



Federal Emergency Management Agency

Washington, D.C. 20472

JUN 16 1997

CERTIFIED MAIL
RETURN RECEIPT REQUESTED

Mr. George A. Weikert
Chairman of the Board for the
Township of Cumberland
1370 Fairfield Road
Gettysburg, Pennsylvania 17325

IN REPLY REFER TO:

Case Number: 97-03-089P
(formerly case number 97-03-027P)
Community Name: Township of Cumberland,
Adams County,
Pennsylvania
Community Number: 421249
Map Panel Numbers: 421249 0005, and
421249 0010

Effective Date of
this Revision: **JUN 16 1997**

102-D

Dear Mr. Weikert:

The Flood Insurance Rate Map (FIRM) for the Township of Cumberland, Pennsylvania, has been revised by this Letter of Map Revision (LOMR) to reflect fill placement and the construction of several structures in the 1% annual chance (100-year) floodplain along Rock Creek. The subject area is located approximately 650 feet downstream of State Route 116. This project also affects flood hazard information for the Borough of Gettysburg. This revision was initiated by [REDACTED] in a letter dated May 21, 1997.

We issued a May 12, 1997, letter denying a previous request to revise the FIRM in this area. However, we agreed to reconsider the case if new fill compaction test results were submitted showing that the fill is compacted to 95% of the maximum density obtainable with the Standard Proctor Test.

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

- a certified topographic map, entitled Location Map and Demolition of Existing Facilities, dated January 1983, at a scale of 1"=30', with a contour interval of 1 foot, showing pre-upgrade conditions for the Gettysburg Municipal Authority wastewater treatment plant;
- a certified topographic map, entitled Grading and Drainage Plan, dated July 1996, at a scale of 1"=30', with a contour interval of 1 foot, showing post-upgrade conditions for the Gettysburg Municipal Authority wastewater treatment plant;
- a copy of the Township of Cumberland, Adams County, FIRM number 421249, panels 0005 B and 0010 B, and Flood Boundary and Floodway Map (FBFM) number 421249, panels 0005 and 0010, all dated September 30, 1981, and annotated to show the revised 1% and 0.2% (500-year) annual chance floodplains;

- a letter, dated August 19, 1996, from [REDACTED], certifying that the site fill was compacted to the specified condition required by the January 1983 project manual;
- a copy of the January 1983 project manual for construction work in connection with the upgrade of the Gettysburg Municipal Authority wastewater treatment plant;
- a copy of a September 25, 1984, soils compaction test report for the Gettysburg Municipal Authority wastewater treatment plant; and
- completed application/certification forms, including community concurrence with the request.

We received all data necessary to process this revision by May 22, 1997.

Based on our review of the submitted data, we are issuing this LOMR to reflect narrowing of the 1% and 0.2% annual chance floodplains for Rock Creek from a point approximately 350 feet downstream of State Route 116 to a point approximately 1,200 feet downstream of State Route 116. This LOMR revises the Township of Cumberland, Adams County, FIRM number 421249, panels 0005 B and 0010 B, dated September 30, 1981, as shown on the enclosed digitally reproduced portions of the FIRM. This revision does not involve any floodway changes; therefore, we are not enclosing an annotated FBFM.

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 hydrologic and hydraulic analyses used in the March 30, 1981, 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 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 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 Cumberland 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 republications. Consequently, we will not republish the FIRM for the Township of Cumberland to reflect this determination. However, we will incorporate this determination when we next republish FIRM panels 0005 and 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.

This revision has met our criteria for removing an area from the 1% annual chance floodplain to reflect the placement of fill. However, we encourage you to require that the lowest adjacent grade and lowest floor (including basement) of any structure placed within the subject area be elevated to a level at or above the base (1% annual chance) flood elevation.

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 panels listed above and revised by this letter for all flood insurance policies and renewals issued in your community.

We remind you of the requirements contained in NFIP regulations Subparagraph 60.3(c)(10), which states that no new construction, substantial improvement, or other development (including fill) shall be permitted within Zones A1-A30 and AE on the community's FIRM, unless it is demonstrated that the cumulative effect of the proposed development, when combined with all other existing and anticipated development, will not increase the water-surface elevation of the base flood by more than 1.0 foot at any point within the community. The effective HEC-2 hydraulic model for Rock Creek, which was enclosed with our May 12, 1997, letter, can be used to determine the effects of the completed upgrade and to determine whether this upgrade will increase the water-surface elevations of the 1% annual chance flood by more than 1.0 foot at any point within the community. If the water-surface elevations of the 1% annual chance flood are increased by more than 1.0 foot, your community should send us updated information, in accordance with NFIP regulations Section 65.3.

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/or FBFM, and 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,

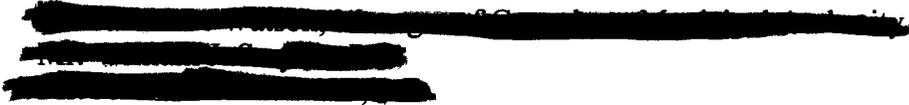


Priscilla Scruggs
Project Engineer
Hazard Identification Branch
Mitigation Directorate

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

Enclosures

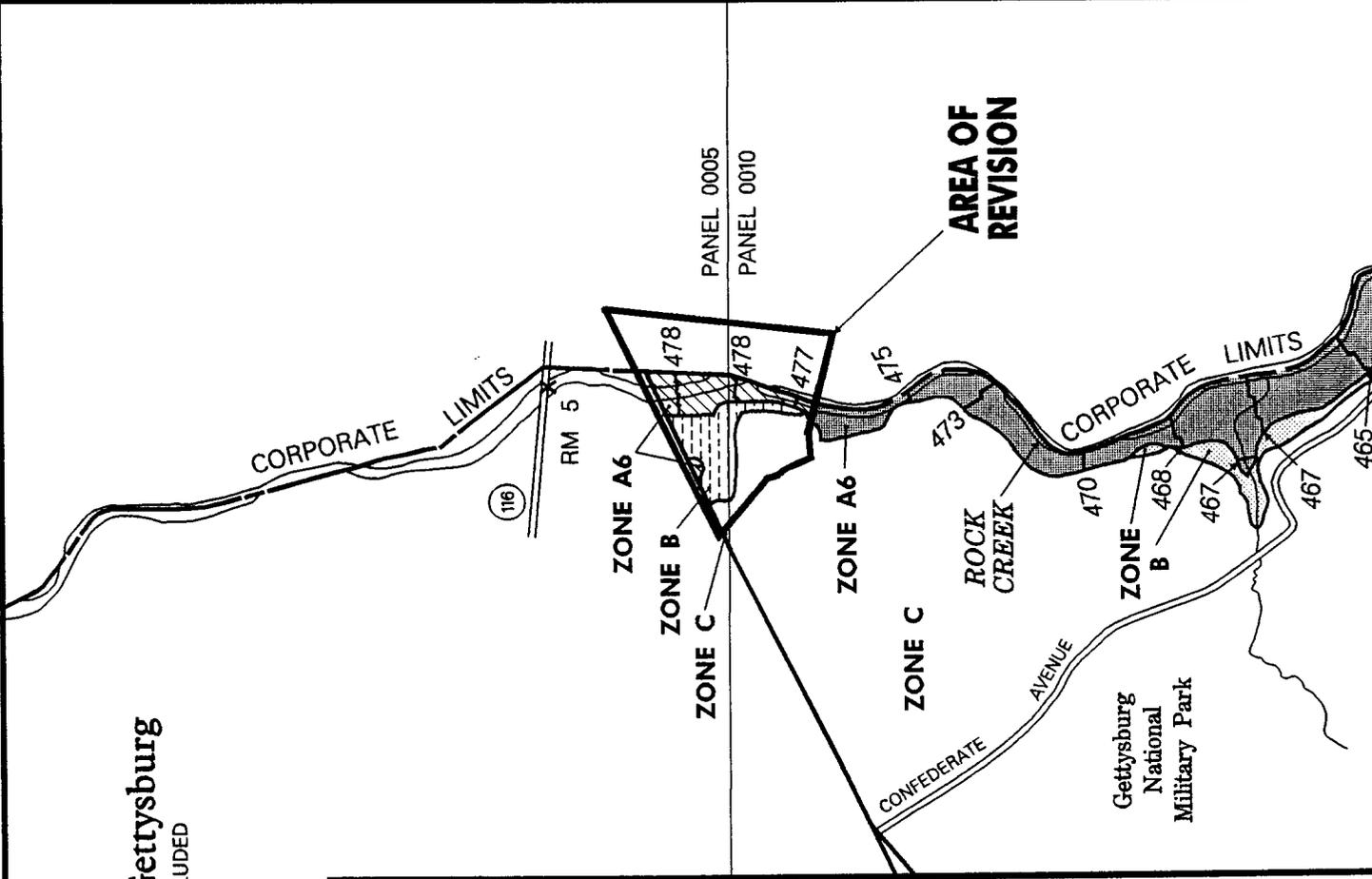
cc:



Commonwealth Coordinator

Borough of Gettysburg

AREA NOT INCLUDED



MAP LEGEND

- REVISED 100-YEAR FLOODPLAIN
- REVISED 500-YEAR FLOODPLAIN



APPROXIMATE SCALE



NATIONAL FLOOD INSURANCE PROGRAM

FIRM FLOOD INSURANCE RATE MAP

TOWNSHIP OF CUMBERLAND, PENNSYLVANIA ADAMS COUNTY

PANEL 5 OF 15

(SEE MAP INDEX FOR PANELS NOT PRINTED)

COMMUNITY - PANEL NUMBER 421249 0005 B

EFFECTIVE DATE: SEPTEMBER 30, 1981

REVISED TO REFLECT LOMR DATED:



Federal Emergency Management Agency

NATIONAL FLOOD INSURANCE PROGRAM

FIRM FLOOD INSURANCE RATE MAP

TOWNSHIP OF CUMBERLAND, PENNSYLVANIA ADAMS COUNTY

PANEL 10 OF 15

(SEE MAP INDEX FOR PANELS NOT PRINTED)

COMMUNITY - PANEL NUMBER 421249 0010 B

EFFECTIVE DATE: SEPTEMBER 30, 1981

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