Federal Emergency Management Agency

Washington, D.C. 20472
JUN 11 1999

CERTIFIED MAIL
RETURN RECEIPT REQUESTED

Ms. Cheryl L. Johnson
Chairperson of the Lower Heidelberg
Board of Supervisors
151 Steely Road
Sinking Spring, Pennsylvania 19608

IN REPLY REFER TO:

Case Number:	99-03-109P
Community Name:	Township of Lower Heidelberg, Berks County, Pennsylvania
Community Number:	421077
Map Panel Number:	42011C0483
Effective Date of this Revision:	JUN 11 1999

102-D

Dear Ms. Johnson:

The Flood Insurance Rate Map (FIRM) for Berks County (All Jurisdictions), which includes the Township of Lower Heidelberg, has been revised by this Letter of Map Revision (LOMR) to reflect detailed hydrologic and hydraulic analyses, as well as more detailed and up-to-date topographic information along Little Cacoosing Creek than that used to prepare the December 5, 1997, FIRM for Berks County, Pennsylvania (All Jurisdictions). The subject area is located from a point approximately 450 feet upstream of Green Valley Road to a point approximately 2,100 feet downstream of Green Valley Road. This revision was initiated by [redacted]. [redacted] in a letter received on May 6, 1999.

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

- a hydrologic analysis prepared using the Penn State Runoff Model, dated October 1987, of the 1% annual chance (100-year) flood discharge for Little Cacoosing Creek, reflecting existing conditions;
- a HEC-2 hydraulic model, dated May 12, 1987, of the 10% (10-year) and 1% annual chance floods for Little Cacoosing Creek, reflecting existing conditions;
- a site plan, dated July 12, 1991, titled Utility and Grading Plan, Green Valley Estates, at a scale of 1"=50', reflecting the existing conditions 1% annual chance floodplain;
- a site plan, dated April 11, 1988, titled Utility and Stormwater Management Plan, Green Valley Estates, at a scale of 1"=50', reflecting the existing conditions 1% annual chance floodplain;
- a site plan, dated January 19, 1999, titled Preliminary Plan, Utility/Grading Plan, Green Valley Estates, at a scale of 1"=50', reflecting the existing conditions 1% annual chance floodplain;

- a site plan, dated March 17, 1992, titled Phase 3 Utility Plan, Final Plan, Green Valley Estates, at a scale of 1"=50', reflecting the existing conditions 1% annual chance floodplain;

- an annotated copy of the Township of Berks County (All Jurisdictions) FIRM number 42011C0483 E, dated December 5, 1997, reflecting the revised 1% annual chance floodplain; and

- community concurrence with the revision.

We received all data necessary to process this revision by May 6, 1999.

Based on our review of the submitted data, we are issuing this LOMR to reflect a narrowing of the 1% annual chance floodplain along Little Cacoosing Creek, from a point approximately 300 feet upstream of Green Valley Road to a point approximately 2,100 feet downstream of Green Valley Road, and changes in road locations for Pacific Avenue and St. James Place. This LOMR revises Berks County (All Jurisdictions) FIRM number 42011C0483 E, dated December 5, 1997, as shown on the enclosed annotated portions of the FIRM.

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 flood discharges computed in the December 5, 1997, Flood Insurance Study (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 December 5, 1997, 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 Lower Heidelberg 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 Berks County (All Jusisdictions) to reflect this determination. However, we will incorporate this determination when we next republish FIRM number 42011C0483.

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 map. In that way, interested persons, such as property owners, insurance agents, and mortgage lenders, can benefit from the information.

We have enclosed a document titled "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 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: [redacted]
Commonwealth Coordinator

MAP LEGEND

REVISED 100-YEAR FLOODPLAIN

N

APPROXIMATE SCALE

500 0 500 FEET

NATIONAL FLOOD INSURANCE PROGRAM

FIRM

FLOOD INSURANCE RATE MAP

BERKS COUNTY, PENNSYLVANIA

(ALL JURISDICTIONS)

PANEL 483 OF 678

(SEE MAP INDEX FOR PANELS NOT PRINTED)

CONTAINS:

COMMUNITY	NUMBER	PANEL	SUFFIX
LOWER HEIDELBERG, TWP OF	421077	0483	E
SINKING SPRING BOROUGH OF	421150	0483	E
SOUTH HEIDELBERG, TWP OF	421107	0483	E
SPRING, TOWNSHIP OF	421108	0483	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
42011C0483 E

EFFECTIVE DATE:
DECEMBER 5, 1997

REVISED TO REFLECT LOMR EFFECTIVE:
JUN 11 1999

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: June 11, 1999

Community: Township of Lower Heidelberg, Berks County, Pennsylvania

Community Number: 421077

Page Number: 1 of 2

CURRENT EFFECTIVE FLOOD INSURANCE STUDY DATE: December 5, 1997

FLOOD INSURANCE RATE MAP

Index Date: December 5, 1997

Panel Numbers	Effective Date
42011C0340 E, 42011C0345 E, 42011C0478 E, 42011C0479 E, 42011C0480 E, 42011C0481 E, 42011C0482 E, 42011C0483 E, 42011C0484 E, 42011C0501 E	December 5, 1997

LETTERS OF MAP REVISION

Panel Numbers	Effective Date
42011C0483E	June 11, 1999

LETTERS OF MAP AMENDMENT AND MAP REVISION BASED ON FILL

Panel Numbers	Effective Date
42011C0479 E	February 4, 1999 May 13, 1999
42011C0480 E	September 18, 1998
42011C0483 E	April 15, 1998 April 19, 1999

BEST AVAILABLE DATA LETTERS

None