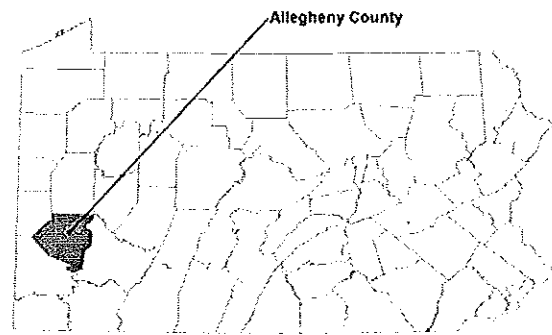


FLOOD INSURANCE STUDY

VOLUME 6 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
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	SEWCKLEY, BOROUGH OF	420070
BALDWIN, BOROUGH OF	420007	EDGEWORTH, BOROUGH OF	420032	MCDONALD, BOROUGH OF	420855	SEWCKLEY HEIGHTS, BOROUGH OF	420071
BALDWIN, TOWNSHIP OF	422650	ELIZABETH, BOROUGH OF	421263	MCKEESPORT, CITY OF	420051	SEWCKLEY 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 VERSAILLES, TOWNSHIP OF	421281
BRAWNOX, BOROUGH OF	420013	*FOREST HILLS, BOROUGH OF	420035	MT. LEBANON, MUNICIPALITY OF	421272	SPRINGDALE, BOROUGH OF	421282
BRACKENRIDGE, 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	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	421085	TARENTUM, BOROUGH OF	420076
BRENTWOOD, BOROUGH OF	420017	GLASSPORT, BOROUGH OF	420038	NORTH VERSAILLES, 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	O'HARA, TOWNSHIP OF	421088	UPPER ST. CLAIR, TOWNSHIP OF	421119
*CHALFAINT, 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	VERSAILLES, BOROUGH OF	420081
CHURCHILL, BOROUGH OF	420023	HARRISON, TOWNSHIP OF	420041	*PENNINSBURY VILLAGE, BOROUGH OF	422665	WALL, BOROUGH OF	420082
CLARTON, CITY OF	420024	HAYSVILLE, BOROUGH OF	420042	PINE, 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	420086
*DORMONT, 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	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	421189	WILKINS, TOWNSHIP OF	420090
		LEETSDALE, BOROUGH OF	420047	ROBINSON, TOWNSHIP OF	421097	*WILKINSBURG, BOROUGH OF	422667
		LIBERTY, BOROUGH OF	420048	ROSS, TOWNSHIP OF	420979	WILMERTON, BOROUGH OF	420091

*No special flood hazard areas identified



REVISED: September 26, 2014

Federal Emergency Management Agency

FLOOD INSURANCE STUDY NUMBER

42003CV006B

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

Page

TABLES

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	