



Federal Emergency Management Agency

Washington, D.C. 20472

August 23, 2019

CERTIFIED MAIL
RETURN RECEIPT REQUESTED

The Honorable David J. Madigan
Chairman, Town of Duxbury
Board of Selectmen
878 Tremont Street
Duxbury, MA 02332

IN REPLY REFER TO:

Case No.: 19-01-0097P
Community Name: Town of Duxbury, MA
Community No.: 250263
Effective Date of
This Revision: January 10, 2020

Dear Mr. Madigan:

The Flood Insurance Study (FIS) report and Flood Insurance Rate Map (FIRM) for your community have been revised by this Letter of Map Revision (LOMR). Please use the enclosed annotated map panels revised by this LOMR for floodplain management purposes and for all flood insurance policies and renewals issued in your community.

Additional documents are enclosed that provide information regarding this LOMR. Please see the List of Enclosures below to determine which documents are included. Other enclosures specific to this request may be included as referenced in the Determination Document. If you have any questions regarding floodplain management regulations for your community or the National Flood Insurance Program (NFIP) in general, please contact the Consultation Coordination Officer for your community. If you have any technical questions regarding this LOMR, please contact the Director, Mitigation Division of the Department of Homeland Security's Federal Emergency Management Agency (FEMA) in Boston, Massachusetts, at (617) 832-4761, 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-pogram>.

Sincerely,

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

List of Enclosures:

Letter of Map Revision Determination Document
Annotated Flood Insurance Rate Map
Annotated Flood Insurance Study Report

cc: The Honorable Joseph E. Kelleher
Chairman, Town of Marshfield
Board of Selectmen

Ms. Valerie Massard
Planning Director
Town of Duxbury

Mr. Jim Folkard
Building Commissioner
Town of Marshfield

Mr. Scott J. Lambiase
Director of Municipal Services
Town of Duxbury

Ms. Leslie Fields, CFM
Senior Coastal Geologist
Woods Hole Group, Inc.

Mr. Matthew Shultz, P.E.
Senior Coastal Engineer
Woods Hole Group, Inc.



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LETTER OF MAP REVISION DETERMINATION DOCUMENT

COMMUNITY AND REVISION INFORMATION		PROJECT DESCRIPTION	BASIS OF REQUEST
COMMUNITY	Town of Duxbury Plymouth County Massachusetts	NO PROJECT	COASTAL ANALYSIS UPDATED TOPOGRAPHIC DATA
	COMMUNITY NO.: 250263		
IDENTIFIER	LOMR Application for Towns of Duxbury and Marshfield, Plymouth County, MA FIRMs Effective Nov. 4, 2016	APPROXIMATE LATITUDE AND LONGITUDE: 42.060, -70.659 SOURCE: Precision Mapping Streets DATUM: NAD 83	
ANNOTATED MAPPING ENCLOSURES		ANNOTATED STUDY ENCLOSURES	
TYPE: FIRM*	NO.: 25023C0233K DATE: November 4, 2016	DATE OF EFFECTIVE FLOOD INSURANCE STUDY: November 04, 2016 TRANSECT DATA TABLE: 14 TRANSECT DESCRIPTION TABLE: 13	
TYPE: FIRM*	NO.: 25023C0234K DATE: November 4, 2016		
TYPE: FIRM*	NO.: 25023C0241K DATE: November 4, 2016		
TYPE: FIRM*	NO.: 25023C0242K DATE: November 4, 2016		
TYPE: FIRM*	NO.: 25023C0243K DATE: November 4, 2016		

Enclosures reflect changes to flooding sources affected by this revision.

* FIRM - Flood Insurance Rate Map

FLOODING SOURCE AND REVISED REACH

See Page 2 for Additional Flooding Sources

Atlantic Ocean via Cape Cod Bay, Duxbury Bay, Duck Hill River, Green Harbor, Pine Point River - along the coastline of Atlantic Ocean via Cape Cod Bay and Duxbury Bay including the tidal areas of Green Harbor, Duck Hill River and Pine Point River

SUMMARY OF REVISIONS

Flooding Source	Effective Flooding	Revised Flooding	Increases	Decreases
Atlantic Ocean via Cape Cod Bay, Duxbury Bay, Duck Hill River, Green Harbor, Pine Point River	Zone AE	Zone AE	NONE	YES
	Zone AE	Zone AO	NONE**	NONE**
	BFEs*	BFEs	YES	YES
	Zone VE	Zone AE	YES	YES

* BFEs - Base Flood Elevations; ** Special Flood Hazard Area (SFHA) zone designations modified without a boundary change

DETERMINATION

This document provides the determination from the Department of Homeland Security's Federal Emergency Management Agency (FEMA) regarding a request for a Letter of Map Revision (LOMR) for the area described above. Using the information submitted, we have determined that a revision to the flood hazards depicted in the Flood Insurance Study (FIS) report and/or National Flood Insurance Program (NFIP) map is warranted. This document revises the effective NFIP map, as indicated in the attached documentation. Please use the enclosed annotated map panels revised by this LOMR for floodplain management purposes and for all flood insurance policies and renewals in your community.

This determination is based on the flood data presently available. The enclosed documents provide additional information regarding this determination. If you have any questions about this document, please contact the FEMA Map Information eXchange 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 our website at <https://www.fema.gov/national-flood-insurance-program>.

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



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**LETTER OF MAP REVISION
DETERMINATION DOCUMENT (CONTINUED)**

OTHER FLOODING SOURCES AFFECTED BY THIS REVISION

FLOODING SOURCES AND REVISED REACHES

Atlantic Ocean via Cape Cod Bay, Duxbury Bay, Duck Hill River, Green Harbor, Pine Point River - along the coastline of Atlantic Ocean via Cape Cod Bay and Duxbury Bay including the tidal areas of Green Harbor, Duck Hill River and Pine Point River

Atlantic Ocean via Duxbury Bay and Eagles Nest Bay - along the coastline of Atlantic Ocean via Duxbury Bay including the tidal areas of Eagles Nest Bay

SUMMARY OF REVISIONS

Flooding Source	Effective Flooding	Revised Flooding	Increases	Decreases
Atlantic Ocean via Cape Cod Bay, Duxbury Bay, Duck Hill River, Green Harbor, Pine Point River	Zone AO	Zone AE	NONE**	NONE**
	Depths	BFEs	YES	NONE
	BFEs	Depths	NONE	YES
Atlantic Ocean via Duxbury Bay and Eagles Nest Bay	BFEs	BFEs	NONE	YES
	Zone VE	Zone AE	NONE	YES
	Zone AE	Zone AE	NONE	NONE

This determination is based on the flood data presently available. The enclosed documents provide additional information regarding this determination. If you have any questions about this document, please contact the FEMA Map Information eXchange 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 our website at <https://www.fema.gov/national-flood-insurance-program>.

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Federal Insurance and Mitigation Administration



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**LETTER OF MAP REVISION
DETERMINATION DOCUMENT (CONTINUED)**

OTHER COMMUNITIES AFFECTED BY THIS REVISION

CID Number: 250273 **Name:** Town of Marshfield, Massachusetts

AFFECTED MAP PANELS

AFFECTED PORTIONS OF THE FLOOD INSURANCE STUDY REPORT

TYPE: FIRM*	NO.: 25023C0233K	DATE: November 4, 2016
TYPE: FIRM*	NO.: 25023C0234K	DATE: November 4, 2016
TYPE: FIRM*	NO.: 25023C0241K	DATE: November 4, 2016

DATE OF EFFECTIVE FLOOD INSURANCE STUDY: November 4, 2016
TRANSECT DATA TABLE: 14
TRANSECT DESCRIPTION TABLE: 13

This determination is based on the flood data presently available. The enclosed documents provide additional information regarding this determination. If you have any questions about this document, please contact the FEMA Map Information eXchange 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 our website at <https://www.fema.gov/national-flood-insurance-program>.

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**LETTER OF MAP REVISION
DETERMINATION DOCUMENT (CONTINUED)**

COMMUNITY INFORMATION

APPLICABLE NFIP REGULATIONS/COMMUNITY OBLIGATION

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

COMMUNITY REMINDERS

We based this determination on the 1-percent-annual-chance stillwater elevations computed in the FIS for your community. A comprehensive restudy of your community's flood hazards could establish greater flood hazards in this area.

Your community must regulate all proposed floodplain development and ensure that permits required by Federal and/or State/Commonwealth law have been obtained. State/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 your State/Commonwealth or community has adopted more restrictive or comprehensive floodplain management criteria, those criteria take precedence over the minimum NFIP requirements.

We will not print and distribute this LOMR to primary users, such as local insurance agents or mortgage lenders; instead, the community will serve as a repository for the new data. We encourage you to disseminate the information in this LOMR by preparing a news release for publication in your community's newspaper that describes the revision and explains how your community will provide the data and help interpret the NFIP maps. In that way, interested persons, such as property owners, insurance agents, and mortgage lenders, can benefit from the information.

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. Dean Savramis
Director, Mitigation Division
Federal Emergency Management Agency, Region I
99 High Street, Sixth Floor
Boston, MA 02110
(617) 832-4761

This determination is based on the flood data presently available. The enclosed documents provide additional information regarding this determination. If you have any questions about this document, please contact the FEMA Map Information eXchange 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 our website at <https://www.fema.gov/national-flood-insurance-program>.

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**LETTER OF MAP REVISION
DETERMINATION DOCUMENT (CONTINUED)**

STATUS OF THE COMMUNITY NFIP MAPS

We are processing a revised FIRM and FIS report for Plymouth County in our countywide format; therefore, we will not physically revise and republish the FIRM and FIS report for your community to incorporate the modifications made by this LOMR at this time. Preliminary copies of the countywide FIRM and FIS report, which present information from the effective FIRMs and FIS reports for your community and other incorporated communities in Plymouth County, were submitted to your community for review on April 18, 2018. We will either incorporate the modifications made by this LOMR into the preliminary FIRM and FIS report before they become effective or reissue the LOMR on the new FIRM and FIS report.

This determination is based on the flood data presently available. The enclosed documents provide additional information regarding this determination. If you have any questions about this document, please contact the FEMA Map Information eXchange 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 our website at <https://www.fema.gov/national-flood-insurance-program>.

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Patrick "Rick" F. Sacbibit, P.E., Branch Chief
Engineering Services Branch
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**LETTER OF MAP REVISION
DETERMINATION DOCUMENT (CONTINUED)**

PUBLIC NOTIFICATION OF REVISION

A notice of changes will be published in the *Federal Register*. This information also will be published in your local newspaper on or about the dates listed below, and through FEMA's Flood Hazard Mapping website at https://www.floodmaps.fema.gov/fhm/bfe_status/bfe_main.asp

LOCAL NEWSPAPER

Name: *Patriot Ledger*

Dates: September 5, 2019 and September 12, 2019

Within 90 days of the second publication in the local newspaper, any interested party 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 has elapsed and we have resolved any appeals that we receive during this appeal period. Until this LOMR is effective, the revised flood hazard determination presented in this LOMR may be changed.

This determination is based on the flood data presently available. The enclosed documents provide additional information regarding this determination. If you have any questions about this document, please contact the FEMA Map Information eXchange 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 our website at <https://www.fema.gov/national-flood-insurance-program>.

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