



# Federal Emergency Management Agency

Washington, D.C. 20472

AUG 13 1999

CERTIFIED MAIL  
RETURN RECEIPT REQUESTED

Mr. William S. Cook  
Manager of the Township of  
Silver Spring  
6475 Carlisle Pike  
Mechanicsburg, Pennsylvania 17055

IN REPLY REFER TO:

Case Number: 99-03-053P  
Community Name: Township of Silver Spring,  
Cumberland County,  
Pennsylvania

Community Number: 420370  
Map Panel Number: 420370 0010

Effective Date of  
this Revision: NOV 28 1999

102-I-A (c)

Dear Mr. Cook:

The Flood Insurance Study (FIS) and Flood Insurance Rate Map (FIRM) for the Township of Silver Spring have been revised by this Letter of Map Revision (LOMR) to reflect the placement of fill, more detailed and up-to-date topographic information, and a more detailed hydraulic analysis along Conodoguinet Creek than that used to prepare the May 2, 1983, FIRM for the Township of Silver Spring. The subject area is located in the vicinity of Bent Creek subdivision. This revision was initiated by Mr. [REDACTED] Triple Crown Corporation, in a letter dated February 25, 1999.

We received the following technical data, prepared by H. Edward Black & Associates, P.C., in support of this revision:

- a HEC-2 hydraulic model of the 10% (10-year), 2% (50-year), 1% (100-year), and 0.2% (500-year) annual chance floods and floodway for Conodoguinet Creek, dated March 29, 1999, duplicating the model used to prepare the March 3, 1992, FIS for the Township of Silver Spring;
- a HEC-2 hydraulic model of the 10%, 2%, 1% , and 0.2% annual chance floods and floodway for Conodoguinet Creek, dated March 29, 1999, reflecting existing conditions;
- a copy of a certified topographic map, dated April 26, 1999, titled Revised Floodplain Plan for Georgetown Crossing at Bent Creek, at a scale of 1"=100', with a contour interval of 2 feet, showing the existing contours for the 1% annual chance floodplain, as well as the location of the cross sections used in the aforementioned hydraulic model representing existing conditions;
- a copy of the Township of Silver Spring FIRM number 420370, panel 0010 B, dated May 2, 1983, annotated to show the revised 1% and 0.2% annual chance floodplains;
- copies of the Township of Silver Spring FIS report, dated March 3, 1992, Flood

Profiles 03P and 04P, at a scale of 1"=1,000', annotated to show the increase in the 1% annual chance water-surface elevations, reflecting existing conditions; and

- a copy of the Township of Silver Spring FIS report, dated March 3, 1992, Table 2 (Floodway Data), annotated to show the revised floodway information.

In addition to the aforementioned technical data, we received the following correspondence in support of this request:

- copies of letters from Mr. DiSanto, to the three property owners affected by the project, informing them of the increases in the 1% annual chance water-surface elevations along Conodoguinet Creek; and
- completed application/certification forms, including community concurrence with the request.

We received all data necessary to process this revision by May 20, 1999.

Based on our review of the submitted data, we are issuing this LOMR to reflect the narrowing and widening of the 1% annual chance floodplain and narrowing of the 0.2% annual chance floodplain along Conodoguinet Creek from a point approximately 2 miles downstream of Willow Mill Road to a point approximately 1 mile downstream of Willow Mill Road. In addition, this LOMR reflects increases in the 1% annual chance water-surface elevations with a maximum increase of approximately 0.2 foot. This LOMR revises the Township of Silver Spring FIS report, dated March 3, 1992, as shown on the enclosed annotated portions of Table 2 (Floodway Data) and Flood Profiles 03P and 04P. In addition, this LOMR revises FIRM number 420370, panel 0010 B, dated May 2, 1983, as shown on the enclosed digitally reproduced portion of the FIRM. This revision does not involve any floodway changes; therefore, we are not enclosing an annotated Flood Boundary and Floodway Map (FBFM).

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 August 23, 1999, and August 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. 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. 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 March 3, 1992, 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 March 2, 1992, 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 Silver Spring 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 the Township of Silver Spring to reflect this determination. However, we will incorporate this determination when we next republish the FIS and FIRM panel 0010.

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.

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 BFE.

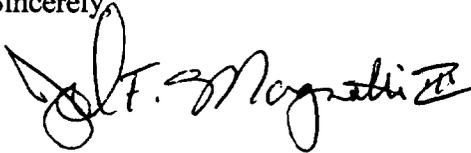
Use the map panel listed above and revised by this letter for all flood insurance policies and renewals issued in your community.

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

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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. Mark B. Bruening, Township of Silver Spring Engineer

 Edward Black & Associates, P.C.  
Commonwealth Coordinator

**MAP LEGEND**

REVISED 100-YEAR FLOODPLAIN



APPROXIMATE SCALE



NATIONAL FLOOD INSURANCE PROGRAM

**FIRM**  
FLOOD INSURANCE RATE MAP

TOWNSHIP OF  
SILVER SPRING,  
PENNSYLVANIA  
CUMBERLAND COUNTY

PANEL 10 OF 20

(SEE MAP INDEX FOR PANELS NOT PRINTED)

COMMUNITY - PANEL NUMBER  
420370 0010 B

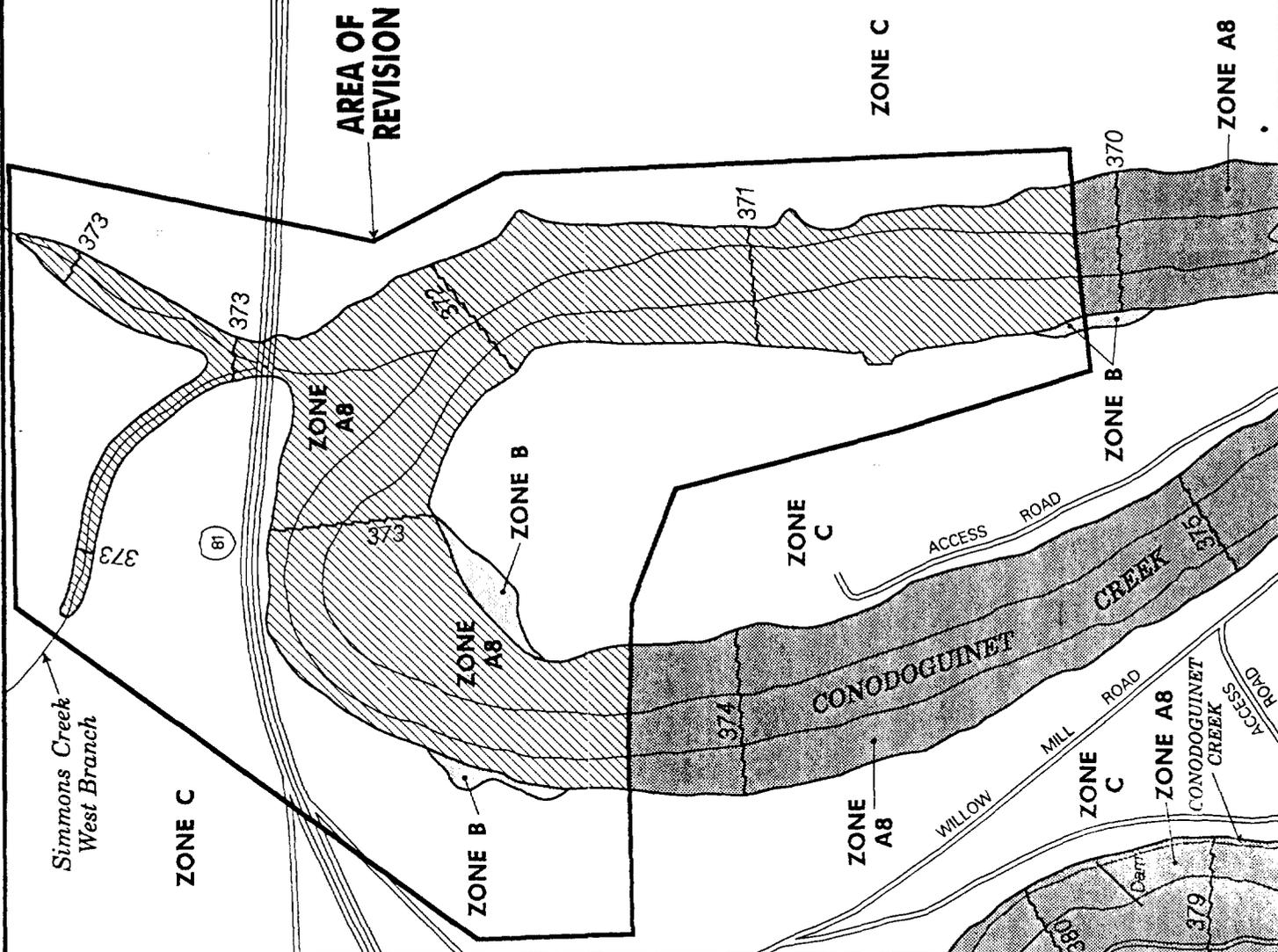
EFFECTIVE DATE:  
MAY 2, 1983

REVISED TO REFLECT  
LOMR EFFECTIVE:

NOV 28 1999



Federal Emergency Management Agency



**AREA OF REVISION**

Simmons Creek  
West Branch

ZONE C

ZONE A8

ZONE B

ZONE C

ZONE C

ACCESS ROAD

ZONE B

ZONE A8

CONODOGUINET CREEK

WILLOW MILL ROAD

ZONE C

ZONE A8

CONODOGUINET CREEK

ACCESS ROAD

373

81

373

373

371

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**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: **AUG 13 1999**  
Community: Township of Silver Spring, Cumberland County, Pennsylvania  
Community Number: 420370  
Page Number: 1 of 1

**CURRENT EFFECTIVE FLOOD INSURANCE STUDY DATE:** March 3, 1992

**FLOOD INSURANCE RATE MAP**

Index Date: March 3, 1992

<u>Panel Numbers</u>	<u>Effective Date</u>
0020 C	March 3, 1992
0005 B, 0010 B, 0015 B	May 2, 1983

**FLOOD BOUNDARY AND FLOODWAY MAP**

Index Date: March 3, 1992

<u>Panel Numbers</u>	<u>Effective Date</u>
0020	March 3, 1992
0005, 0010, 0015	May 2, 1983

**LETTERS OF MAP REVISION**

<u>Panel Numbers</u>	<u>Effective Date</u>
0010 B	NOV 28 1999

**LETTERS OF MAP AMENDMENT AND MAP REVISION BASED ON FILL**

<u>Panel Numbers</u>	<u>Effective Date</u>
0010 B	February 2, 1999 February 4, 1999
0020 C	October 24, 1996 June 24, 1997 July 24, 1998 October 28, 1998

**BEST AVAILABLE DATA LETTERS**

None

FLOODING SOURCE		FLOODWAY				BASE FLOOD WATER SURFACE ELEVATION (FEET NGVD)			
CROSS SECTION	DISTANCE <sup>1</sup>	WIDTH (FEET)	SECTION AREA (SQUARE FEET)	MEAN VELOCITY (FEET PER SECOND)	REGULATORY	WITHOUT FLOODWAY	WITH FLOODWAY	INCREASE	
Conodoguinet Creek									
A	83.900	462/30 <sup>2,3</sup>	6.522	3.9	359.1	359.1	359.7	0.6	
B	84.950	475	5.931	4.1	359.3	359.3	360.0	0.7	
C	86.450	456	5.112	4.8	359.9	359.9	360.5	0.6	
D	88.350	349	4.916	5.0	360.8	360.8	361.4	0.6	
E	89.300	290	3.372	7.2	361.1	361.1	361.7	0.6	
F	90.650	584	5.728	4.3	362.5	362.5	363.1	0.6	
G	91.850	715	6.896	3.5	363.1	363.1	363.7	0.6	
H	94.250	622	5.778	4.2	364.2	364.2	364.8	0.6	
I	95.800	231	2.874	8.5	365.0	365.0	365.5	0.5	
J	97.050	134	2.257	10.8	366.4	366.4	366.8	0.4	
K	99.350	434	6.056	4.0	369.2	369.2	369.7	0.5	
L	101.450	476	5.818	4.1	369.8	369.8	370.3	0.5	
M	103.350	380	4.242	5.6	371.0	371.0	371.6	0.6	
N	105.300	524	6.008	4.0	372.7	372.7	373.5	0.8	
O	106.550	640	6.466	3.7	373.3	373.3	374.1	0.8	
P	107.800	328	4.299	5.5	373.7	373.7	374.5	0.8	
Q	109.400	514	5.912	4.0	374.4	374.4	375.0	0.6	
R	111.100	375	4.984	4.8	374.9	374.9	375.5	0.6	
S	113.550	349	3.757	6.3	376.4	376.4	376.8	0.4	
↑									
AREA OF REVISION									

<sup>1</sup>Feet above confluence with Susquehanna River

<sup>2</sup>Width/width within corporate limits

<sup>3</sup>Combined Conodoguinet Creek/Trindle Spring Run floodway

REVISED TO REFLECT  
LOMR EFFECTIVE:

NOV 28 1999

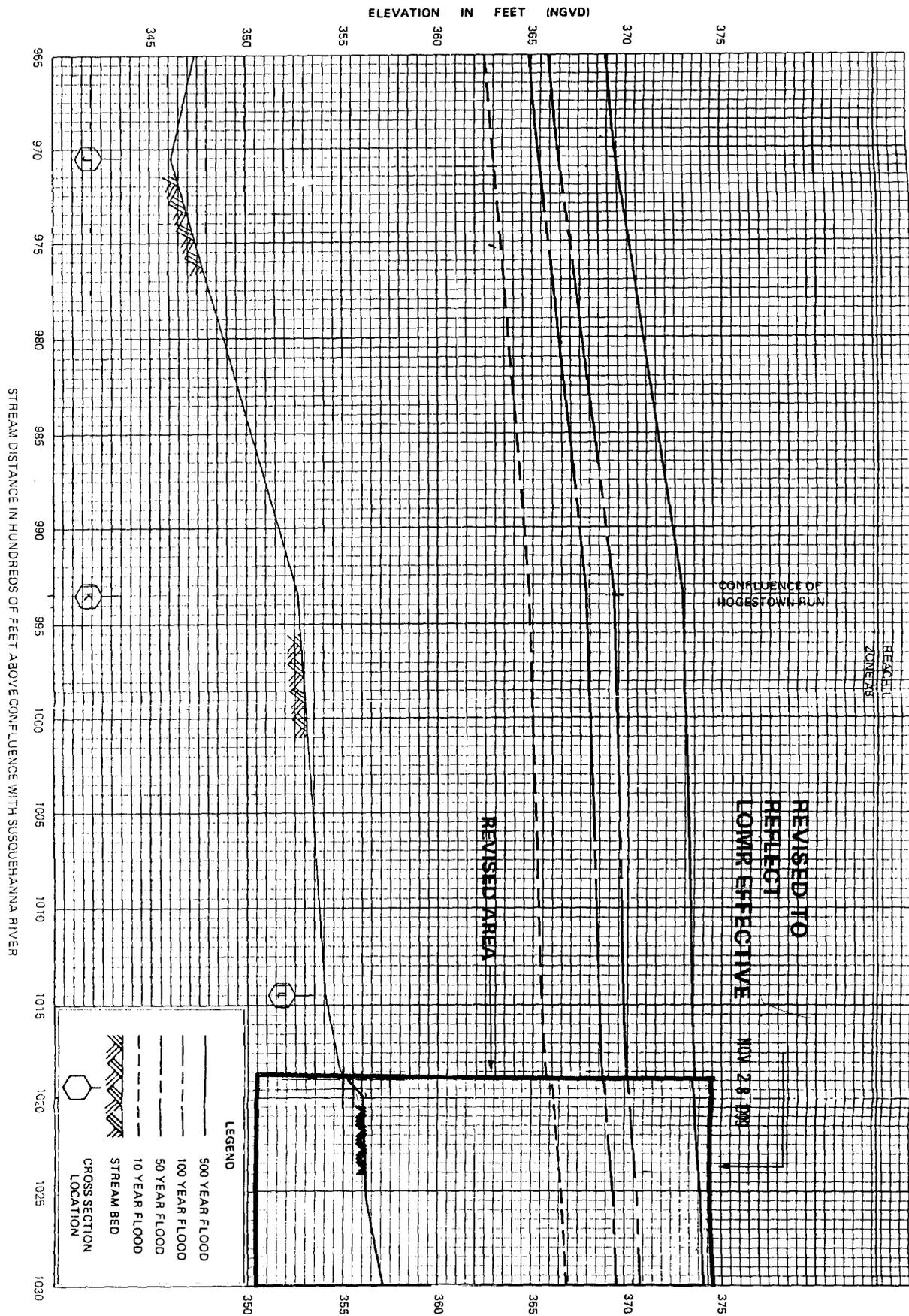
FEDERAL EMERGENCY MANAGEMENT AGENCY

**TOWNSHIP OF SILVER SPRING, PA**  
(CUMBERLAND CO.)

**FLOODWAY DATA**

**CONODOGUINET CREEK**

**TABLE 2**



FEDERAL EMERGENCY MANAGEMENT AGENCY

TOWNSHIP OF SILVER SPRING, PA  
(CUMBERLAND CO.)

03P

FLOOD PROFILES  
CONODOGUINET CREEK

