



Federal Emergency Management Agency

Washington, D.C. 20472

LETTER OF MAP REVISION DETERMINATION DOCUMENT (CONTINUED)

COMMUNITY INFORMATION

APPLICABLE NFIP REGULATIONS/COMMUNITY OBLIGATION

We have made this determination pursuant to Section 206 of the Flood Disaster Protection Act of 1973 (P.L. 93-234) and in accordance with the National Flood Insurance Act of 1968, as amended (Title XIII of the Housing and Urban Development Act of 1968, P.L. 90-448), 42 U.S.C. 4001-4128, and 44 CFR Part 65. Pursuant to Section 1361 of the National Flood Insurance Act of 1968, as amended, communities participating in the NFIP are required to adopt and enforce floodplain management regulations that meet or exceed NFIP criteria. These criteria, including adoption of the FIS report and FIRM, and the modifications made by this LOMR, are the minimum requirements for continued NFIP participation and do not supersede more stringent State/Commonwealth or local requirements to which the regulations apply.

We provide the floodway designation to your community as a tool to regulate floodplain development. Therefore, the floodway revision we have described in this letter, while acceptable to us, must also be acceptable to your community and adopted by appropriate community action, as specified in Paragraph 60.3(d) of the NFIP regulations.

COMMUNITY REMINDERS

We based this determination on the 1-percent-annual-chance discharges computed in the submitted hydrologic model. Future development of projects upstream could cause increased discharges, which could cause increased flood hazards. A comprehensive restudy of your community's flood hazards would consider the cumulative effects of development on discharges and could, therefore, indicate that greater flood hazards exist in this area.

Your community must regulate all proposed floodplain development and ensure that permits required by Federal and/or State/Commonwealth law have been obtained. State/Commonwealth or community officials, based on knowledge of local conditions and in the interest of safety, may set higher standards for construction or may limit development in floodplain areas. If your State/Commonwealth or community has adopted more restrictive or comprehensive floodplain management criteria, those criteria take precedence over the minimum NFIP requirements.

We will not print and distribute this LOMR to primary users, such as local insurance agents or mortgage lenders; instead, the community will serve as a repository for the new data. We encourage you to disseminate the information in this LOMR by preparing a news release for publication in your community's newspaper that describes the revision and explains how your community will provide the data and help interpret the NFIP maps. In that way, interested persons, such as property owners, insurance agents, and mortgage lenders, can benefit from the information.

This determination is based on the flood data presently available. The enclosed documents provide additional information regarding this determination. If you have any questions about this document, please contact the FEMA Mapping and Insurance eXchange toll free at 1-877-338-2627 (1-877-FEMA MAP) or by letter addressed to the LOMC Clearinghouse, 3601 Eisenhower Avenue, Suite 500, Alexandria, VA 22304-6426. Additional information about the NFIP is available on our website at <https://www.fema.gov/flood-insurance>.

Patrick "Rick" F. Sacbibit, P.E., Branch Chief
Engineering Services Branch
Federal Insurance and Mitigation Administration



Federal Emergency Management Agency
Washington, D.C. 20472

**LETTER OF MAP REVISION
DETERMINATION DOCUMENT**

COMMUNITY AND REVISION INFORMATION		PROJECT DESCRIPTION	BASIS OF REQUEST
COMMUNITY	Borough of Ford City Armstrong County Pennsylvania	NO PROJECT	FLOODWAY HYDRAULIC ANALYSIS HYDROLOGIC ANALYSIS UPDATED TOPOGRAPHIC DATA
	COMMUNITY NO.: 420094		
IDENTIFIER	Ford City Non-Levee Feature	APPROXIMATE LATITUDE AND LONGITUDE: 40.771, -79.534 SOURCE: Google Earth Pro DATUM: NAD 83	
ANNOTATED MAPPING ENCLOSURES		ANNOTATED STUDY ENCLOSURES	
TYPE: FIRM*	NO.: 42005C0318D DATE: February 17, 2016	DATE OF EFFECTIVE FLOOD INSURANCE STUDY: February 17, 2016	
TYPE: FIRM	NO.: 42005C0319D DATE: February 17, 2016	PROFILES: 11P AND 12P FLOODWAY DATA TABLE: 9 SUMMARY OF DISCHARGES TABLE: 6	

Enclosures reflect changes to flooding sources affected by this revision.

* FIRM - Flood Insurance Rate Map

FLOODING SOURCE AND REVISED REACH

Allegheny River - from the upstream side of Lock and Dam #6 to approximately 200 feet upstream of U.S. Route 422

SUMMARY OF REVISIONS

Flooding Source	Effective Flooding	Revised Flooding	Increases	Decreases
Allegheny River	BFEs*	BFEs	YES	NONE
	Zone AE	Zone AE	YES	YES
	Zone X (shaded)	Zone X (shaded)	YES	YES
	Floodway	Floodway	YES	YES

* BFEs - Base Flood Elevations

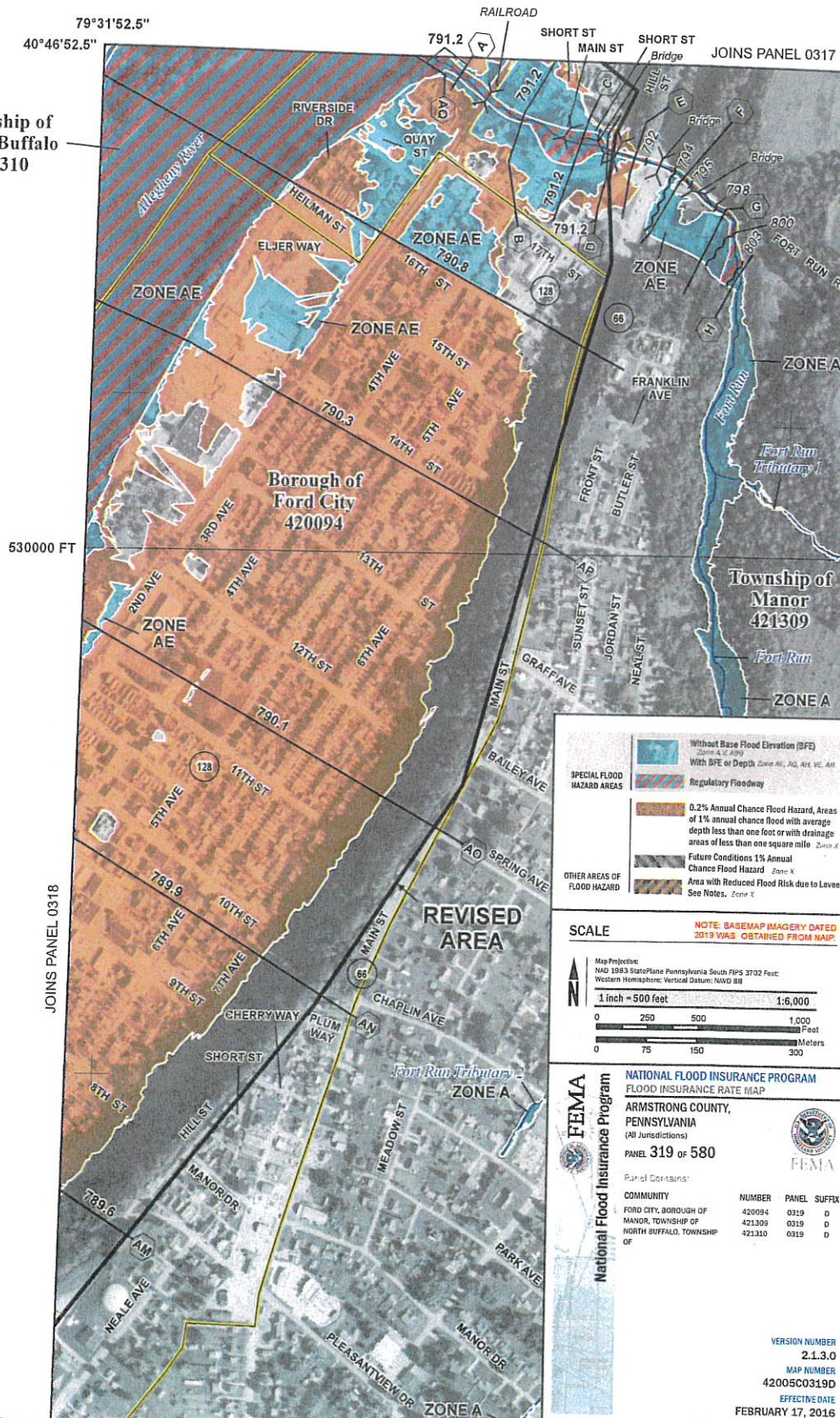
DETERMINATION

This document provides the determination from the Department of Homeland Security's Federal Emergency Management Agency (FEMA) regarding a request for a Letter of Map Revision (LOMR) for the area described above. Using the information submitted, we have determined that a revision to the flood hazards depicted in the Flood Insurance Study (FIS) report and/or National Flood Insurance Program (NFIP) map is warranted. This document revises the effective NFIP map, as indicated in the attached documentation. Please use the enclosed annotated map panels revised by this LOMR for floodplain management purposes and for all flood insurance policies and renewals in your community.

This determination is based on the flood data presently available. The enclosed documents provide additional information regarding this determination. If you have any questions about this document, please contact the FEMA Mapping and Insurance eXchange toll free at 1-877-336-2627 (1-877-FEMA MAP) or by letter addressed to the LOMC Clearinghouse, 3601 Eisenhower Avenue, Suite 500, Alexandria, VA 22304-6426. Additional information about the NFIP is available on our website at <https://www.fema.gov/flood-insurance>.

Patrick "Rick" F. Sacbitt, P.E., Branch Chief
Engineering Services Branch
Federal Insurance and Mitigation Administration

Township of North Buffalo 421310



SPECIAL FLOOD HAZARD AREAS

- Without Base Flood Elevation (BFE) Zone X, 1% ACF
- With BFE or Depth Zone AE, A2, A3, VE, AH
- Regulatory Floodway

OTHER AREAS OF FLOOD HAZARD

- 0.2% Annual Chance Flood Hazard, Areas of 1% annual chance flood with average depth less than one foot or with drainage areas of less than one square mile Zone X
- Future Conditions 1% Annual Chance Flood Hazard Zone X
- Area With Reduced Flood Risk due to Levee See Notes. Zone X

SCALE

NOTE: BASEMAP IMAGERY DATED 2019 WAS OBTAINED FROM NAIP.

Map Projection:
 NAD 1983 StatePlane Pennsylvania South FIPS 3702 Feet;
 Western Hemisphere; Vertical Datum: NAVD 88

1 inch = 500 feet 1:6,000

0 250 500 1,000 Feet
 0 75 150 300 Meters

FEMA

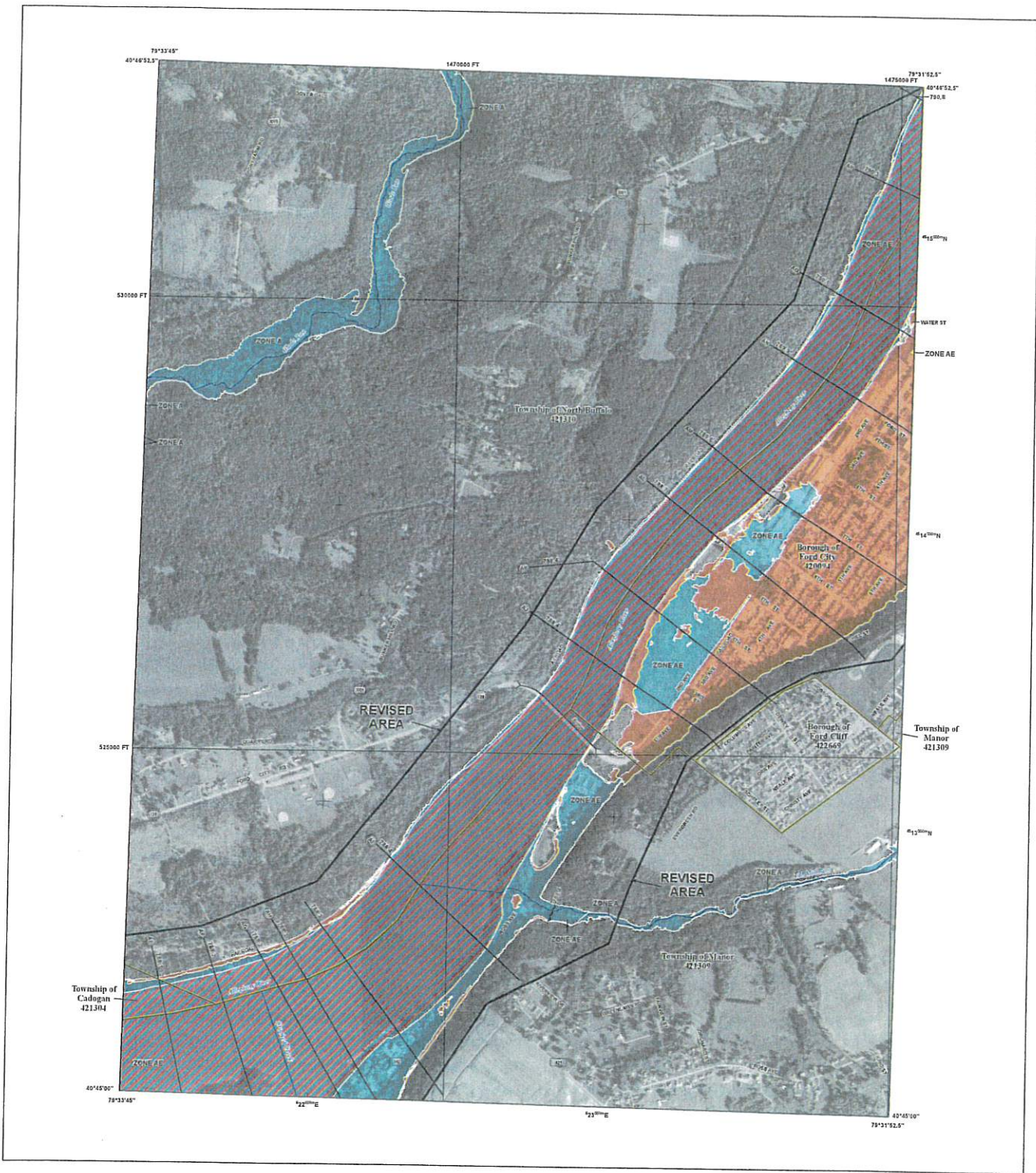
NATIONAL FLOOD INSURANCE PROGRAM
 FLOOD INSURANCE RATE MAP
 ARMSTRONG COUNTY,
 PENNSYLVANIA
 (All Jurisdictions)
 PANEL 319 of 580

Panel Contains:

COMMUNITY	NUMBER	PANEL	SUFFIX
FORD CITY, BOROUGH OF	420094	0319	D
MANOR, TOWNSHIP OF	421309	0319	D
NORTH BUFFALO, TOWNSHIP OF	421310	0319	D

National Flood Insurance Program

VERSION NUMBER
 2.1.3.0
 MAP NUMBER
 42005C0319D
 EFFECTIVE DATE
 FEBRUARY 17, 2016



FLOOD HAZARD INFORMATION

- SEE THIS REPORT FOR DETAILED LEGEND AND INDEX MAP FOR FIRM PANEL LAYOUT. THE INFORMATION DEPICTED ON THIS MAP AND SUPPORTING DOCUMENTATION ARE ALSO AVAILABLE IN DIGITAL FORMAT AT [HTTPS://MSC.FEMA.GOV](https://msc.fema.gov)
- SPECIAL FLOOD HAZARD AREAS**
 - Without Base Flood Elevation (BFE) Zone A, AE, AH, AO, AR
 - With BFE or Depth Zone AE, AD, AH, VE, VE1
 - Regulatory Floodway
 - 0.2% Annual Chance Flood Hazard, Areas of 1% annual chance flood with average depth less than one foot or with drainage areas of less than one square mile Zone X
 - Future Conditions 1% Annual Chance Flood Hazard Zone X
 - Area with Reduced Flood Risk due to Levee See Notes Zone X
 - Area with Flood Risk due to Levee Zone D
 - Area of Minimal Flood Hazard Zone X
 - Area of Undetermined Flood Hazard Zone D
 - OTHER AREAS OF FLOOD HAZARD**
 - OTHER AREAS**
 - GENERAL STRUCTURES**
 - Channel, Culvert, or Storm Sewer
 - Levee, Dike, or Floodwall
 - Cross Sections with 1% Annual Chance Water Surface Elevation
 - Coastal Transect
 - Coastal Transect Baseline
 - Profile Baseline
 - Hydrographic Feature
 - Base Flood Elevation Line (BFE)
 - Limit of Study
 - Jurisdiction Boundary
 - OTHER FEATURES**

NOTES TO USERS

For information and questions about this Flood Insurance Rate Map (FIRM), available products associated with this FIRM, including historic versions, the current map date for each FIRM panel, how to order FIRMs, the National Flood Insurance Program (NFIP) in general, please call the Map Service Center website at msc.fema.gov (877-352-3277) or visit the FEMA Flood Product Letters of Map Change & Flood Insurance Study Report website digital version of this map. Many of these products can be ordered or accessed directly from the website.

Community numbering listed on adjacent FIRM panels must obtain a current copy of the adjacent panel as well as the current FIRM books. These may be ordered directly from the Flood Map Service Center at the number listed above.

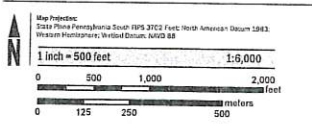
To determine if flood insurance is available in this community, contact your insurance agent or call the National Flood Insurance Program at 1-800-354-6452.

Best map information obtain on this FIRM was derived from FIRM Panel, Bureau of Topographic and Geologic Survey, Pennsylvania Department of Conservation and Natural Resources at a scale of 1:16,000 from photography dated 2006 or later.

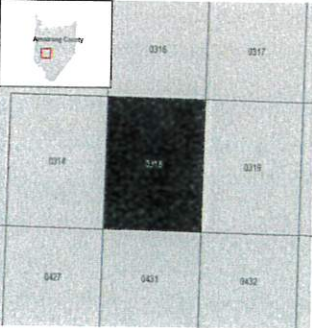
Local vertical monuments were used to create this map. To obtain current monument information, please contact the Information Services Branch of the National Geodetic Survey at (201) 713-2322, or visit the website at <http://www.ngs.noaa.gov>.

NOTE: BASEMAP IMAGERY DATED 2013 WAS OBTAINED FROM NAIP

SCALE



PANEL LOCATOR



NATIONAL FLOOD INSURANCE PROGRAM
FLOOD INSURANCE RATE MAP
 ARMSTRONG COUNTY,
 PENNSYLVANIA
 US (unsubscribed)
 PANEL 318 of 580

File of Co-Maps

COMMUNITY	NUMBER	PANEL	SUFFIX
CADOGAN, TOWNSHIP OF	421304	0318	D
FORD CITY, BOROUGH OF	420904	0318	D
FORD CITY, BOROUGH OF	421603	0318	D
MANOR, TOWNSHIP OF	421309	0318	D
NORTH BUTLER, TOWNSHIP OF	421310	0318	D

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