Federal Emergency Management Agency

Washington, D.C. 20472

FEB 23 1999

CERTIFIED MAIL
RETURN RECEIPT REQUESTED

Mr. George Wolfe
Lower Paxton Township Manager
75 South Houcks Road
Suite 207
Harrisburg, Pennsylvania 17109

IN REPLY REFER TO:

Case Number:	97-03-840P
Community Name:	Township of Lower Paxton, Dauphin County, Pennsylvania
Community Number:	420384
Map Panel Number:	420384 0006
Effective Date of this Revision:	FEB 23 1999

102-I-A

Dear Mr. Wolfe:

The Flood Insurance Study (FIS), Flood Insurance Rate Map (FIRM), and Flood Boundary and Floodway Map (FBFM) for the Township of Lower Paxton have been revised by this Letter of Map Revision (LOMR) to reflect more up-to-date hydraulic modeling and topographic information than that used to prepare the October 15, 1980, FIS along South Branch of Tributary to Goose Valley Run. The subject area is located between Jonestown Road and Sunset Avenue. This revision was initiated by Mr. [redacted], of Hartman & Associates, Inc., in a letter dated June 11, 1997.

We received the following technical data, prepared by Hartman & Associates, Inc., in support of this revision:

- a HEC-2 hydraulic model, dated March 16, 1998, of the 10% (10-year), 2% (50-year), 1% (100-year), and 0.2% (500-year) annual chance floods and floodway for South Branch of Tributary to Goose Valley Run, duplicating the model used to prepare the October 15, 1980, FIS;

- a HEC-2 hydraulic model, dated September 17, 1998, of the 10%, 2%, 1%, and 0.2% annual chance floods and floodway for South Branch of Tributary to Goose Valley Run, representing existing conditions;

- a certified topographic map, titled Hoffman Ford Sales, Inc., dated March 23, 1998, at a scale of 1"=20', with a contour interval of 2 feet, showing cross section locations referenced in the above-mentioned HEC-2 models, and the existing and revised 1% and 0.2% annual chance floodplains and floodway boundaries;

- a copy of a letter, dated December 14, 1998, from the Township of Lower Paxton, notifying the affected property owner of the proposed changes to the 1% and 0.2% annual chance floodplains and floodway on their property; and

- completed application/certification forms, including community concurrence with this request.

We received all data necessary to process this revision by December 21, 1998.

Based on our review of the submitted data, we are issuing this LOMR to reflect increases in the 1% annual chance water surface elevations, narrowing and widening of the 1% annual chance floodplain and floodway, and narrowing of the 0.2% annual chance floodplain for South Branch of Tributary to Goose Valley Run between Jonestown Road and Sunset Avenue. The maximum increase in 1% annual chance water-surface elevation is 0.5 foot and occurs at a point approximately 120 feet downstream of Sunset Avenue. This LOMR revises the Township of Lower Paxton FIS, dated October 15, 1980, Table 2 (Floodway Data) and Flood Profiles 10P and 11P, FIRM number 420384, panel 0006 B, and FBFM number 420384, panel 0006 B, both dated April 15, 1981, as shown on the enclosed digitally reproduced portions of the FIRM and FBFM and annotated portions of the FIS. In addition, Table 2 (Floodway Data) and Flood Profile 11P for South Branch of Tributary to Goose Valley Run have been revised to correct distance discrepancies between the effective hydraulic model and the FIS.

We have enclosed a copy of the public notification of the revised Base (1% annual chance) Flood Elevations (BFEs), which will be published in The Patriot News on or about March 2, 1999, and March 9, 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. Your community will serve as a repository for the new data. Therefore, we encourage you to supplement the notification to appear in The Patriot News 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 Patriot News, a citizen may request that we reconsider this determination. Any request for reconsideration must be based on scientific or technical data. This revision is effective as of the date of this letter. However, until the 90-day period elapses, the revised BFEs presented in this LOMR may be changed.

We based this determination on the 1% annual chance flood discharges computed in the October 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 October 15, 1980, 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 Lower Paxton 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, FIRM, and FBFM for the Township of Lower Paxton to reflect this determination. However, we will incorporate this determination when we next republish FIRM and FBFM panels 0006 and the FIS.

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.

We provide the floodway designation to your community as a tool to regulate floodplain development. Therefore, the floodway modifications we have described in this letter, while acceptable to us, must also be acceptable to your community and adopted by appropriate community action, as specified in Paragraph 60.3(d) of the NFIP regulations.

Use the map panels 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 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: Mr. [redacted]
Commonwealth Coordinator

LOCUST STREET
JOHNSON STREET
WALNUT STREET
LIMIT OF DETAILED STUDY
BEAVER STREET
PINE STREET
HELEN STREET
DRIFTWOOD ROAD
OAK AVENUE
ZONE C
ZONE B
ZONE A
ZONE C
SOUTH LOCHWILLOW AVENUE
RM 6
ZONE A1
SUNSET AVENUE
ZONE B
WOODLAND ROAD
AREA OF REVISION
RM 7
BARBERRY ROAD
South Branch of Tributary to Goose Valley Run
RM 8
ATMORE STREET
ZONE A1
ZONE B
ZONE A1
ZONE B
STREET
JONESTOWN ROAD
CAROLYN
THORNWOOD ROAD
ZONE C
PARKCHESTER ROAD
MAP LEGEND
REVISED 100-YEAR FLOODPLAIN
REVISED 500-YEAR FLOODPLAIN
APPROXIMATE SCALE
400 0 400 FEET
NATIONAL FLOOD INSURANCE PROGRAM
FIRM
FLOOD INSURANCE RATE MAP
TOWNSHIP OF
LOWER PAXTON,
PENNSYLVANIA
DAUPHIN COUNTY
PANEL 6 OF 11
(SEE MAP INDEX FOR PANELS NOT PRINTED)
COMMUNITY - PANEL NUMBER
420384 0006 B
EFFECTIVE DATE:
APRIL 15, 1981
REVISED TO REFLECT
LOMR EFFECTIVE:
FEB 23 1999
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LOCUST STREET
JOHNSON STREET
WALNUT STREET
LIMIT OF DETAILED STUDY
BEAVER STREET
PINE ROAD
HELEN STREET
DRIFTWOOD ROAD
OAK AVENUE
SOUTH LOCHWILLOW AVENUE
SUNSET AVENUE
WOODLAND ROAD
BARBERRY ROAD
ATMORE STREET
RM 6
RM 7
RM 8
22
AREA OF REVISION
South Branch of Tributary to Goose Valley Run
FLOODWAY IN THIS AREA TOO NARROW TO SHOW TO SCALE. REFER TO FLOODWAY DATA TABLE.
FLOODWAY IN THIS AREA IS TOO NARROW TO SHOW TO SCALE. REFER TO FLOODWAY DATA TABLE.
CAROLYN STREET
THORNWOOD ROAD
JONESTOWN ROAD
PARKCHESTER ROAD
MAP LEGEND
REVISED FLOODWAY
REVISED 100-YEAR FLOODPLAIN
REVISED 500-YEAR FLOODPLAIN
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NATIONAL FLOOD INSURANCE PROGRAM
FLOODWAY
FLOOD BOUNDARY AND FLOODWAY MAP
TOWNSHIP OF
LOWER PAXTON, PENNSYLVANIA
DAUPHIN COUNTY
PANEL 6 OF 11
(SEE MAP INDEX FOR PANELS NOT PRINTED)
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FLOODING SOURCE		FLOODWAY			BASE FLOOD WATER SURFACE ELEVATION (FEET NGVD)			
CROSS SECTION	DISTANCE	WIDTH (FEET)	SECTION AREA (SQUARE FEET)	MEAN VELOCITY (FEET PER SECOND)	REGULATORY	WITHOUT FLOODWAY	WITH FLOODWAY	INCREASE
Tributary to Goose Valley Run (continued)								
AA	8,756[1]	37	138	1.1	474.6	474.6	475.2	0.6
AB	9,192[1]	32	29	5.4	480.9	480.9	480.9	0.0
South Branch of Tributary to Goose Valley Run								
A	260[2]	64	121	2.5	455.5	455.5	456.5	1.0
B	960[2]	213	85	3.6	473.4	473.4	473.4	0.0
C	1,440[2]	53	102	3.0	475.9	475.9	475.9	0.0
D	1,460[2]	9	30	10.1	477.7	477.7	478.5	0.8
E	1,496[2]	56	291	1.0	482.3	482.3	483.3	1.0
F	1,596[2]	33	129	0.8	482.3	482.3	483.3	1.0
G	1,746[2]	5	11	9.0	484.7	484.7	484.7	0.0
H	1,853[2]	5	15	7.1	486.4	486.4	486.4	0.0
I	1,903[2]	20	57	1.8	487.3	487.3	487.3	0.0
J	2,270[2]	35	104	1.0	487.9	487.9	488.0	0.1
K	2,320[2]	13	27	3.8	487.9	487.9	487.9	0.0

AREA OF REVISION

REVISED TO REFLECT LOMR EFFECTIVE

FEB 25 [illegible]

[1]Feet above confluence with Goose Valley Run
[2]Feet above confluence with Tributary to Goose Valley Run

TABLE 2

FEDERAL EMERGENCY MANAGEMENT AGENCY

TOWNSHIP OF LOWER PAXTON, PA (DAUPHIN CO.)

FLOODWAY DATA

TRIBUTARY TO GOOSE VALLEY RUN - SOUTH BRANCH OF TRIBUTARY TO GOOSE VALLEY RUN

FLOODING SOURCE		FLOODWAY			BASE FLOOD WATER SURFACE ELEVATION (FEET NGVD)			
CROSS SECTION	DISTANCE[1]	WIDTH (FEET)	SECTION AREA (SQUARE FEET)	MEAN VELOCITY (FEET PER SECOND)	REGULATORY	WITHOUT FLOODWAY	WITH FLOODWAY	INCREASE
South Branch of Tributary to Goose Valley Run (continued)								
L	2,355	96	303	0.3	489.4	489.4	490.0	0.6
M	2,460	115	357	0.3	489.7	489.7	490.0	0.3
N	2,570	6	13	8.0	492.0	492.0	492.6	0.6
O	2,616	7	29	3.6	494.6	494.6	495.3	0.7
P	2,666	35	90	1.2	494.7	494.7	495.4	0.7
Q	2,836	11	15	6.9	497.7	497.7	497.8	0.1

AREA OF REVISION

REVISED TO REFLECT LOMR EFFECTIVE

FEB 23 1999

[1]Feet above confluence with Tributary to Goose Valley Run

TABLE 2

FEDERAL EMERGENCY MANAGEMENT AGENCY

TOWNSHIP OF LOWER PAXTON, PA (DAUPHIN CO.)

FLOODWAY DATA

SOUTH BRANCH OF TRIBUTARY TO GOOSE VALLEY RUN

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: FEB 23 1999

Community: Township of Lower Paxton, Dauphin County, Pennsylvania

Community Number: 420384

Page Number: 1 of 2

CURRENT EFFECTIVE FLOOD INSURANCE STUDY DATE: October 15, 1980

FLOOD INSURANCE RATE MAP

Index Date: April 15, 1981

Panel Numbers	Effective Date
0001 B	April 15, 1981
0002 B	
0003 B	
0005 B	
0006 B	
0007 B	
0009 B	
0010 B	
0011 B	

FLOOD BOUNDARY AND FLOODWAY MAP

Index Date: April 15, 1981

Panel Numbers	Effective Date
0001 B	April 15, 1981
0002 B	
0003 B	
0005 B	
0006 B	
0007 B	
0009 B	
0010 B	
0011 B	

LETTERS OF MAP REVISION

Panel Numbers	Effective Date
0006 B	FEB 23 [illegible]
	June 22, 1993

LETTERS OF MAP AMENDMENT AND MAP REVISION BASED ON FILL

Panel Numbers	Effective Date
0001 B	June 20, 1996
0002 B	December 23, 1996
	November 8, 1996
0006 B	November 21, 1995
	October 29, 1992 (2)[1]

BEST AVAILABLE DATA LETTERS

None

[1] The number in parentheses indicates the number of Letters of Map Correction on this date for this panel.

FEDERAL EMERGENCY MANAGEMENT AGENCY
Federal Insurance Administration

TOWNSHIP OF LOWER PAXTON, PA
(DAUPHIN CO.)

FLOOD PROFILES

SOUTH BRANCH OF TRIBUTARY TO GOOSE VALLEY RUN

10P

FLOOD PROFILES

SOUTH BRANCH OF TRIBUTARY TO GOOSE VALLEY RUN

FEDERAL EMERGENCY MANAGEMENT AGENCY

TOWNSHIP OF LOWER PAXTON, PA

(DAUPHIN CO.)

11P