



Federal Emergency Management Agency

Washington, D.C. 20472

APR 27 1998

CERTIFIED MAIL
RETURN RECEIPT REQUESTED

Mr. Roland Delmotte
Chairman of the Board of Supervisors
for the Township of Tioga
RR 2, Box 38A
Tioga, Pennsylvania 16946

IN REPLY REFER TO:

Case Number: 98-03-005P
Community Name: Township of Tioga,
Tioga County, Pennsylvania
Community Number: 420828
Map Panel Number: 420828 0008
Effective Date of
this Revision: **MAY 27 1998**

102-I (c)

Dear Mr. Delmotte:

The Flood Insurance Rate Map (FIRM) for the Township of Tioga has been revised by this Letter of Map Revision (LOMR) to reflect more up-to-date topographic information along Elkhorn Creek than that used to prepare the Flood Insurance Study (FIS), dated February 15, 1980, and the FIRM and Flood Boundary and Floodway Map (FBFM), both dated August 15, 1980. The subject area is located from the upstream side of State Route 287 to a point approximately 2,000 feet upstream of State Route 287. This revision was initiated by the Federal Emergency Management Agency (FEMA) on October 17, 1997.

We obtained the following technical information in support of this revision:

- HEC-2 hydraulic modeling, dated August 1977, of the 1% annual chance (100-year) floodplain and floodway for Elkhorn Creek, duplicating the model used to prepare the February 15, 1980, FIS.
- a U.S. Geological Survey topographic map, entitled Tioga Quadrangle, dated 1986, at a scale of 1"=2,000', with a contour interval of 20 feet; and
- a road map, dated January 24, 1996, entitled Tioga, Second Class Township Map, Tioga County.

Based on our review, we are issuing this LOMR to reflect increases in the 1% and 0.2% (500-year) annual chance floodplains along Elkhorn Creek from the upstream side of State Route 287 to a point approximately 2,000 feet upstream of State Route 287. This LOMR revises the Township of Tioga FIRM number 420828, panel 0008 C, dated August 15, 1980, as shown on the enclosed digitally reproduced portion of the aforementioned FIRM. This revision does not involve any floodway changes; therefore, we are not enclosing an annotated FBFM.

This revision will become effective 30 days from the date of this letter. Any requests to review or alter this determination should be made within 30 days and must be based on scientific or technical data.

We based this determination on the 1% annual chance flood discharges computed in the February 15, 1980, 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 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/or State law have been obtained. State 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 State of Pennsylvania or the Township of Tioga has adopted more restrictive or comprehensive floodplain management criteria, those criteria take precedence over the minimum National Flood Insurance Program (NFIP) requirements.

Because of funding constraints, we must limit the number of map republications. Consequently, we will not republish the FIRM for the Township of Tioga to reflect this determination. However, we will incorporate this determination when we next republish FIRM panel 0008. 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.

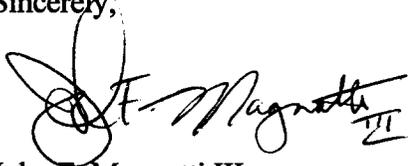
We have enclosed a document entitled "List of Current Flood Insurance Study Data," which includes this letter, to help your community maintain all information for floodplain management and flood insurance. If any of the items in that document are not filed in your community's map repository, please contact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

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, and FBFM, and modifications made by this LOMR, are the minimum requirements for continued NFIP participation and do not supersede more stringent State or local requirements to which the regulations apply.

If you have any questions, please do not hesitate to contact the Director, Mitigation Division of FEMA 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,

A handwritten signature in black ink, appearing to read "John F. Magnotti III". The signature is stylized with a large, circular flourish at the beginning and a horizontal line at the end.

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

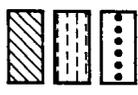
For: Matthew B. Miller, P.E., Chief
Hazards Study Branch
Mitigation Directorate

Enclosures

cc: Ms. Susan Brown, Township of Tioga Secretary
State Coordinator

MAP LEGEND

- REVISED 100-YEAR FLOODPLAIN
- REVISED 500-YEAR FLOODPLAIN
- BOUNDARY DIVIDING SPECIAL FLOOD HAZARD ZONES



APPROXIMATE SCALE



NATIONAL FLOOD INSURANCE PROGRAM

FIRM
FLOOD INSURANCE RATE MAP
 TOWNSHIP OF
 TIOGA, PENNSYLVANIA
 TIOGA COUNTY

PANEL 8 OF 17

(SEE MAP INDEX FOR PANELS NOT PRINTED)

COMMUNITY - PANEL NUMBER
 420828 0008 C

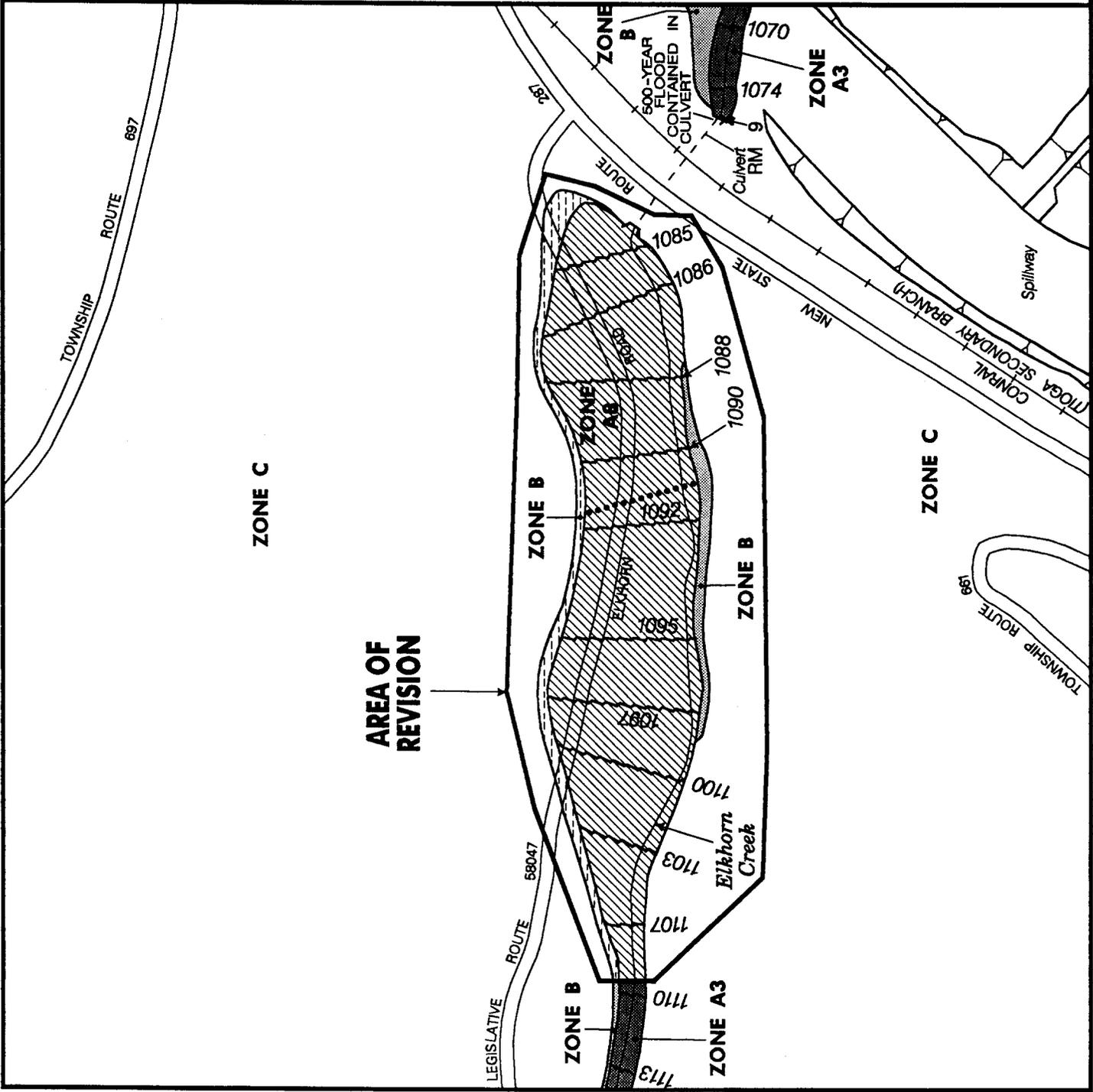
EFFECTIVE DATE:
 AUGUST 15, 1980

REVISED TO REFLECT
 LOMR EFFECTIVE:

MAY 27 1998



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: APR 27 1998
Community: Township of Tioga, Pennsylvania
Community Number: 420828
Page Number: 1 of 1

CURRENT EFFECTIVE FLOOD INSURANCE STUDY DATE: February 15, 1980

FLOOD INSURANCE RATE MAP

Index Date: August 15, 1980

<u>Panel Numbers</u>	<u>Effective Date</u>
0004 C, 0005 C, 0008 C, 0009 C, 0012 C, 0013 C	August 15, 1980

FLOOD BOUNDARY AND FLOODWAY MAP

Index Date: August 15, 1980

<u>Panel Numbers</u>	<u>Effective Date</u>
0004 C, 0005 C, 0008 C, 0009 C, 0012 C, 0013 C	August 15, 1980

LETTERS OF MAP REVISION

<u>Panel Numbers</u>	<u>Effective Date</u>
0008 C	MAY 27 1998

LETTERS OF MAP AMENDMENT AND MAP REVISION BASED ON FILL

<u>Panel Numbers</u>	<u>Effective Date</u>
0008 C	April 3, 1996

BEST AVAILABLE DATA LETTERS

None