



Federal Emergency Management Agency

Washington, D.C. 20472

OCT 23 1997

CERTIFIED MAIL
RETURN RECEIPT REQUESTED

Mr. Donald Suit
Chairman of the Township of Ferguson
Board of Supervisors
3147 Research Drive
State College, Pennsylvania 16801

IN REPLY REFER TO:

Case Number: 97-03-101P
Community Name: Township of Ferguson,
Centre County, Pennsylvania
Community Number: 420260
Map Panel Number: 0005
Effective Date of
this Revision: OCT 23 1997

102-D

Dear Mr. Suit:

The Flood Insurance Study (FIS) and Flood Insurance Rate Map (FIRM) for the Township of Ferguson have been revised by this Letter of Map Revision (LOMR) to reflect construction of a culvert connecting two existing culverts along an unnamed tributary to Big Hollow Run. The subject area is located in the vicinity of the intersection of Martin Street and T-743. This revision was initiated by [REDACTED] in a letter dated June 6, 1997. The subject area is shown on the Township of Ferguson FIRM number 420260, panel 0005 D, dated January 5, 1996.

We received the following data, prepared by [REDACTED] in support of this revision:

- an undated hydrologic analysis computing the 1% annual chance (100-year) flood discharge using the Rational Method;
- an HY-8 culvert analysis, dated June 25, 1997, demonstrating that the 1% annual chance discharge is contained in the culvert;
- certified plans, dated June 7, 1995, entitled Dreibelbis Lot 7A Culvert Extention [sic], specifying the dimensions and location of the culvert;
- a copy of the January 5, 1996, Township of Ferguson FIRM number 420260, panel 0005 D, annotated to show the proposed revision;
- a letter, dated August 12, 1997, signed by [REDACTED] acknowledging responsibility for culvert maintenance in accordance with the Township of Ferguson stormwater ordinance;

- a letter, dated August 5, 1997, signed by Mr. Jeffrey S. Ressler, Zoning Officer, Township of Ferguson, stating no objections to the proposed LOMR; and
- completed certification/application forms.

We received all data necessary to process this revision by September 18, 1997.

Based on our review of the submitted data, we are issuing this LOMR to reflect narrowing in the 1% annual chance floodplain (Zone A). This LOMR revises the Ferguson Township FIRM number 420260, panel 0005 D, dated January 5, 1996, as shown on the enclosed annotated portions of FIRM number 420260, panel 0005 D.

This revision is effective as of 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 discharges computed by the Rational Method. 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 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 Ferguson 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 FIS and FIRM for the Township of Ferguson to reflect this determination. However, we will incorporate this determination when we next republish FIRM panel 0005. 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 an updated version of a document entitled "List of Current Flood Insurance Study Data," which now 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.

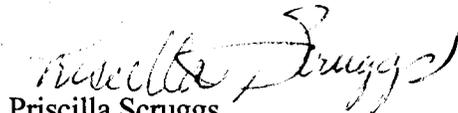
NFIP regulations Subparagraph 60.3(b)(7) requires communities to "assure that the flood carrying capacity within the altered or relocated portion of any watercourse is maintained." This provision is incorporated into your community's existing floodplain management regulations; therefore, responsibility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

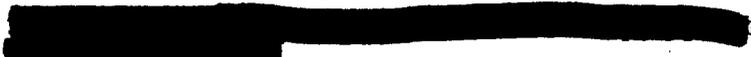
Sincerely,


Priscilla Scruggs
Project Engineer
Hazard Identification Branch
Mitigation Directorate

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

Enclosures

cc:




Commonwealth Coordinator

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: OCT 23 1997

This list replaces
previous list dated: July 14, 1997

Community: Township of Ferguson, Centre County, Pennsylvania

Community Number: 420260

Page Number: 1 of 1

CURRENT EFFECTIVE FLOOD INSURANCE STUDY DATE: January 5, 1996

FLOOD INSURANCE RATE MAP

Index Date: January 5, 1996

Panel Numbers
0005 D, 0010 C

Effective Date
January 5, 1996

0015 B

July 17, 1989

FLOOD BOUNDARY AND FLOODWAY MAP

None

LETTERS OF MAP REVISION

Panel Numbers
0005 D

Effective Date
February 4, 1997
July 14, 1997

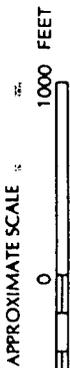
OCT 23 1997

LETTERS OF MAP AMENDMENT AND MAP REVISION BASED ON FILL

None

BEST AVAILABLE DATA LETTERS

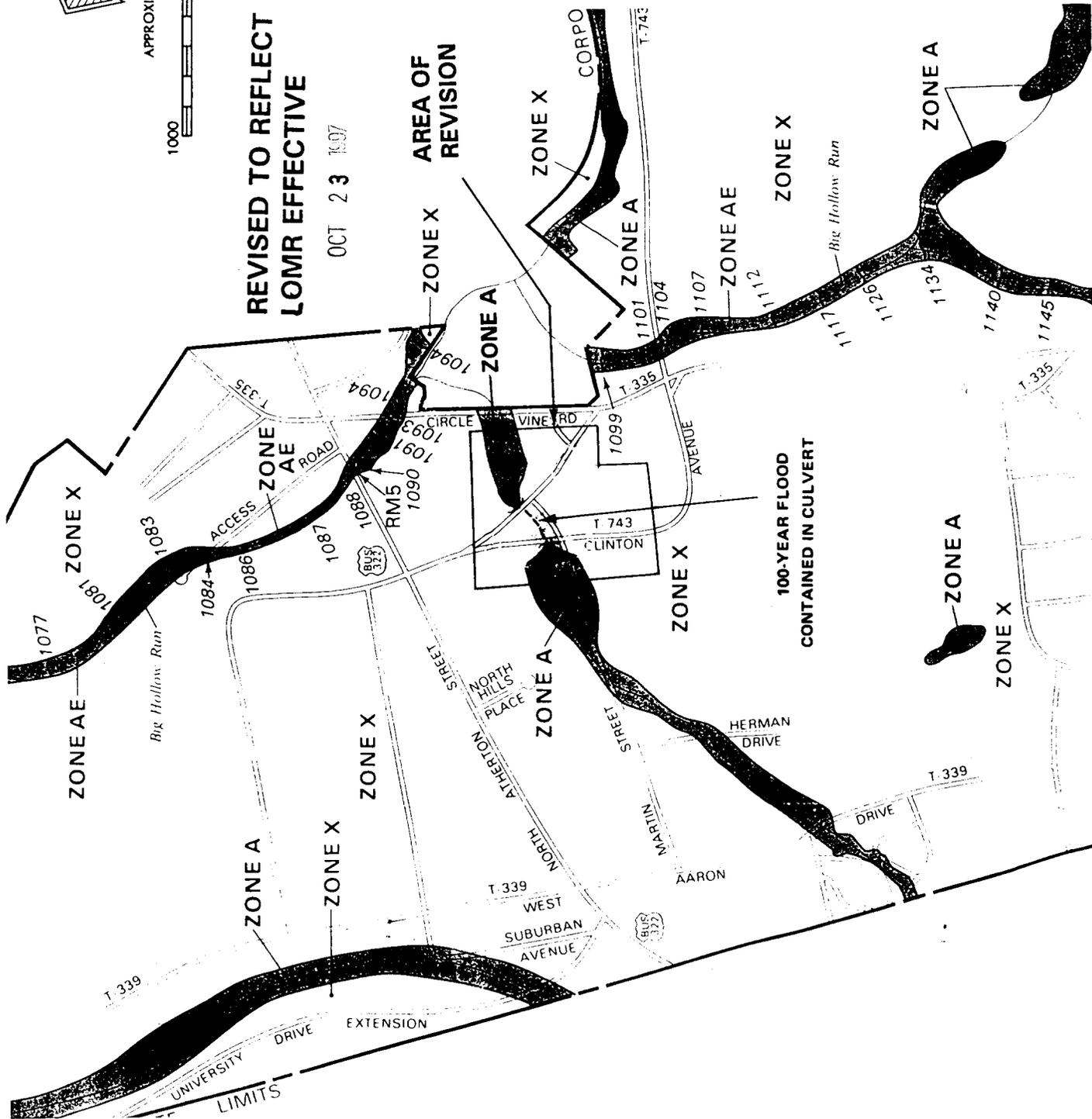
None



**REVISED TO REFLECT
LOMR EFFECTIVE**

OCT 23 1997

**AREA OF
REVISION**



NATIONAL FLOOD INSURANCE PROGRAM

**FIRM
FLOOD INSURANCE RATE MAP**

TOWNSHIP OF
FERGUSON,
PENNSYLVANIA
CENTRE COUNTY

PANEL 5 OF 15
(SEE MAP INDEX FOR PANELS NOT PRINTED)



PANEL LOCATION

COMMUNITY-PANEL NUMBER
420260 0005 D

MAP REVISED:
JANUARY 5, 1996



Federal Emergency Management Agency