Federal Emergency Management Agency

Washington, D.C. 20472

LETTER OF MAP REVISION DETERMINATION DOCUMENT

COMMUNITY AND REVISION INFORMATION		PROJECT DESCRIPTION	BASIS OF REQUEST
COMMUNITY	Borough of New Hope Bucks County Pennsylvania	NO PROJECT	FLOODWAY HYDRAULIC ANALYSIS NEW TOPOGRAPHIC DATA
	COMMUNITY NO.: 420195		
IDENTIFIER	Bucks County Playhouse	APPROXIMATE LATITUDE AND LONGITUDE: 40.362, -74.950 SOURCE: Precision Mapping Streets DATUM: NAD 83	

ANNOTATED MAPPING ENCLOSURES	ANNOTATED STUDY ENCLOSURES
TYPE: FIRM* NO.: 42017C0327F DATE: May 18, 1999	DATE OF EFFECTIVE FLOOD INSURANCE STUDY: April 2, 2004 PROFILES: 01P AND 68P FLOODWAY DATA TABLE: 8

Enclosures reflect changes to flooding sources affected by this revision.
* FIRM - Flood Insurance Rate Map

FLOODING SOURCE(S) AND REVISED REACH(ES)

Delaware River - from approximately 1,290 feet downstream of East Bridge Street to approximately 270 feet downstream of East Bridge Street

Aquetong Creek - from the confluence with the Delaware River to approximately 1,000 feet upstream of the confluence

SUMMARY OF REVISIONS

Flooding Source	Effective Flooding	Revised Flooding	Increases	Decreases
Delaware River	Floodway	Floodway	NONE	YES
	BFEs*	BFEs	YES	NONE
Aquetong Creek	BFEs	BFEs	YES	NONE

* BFEs - Base Flood Elevations

DETERMINATION

This document provides the determination from the Department of Homeland Security's Federal Emergency Management Agency (FEMA) regarding a request for a Letter of Map Revision (LOMR) for the area described above. Using the information submitted, we have determined that a revision to the flood hazards depicted in the Flood Insurance Study (FIS) report and/or National Flood Insurance Program (NFIP) map is warranted. This document revises the effective NFIP map, as indicated in the attached documentation. Please use the enclosed annotated map panels revised by this LOMR for floodplain management purposes and for all flood insurance policies and renewals in your community.

This determination is based on the flood data presently available. The enclosed documents provide additional information regarding this determination. If you have any questions about this document, please contact the FEMA Map Information eXchange (FMIX) toll free at 1 877 336 2627 (1 877 FEMA MAP) or by letter addressed to the LOMC Clearinghouse, 847 South Pickett Street, Alexandria, VA 22304-4605. Additional Information about the NFIP is available on our Web site at http://www.fema.gov/business/nfip.

Luis Rodriguez, P.E., Chief
Engineering Management Branch
Federal Insurance and Mitigation Administration

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LETTER OF MAP REVISION
DETERMINATION DOCUMENT (CONTINUED)

COMMUNITY INFORMATION

APPLICABLE NFIP REGULATIONS/COMMUNITY OBLIGATION

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 report and FIRM, and the modifications made by this LOMR, are the minimum requirements for continued NFIP participation and do not supersede more stringent State/Commonwealth or local requirements to which the regulations apply.

We provide the floodway designation to your community as a tool to regulate floodplain development. Therefore, the floodway revision 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.

COMMUNITY REMINDERS

We based this determination on the 1-percent-annual-chance flood discharges computed in the 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 report for your community and could, therefore, establish greater flood hazards in this area.

Your community must regulate all proposed floodplain development and ensure that any permits required by Federal or State/Commonwealth law have been obtained. State/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 your State/Commonwealth or community has adopted more restrictive or comprehensive floodplain management criteria, those criteria take precedence over the minimum NFIP requirements.

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.

This determination is based on the flood data presently available. The enclosed documents provide additional information regarding this determination. If you have any questions about this document, please contact the FEMA Map Information eXchange (FMIX) toll free at 1 877 336 2627 (1 877 FEMA MAP) or by letter addressed to the LOMC Clearinghouse, 847 South Pickett Street, Alexandria, VA 22304-4605. Additional Information about the NFIP is available on our Web site at http://www.fema.gov/business/nfip.

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LETTER OF MAP REVISION
DETERMINATION DOCUMENT (CONTINUED)

We have designated a Consultation Coordination Officer (CCO) to assist your community. The CCO will be the primary liaison between your community and FEMA. For information regarding your CCO, please contact:

Mr. Eugene K. Gruber
Director, Mitigation Division
Federal Emergency Management Agency, Region III
One Independence Mall, Sixth Floor
615 Chestnut Street
Philadelphia, PA 19106-4404
(215) 931-5512

STATUS OF THE COMMUNITY NFIP MAPS

We are currently processing a revision to the FIRM and FIS report for Bucks County, Pennsylvania (All Jurisdictions) in our countywide format. The revised countywide FIRM and FIS report, which include flood hazard information for your community, is projected to become effective in March 2015. The modifications made by this LOMR will be superseded when the countywide FIRM and FIS report become effective.

This determination is based on the flood data presently available. The enclosed documents provide additional information regarding this determination. If you have any questions about this document, please contact the FEMA Map Information eXchange (FMIX) toll free at 1 877 336 2627 (1 877 FEMA MAP) or by letter addressed to the LOMC Clearinghouse, 847 South Pickett Street, Alexandria, VA 22304-4605. Additional Information about the NFIP is available on our Web site at http://www.fema.gov/business/nfip.

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LETTER OF MAP REVISION
DETERMINATION DOCUMENT (CONTINUED)

PUBLIC NOTIFICATION OF REVISION

A notice of changes will be published in the Federal Register. This information also will be published in your local newspaper on or about the dates listed below and through FEMA's Flood Hazard Mapping Web site at https://www.floodmaps.fema.gov/fhm/Scripts/bfe_main.asp.

LOCAL NEWSPAPER Name: *The Intelligencer*
Dates: 01/31/2014 and 02/07/2014

Within 90 days of the second publication in the local newspaper, 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 has elapsed and we have resolved any appeals that we receive during this appeal period. Until this LOMR is effective, the revised flood hazard information presented in this LOMR may be changed.

This determination is based on the flood data presently available. The enclosed documents provide additional information regarding this determination. If you have any questions about this document, please contact the FEMA Map Information eXchange (FMIX) toll free at 1 877 336 2627 (1 877 FEMA MAP) or by letter addressed to the LOMC Clearinghouse, 847 South Pickett Street, Alexandria, VA 22304-4605. Additional Information about the NFIP is available on our Web site at http://www.fema.gov/business/nfip.

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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
Aquetong Creek								
A	126[1]	43	*	*	69.8	55.8[3]	56.7	0.9
B	575[1]	113	*	*	69.8	66.6[3]	67.0	0.4
C	797[1]	89	*	*	69.8	68.3[3]	68.4	0.1
D	1,198[1]	91	419	6.8	70.0	70.0	70.1	0.1
E	1,384[1]	121	736	4.5	70.6	70.6	71.6	1.0
F	1,934[1]	130	781	4.3	72.0	72.0	72.6	0.6
G	2,474[1]	90	452	5.2	73.3	73.3	73.9	0.6
H	2,981[1]	34	187	13.7	78.3	78.3	78.3	0.0
I	3,396[1]	125	700	4.7	81.5	81.5	82.0	0.5
J	3,967[1]	309	1,389	2.4	82.1	82.1	82.8	0.7
K	4,232[1]	152	392	10.1	82.5	82.5	82.9	0.4
L	4,633[1]	108	761	4.4	86.7	86.7	87.5	0.8
M	4,983[1]	69	506	5.7	87.4	87.4	87.9	0.5
N	5,458[1]	179	1,006	3.4	88.8	88.8	89.5	0.7
O	5,980[1]	165	718	6.4	89.2	89.2	89.7	0.5
P	7,550[1]	220	730	6.2	97.6	97.6	98.4	0.8
Q	9,050[1]	130	938	4.9	103.5	103.5	104.2	0.7
R	10,050[1]	188	1,157	2.6	105.5	105.5	106.2	0.7
Beaver Run								
A	225[2]	40	918	1.8	491.5	491.5	492.5	1.0
B	745[2]	152	960	1.4	491.6	491.6	492.6	1.0
C	1,085[2]	228	1,269	1.1	491.7	491.7	492.7	1.0
D	1,485[2]	157	745	2.1	491.8	491.8	492.7	0.9
E	1,925[2]	31	203	5.2	493.1	493.1	493.3	0.2
F	2,020[2]	118	559	2.5	493.3	493.3	494.0	0.7
G	2,470[2]	158	767	2.0	493.4	493.4	494.2	0.8

REVISED DATA

[1]Feet above confluence with Delaware River
[2]Feet above confluence with Licking Creek
[3]Elevation computed without consideration of backwater effects from the Delaware River
*Data not available

TABLE 8

FEDERAL EMERGENCY MANAGEMENT AGENCY

BUCKS COUNTY, PA
(ALL JURISDICTIONS)

REVISED TO
REFLECT LOMR
EFFECTIVE: June 9, 2014

FLOODWAY DATA

AQUETONG CREEK - BEAVER RUN

REVISED TO
REFLECT LOMR
EFFECTIVE: June 9, 2014

FLOOD PROFILES

AQUETONG CREEK

FEDERAL EMERGENCY MANAGEMENT AGENCY

BUCKS COUNTY, PA

(ALL JURISDICTIONS)

01P

REVISED TO REFLECT LOMR EFFECTIVE: June 9, 2014

FLOOD PROFILES

DELAWARE RIVER

FEDERAL EMERGENCY MANAGEMENT AGENCY

BUCKS COUNTY, PA

(ALL JURISDICTIONS)

SPECIAL FLOOD HAZARD AREAS	Without Base Flood Elevation (BFE) *Zone A, V, A99* With BFE or Depth *Zone AE, AO, AH, VE, AR* Regulatory Floodway
OTHER AREAS OF FLOOD HAZARD	0.2% Annual Chance Flood Hazard, Areas of 1% annual chance flood with average depth less than one foot or with drainage areas of less than one square mile *Zone X* Future Conditions 1% Annual Chance Flood Hazard *Zone X* Area with Reduced Flood Risk due to Levee See Notes. *Zone X*

SCALE

N

Map Projection:
NAD 1983 UTM Zone 18N;
Western Hemisphere; Vertical Datum: NGVD 29

1 inch = 500 feet 1:6,000

0 250 500 1,000 Feet

0 75 150 300 Meters

FEMA

National Flood Insurance Program

NATIONAL FLOOD INSURANCE PROGRAM

FLOOD INSURANCE RATE MAP

BUCKS COUNTY, PENNSYLVANIA

(All Jurisdictions)

PANEL 327 OF 532

Panel Contains:

COMMUNITY	NUMBER	PANEL	SUFFIX
NEW HOPE, BOROUGH OF	420195	0327	F
SOLEBURY, TOWNSHIP OF	420202	0327	F

REVISED TO REFLECT LOMR EFFECTIVE: June 9, 2014

VERSION NUMBER
2.3.2.0

MAP NUMBER
42017C0327F

EFFECTIVE DATE
MAY 18, 1999