

**PAPERWORK BURDEN DISCLOSURE NOTICE**

Public reporting burden for this form is estimated to average 3.5 hours per response. The burden estimate includes the time for reviewing instructions, searching existing data sources, gathering and maintaining the needed data, and completing, reviewing, and submitting the form. You are not required to respond to this collection of information unless a valid OMB control number appears in the upper right corner of this form. Send comments regarding the accuracy of the burden estimate and any suggestions for reducing this burden to: Information Collections Management, Department of Homeland Security, Federal Emergency Management Agency, 500 C Street, SW, Washington, DC, 20472, Paperwork Reduction Project (1660-0016). Submission of the form is required to obtain or retain benefits under the National Flood Insurance Program. **Please do not send your completed survey to the above address.**

Flooding Source: \_\_\_\_\_

Note: Fill out one form for each flooding source studied.

**A. HYDROLOGY**

1. Reason for New Hydrologic Analysis (check all that apply)

- Not revised (skip to section B)     No existing analysis     Improved data  
 Alternative methodology     Proposed Conditions (CLOMR)     Changed physical condition of watershed

2. Comparison of Representative 1%-Annual-Chance Discharges

Location	Drainage Area (Sq. Mi.)	FIS (cfs)	Revised (cfs)
_____	_____	_____	_____
_____	_____	_____	_____
_____	_____	_____	_____

3. Methodology for New Hydrologic Analysis (check all that apply)

- Statistical Analysis of Gage Records     Precipitation/runoff Model    Specify Model \_\_\_\_\_  
 Regional Regression Equations     Other (please attach description)

Please enclose all relevant models in digital format, maps, computations (including computation of parameters), and documentation to support the new analysis.

4. Review/Approval of Analysis.

If your community requires a regional, state, or federal agency to review the hydrologic analysis, please attach evidence of approval/review.

5. Impacts of Sediment Transport on Hydrology

Is the hydrology for the revised flooding source(s) affected by sediment transport?     Yes     No

If Yes, then fill out Section F (Sediment Transport) of Form 3. If No, then attach you explanation.

**B. HYDRAULICS**

1. Reach to be Revised

Water-Surface Elevations (ft.)

Description	Cross Section	Effective	Proposed/Revised
Downstream Limit	_____	_____	_____
Upstream Limit	_____	_____	_____

\*Proposed/Revised elevations must tie-into the Effective elevations within 0.5 foot at the downstream and upstream limits of revision.

2. Hydraulic Method Used \_\_\_\_\_

B. HYDRAULICS (continued)

3. Pre-Submittal Review of Hydraulic Models

DHS/FEMA has developed two review programs, CHECK-2 and CHECK-RAS to aid in the review of HEC-2 and HEC-RAS hydraulic models, respectively. We recommend that you review your HEC-2 and HEC-RAS models with CHECK-2 and CHECK-RAS.

4.

<u>Models Submitted</u>	<u>Natural Run</u>		<u>Floodway Run</u>		<u>Datum</u>
<u>Duplicate Effective Model*</u>	<u>File Name</u>	<u>Plan Name</u>	<u>File Name</u>	<u>Plan Name</u>	
	_____	_____	_____	_____	_____
<u>Corrective Effective Model*</u>	<u>File Name</u>	<u>Plan Name</u>	<u>File Name</u>	<u>Plan Name</u>	
	_____	_____	_____	_____	_____
<u>Existing or Pre-Project Conditions Model</u>	<u>File Name</u>	<u>Plan Name</u>	<u>File Name</u>	<u>Plan Name</u>	
	_____	_____	_____	_____	_____
<u>Revised or Post-Project Conditions Model</u>	<u>File Name</u>	<u>Plan Name</u>	<u>File Name</u>	<u>Plan Name</u>	
	_____	_____	_____	_____	_____
<u>Other - (attach description)</u>	<u>File Name</u>	<u>Plan Name</u>	<u>File Name</u>	<u>Plan Name</u>	
	_____	_____	_____	_____	_____

\* For details, refer to the corresponding section of the instructions.

Digital Models Submitted? (Required)

C. MAPPING REQUIREMENTS

A certified topographic work map must be submitted showing the following information (where applicable): the boundaries of the effective, existing, and proposed conditions 1%-annual-chance floodplain (for approximate Zone A revisions) or the boundaries of the 1%-and 0.2%-annual-chance floodplains and regulatory floodway (for detailed Zone AE, AO, and AH revisions); location and alignment of all cross sections with stationing control indicated; stream, road, and other alignments (e.g. dams, levees, etc.); current community easements and boundaries; boundaries of the requester's property; certification of a registered professional engineer registered in the subject State; location and description of reference marks; and the referenced vertical datum (NGVD, NAVD, etc.).

Digital Mapping (GIS/CADD) Data Submitted

Topographic Information \_\_\_\_\_

Source \_\_\_\_\_ Date \_\_\_\_\_

Accuracy \_\_\_\_\_

Note that the boundaries of the existing or proposed conditions floodplains and regulatory floodway to be shown on the revised FIRM and/or FBFM must tie-in with the effective floodplain and regulatory floodway boundaries. Please attach a copy of the effective FIRM and/or FBFM, at the same scale as the original, annotated to show the boundaries of the revised 1%-and 0.2%-annual-chance floodplains and regulatory floodway that tie-in with the boundaries of the effective 1%-and 0.2%-annual-chance floodplain and regulatory floodway at the upstream and downstream limits of the area on revision.

Annotated FIRM and/or FBFM (Required)

**D. COMMON REGULATORY REQUIREMENTS**

1. For CLOMR Requests, do Base Flood Elevations (BFEs) Increase?  Yes  No

a. For CLOMR requests, if either of the following is true, please submit **evidence of compliance with Section 65.12 of the NFIP regulations:**

- \* The proposed project encroaches upon a regulatory floodway and would result in increases above 0.00 foot compared to per-project conditions.
- \* The proposed project encroaches upon a SFHA with or without BFEs established and would result in increases above 1.00 foot compared to pre- project conditions.

b. Does this LOMR cause increases in the BFE and/or SFHA compared with the effective BFS's and/or SFHA?  Yes  No

If Yes, please attach proof of property owner notification and acceptance (if available). Elements of and examples of property owner notifications can be found in the MT-2 Form 2 Instructions

2. Does this request involve the placement of fill?  Yes  No

If Yes, the community must be able to certify that the area to be removed from the special hazard area, to include any structures or proposed structures, meets all of the standards of the local floodplain ordinances, and is reasonably safe from flooding in accordance with the NFIP regulations set forth at 44 CFR 60.3(a), 65.5(a)(14). Please see the MT-2 instructions for more information.

3. For LOMR request, is the regulatory floodway being revised?  Yes  No

If Yes, attach evidence of regulatory floodway revision notification. As per Paragraph 65.7(b)(1) of the NFIP Regulations, notification is required for request involving revisions to the regulatory floodway. (Not required for revisions to approximate 1%-annual-chance floodplains [studied Zone A designation] unless a regulatory floodway is being established. Elements and examples of regulatory floodway revision notification can be found in the MT-2 Form 2 Instructions.)

4. For CLOMR request, please submit documentation to FEMA and the community to show that you have complied with Sections 9 and 10 of the Endangered Species Act (ESA).

For actions authorized, funded, or being carried out by Federal or State agencies, please submit documentation from the agency showing its compliance with Section 7(a)(2) of the ESA. Please see the MT-2- Instructions for more detail.

\*Not inclusive of all applicable regulatory requirements. For details, see 44 CFR parts 60 and 65.