Federal Emergency Management Agency

Washington, D.C. 20472

APR 16 1999

CERTIFIED MAIL
RETURN RECEIPT REQUESTED

Mr. Karl A. Bolognese
Chairman of Board of Supervisors
Township of Maidencreek
P.O. Box 529
Blandon, Pennsylvania 19510

IN REPLY REFER TO:

Case Number:	99-03-003P
Community Name:	Township of Maidencreek, Berks County, Pennsylvania
Community Number:	421078
Map Number:	42011C0359
Effective Date of this Revision:	JUL 29 1999

102-I-A (c)

Dear Mr. Bolognese:

The Flood Insurance Study (FIS) and Flood Insurance Rate Map (FIRM) have been revised by this Letter of Map Revision (LOMR) to reflect new detailed hydrologic and hydraulic analyses, as well as more detailed and up-to-date topographic information along Willow Creek and Willow Creek Tributary than that used to prepare the December 5, 1997, FIRM for Berks County, Pennsylvania (All Jurisdictions). The subject areas are located along Willow Creek from a point approximately 2,500 feet downstream of Schaeffer Road to a point just downstream of Schaeffer Road, and along Willow Creek Tributary from its confluence with Willow Creek to a point approximately 760 feet upstream of its confluence with Willow Creek. This revision was initiated by Mr. Thomas S. Unger, P.E., Township Engineer, of Systems Design Engineering, Inc., in a letter dated October 8, 1998.

We received the following technical data, prepared by Ludgate Engineering Corporation, in support of this revision:

- a PSRM hydrologic model, dated February 1987, of the 1% annual chance (100-year flood) discharge, reflecting existing conditions;
- a HEC-2 hydraulic model, dated March 30, 1988, of the 1% annual chance flood for Willow Creek and Willow Creek Tributary, reflecting existing conditions;
- a topographic map, dated January 23, 1989, titled Maidencreek Estates, at a scale of 1"=50', with a contour interval of 2 feet, reflecting the existing conditions 1% annual chance floodplain; and
- copies of letters, dated February 26, 1999, and March 31, 1999, from the Township of Maidencreek, notifying the affected property owners of the proposed changes to the 1% annual chance floodplain on their property.

We received all data necessary to process this revision by April 1, 1999.

Based on our review of the submitted data, we are issuing this LOMR to reflect narrowing of the 1% annual chance floodplain and the addition of Base (1% annual chance) Flood Elevations (BFEs) for a portion of Willow Creek from a point approximately 2,500 feet downstream of Schaeffer Road to a point just downstream of Schaeffer Road, and for Willow Creek Tributary from its confluence with Willow Creek to a point approximately 760 feet upstream of its confluence with Willow Creek. This LOMR revises the Berks County, Pennsylvania (All Jurisdictions) FIS, dated December 5, 1997, by adding Flood Profiles 263P(a) and 265P(a) and revises FIRM number 42011C0359 E, and Flood Profile 263P in the FIS, both dated December 5, 1997, as shown on the enclosed annotated portions of the FIS and FIRM.

We have enclosed a copy of the public notification of the revised BFEs, which will be published in the Reading Eagle/Reading Times on or about April 23, 1999, and April 30, 1999. 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; instead your community will serve as a repository for the new data. Therefore, we encourage you to supplement the notification to appear in the Reading Eagle/Reading Times 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 Reading Eagle/Reading Times, a citizen may request that we reconsider this determination. Any request for reconsideration must be based on scientific or technical data. Therefore, this letter will be effective only after the 90-day appeal period elapses and we resolve any appeals that we receive during this appeal period. Until this LOMR is effective, the revised BFEs presented in this LOMR may be changed.

We based this determination on the 1% annual chance flood discharges computed in the aforementioned PSRM hydrologic model. However, please note that PSRM is not a Federal Emergency Management Agency (FEMA) accepted hydrologic model. For verification, we compared the drainage area and discharge values of this LOMR with the values used in the December 5, 1997, FIS, which used the U.S. Geological Survey (USGS) regional methods to compute the 1% annual chance flood discharge and found them to be similar. 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 Township of Maidencreek 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 republications. Consequently, we will not republish the FIS and FIRM for Berks County, Pennsylvania (All Jurisdictions) to reflect this determination. However, we will incorporate this determination when we next republish the FIS and FIRM number 42011C0359.

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.

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 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: [redacted] Constituent Service Representative, Congressman Tim Holden
Mr. Thomas S. Unger, P.E.
[redacted] Ludgate Engineering Corporation
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: APR 16 1999

Community: Township of Maidencreek, Berks County, Pennsylvania

Community Number: 421078

Page Number: 1 of 1

CURRENT EFFECTIVE FLOOD INSURANCE STUDY DATE: December 5, 1997

FLOOD INSURANCE RATE MAP

Index Date: December 5, 1997

Panel Numbers	Effective Date
42011C0352 E, 42011C0354 E, 42011C0358 E, 42011C0359 E, 42011C0360 E, 42011C0366 E, 42011C0367 E, 42011C0378 E 42011C0379 E, 42011C0380 E, and 42011C0386 E	December 5, 1997

LETTERS OF MAP REVISION

Panel Numbers	Effective Date
42011C0359 E	JUL 29 1999

LETTERS OF MAP AMENDMENT AND MAP REVISION BASED ON FILL

Panel Numbers	Effective Date
42011C0358 E	July 10, 1998
42011C0359 E	April 15, 1998
42011C0367 E	March 25, 1998

BEST AVAILABLE DATA LETTERS

None

MAP LEGEND

REVISED 100-YEAR FLOODPLAIN

BOUNDARY DIVIDING SPECIAL FLOOD HAZARD ZONES

APPROXIMATE SCALE

500 0 500 FEET

NATIONAL FLOOD INSURANCE PROGRAM

FIRM

FLOOD INSURANCE RATE MAP

BERKS COUNTY,
PENNSYLVANIA
(ALL JURISDICTIONS)

PANEL 359 OF 678

(SEE MAP INDEX FOR PANELS NOT PRINTED)

CONTAINS:

COMMUNITY	NUMBER	PANEL	SUFFIX
MAIDENCREEK, TOWNSHIP OF	421078	0359	E

Notice to User: The MAP NUMBER shown below should be used when placing map orders; the COMMUNITY NUMBER shown above should be used on insurance applications for the subject community.

MAP NUMBER
42011C0359 E

EFFECTIVE DATE:
DECEMBER 5, 1997

REVISED TO REFLECT LOMR EFFECTIVE:

JUL 29 1999

Federal Emergency Management Agency

FLOOD PROFILES

WILLOW CREEK

FEDERAL EMERGENCY MANAGEMENT AGENCY

BERKS COUNTY, PA

(ALL JURISDICTIONS)

263P

FLOOD PROFILES

WILLOW CREEK

FEDERAL EMERGENCY MANAGEMENT AGENCY

BERKS COUNTY, PA

(ALL JURISDICTIONS)

263P(a)

FLOOD PROFILES

WILLOW CREEK TRIBUTARY

FEDERAL EMERGENCY MANAGEMENT AGENCY

BERKS COUNTY, PA

(ALL JURISDICTIONS)

265P(a)