



Federal Emergency Management Agency

Washington, D.C. 20472

February 24, 2016

CERTIFIED MAIL
RETURN RECEIPT REQUESTED

The Honorable Erik Larson
Mayor, City of Aberdeen
Aberdeen City Hall
200 East Market Street
Aberdeen, WA 98520

IN REPLY REFER TO:

Case No.: 15-10-1509R
Community Name: City of Aberdeen, WA
Community No.: 530058

91 7199 9991 7035 8954 4841

Dear Mayor Larson:

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 Bothell, WA, at (425) 487-4682, 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 <http://www.fema.gov/nfip>.

Sincerely,

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

List of Enclosures:

Conditional Letter of Map Revision Comment Document

cc: Mr. Rick Sangder
Deputy Public Works Director, Aberdeen

Mr. Scott McKinney
Washington Department of Ecology

Mr. Mark Steepy, P.E.
KPFF Consulting Engineers



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CONDITIONAL LETTER OF MAP REVISION COMMENT DOCUMENT

COMMUNITY INFORMATION		PROPOSED PROJECT DESCRIPTION	BASIS OF CONDITIONAL REQUEST
COMMUNITY	City of Aberdeen Grays Harbor County Washington	LEVEE	HYDRAULIC ANALYSIS LEVEE CERTIFICATION NEW TOPOGRAPHIC DATA
	COMMUNITY NO.: 530058		
IDENTIFIER	Northside Levee	APPROXIMATE LATITUDE & LONGITUDE: 46.967, -123.822 SOURCE: Other DATUM: NAD 83	
AFFECTED MAP PANELS			
TYPE: FIRM*	NO.: 5300580001B DATE: July 16, 1984	* FIRM - Flood Insurance Rate Map ** FBFM - Flood Boundary and Floodway Map	
TYPE: FIRM	NO.: 5300580002B DATE: July 16, 1984		
TYPE: FIRM	NO.: 5300580003B DATE: July 16, 1984		
TYPE: FIRM	NO.: 5300580004B DATE: July 16, 1984		
TYPE: FBFM**	NO.: 5300580002 DATE: July 16, 1984		

FLOODING SOURCES AND REACH DESCRIPTION

Grays Harbor – From approximately 5,700 feet downstream of Highway 101 Bridge to approximately 350 feet upstream of Highway 11 Bridge
Wishkah River - From confluence with Grays Harbor to approximately 1,700 feet upstream of confluence with Grays Harbor

PROPOSED PROJECT DESCRIPTION

Flooding Source	Proposed Project	Location of Proposed Project
Grays Harbor	New Levee	From approximately 5,700 feet downstream of Highway 101 Bridge to approximately 350 feet upstream of Highway 11 Bridge
Wishkah River	New Levee	From confluence with Grays Harbor to approximately 1,700 feet upstream of confluence with Grays Harbor

SUMMARY OF IMPACTS TO FLOOD HAZARD DATA

Flooding Source	Effective Flooding	Proposed Flooding	Increases	Decreases
Grays Harbor	Zone A2	Zone AH	None	Yes
	Zone A2	Zone B	None	Yes
Wishkah River	BFES*	BFES	None	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, 847 South Pickett Street, Alexandria, VA 22304-4605. Additional information about the NFIP is available on the FEMA website at <http://www.fema.gov/nfip>.


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 Engineering Management Branch
 Federal Insurance and Mitigation Administration



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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: Wishkah River		BFE Change (feet)	Location of maximum change
Existing vs. Effective	Maximum increase	0.0	N/A
	Maximum decrease	0.2	Approximately 1,500 feet upstream of confluence with Grays Harbor
Proposed vs. Existing	Maximum increase	0.0	N/A
	Maximum decrease	0.0	N/A
Proposed vs. Effective	Maximum increase	0.0	N/A
	Maximum decrease	0.2	Approximately 1,500 feet upstream of confluence with Grays Harbor

*Note: The backwater elevation of 10 feet (NGVD29) from Grays Harbor controls the flooding elevations along the revised reach of Wishkah River. Therefore, the BFE changes identified in this table will not be reflected on the revised FIRM or profile.

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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 FBFM. If the project is built as proposed and the data below are received, a revision to the FIRM and FBFM 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 http://www.fema.gov/plan/prevent/fhm/dl_mt-2.shtm, 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; the 10-percent, 2-percent, and 0.2 percent annual chance floods; 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 and FBFM, at the scale of the effective FIRMs and FBFM, that show 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 and FBFM at the downstream and upstream ends of the revised reach for the Wishkah River and Grays Harbor.
- As-built plans, certified by a registered professional engineer, of all proposed project elements

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CONDITIONAL LETTER OF MAP REVISION COMMENT DOCUMENT (CONTINUED)

COMMUNITY INFORMATION (CONTINUED)

- An officially adopted maintenance and operation plan for the Northside 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.
- FEMA's fee schedule for reviewing and processing requests for conditional and final modifications to published flood information and maps may be accessed at http://www.fema.gov/plan/prevent/fhm/fhm_fees.shtm. 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
847 South Pickett Street
Alexandria, VA 22304-4605

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

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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:

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

A preliminary study is being conducted for Grays Harbor County, WA. Preliminary copies of the revised FIRM and FIS report were submitted to your community for review on October 25, 2013, and may become effective before the revision request following this CLOMR is submitted. Please ensure that the data submitted for the revision ties into the data effective at the time of the submittal.

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, 847 South Pickett Street, Alexandria, VA 22304-4605. Additional Information about the NFIP is available on the FEMA website at <http://www.fema.gov/nfip>.

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