Federal Emergency Management Agency

Washington, D.C. 20472

JUN 6 1997

CERTIFIED MAIL
RETURN RECEIPT REQUESTED

The Honorable Linda Weaver
Mayor of the City of Johnstown
401 Main Street
Johnstown, Pennsylvania 15901

IN REPLY REFER TO:

Case Number:	96-03-037P
Community Name:	City of Johnstown, Cambria County, Pennsylvania
Community Number:	420231
Map Panel Number:	420231 0010
Effective Date of this Revision:	JUN 6 1997

102-D-A

Dear Mayor Weaver:

The Flood Insurance Study (FIS) and the Flood Insurance Rate Map (FIRM) for the City of Johnstown have been revised by this Letter of Map Revision (LOMR) to reflect more up-to-date hydrologic and hydraulic analyses and a channelization project along Solomon Run. The subject area is located from just upstream of the confluence with the Stonycreek River to the upstream corporate limits (excluding the Borough of Dale). This revision was initiated by [redacted], of the Bureau of Flood Protection Projects, Pennsylvania Department of Environmental Protection (PDEP), in a letter dated January 18, 1995.

We received the following technical data, prepared by the Johnstown Redevelopment Authority and PDEP, in support of this revision:

- copies of reports, entitled Flood Protection Study. Citv of Johnstown and Solomon Run, Study Units I, II, and III, Stonycreek Township, Cambria Countv, dated March 1979, prepared by the Bureau of Resources Programming, Commonwealth of Pennsylvania, Department of Environmental Resources (DER) including supporting data for the Soil Conservation Service, **U.S.** Army Corps of Engineers, U.S. Geological Survey (USGS), B-Curve, and DER Johnstown Regional hydrologic methods and design factors related to the hydraulic modeling;

- a copy of the DER Johnstown Regional hydrologic analysis, dated March 1979, which was used to compute the 1% (100-year) annual chance discharge;

- HEC-2 hydraulic backwater models, dated December 11, 1996, of the 1% annual chance flood for Solomon Run, reflecting the revised conditions;

- a copy of the certified as-built drawings, entitled Solomon Run Flood Protection Project, dated May 11, 1990, at a scale of 1"=40', showing the general plan, detailed plan, and profile of the channelization project for the Township of Stonycreek, the City of Johnstown, and the Borough of Dale;

- a copy of the certified as-built drawings, entitled General Plan, dated May 11, 1990, annotated to show the revised 1% annual chance floodplain boundaries;

- a copy of the USGS 7.5-Minute Series topographic quadrangle map, entitled Johnstown, PA, dated 1972, at a scale of 1"=2,000', with a contour interval of 10 feet, showing the subject area and the corporate limits for the City of Johnstown;

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- copies of certified, undated community maps, at an undetermined scale, showing the streets and corporate limits of the Township of Stonycreek, the City of Johnstown, and the Borough of Dale; and

- completed applicatiodcertification forms, including community concurrence with the revision.

We received all data necessary to process this revision by March 6, 1997.

Based on our review of the submitted data, we are issuing this LOMR to reflect the 1% annual chance (Zone A) floodplain to be contained within the relocated channel for Solomon Run and the addition of the 0.2% (500-year) annual chance floodplain boundary for the Stonycreek River. This LOMR revises the City of Johnstown FIS report by adding Flood Profiles 08P, 09P, 10P, and 11P, to the FIS, dated February 1,1983, and revises FIRM number 420231, panel 0010 C, dated August 1, 1983, as shown on the enclosed portions of the FIS report and the digitally reproduced portions of the FIRM panel represented by Enclosures 1 and 2. This revision does not involve any floodway changes; therefore, we are not enclosing an annotated Flood Boundary and Floodway Map (FBFM).

We have enclosed a copy of the public notification of the revised Base (1% annual chance) Flood Elevations (BFEs), which will be published in the Tribune-Democrat on or about June 13, 1997, and June 20, 1997. In addition, we will publish a notice of changes in the Federal Register. However, we will not print and distribute this LOMR to users, such as insurance agents or lenders. Your community will serve as a repository for the new data. Therefore, we encourage you to supplement the notification to appear in the Tribune-Democrat by preparing a news release for publication in your community newspaper that describes the revision and explains how your community will provide data and help interpret the National Flood Insurance Program (NFIP) maps. In that way, interested persons, such as property owners, insurance agents, and mortgage lenders, can benefit from the information.

Within 90 days of the second publication in the Tribune-Democrat, a citizen may request that we reconsider this determination. Any request for reconsideration must be based on scientific or

technical data. This revision is effective as of the date of this letter. However, until the 90-day period elapses, the revised BFEs presented in this LOMR may be modified.

We based this determination on the 1% annual chance flood discharges computed in the aforementioned DER Johnstown Regional hydrologic analysis. Future development of projects upstream could cause increased flood discharges, which could cause increased flood hazards. A comprehensive restudy of your community's flood hazards would consider the cumulative effects of development on flood discharges and could, therefore, establish greater flood hazards in this area.

Your community must approve all proposed floodplain development and ensure that permits required by Federal and/or Commonwealth law have been obtained. 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 the Commonwealth of Pennsylvania or the City of Johnstown has adopted more restrictive or comprehensive floodplain management criteria, those criteria take precedence over the minimum NFIP requirements.

Because of funding constraints, we must limit the number of map republications. Consequently, we will not republish the FIS or FIRM for the City of Johnstown to reflect this determination. However, we will incorporate this determination when we next republish the FIS and FIRM panel 0010.

We have enclosed a document entitled "List of Current Flood Insurance Study Data," which includes this letter, to help your community maintain all information for floodplain management and flood insurance. If any of the items in that document are not filed in your community's map repository, please contact our Regional Office at the number listed below for information on how to obtain those items.

NFIP regulations Subparagraph 60.3(b)(7) requires communities to "assure that the flood carrying capacity within the altered or relocated portion of any watercourse is maintained." This provision is incorporated into your community's existing floodplain management regulations; therefore, responsibility for maintenance of the modified channel rests with your community. We may request that your community submit a description and schedule of channel maintenance activities.

Use the map panel listed above and revised by this letter for all flood insurance policies and renewals issued in your community.

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, FIRM, FBFM, and the modifications made by this

LOMR, are the minimum requirements for continued NFIP participation and do not supersede more stringent Commonwealth or local requirements to which the regulations apply.

If you have any questions, please do not hesitate to contact the Director, Mitigation Division of the Federal Emergency Management Agency in Philadelphia, Pennsylvania, at (215) 931-5512, or me at our Headquarters Office in Washington, D.C., at (202) 646-4155, or by facsimile at (202) 646-4596.

Sincerely,

Priscilla Scruggs

Priscilla Scruggs
Project Engineer
Hazard Identification Branch
Mitigation Directorate

For: Frederick H. Sharrocks Jr., Chief
Hazard Identification Branch
Mitigation Directorate

Enclosures

cc: Mr. Richard T. Truscello, Director, City of Johnstown Community Development
[redacted], Division Chief, Bureau of Flood Protection Projects, PDEP
[redacted], Project Engineer, Bureau of Flood Protection Projects, PDEP
[redacted], Johnstown Redevelopment Authority
Commonwealth Coordinator

FLOOD PROFILES

SOLOMON RUN

FEDERAL EMERGENCY MANAGEMENT AGENCY

CITY OF JOHNSTOWN, PA

(CAMBRIA CO.)

02P

FLOOD PROFILES

SOLOMON RUN

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CITY OF JOHNSTOWN, PA

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09?

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SOLOMON RUN

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CITY OF JOHNSTOWN, PA

(CAMERIA CO.)

1.1P

MAP LEGEND

REVISED 500-YEAR FLOODPLAIN

APPROXIMATE SCALE

800 0 800 FEET

NATIONAL FLOOD INSURANCE PROGRAM

FIRM
FLOOD INSURANCE RATE MAP

CITY OF
JOHNSTOWN,
PENNSYLVANIA
CAMBRIA COUNTY

PANEL 10 OF 10
ENCLOSURE 2 OF 2

JOINS ENCLOSURE 1

COMMUNITY - PANEL NUMBER
420231 0010 C

MAP REVISED:
AUGUST 1, 1983

REVISED TO REFLECT LOMR DATED:
JUN 6 1997

Federal Emergency Management Agency

JOINS ENCLOSURE 2

MAP LEGEND

APPROXIMATE SCALE

800 0 800 FEE

NATIONAL FLOOD INSURANCE PROGRAM

FIRM

FLOOD INSURANCE RATE MAP

CITY OF
JOHNSTOWN,
PENNSYLVANIA
CAMBRIA COUNTY

PANEL 10 OF 10

ENCLOSURE 1 OF 2

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MAP REVISED:
AUGUST 1, 1983

REVISED TO REFLECT
LOMR DATED:

JUN 6 1997

Federal Emergency Management Agency

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Date: JUN 6 1997

community: City of Johnstown, Cambria County, Pennsylvania

Community Number: 420231

Page Number: Page 1 of 1

CURRENT EFFECTIVE FLOOD INSURANCE STUDY DATE: February 1,1983

FLOOD INSURANCE RATE MAP

Index Date: August 1,1983

Panel Numbers	Effective Date
0005 C, 0010 C	August 1,1983

FLOOD BOUNDARY AND FLOODWAY *MAP*

Index Date: August 1,1983

Panel Numbers	Effective Date
0005,0010	August 1,1983

LETTERS OF *MAP* REVISION

Panel Numbers	Effective Date
0010	JUN 6 1997

LETTERS OF *MAP* AMENDMENT AND *MAP* REVISION BASED ON FILL

Panel Numbers	Effective Date
0010 C	September 27, 1993 July 8, 1994

BEST AVAILABLE DATA LETTERS

None

Federal Emergency Management Agency

Washington, D.C. 20472

JUN 6 1997

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For: Frederick H. Sharrocks Jr., Chief
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Enclosures

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Commonwealth Coordinator

FLOOD PROFILES

SOLOMON RUN

FEDERAL EMERGENCY MANAGEMENT AGENCY

CITY OF JOHNSTOWN, PA

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MAP LEGEND

REVISED 500-YEAR FLOODPLAIN

APPROXIMATE SCALE

800 0 800 FEET

NATIONAL FLOOD INSURANCE PROGRAM

FIRM
FLOOD INSURANCE RATE MAP

CITY OF
JOHNSTOWN,
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CAMBRIA COUNTY

PANEL 10 OF 10
ENCLOSURE 2 OF 2

JOINS ENCLOSURE 1

COMMUNITY - PANEL NUMBER
420231 0010 C

MAP REVISED:
AUGUST 1, 1983

REVISED TO REFLECT LOMR DATED:
JUN 6 1997

Federal Emergency Management Agency

JOINS ENCLOSURE 2

MAP LEGEND

APPROXIMATE SCALE

800 0 800 FEE

NATIONAL FLOOD INSURANCE PROGRAM

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(CAMBRIA CO.)

02P

FLOOD PROFILES

SOLOMON RUN

FEDERAL EMERGENCY MANAGEMENT AGENCY

CITY OF JOHNSTOWN, PA

(CAMERIA CO.)

09?

FLOOD PROFILES

SOLOMON RUN

FEDERALEMERGENCYMANAGEMENTAGENCY

CITY OF JOHNSTOWN, PA

(CAMBRIA CO.)

10P

* DATA NOT AVAILABLE

FLOOD PROFILES

SOLOMON RUN

FEDERAL EMERGENCY MANAGEMENT AGENCY

CITY OF JOHNSTOWN, PA

(CAMERIA CO.)

1.1P

MAP LEGEND

REVISED 500-YEAR FLOODPLAIN

APPROXIMATE SCALE

800 0 800 FEET

NATIONAL FLOOD INSURANCE PROGRAM

FIRM
FLOOD INSURANCE RATE MAP

CITY OF
JOHNSTOWN,
PENNSYLVANIA
CAMBRIA COUNTY

PANEL 10 OF 10
ENCLOSURE 2 OF 2

JOINS ENCLOSURE 1

COMMUNITY - PANEL NUMBER
420231 0010 C

MAP REVISED:
AUGUST 1, 1983

REVISED TO REFLECT LOMR DATED:
JUN 6 1997

Federal Emergency Management Agency

JOINS ENCLOSURE 2

MAP LEGEND

APPROXIMATE SCALE

800 0 800 FEE

NATIONAL FLOOD INSURANCE PROGRAM

FIRM

FLOOD INSURANCE RATE MAP

CITY OF
JOHNSTOWN,
PENNSYLVANIA
CAMBRIA COUNTY

PANEL 10 OF 10

ENCLOSURE 1 OF 2

COMMUNITY - PANEL NUMBER
420231 0010 C

MAP REVISED:
AUGUST 1, 1983

REVISED TO REFLECT
LOMR DATED:

JUN 6 1997

Federal Emergency Management Agency

LIST OF CURRENT FLOOD INSURANCE STUDY DATA

This list is provided to document all information currently effective for your community for insurance and floodplain management.

Date: JUN 6 1997

community: City of Johnstown, Cambria County, Pennsylvania

Community Number: 420231

Page Number: Page 1 of 1

CURRENT EFFECTIVE FLOOD INSURANCE STUDY DATE: February 1,1983

FLOOD INSURANCE RATE MAP

Index Date: August 1,1983

Panel Numbers	Effective Date
0005 C, 0010 C	August 1,1983

FLOOD BOUNDARY AND FLOODWAY *MAP*

Index Date: August 1,1983

Panel Numbers	Effective Date
0005,0010	August 1,1983

LETTERS OF *MAP* REVISION

Panel Numbers	Effective Date
0010	JUN 6 1997

LETTERS OF *MAP* AMENDMENT AND *MAP* REVISION BASED ON FILL

Panel Numbers	Effective Date
0010 C	September 27, 1993 July 8, 1994

BEST AVAILABLE DATA LETTERS

None