



# Federal Emergency Management Agency

Washington, D.C. 20472

August 27, 2018

CERTIFIED MAIL  
RETURN RECEIPT REQUESTED

The Honorable Craig A. Moe  
Mayor, City of Laurel  
8103 Sandy Spring Road  
Laurel, MD 20707

IN REPLY REFER TO:

Case No.: 18-03-0947R  
Community Name: City of Laurel, MD  
Community No.: 240053

Dear Mayor Moe:

We are providing our comments with the enclosed Conditional Letter of Map Revision (CLOMR) on a proposed project within your community that, if constructed as proposed, could revise the effective Flood Insurance Study report and Flood Insurance Rate Map for your community.

If you have any questions regarding the floodplain management regulations for your community, the National Flood Insurance Program (NFIP) in general, or technical questions regarding this CLOMR, please contact the Director, Mitigation Division of the Federal Emergency Management Agency (FEMA) Regional Office in Philadelphia, Pennsylvania, at (215) 931-5512, or the FEMA Map Information eXchange (FMIX) toll free at 1-877-336-2627 (1-877-FEMA MAP). Additional information about the NFIP is available on our website at <https://www.fema.gov/national-flood-insurance-program>.

Sincerely,

Patrick "Rick" F. Sacbibit, P.E., Branch Chief  
Engineering Services Branch  
Federal Insurance and Mitigation Administration

Enclosure:

Conditional Letter of Map Revision Comment Document

cc: The Honorable Rushern L. Baker, III  
Prince George's County Executive

The Honorable Steven R. Schuh  
Anne Arundel County Executive

Ms. Christian L. Pulley  
Director, Economic & Community Development  
City of Laurel

Ms. Mary Giles, P.E.  
Associate Director, Department of Permitting,  
Inspections and Enforcement  
Prince George's County

Mr. Daniel L. Kane  
Director, Department of Inspections & Permits  
Anne Arundel County

Mr. Stephen E. Allen, Sr.  
Emergency Manager  
City of Laurel

Mr. Matthew Wessel  
Environmental Team Leader  
Rodgers Consulting, Inc.

Mr. Philip Hughes, III, P.E.  
Team Leader/Senior Associate  
Rodgers Consulting, Inc.



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## CONDITIONAL LETTER OF MAP REVISION COMMENT DOCUMENT

COMMUNITY INFORMATION		PROPOSED PROJECT DESCRIPTION	BASIS OF CONDITIONAL REQUEST
COMMUNITY	City of Laurel Prince George's County Maryland	EXCAVATION FILL	HYDRAULIC ANALYSIS UPDATED TOPOGRAPHIC DATA
	COMMUNITY NO.: 240053		
IDENTIFIER	Patuxent Greens	APPROXIMATE LATITUDE AND LONGITUDE: 39.086, -76.839 SOURCE: Precision Mapping Streets DATUM: NAD 83	
<b>AFFECTED MAP PANEL</b>			
TYPE: FIRM*	NO.: 24033C0052E	DATE: September 16, 2016	* FIRM - Flood Insurance Rate Map
TYPE: FIRM	NO.: 24033C0053E	DATE: September 16, 2016	
TYPE: FIRM	NO.: 24033C0054E	DATE: September 16, 2016	

### FLOODING SOURCE AND REACH DESCRIPTION

See Page 2 for Additional Flooding Sources

Patuxent River – from approximately 4,090 feet upstream of Brock Bridge Road to just downstream of Fort Meade Road.

### PROPOSED PROJECT DESCRIPTION

Flooding Source	Proposed Project	Location of Proposed Project
Patuxent River	Excavation	Along the right overbank from approximately 6,270 feet upstream of Brock Bridge Road to approximately 2,590 feet downstream of Fort Meade Road

### SUMMARY OF IMPACTS TO FLOOD HAZARD DATA

Flooding Source	Effective Flooding	Proposed Flooding	Increases	Decreases
Patuxent River	BFEs*	BFEs	None	Yes
	Zone AE	Zone AE	Yes	Yes
	Zone X (shaded)	Zone X (shaded)	Yes	Yes

\* BFEs - Base (1-percent-annual-chance) Flood Elevations

### COMMENT

This document provides the Federal Emergency Management Agency's (FEMA's) comment regarding a request for a CLOMR for the project described above. This document is not a final determination; it only provides our comment on the proposed project in relation to the flood hazard information shown on the effective National Flood Insurance Program (NFIP) map. We reviewed the submitted data and the data used to prepare the effective flood hazard information for your community and determined that the proposed project meets the minimum floodplain management criteria of the NFIP. Your community is responsible for approving all floodplain development and for ensuring that all permits required by Federal or State/Commonwealth law have been received. State/Commonwealth, county, and community officials, based on their knowledge of local conditions and in the interest of safety, may set higher standards for construction in the Special Flood Hazard Area (SFHA), the area subject to inundation by the base flood. If the State/Commonwealth, county, or community has adopted more restrictive or comprehensive floodplain management criteria, these criteria take precedence over the minimum NFIP criteria.

This comment is based on the flood data presently available. 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, 3601 Eisenhower Avenue, Suite 500, Alexandria, VA 22304-6426. Additional information about the NFIP is available on the FEMA website at <https://www.fema.gov/national-flood-insurance-program>.

Patrick "Rick" F. Sacbbit, P.E., Branch Chief  
Engineering Services Branch  
Federal Insurance and Mitigation Administration



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### CONDITIONAL LETTER OF MAP REVISION COMMENT DOCUMENT (CONTINUED)

#### COMMUNITY INFORMATION (CONTINUED)

### ADDITIONAL FLOODING SOURCES AFFECTED BY THIS CONDITIONAL REQUEST

#### FLOODING SOURCE AND REACH DESCRIPTION

Crow Branch – From the confluence with the Patuxent River to just downstream of Laurel Bowie Road.

#### PROPOSED PROJECT DESCRIPTION

Flooding Source	Proposed Project	Location of Proposed Project
Crow Branch	Excavation and Fill Placement	Along the right overbank from the confluence with the Patuxent River to approximately 2,550 feet upstream of the confluence with the Patuxent River

#### SUMMARY OF IMPACTS TO FLOOD HAZARD DATA

Flooding Source	Effective Flooding	Proposed Flooding	Increases	Decreases
Crow Branch	Zone AE	Zone AE	Yes	Yes
	Zone X (shaded)	Zone X (shaded)	Yes	Yes
	BFEs	BFEs	None	Yes

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## CONDITIONAL LETTER OF MAP REVISION COMMENT DOCUMENT (CONTINUED)

### OTHER COMMUNITIES AFFECTED BY THIS CONDITIONAL REQUEST

**CID Number: 245208**

**Name: Unincorporated Areas of Prince George's County, Maryland**

#### AFFECTED MAP PANELS

TYPE: FIRM NO.: 24033C0052E DATE: September 16, 2016

TYPE: FIRM NO.: 24033C0053E DATE: September 16, 2016

TYPE: FIRM NO.: 24033C0054E DATE: September 16, 2016

**CID Number: 240008**

**Name: Unincorporated Areas of Anne Arundel County, Maryland**

#### AFFECTED MAP PANELS

TYPE: FIRM NO.: 24003C0102E DATE: October 16, 2012

TYPE: FIRM NO.: 24003C0104E DATE: October 16, 2012

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### CONDITIONAL LETTER OF MAP REVISION COMMENT DOCUMENT (CONTINUED)

#### COMMUNITY INFORMATION

To determine the changes in flood hazards that will be caused by the proposed project, we compared the hydraulic modeling reflecting the proposed project (referred to as the proposed conditions model) to the hydraulic modeling used to prepare the Flood Insurance Study (FIS) (referred to as the effective model). If the effective model does not provide enough detail to evaluate the effects of the proposed project, an existing conditions model must be developed to provide this detail. This existing conditions model is then compared to the effective model and the proposed conditions model to differentiate the increases or decreases in flood hazards caused by more detailed modeling from the increases or decreases in flood hazards that will be caused by the proposed project.

The table below shows the changes in the BFEs:

BFE Comparison Table

Flooding Source: Patuxent River		BFE Change (feet)	Location of maximum change
Existing vs. Effective	Maximum increase	None	Not Applicable
	Maximum decrease	None	Not Applicable
Proposed vs. Existing	Maximum increase	None	Not Applicable
	Maximum decrease	2.3	Approximately 2,640 feet downstream of Fort Meade Road
Proposed vs. Effective	Maximum increase	None	Not Applicable
	Maximum decrease	2.3	Approximately 2,640 feet downstream of Fort Meade Road

  

Flooding Source: Crow Branch		BFE Change (feet)	Location of maximum change
Existing vs. Effective	Maximum increase	None	Not Applicable
	Maximum decrease	0.1	At the confluence with the Patuxent River
Proposed vs. Existing	Maximum increase	None	Not Applicable
	Maximum decrease	0.7	At the confluence with the Patuxent River
Proposed vs. Effective	Maximum increase	None	Not Applicable
	Maximum decrease	0.9	At the confluence with the Patuxent River

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## CONDITIONAL LETTER OF MAP REVISION COMMENT DOCUMENT (CONTINUED)

### COMMUNITY INFORMATION (CONTINUED)

#### DATA REQUIRED FOR FOLLOW-UP LOMR (continued)

• FEMA's fee schedule for reviewing and processing requests for conditional and final modifications to published flood information and maps may be accessed at <https://www.fema.gov/forms-documents-and-software/flood-map-related-fees>. The fee at the time of the map revision submittal must be received before we can begin processing the request. Payment of this fee can be made through a check or money order, made payable in U.S. funds to the National Flood Insurance Program, or by credit card (Visa or MasterCard only). Please either forward the payment, along with the revision application, to the following address:

LOMC Clearinghouse  
Attention: LOMR Manager  
3601 Eisenhower Avenue, Suite 500  
Alexandria, Virginia 22304-6426

or submit the LOMR and fee using the Online LOMC portal at: <https://hazards.fema.gov/femaportal/onlinelomc/signin>

After receiving appropriate documentation to show that the project has been completed, FEMA will initiate a revision to the FIRM and FIS report. Because the flood hazard information (i.e., base flood elevations, base flood depths, SFHAs, zone designations, and/or regulatory floodways) will change as a result of the project, a 90-day appeal period will be initiated for the revision, during which community officials and interested persons may appeal the revised flood hazard information based on scientific or technical data.

This comment is based on the flood data presently available. 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, 3601 Eisenhower Avenue, Suite 500, Alexandria, VA 22304-6426. Additional information about the NFIP is available on the FEMA website at <https://www.fema.gov/national-flood-insurance-program>.

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## CONDITIONAL LETTER OF MAP REVISION COMMENT DOCUMENT (CONTINUED)

### COMMUNITY INFORMATION (CONTINUED)

#### DATA REQUIRED FOR FOLLOW-UP LOMR

Upon completion of the project, your community must submit the data listed below and request that we make a final determination on revising the effective FIRM and FIS report. If the project is built as proposed and the data below are received, a revision to the FIRM and FIS report would be warranted.

- Detailed application and certification forms must be used for requesting final revisions to the maps. Therefore, when the map revision request for the area covered by this letter is submitted, Form 1, entitled "Overview and Concurrence Form," must be included. A copy of this form may be accessed at <https://www.fema.gov/media-library/assets/documents/1343>.

- The detailed application and certification forms listed below may be required if as-built conditions differ from the proposed plans. If required, please submit new forms, which may be accessed at <https://www.fema.gov/media-library/assets/documents/1343>, or annotated copies of the previously submitted forms showing the revised information.

Form 2, entitled "Riverine Hydrology and Hydraulics Form." Hydraulic analyses for as-built conditions of the base flood, the 10-percent, 2-percent, and 0.2-percent-annual-chance floods, and the regulatory floodway, must be submitted with Form 2.

- A certified topographic work map showing the revised and effective base and 0.2-percent-annual-chance floodplain and floodway boundaries. Please ensure that the revised information ties in with the current effective information at the downstream and upstream ends of the revised reach and any tributaries.

- An annotated copy of the FIRM, at the scale of the effective FIRM, that shows the revised base and 0.2-percent-annual-chance floodplain and floodway boundary delineations shown on the submitted work map and how they tie-in to the base and 0.2-percent-annual-chance floodplain and floodway boundary delineations shown on the current effective FIRM at the downstream and upstream ends of the revised reach, as well as any tributaries.

- As-built plans, certified by a registered Professional Engineer, of all proposed project elements.

- Documentation of the individual legal notices sent to property owners who will be affected by any widening or shifting of the base floodplain and/or any BFE increases along Patuxent River and Crow Branch.

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CONDITIONAL LETTER OF MAP REVISION  
COMMENT DOCUMENT (CONTINUED)

COMMUNITY INFORMATION (CONTINUED)

COMMUNITY REMINDERS

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:

Ms. Janice Barlow  
Director, Mitigation Division  
Federal Emergency Management Agency, Region III  
One Independence Mall, Sixth Floor  
615 Chestnut Street  
Philadelphia, PA 19106 4404  
(215) 931 5512

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