



# Federal Emergency Management Agency

Washington, D.C. 20472

MAY 26 1998

CERTIFIED MAIL  
RETURN RECEIPT REQUESTED

Mr. Howard Beers  
Chairman of the Board of Supervisors  
P.O. Box 276  
Saylorsburg, Pennsylvania 18353

IN REPLY REFER TO:

Case Number: 97-03-077P  
Community Name: Township of Ross, Monroe  
County, Pennsylvania  
Community Number: 421895  
Map Panel Number: 421895 0010  
Effective Date of  
this Revision:

102-I-A

MAY 26 1998

Dear Mr. Beers:

The Flood Insurance Study (FIS) and Flood Insurance Rate Map (FIRM) for the Township of Ross, Pennsylvania, have been revised by this Letter of Map Revision (LOMR) to reflect the replacement of two bridges and the rehabilitation of an existing dam along Aquashicola Creek. The subject area is located in the vicinity of the Chicola Lake Mobile Home Park. This revision was initiated by [REDACTED], of VEP Associates, Inc., in a letter dated April 10, 1997.

We received the following technical data, prepared by VEP Associates, Inc., in support of this revision:

- a report dated March 21, 1997, entitled Application Package Request for LOMR, which included the following:
  - a HEC-2 hydraulic model of the 1% annual chance (100-year) flood, dated October 24, 1995, for Aquashicola Creek, which duplicates the model used to prepare the February 17, 1988, FIS for the Township of Ross;
  - a certified topographic map entitled Chicola Lake Mobile Home Park, dated October 30, 1995, at a scale of 1"=50', with a contour interval of 2 feet, reflecting "as-built" conditions, and showing the existing 1% annual chance floodplain and location and alignment of the cross sections used in the "as-built" conditions HEC-2 model;
  - a portion of FIRM number 421895, panel 0010 A, dated February 17, 1988, outlining the subject property;
  - completed application/certification forms, including community concurrence with the revision;

- a HEC-2 hydraulic model of the 1% annual chance flood and floodway, dated February 5, 1998, for Aquashicola Creek, which represents the “as-built” conditions for the subject area; and
- a letter dated March 30, 1998, from [REDACTED] owner of Blue Mountain Village, stating that he accepts the increase in the flood hazards shown on this map revision.

We received all data necessary to process this revision by March 30, 1998.

Based on our review of the submitted data, we are issuing this LOMR to reflect increases and decreases in 1% annual chance water-surface elevations and a widening and narrowing of the 1% annual chance floodplain from a point approximately 0.8 mile downstream of Faulstick Road to a point approximately 0.5 mile downstream of Faulstick Road. The maximum increase in 1% annual chance water-surface elevations is approximately 1.0 foot. Because of the replacement of two bridges in the vicinity of Chicola Lake, we are also removing Reference Mark (RM) 18 and RM 19, both of which had been located on the bridges prior to their replacement. This LOMR revises the Township of Ross FIS report, Table 2 (Regulatory Data), and Flood Profile 01P, and FIRM number 421895, panel 0010 A, all dated February 17, 1988, as shown on the enclosed annotated portions of the FIS report and the digitally reproduced portion of the FIRM.

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 Pocono Record on or about June 2, 1998, and June 9, 1998. 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 Pocono Record 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 Pocono Record, 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 changed.

We based this determination on the 1% annual chance flood discharges computed in the February 17, 1988, FIS for your community without considering subsequent changes in watershed characteristics that could increase flood discharges. 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 subsequent to the publication of the February 17, 1988, FIS for your community 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 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 Township of Ross 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 Township of Ross to reflect this determination. However, we will incorporate this determination when we next republish the Township of Ross 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.

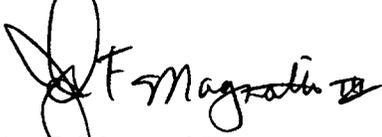
NFIP regulations Subparagraph 60.3(b)(7) requires communities to "assure that the flood carrying capacity within the altered or relocated portion of any watercourse is maintained." This provision is incorporated into your community's existing floodplain management regulations; therefore, responsibility 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 and FIRM 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) 646-3932, or by facsimile at (202) 646-4596.

Sincerely,



John F. Magnotti III  
Project Engineer  
Hazards Study Branch  
Mitigation Directorate

For: Matthew B. Miller, P.E., Chief  
Hazards Study Branch  
Mitigation Directorate

Enclosures

cc:



State Coordinator

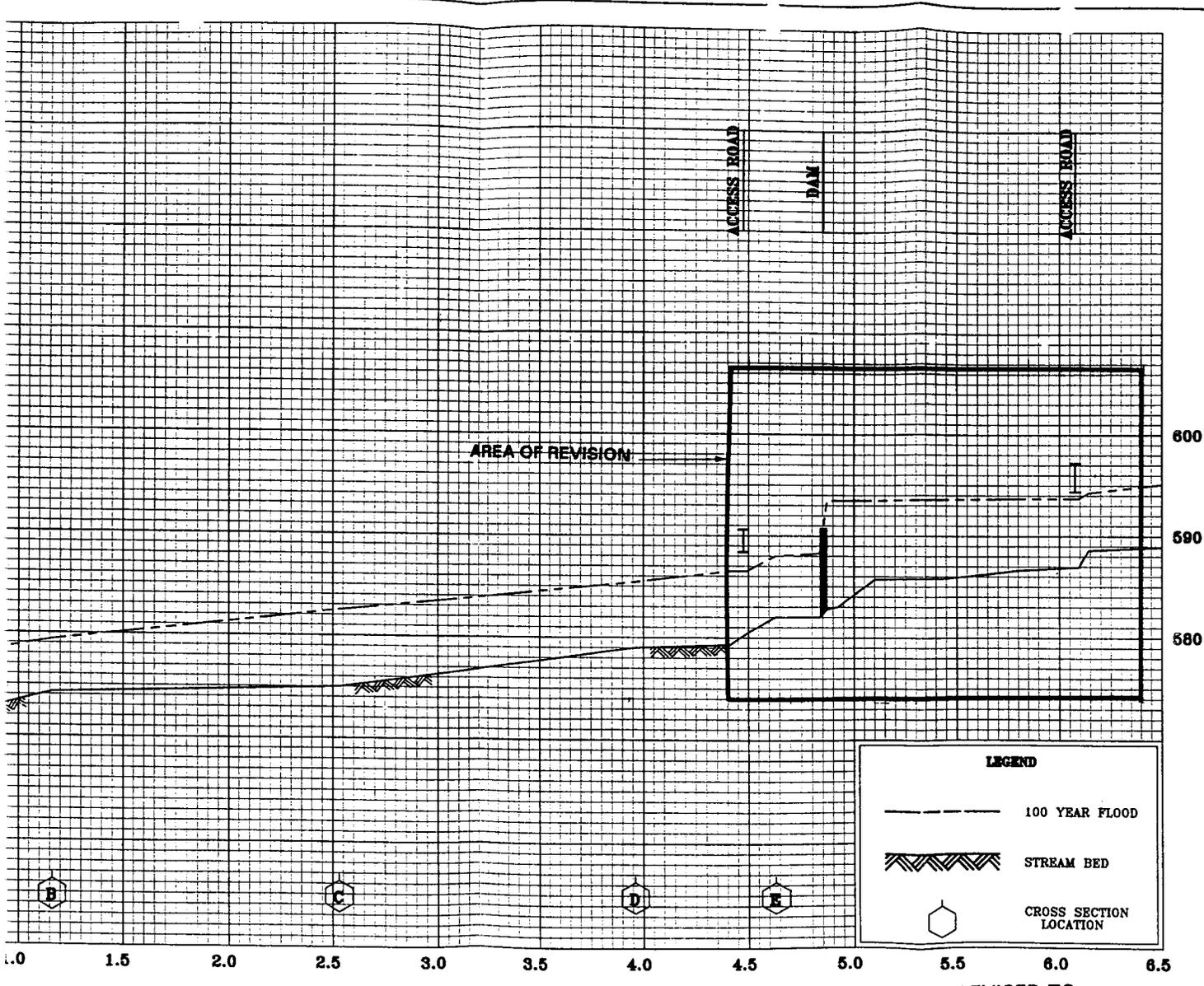
FLOODING SOURCE		STREAM CHANNEL			LEFT OVERBANK			RIGHT OVERBANK			100 YEAR FLOOD WATER SURFACE ELEVATION (NGVD)	
AREA OF REVISION		DISTANCE (FT.)	WIDTH (FT.)	DISCHARGE (CFS)	MEAN VELOCITY (FT./SEC.)	WIDTH (FT.)	DISCHARGE (CFS)	MEAN VELOCITY (FT./SEC.)	WIDTH (FEET)	DISCHARGE (CFS)		MEAN VELOCITY (FT./SEC.)
A		600	30	1030	6.3	20	110	1.9	130	560	1.8	577.4
B		1160	10	260	5.4	120	680	2.0	150	760	1.9	579.4
C		2530	10	460	5.2	95	340	1.4	135	900	1.8	582.5
D		3960	15	630	6.1	10	40	1.6	160	1030	2.1	585.4
E		4625	35	1280	3.6	60	110	1.1	50	310	1.5	588.0
F		7140	25	590	3.6	180	620	1.2	80	480	1.4	596.0
G		8430	20	540	4.3	95	560	1.6	105	590	1.6	600.7
H		9690	20	730	4.4	85	430	1.4	75	530	1.7	603.5
I		10780	20	490	3.6	70	320	1.3	115	880	1.5	604.6
J		13530	20	200	2.1	480	1200	0.8	100	290	0.8	606.4
K		15480	15	360	3.5	185	1030	1.4	75	310	1.3	609.1
L		17100	20	640	6.6	15	20	1.4	425	1040	1.6	612.1
M		18210	15	420	6.5	280	890	1.9	110	390	1.9	614.9
N		18840	50	1190	4.5	100	220	1.4	95	290	1.5	616.8
O		19520	15	560	7.2	240	770	2.0	55	360	2.7	619.0
P		21170	15	330	3.7	290	570	1.1	170	800	1.5	624.3
Q		22330	60	1530	7.6	50	100	2.1	20	80	2.4	627.9

REVISED TO REFLECT LOMR EFFECTIVE MAY 26 1998

FEDERAL EMERGENCY MANAGEMENT AGENCY  
 Township of Ross  
 Monroe County  
 Pennsylvania

Aquashicola Creek

TABLE 2



**LEGEND**

- 100 YEAR FLOOD
- STREAM BED
- CROSS SECTION LOCATION

STREAM DISTANCE IN THOUSANDS OF FEET ABOVE CORPORATE LIMITS

REVISED TO  
REFLECT LOMR  
EFFECTIVE MAY 26 1998

FLOOD PROFILES  
**AQUASHICOLA CREEK**

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FEDERAL EMERGENCY MANAGEMENT AGENCY  
**TOWNSHIP OF ROSS, PA**  
(MONROE CO.)

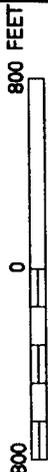
**01P**

**MAP LEGEND**

REVISED 100-YEAR FLOODPLAIN



APPROXIMATE SCALE



**NATIONAL FLOOD INSURANCE PROGRAM**

**FIRM  
FLOOD INSURANCE RATE MAP**

TOWNSHIP OF  
ROSS, PENNSYLVANIA  
MONROE COUNTY

PANEL 10 OF 10

(SEE MAP INDEX FOR PANELS NOT PRINTED)

COMMUNITY - PANEL NUMBER  
421895 0010 A

EFFECTIVE DATE:  
FEBRUARY 17, 1988

REVISED TO REFLECT  
LOMR EFFECTIVE:

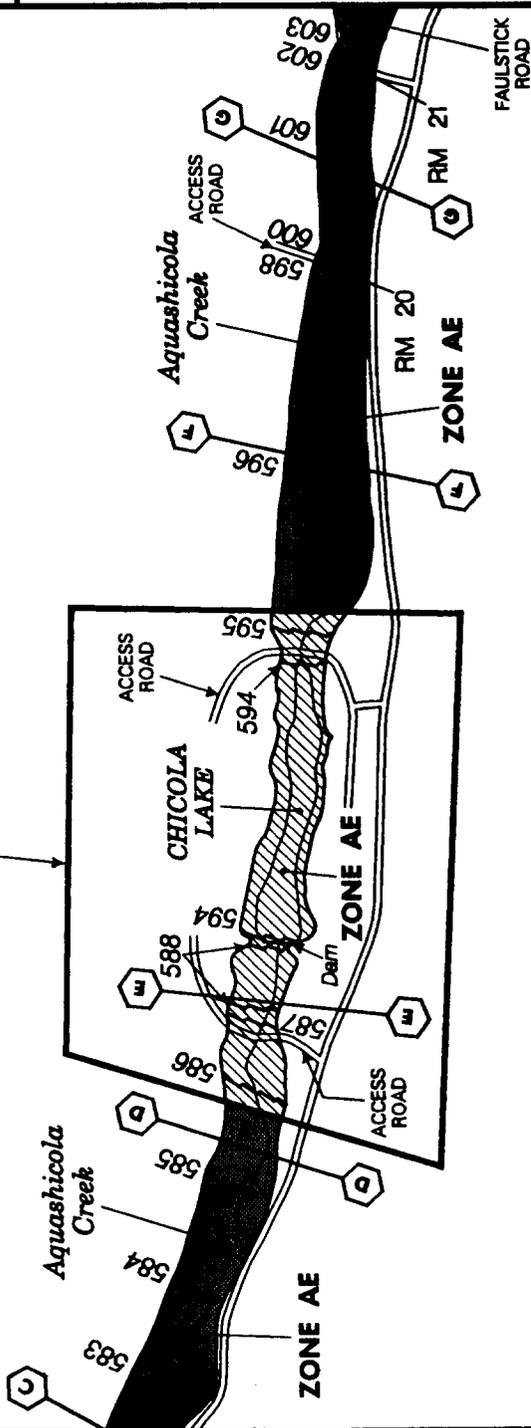
MAY 26 1998



Federal Emergency Management Agency

**AREA OF  
REVISION**

**ZONE X**



**ZONE X**

**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: MAY 26 1998  
Community: Township of Ross, Monroe County, Pennsylvania  
Community Number: 421895  
Page Number: 1 of 1

**CURRENT EFFECTIVE FLOOD INSURANCE STUDY DATE:** February 17, 1988

**FLOOD INSURANCE RATE MAP**

Index Date: February 17, 1988

<u>Panel Numbers</u>	<u>Effective Date</u>
0005 A, 0010 A	February 17, 1988

**LETTERS OF MAP REVISION**

<u>Panel Numbers</u>	<u>Effective Date</u>
0010 A	MAY 26 1998

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

None

**BEST AVAILABLE DATA LETTERS**

None