



**FEMA**

April 18, 2018

Shawn Dahlen, Chairperson  
Board of Selectmen  
Town of Duxbury  
Town Hall  
878 Tremont Street  
Duxbury, Massachusetts 02332

Prelim-EAP

Subject: Town of Duxbury, Plymouth County, Massachusetts  
Community No.: 250263

Panels Affected: 25023C0207K, 0209K, 0216K, 0217K, 0219K, 0226L, 0228L, 0229L, 0236K, 0237L, 0238L, 0239L, 0241L, 0356L

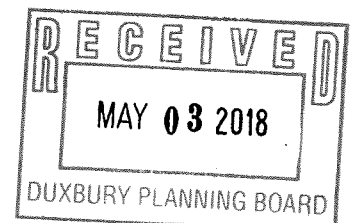
Re: Preliminary Flood Insurance Rate Map (FIRM) and Preliminary Flood Insurance Study (FIS) Report for  
Plymouth County, Massachusetts

Dear Mr. Dahlen:

We are pleased to present your community with copies of the Preliminary Flood Insurance Rate Map (FIRM) and Flood Insurance Study (FIS) report for Plymouth County, Massachusetts for your review and comment. This preliminary version of the FIRM and FIS report incorporates updated flood hazard information for portions of your community within the Cape Cod Watershed. We have revised only those FIRM panels with updated flood hazard information. The purpose of this effort is to provide your community with updated flood hazard risk information that can be utilized for mitigation actions and planning in order for your community to become more resilient to flood hazards.

You will find enclosed a DVD with the flood hazard information for Plymouth County as updated by this Preliminary issuance. By providing the flood hazard information in Geographic Information System (GIS) format, we are making it easier for your community to incorporate the data into your local GIS. In addition to the DVD, a hard copy of your community's Preliminary FIRM panels and FIS report were forwarded to your community's Floodplain Administrator. We have also provided a hard copy of the Preliminary FIRM panels to Joy Duperrault, your National Flood Insurance Program (NFIP) State Coordinator, whose contact information is provided at the end of this letter.

The flood hazard information presented on the FIRM includes Special Flood Hazard Areas (SFHAs), which are the areas that would be inundated by the flood having a 1-percent chance of being equaled or exceeded in any given year, known as the base flood, as well as the Base Flood Elevations (BFEs). On many flooding sources throughout the Cape Cod Watershed, the SFHAs and BFEs were produced using new hydrologic and hydraulic analyses and the SFHAs were delineated using 2-foot topographic data obtained through Light Detection and Ranging (LiDAR).



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Additionally, there may be areas where new hydrologic and hydraulic analyses were not completed, but the SFHA has changed due to the use of the more precise topographic data to delineate the flood hazard boundaries. In areas where there were no new studies or information was available, the current effective digital SFHA was incorporated onto the new base map. This work was conducted by FEMA's mapping contractor, the U.S. Geological Survey.

We are sending the Preliminary copies at this time to give your community an opportunity to review them. Additionally, in an effort to assist you in circulating the information, FEMA has posted digital copies of the FIRM and FIS report materials to the following website: [www.fema.gov/preliminaryfloodhazarddata](http://www.fema.gov/preliminaryfloodhazarddata).

We are working with your NFIP State Coordinator to schedule a community coordination meeting. The purpose of this meeting will be to present the results of the study, discuss the information presented on the Preliminary FIRM and FIS report, discuss their impact on your community's participation in the NFIP, and give your community a chance to comment or ask questions. In the meantime, we strongly encourage you to thoroughly review the enclosed copy, and circulate it as widely as possible among elected officials, staff, and other individuals or organizations in the community that would have an interest in the FIRM and FIS report, so that they will also have the opportunity to review them thoroughly before the formal community coordination meeting. We will contact you once this meeting has been scheduled. The meeting will be at least 30 days after the issuance of this letter.

The review period provides your community with an opportunity to identify changes and corrections to non-technical information. These may include corporate limits, road names, bridges, stream names, etc. on the FIRM or in the FIS report. Please send comments (digital format such as shapefiles preferred) no later than 30 days from the date of this letter to Gardner Bent, Project Manager, U.S. Geological Survey, 10 Bearfoot Road, Northboro, Massachusetts 01532. We will consider all comments and changes received during this period and will incorporate them, as appropriate, before the FIRM and FIS report become effective.

To assist your community in maintaining the FIRM, we have enclosed a Summary of Map Actions (SOMA) to document previous Letters of Map Change (LOMCs) (i.e., Letters of Map Amendment [LOMAs], Letters of Map Revision [LOMRs]). We reviewed our records for any previous LOMCs (i.e., LOMAs and LOMRs) for your community. The SOMA reflects the LOMCs found in our records for your community. Please compare your records with this SOMA list, to ensure that we have included all LOMCs that you have in your files.

Information on LOMCs is presented in the following four categories: (1) LOMCs for which results are shown on the FIRM; (2) LOMCs for which results could not be shown on the FIRM because of scale limitations. However, these LOMCs are still valid. LOMCs in Category 2 will be revalidated through a single letter that reaffirms the validity of previously issued LOMCs; the letter will be sent to your community shortly before the effective date of the FIRM and will become effective one day after the FIRM becomes effective. (3) LOMCs for which results are being superseded by new or revised flood hazard information. These LOMCs will not be revalidated and the community floodplain manager should notify the property owners. Finally, (4) LOMCs listed in Category 4 are not revalidated. FEMA will, however, review existing and/or new data to make a determination for the affected properties after the FIRM becomes effective. The community floodplain manager should notify property owners that they must reapply for the LOMC determination after the FIRM becomes effective. FEMA will then respond to their application with a determination, which will be sent to both the applicant and the community.

After the community coordination meeting, we will initiate a statutory 90-day appeal period for certain communities within Plymouth County. A statutory 90-day appeal period is required when FEMA adds or modifies Base (1-percent-annual-chance) Flood Elevations (BFEs), base flood depths, SFHAs, flood zone

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designations, or regulatory floodways within a community, as shown on the Preliminary FIRM. If your community is identified as requiring an appeal period, we will send you a letter approximately 2 weeks before the start of the 90-day appeal period to detail the appeal process. The letter will forward information regarding notifications to be published in the FEDERAL REGISTER and local newspaper(s) and will provide the first and second publication dates. The appeal period will start on the second publication date. Additional information concerning the 90-day appeal period will be provided during the community meeting.

All comments and appeals received through the end of the 90-day appeal period will be considered and incorporated as appropriate. Following the resolution of all comments and appeals, FEMA will issue a Letter of Final Determination (LFD). When FEMA issues the LFD, the community must adopt the new FIRM panels and FIS within 6 months in order to remain in good standing with the NFIP.

After the 30-day review and 90-day appeal periods have ended and we have addressed all comments/appeals, we will initiate final preparation of the FIRM and FIS report. The new FIRM and FIS report for your community will become effective approximately 7 to 10 months later. Before the effective date, you will be notified in writing of the official FIRM and FIS report effective date and asked to adopt floodplain ordinances or modify existing ordinances as necessary that correspond with the new FIRM or FIS report. If you or other community officials have any questions regarding floodplain ordinances, you may raise them with our FEMA Regional Office or you may discuss those issues with your NFIP State Coordinator. Several months before the effective date, we will mail one set of printed copies of the finalized FIRM and FIS report and digital copies of the map and report products.

Your community's comments on the Preliminary FIRM panels and FIS report are an important part of our mapping process, and we will consider them carefully before we publish the FIRM and FIS report in their final form. If you have any questions regarding the Preliminary copies of the FIRM and FIS report, please contact Richard Verville, the FEMA Consultation Coordination Officer designated for your community, at (617) 956-7524 or by email at [richard.verville@fema.dhs.gov](mailto:richard.verville@fema.dhs.gov). If you have any questions regarding the necessary floodplain management measures for your community or the NFIP in general, we urge you to contact Joy Duperault at (617) 626-1406 or by email at [joy.duperault@state.ma.us](mailto:joy.duperault@state.ma.us).

Sincerely,



Kerry Bogdan  
Risk Analysis Branch Chief  
Mitigation Division  
FEMA Region 1

NFIP State Coordinator's Contact Information:  
Joy Duperault, NFIP State Coordinator  
Massachusetts Department of Conservation and Recreation  
Suite 600  
251 Causeway Street  
Boston, Massachusetts 02114

Phone Number: (617) 626-1406  
Email: [joy.duperault@state.ma.us](mailto:joy.duperault@state.ma.us)

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Enclosures:  
DVD of Preliminary FIRM, FIS report, and SOMA

cc: Joe Grady, Conservation Administrator, Town of Duxbury (w/o enclosures)  
Peter Buttkus, Director of Public Works, Town of Duxbury (w/o enclosures)  
Rene J. Read, Town Manager, Town of Duxbury (w/o enclosures)  
Scott J. Lambiase, Building Commissioner, Town of Duxbury (w/o enclosures)  
Valerie Massard, AICP, CFM, Planning Director, Town of Duxbury (hard copy and DVD)  
Joy Duperault, State NFIP Coordinator, Massachusetts Department of Conservation and Recreation  
(hard copy and DVD)  
Richard Verville, Consultation Coordination Officer, FEMA Region I (hard copy and DVD)  
Gardner Bent, Project Manager, U.S. Geological Survey (w/o enclosures)



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Shawn Dahlen, Chairperson  
Board of Selectmen  
Town of Duxbury  
Town Hall  
878 Tremont Street  
Duxbury, Massachusetts 02332

Subject: Town of Duxbury, Plymouth County, Massachusetts  
Community No.: 250263

Dear Mr. Dahlen:

The effective Digital Flood Insurance Rate Maps (DFIRMs) for Plymouth County were issued on July 17, 2012, under the Map Modernization program. Your community received communication in November 2015 informing you that the flood hazard mapping for Plymouth County will continue under the Federal Emergency Management Agency's (FEMA's) Risk Mapping, Assessment, and Planning (RiskMAP) program. You were also given the workmaps for your community at the Flood Risk Review meeting (also known as the workmap meeting) on July 11, 2017. The U.S. Geological Survey (USGS), who is serving as FEMA's mapping partner, has now updated the Flood Insurance Study (FIS) report and prepared the preliminary DFIRMs, preliminary Summary of Map Action (SOMA), engineering analysis data, and the suite of Flood Risk products for Plymouth County. These materials were sent to you with the preliminary letter on April 18, 2018. The USGS would like to invite your community to review these products and discuss the preliminary process in the Community Coordination Officer (CCO) meeting.

For your convenience, we have scheduled a CCO meeting for your community to review your preliminary materials at **Dartmouth Town Hall (Room 304), 400 Slocum Road, Dartmouth, MA 02747, on Wednesday, May 23, 2018**. The meeting will begin at **9:00 AM** with a presentation, after which we will give you a chance to discuss the preliminary materials with project team members.

If you are not able to make it to this meeting, you are invited to attend the afternoon session instead, which will be held at **1:00 PM** on **Wednesday, May 23, 2018** at **Kingston Town Hall (Room 200), 26 Evergreen Street, Kingston, MA 02364**.

Please RSVP to the Project Manager, Gardner Bent, at [gbent@usgs.gov](mailto:gbent@usgs.gov) or by telephone at (508) 490-5041.

Sincerely,

Kerry Bogdan  
Risk Analysis Branch Chief  
Mitigation Division  
FEMA Region I

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cc: Joe Grady, Conservation Administrator, Town of Duxbury  
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Valerie Massard, AICP, CFM, Planning Director, Town of Duxbury  
Joy Duperrault, State NFIP Coordinator, Massachusetts Department of Conservation and  
Recreation  
Gardner Bent, Project Manager, U.S. Geological Survey