5	788.8	789.8	789.8	1.0	
H	6,123 <sup>2</sup>	35	260	13.1	794.1	795.1	795.1	1.0	
I	6,400 <sup>2</sup>	50	324	9.9	798.0	798.9	798.9	0.9	

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

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

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

TABLE 8

FEDERAL EMERGENCY MANAGEMENT AGENCY

ALLEGHENY COUNTY, PA  
(ALL JURISDICTIONS)

FLOODWAY DATA

LITTLE DEER CREEK - LITTLE PINE CREEK EAST

FLOODING SOURCE		FLOODWAY			BASE FLOOD WATER SURFACE ELEVATION				
CROSS SECTION	DISTANCE <sup>1</sup>	WIDTH (FEET)	SECTION AREA (SQUARE FEET)	MEAN VELOCITY (FEET PER SECOND)	REGULATORY (NAVD)	WITHOUT FLOODWAY (NAVD)	WITH FLOODWAY (NAVD)	INCREASE	
Little Pine Creek East (Continued)	J	8,340	229	13.9	819.8	819.8	819.9	0.1	
	K	11,655	230	12.0	863.9	863.9	864.1	0.2	
	L	12,765	237	10.4	880.2	880.2	881.2	1.0	
	M	14,800	441	5.3	909.0	909.0	909.1	0.1	
	N	17,800	45	379	4.3	939.9	940.1	0.2	
	O	19,000	46	205	8.0	948.7	949.7	1.0	
	Little Pine Creek West	A	200	256	12.0	746.9	740.6 <sup>2</sup>	741.1	0.5
B		625	347	8.9	746.9	745.3 <sup>2</sup>	746.0	0.7	
C		1,085	431	7.1	748.6	748.6	748.7	0.1	
D		1,670	188	16.3	750.5	750.5	750.5	0.0	
E		2,410	700	4.4	760.2	760.2	760.9	0.7	
F		3,000	332	9.2	767.5	767.5	767.5	0.0	
G		3,800	462	6.6	780.8	780.8	780.9	0.1	
H		4,150	310	9.8	786.7	786.7	786.7	0.0	
I		4,600	432	7.1	793.2	793.2	794.0	0.8	
J		5,280	419	7.3	800.0	800.0	800.1	0.1	
K		6,000	299	10.2	810.5	810.5	811.3	0.8	
L		6,582	38	222	13.7	817.4	817.4	817.4	0.0
M		7,000	47	309	9.9	824.5	824.5	825.1	0.6

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

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

FEDERAL EMERGENCY MANAGEMENT AGENCY

FLOODWAY DATA

TABLE 8

ALLEGHENY COUNTY, PA  
(ALL JURISDICTIONS)

LITTLE PINE CREEK EAST - LITTLE PINE CREEK WEST

FLOODING SOURCE		FLOODWAY				BASE FLOOD WATER SURFACE ELEVATION			
CROSS SECTION	DISTANCE <sup>1</sup>	WIDTH (FEET)	SECTION AREA (SQUARE FEET)	MEAN VELOCITY (FEET PER SECOND)	REGULATORY (NAVD)	WITHOUT FLOODWAY (NAVD)	WITH FLOODWAY (NAVD)	INCREASE	
Little Pine Creek West (Continued)									
N	7,800	49	310	9.8	834.6	834.6	834.7	0.1	
O	9,000	37	219	13.9	850.4	850.4	850.5	0.1	
P	9,680	59	421	7.2	856.1	856.1	856.9	0.8	
Q	10,600	105	655	4.7	864.8	864.8	865.5	0.7	
R	11,200	35	265	11.5	867.3	867.3	867.7	0.4	
S	11,685	100	585	5.2	876.6	876.6	877.1	0.5	
T	12,960	62	381	7.3	885.9	885.9	886.7	0.8	
U	13,200	85	375	7.4	887.9	887.9	888.8	0.9	
V	14,000	61	255	10.9	901.5	901.5	901.5	0.0	
W	14,800	67	389	7.1	912.4	912.4	912.5	0.1	
X	15,400	45	288	9.6	919.5	919.5	920.4	0.9	
Y	16,000	75	450	6.2	925.4	925.4	926.1	0.7	
Z	16,600	42	267	10.4	934.8	934.8	935.8	1.0	
AA	17,081	30	161	16.0	942.6	942.6	942.6	0.0	
AB	17,800	47	312	8.2	948.7	948.7	949.7	1.0	
AC	18,400	82	340	7.6	953.3	953.3	954.2	0.9	
AD	18,930	58	323	8.0	958.6	958.6	959.2	0.6	
AE	19,400	48	249	10.3	964.1	964.1	964.5	0.4	
AF	19,800	62	422	6.1	969.7	969.7	970.5	0.8	
AG	20,400	134	883	2.7	973.6	973.6	974.6	1.0	
AH	21,000	62	350	6.7	975.6	975.6	976.6	1.0	
AI	21,600	40	220	10.7	980.0	980.0	981.0	1.0	

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

**TABLE 8**

FEDERAL EMERGENCY MANAGEMENT AGENCY

**ALLEGHENY COUNTY, PA  
(ALL JURISDICTIONS)**

**FLOODWAY DATA**

**LITTLE PINE CREEK WEST**