



# Federal Emergency Management Agency

Washington, D.C. 20472

## CONDITIONAL LETTER OF MAP REVISION COMMENT DOCUMENT

COMMUNITY INFORMATION		PROPOSED PROJECT DESCRIPTION	BASIS OF CONDITIONAL REQUEST
COMMUNITY	City of Hoquiam Grays Harbor County Washington	LEVEE	LEVEE CERTIFICATION UPDATED TOPOGRAPHIC DATA HYDROLOGIC ANALYSIS
	COMMUNITY NO.: 530061		
IDENTIFIER	North Shore Levee West Segment	APPROXIMATE LATITUDE & LONGITUDE: 46.980, -123.884 SOURCE: OTHER      DATUM: NAD 83	
<b>AFFECTED MAP PANELS</b>			
TYPE: FIRM*	NO.: 53027C0881D      DATE: February 3, 2017	* FIRM - Flood Insurance Rate Map	
TYPE: FIRM	NO.: 53027C0882D      DATE: February 3, 2017		

### FLOODING SOURCES AND REACH DESCRIPTION

See Page 2 for Additional Flooding Sources

Hoquiam River – From mouth at Grays Harbor to approximately just upstream of the confluence of Little Hoquiam River

### PROPOSED PROJECT DESCRIPTION

Flooding Source	Proposed Project	Location of Proposed Project
Hoquiam River	Levee Modification	From mouth at Grays Harbor to approximately just upstream of the confluence of Little Hoquiam River

### SUMMARY OF IMPACTS TO FLOOD HAZARD DATA

Flooding Source	Effective Flooding	Proposed Flooding	Increases	Decreases
Hoquiam River	Zone AE	Zone X (shaded)	None	Yes

### 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 Mapping and Insurance 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/flood-insurance>.

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 SOURCES AND REACH DESCRIPTION**

Grays Harbor - From the mouth of the Hoquiam River to approximately 9,000 feet west of the mouth of the Hoquiam River

**PROPOSED PROJECT DESCRIPTION**

Flooding Source	Proposed Project	Location of Proposed Project
Grays Harbor	Levee Modification	Approximately 9,000 feet west of the mouth of the Hoquiam River

**SUMMARY OF IMPACTS TO FLOOD HAZARD DATA**

Flooding Source	Effective Flooding	Proposed Flooding	Increases	Decreases
Grays Harbor	Zone AE	Zone AE	None	None

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### 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 reflecting the existing conditions.

The table below shows the changes in the base flood water-surface elevations (WSELs).

Base Flood WSEL Comparison Table

Flooding Source: Hoquiam River		Base Flood WSEL Change (feet)	Location of maximum change
Proposed vs. Existing	Maximum increase	0.0	n/a
	Maximum decrease	13.7	Landward of levee
Flooding Source: Grays Harbor		Base Flood WSEL Change (feet)	Location of maximum change
Proposed vs. Existing	Maximum increase	0.0	n/a
	Maximum decrease	13.7	Landward of levee

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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. If the project is built as proposed and the data below are received, a revision to the FIRM would be warranted.

- Form 1, entitled "Overview & Concurrence Form". 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 must be included. If as-built conditions differ from the proposed plans, please submit new forms, which may be accessed at <https://www.fema.gov/flood-maps/change-your-flood-zone/paper-application-forms/mt-2>, or annotated copies of the previously submitted forms showing the revised information.
- Form 2, entitled "Riverine Hydrology & Hydraulics Form."
- Form 3, entitled "Riverine Structures Form."
- Hydraulic analyses, for as-built conditions, of the base flood together with a topographic work map showing the revised floodplain boundaries. Please ensure that the revised information ties in with the current effective information at the downstream and upstream ends of the revised reach.
- Annotated copies of the FIRMs, at the scale of the effective FIRMs, that shows the revised floodplain boundary delineations shown on the submitted work map and how they tie into the floodplain boundary delineations shown on the current effective FIRMs at the downstream and upstream ends of the revised reach.
- 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/shifting of the base floodplain and/or any BFE increases along Hoquiam River and Grays Harbor.

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

### COMMUNITY INFORMATION (CONTINUED)

- An officially adopted maintenance and operation plan for the levee. This plan, which may be in the form of a written statement from the community Chief Executive Officer, an ordinance, or other legislation, must describe the nature of the maintenance activities, the frequency with which they will be performed, and the title of the local community official who will be responsible for ensuring that the maintenance activities are accomplished.
- An officially adopted emergency preparedness plan for the levee. This plan, which may be in the form of a written statement from the community Chief Executive Officer, an ordinance, or other legislation, and should address a variety of issues including evacuation activities, communication protocols with local emergency operations centers and the general public, individual roles and responsibilities during an emergency, and supplies and materials that may be needed. The plan should identify the local emergency management agency that will respond to and manage an emergency, as well as describe how emergency conditions are identified and reported. It should clearly identify who has the authority to activate the emergency preparedness plan and provide a broad description of the conditions that will require activation of the plan, such as adverse weather projections, increased water flows, potential or actual levee breaches.
- 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/flood-maps/change-your-flood-zone/status/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 forward the payment, along with the revision application, to the following address:

LOMC Clearinghouse  
3601 Eisenhower Avenue, Suite 500  
Alexandria, VA 22304-6426

After receiving appropriate documentation to show that the project has been completed, FEMA will initiate a revision to the FIRM.

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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. Kristen Meyers  
Director, Mitigation Division  
Federal Emergency Management Agency, Region X  
Federal Regional Center  
130 228th Street, Southwest  
Bothell, WA 98021 8627  
(425) 487-4682

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