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## ACRONYMNS

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**BMP – Best Management Practices**  
**CDBG - Community Development Block Grant**  
**CRS – Community Rating System**  
**DES – Department of Environmental Services**  
**DHS – Department of Homeland Security**  
**DMA – Disaster Mitigation Act**  
**DOT – Department of Transportation**  
**EAP – Emergency Action Plan**  
**EMD – Emergency Management Director**  
**EMPG – Emergency Management Planning Grant**  
**EMS – Emergency Medical Services**  
**EOC – Emergency Operations Center**  
**EOP – Emergency Operations Plan**  
**FEMA – Federal Emergency Management Agency**  
**FIRM – Flood Insurance Related Maps**  
**FMA – Flood Mitigation Assistance Program**  
**GIS – Geographic Information System**  
**HAZMAT – Hazardous Material**  
**HMGP – Hazard Mitigation Grant Program**  
**HSEM – Homeland Security and Emergency Management**  
**ICC – International Code Council**  
**NFIP – National Flood Insurance Program**  
**NH HSEM – NH Homeland Security and Emergency Management**  
**PDM – Pre-Disaster Mitigation**  
**OEP – Office of Energy Planning**  
**RC&D – Resource Conservation and Development**  
**USGS – United State Geological Survey**

## APPENDICES

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## **APPENDIX A**

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### **Hazard Mitigation Resources**

## ◆ HAZARD MITIGATION GRANT PROGRAM - "Section 404 Mitigation"

The Hazard Mitigation Grant Program (HMGP) in New Hampshire is administered in accordance with the 404 HMGP Administration Plan which was derived under the authority of Section 404 of the Stafford Act in accordance with Subpart N. of 44 CFR.

The program receives its funding pursuant to a Notice of Interest submitted by the Governor's Authorized Representative (or GAR, i.e. the Director of NH HSEM) to the FEMA Regional Director within 60 days of the date of a Presidentially Declared Disaster.

The amount of funding that may be awarded to the State/Grantee under the HMGP may not exceed 15% of (over and above) the overall funds as are awarded to the State pursuant to the Disaster Recovery programs as are listed in 44 CFR Subpart N. Section 206.431 (d) (inclusive of all Public Assistance, Individual Assistance, etc.). Within 15 days of the Disaster Declaration, an Inter-Agency Hazard Mitigation Team is convened consisting of members of various Federal, State, County, Local and Private Agencies with an interest in Disaster Recovery and Mitigation. From this meeting, a Report is produced which evaluates the event and stipulates the State's desired Mitigation initiatives.

Upon the GAR's receipt of the notice of an award of funding by the Regional Director, the State Hazard Mitigation Officer (SHMO) publishes a Notice of Interest (NOI) to all NH communities and State Agencies announcing the availability of funding and solicits applications for grants. The 404 Administrative Plan calls for a State Hazard Mitigation Team to review all applications. The Team is comprised of individuals from various State

**Eligible Subgrantees include:**

- State and Local governments,
- Certain Not for Profit Corporations
- Indian Tribes or authorized tribal organizations
- Alaskan corporations not privately owned.

**Minimum Project Criteria**

- Must conform with the State's "409" Plan
- Have a beneficial impact on the Declared area
- Must conform with:
  - NFIP Floodplain Regulations
  - Wetlands Protection Regulations
  - Environmental Regulations
  - Historical Protection Regulations
- Be cost effective and substantially reduce the risk of future damage
- Not cost more than the anticipated value of the reduction of both direct damages and subsequent negative impacts to the area if future disasters were to occur i.e., min 1:1 benefit/cost ratio
- Both costs and benefits are to be computed on a "net present value" basis
- Has been determined to be the most practical, effective and environmentally sound alternative after a consideration of a range of options
- Contributes to a long-term solution to the problem it is intended to address
- Considers long-term changes and has manageable future maintenance and modification requirements

Agencies.

**Eligible Projects** may be of any nature that will result in the protection to public or private property and include:

- Structural hazard control or protection projects
- Construction activities that will result in protection from hazards
- Retrofitting of facilities
- Certain property acquisitions or relocations
- Development of State and local mitigation standards
- Development of comprehensive hazard mitigation programs with implementation as an essential component
- Development or improvement of warning systems

## ◆ FLOOD MITIGATION ASSISTANCE (FMA) PROGRAM

New Hampshire has been a participant in the Flood Mitigation Assistance Program (FMA or FMAP) since 1996/97. In order to be eligible, a community must be a participant in the National Flood Insurance Program.

In 1997, the State was awarded funds to assist communities with Flood Mitigation Planning and Projects. A Planning Grant from the 1996/97 fund was awarded to the City of Keene in 1998. In preparation for the development of the Flood Mitigation Plan, the Planning Department of the City of Keene created a digital data base of its floodplain including the digitizing of its tax assessing maps as well as its Special Flood Hazard Areas in GIS layers. The Plan Draft was submitted to FEMA for review and approval in March of 2000. The Plan includes a detailed inventory of projects and a "model" project prioritization approach.

In 1998, the FMAP Planning Grant was awarded to the Town of Salem. Given the complexity of the issues in the Spicket River watershed, the Town of Salem subcontracted a substantial portion of the development of its Flood Mitigation Planning to SFC Engineering Partnership of Manchester, NH, a private engineering firm. Salem submitted a Plan and proposed projects to the State and FEMA in May of 1999 which were approved by FEMA. This made Salem the first community in NH to have a FEMA/NFIP approved Flood Mitigation Plan.

### Flood Mitigation Assistance Program

- NFIP Funded by a % of Policy Premiums
- Planning Grants
- Technical Assistance Grants to States (10% of Project Grant)
- Project Grants to communities
- Communities must have FEMA approved Flood Mitigation Plan to receive Project Funds

## ◆ PRE-DISASTER MITIGATION PROGRAM (PDM)

### *Eligible Projects*

*(44 CFR Part 78)*

- Elevation of NFIP insured residential structures
- Elevation and dry-proofing of NFIP insured non-residential structures
- Acquisition of NFIP insured structures and underlying real property
- Relocation of NFIP insured structures from acquired or restricted real property to sites not prone to flood hazards
- Demolition of NFIP insured structures on acquired or restricted real property
- Other activities that bring NFIP insured structures into compliance with statutorily authorized floodplain management requirements
- Beach nourishment activities that include planting native dune vegetation and/or the installation of sand-fencing.
- Minor physical mitigation projects that do not duplicate the flood prevention activities of other Federal agencies and lessen the frequency of flooding or severity of flooding and decrease the predicted flood damages in localized flood problem areas. These include: modification of existing culverts and bridges, installation or modification of flood gates, stabilization of stream banks, and creation of small debris or flood/storm water retention basins in small watersheds (not dikes, levees, seawalls etc.)

FEMA has long been promoting disaster resistant construction and retrofit of facilities that are vulnerable to hazards in order to reduce potential damages due to a hazard event. The goal is to reduce loss of life, human suffering, economic disruption, and disaster costs to the Federal taxpayer. This has been, and continues to be accomplished, through a variety of programs and grant funds.

Although the overall intent is to reduce vulnerability before the next disaster threatens, the bulk of the funding for such projects actually has been delivered through a "post-disaster" funding mechanism, the Hazard Mitigation Grant Program (HMGP). This program has successfully addressed the many hazard mitigation opportunities uniquely available following a disaster. However, funding of projects "pre-disaster" has been more difficult, particularly in states that have not experienced major disasters in the past decade. In an effort to address "pre-disaster mitigation", FEMA piloted a program from 1997-2001 entitled "Project Impact" that was community based and multi-hazard oriented.

Through the Disaster Mitigation Act of 2000, Congress approved creation of a national Pre-disaster Hazard Mitigation program to provide a funding mechanism that is not dependent on a Presidential disaster declaration. For FY2002, \$25 million has been appropriated for the new grant program entitled the ***Pre-Disaster Mitigation Program (PDM)***. This new program builds on the experience gained from Project Impact, the HMGP, and other mitigation initiatives.

Eligible projects include:

- State and local hazard mitigation planning
- Technical assistance [e.g. risk assessments, project development]
- Mitigation Projects
  - Acquisition or relocation of vulnerable properties
  - Hazard retrofits
  - Minor structural hazard control or protection projects
- Community outreach and education [up to 10% of state allocation]

The funding is 75% Federal share, 25% non-Federal, except as noted below. The grant performance periods will be 18 months for planning grants, and 24 months for mitigation project grants. The PDM program is available to regional agencies and Indian tribes. Special accommodation will be made for "small and impoverished communities", who will be eligible for 90% Federal share, 10% non-Federal.

## ◆ COMMUNITY DEVELOPMENT BLOCK GRANT PROGRAM

*These Federal funds are provided through the U.S. Department of Housing and Urban Development (HUD) and are administered by the CDBG Program of the New Hampshire Office of State Planning.*

Some CDBG disaster related funding has been transferred to FEMA recently and the SHMO is scheduled to receive guidance as to which specific funds and, new program management criteria.

The specific CDBG funds designated for hazard mitigation purposes are made available to address "unmet needs" pursuant to a given Disaster Declaration to States which request them. For these funds, project selection guidance is provided by NH HSEM and NHOSP administers the grant.

Pursuant to Declaration DR-1144-NH, \$557,000.00 was made available to the State and pursuant to DR-1199-NH, the grant award is targeted at \$1,500,000.00.

In October of 1998, HUD announced the program guidelines for the expenditure of the DR-1144-NH related funding and the community of Salem applied for, and has received preliminary approval for funding to acquire a 19 unit trailer park in the Floodplain.

### **Community Development Block Grant**

- *U.S. Dept. of Housing and Urban Development*
- *Funds for a Declared Disaster's "Unmet Needs"*
- *Projects must meet one of three National Objectives*
- *Provide a direct benefit to low and moderate income persons or households*
- *Prevent or eliminate slums and blight*
- *Eliminate conditions which seriously and immediately threaten the public health and welfare*

*Additional conditions with respect to the expenditure of these funds includes the provision that at least 50% of the grant award must be expended in a manner which benefits individuals who earn 80% or less than the area's (county's) median income.*

<b>WEBSITES FOR MITIGATION RESOURCES</b>	
American Planning Association	<a href="http://planning.org">http://planning.org</a>
Community Rating System	<a href="http://www.fema.gov/national-flood-insurance-program-community-rating-system">http://www.fema.gov/national-flood-insurance-program-community-rating-system</a>
FEMA Mitigation Planning	<a href="http://www.fema.gov/multi-hazard-mitigation-planning">http://www.fema.gov/multi-hazard-mitigation-planning</a>
FEMA Public Assistance Program	<a href="https://www.fema.gov/public-assistance-local-state-tribal-and-non-profit">https://www.fema.gov/public-assistance-local-state-tribal-and-non-profit</a>
Flood Mitigation Assistance Program	<a href="http://www.fema.gov/flood-mitigation-assistance-program">http://www.fema.gov/flood-mitigation-assistance-program</a>
Hazard Mitigation Grant Program	<a href="http://www.fema.gov/hazard-mitigation-grant-program">http://www.fema.gov/hazard-mitigation-grant-program</a>
HAZUS and HAZUS–MH	<a href="https://www.fema.gov/hazus">https://www.fema.gov/hazus</a>
Mitigation Success Stories	<a href="http://www.fema.gov/mitigation-best-practices-portfolio">http://www.fema.gov/mitigation-best-practices-portfolio</a>
National Flood Insurance Program	<a href="http://www.fema.gov/nfip">http://www.fema.gov/nfip</a>
National Hurricane Program	<a href="http://www.fema.gov/hazards/hurricanes/nhp.shtm">http://www.fema.gov/hazards/hurricanes/nhp.shtm</a>
NOAA Storm Events	<a href="http://www.ncdc.noaa.gov/stormevents/">http://www.ncdc.noaa.gov/stormevents/</a>
NH Homeland Security & Emergency Management	<a href="http://www.nh.gov/safety/divisions/hsem/">http://www.nh.gov/safety/divisions/hsem/</a>
Pre-Disaster Mitigation Program	<a href="https://www.fema.gov/pre-disaster-mitigation-grant-program">https://www.fema.gov/pre-disaster-mitigation-grant-program</a>
Small Business Administration	<a href="http://www.sba.gov/disaster">http://www.sba.gov/disaster</a>
U.S. Army Corps of Engineers	<a href="http://www.usace.army.mil">http://www.usace.army.mil</a>
U.S. Department of Agriculture (USDA)	<a href="http://www.usda.gov/da/disaster/nda.htm">http://www.usda.gov/da/disaster/nda.htm</a>
USDA , Natural Resources Conservation Service	<a href="http://www.nrcs.usda.gov">http://www.nrcs.usda.gov</a>
U.S. Department of Housing and Urban Development	<a href="http://portal.hud.gov/hudportal/HUD">http://portal.hud.gov/hudportal/HUD</a>

## **APPENDIX B**

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### **Documentation of Planning Process**

#### **Including:**

**Agendas**

**Attendance Sheets**

**Public Notices / Email Notices**

**Problem Statements**

**Mitigation Project Identification Matrix**

**Prioritized Mitigation Projects**

# Jaffrey, NH Hazard Mitigation Plan

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September 25, 2014

## Committee/Public Meeting AGENDA

1. Introductions
2. Review/Update Goals
3. Review/Update Hazard History
4. Review/Update Risk Matrix
5. Review/Update Problem Statements
6. Review for next meeting:
  - Update Critical Facilities (Chap. 4)
  - Update Capability Assessment (Chap.5)
  - Distribute Sample Mitigation Projects

### ATTENDEES

<b>2015 Committee</b>	
Bill Oswalt	Jaffrey Police Chief
Cush Moore	Jaffrey Citizen
David Caron	Jaffrey Town Manager
David Chamberlain	Jaffrey Fire Chief
Clay Hollister	Jaffrey Emergency Management Director
Doug Starr	Jaffrey DPW
JoAnne Carr	Jaffrey Planning & Economic Development
Randy Heglin	Jaffrey DPW Director
William Sudsbury	SAU 47
Derek L. Melanson	Trinity EMS
Rob Stephenson	Jaffrey Historical Society
Jane Hubbard	Consultant, Hubbard Consulting LLC
Bonnie Lockwood	Consultant, McGrew Management Services

# Jaffrey, NH Hazard Mitigation Plan

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October 20, 2014

## Committee/Public Meeting AGENDA

1. Review/update Critical Facilities Chapter 4
2. Review/update Existing Program Chapter 5
3. Update projects in Chapter 6
4. Review for next meeting:
  - Problem Statements to Projects Matrix
  - Distribute Sample Mitigation Projects

### ATTENDEES

<b>2015 Committee</b>	
Cush Moore	Jaffrey Citizen
David Caron	Jaffrey Town Manager
David Chamberlain	Jaffrey Fire Chief
Clay Hollister	Jaffrey Emergency Management Director
Doug Starr	Jaffrey DPW
JoAnne Carr	Jaffrey Planning & Economic Development
Randy Heglin	Jaffrey DPW Director
William Sudsbury	SAU 47
Derek L. Melanson	Trinity EMS
Rob Stephenson	Jaffrey Historical Society
Don MacIsaac	Jaffrey Selectman
Scott Stevens	Jaffrey Police Department
Liz Lufkin	NH HSEM
Jane Hubbard	Consultant, Hubbard Consulting LLC
Bonnie Lockwood	Consultant, McGrew Management Services

# Jaffrey, NH Hazard Mitigation Plan

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December 16, 2014

## Committee/Public Meeting AGENDA

1. Identify new mitigation projects using the 'Problem Statement to Projects' worksheet.
  
2. Review for next meeting:
  - Prioritize Projects
  - Complete Mitigation Action Plan

### ATTENDEES

2015 Committee	
Bill Oswalt	Jaffrey Police Chief
Cush Moore	Jaffrey Citizen
David Chamberlain	Jaffrey Fire Chief
Clay Hollister	Jaffrey Emergency Management Director
Doug Starr	Jaffrey DPW
JoAnne Carr	Jaffrey Planning & Economic Development
Randy Heglin	Jaffrey DPW Director
William Sudsbury	SAU 47
Derek L. Melanson	Trinity EMS
Rob Stephenson	Jaffrey Historical Society
Don MacIsaac	Jaffrey Selectman
Jane Hubbard	Consultant, Hubbard Consulting LLC
Bonnie Lockwood	Consultant, McGrew Management Services

# Jaffrey, NH Hazard Mitigation Plan

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January 12, 2015

## Committee/Public Meeting AGENDA

1. Complete STAPLEE
2. Prioritize Projects
3. Complete Mitigation Action Plan
4. Review for next meeting:

Review Final Draft

### ATTENDEES

<b>2015 Committee</b>	
Bill Oswalt	Jaffrey Police Chief
Cush Moore	Jaffrey Citizen
David Caron	Jaffrey Town Manager
David Chamberlain	Jaffrey Fire Chief
Clay Hollister	Jaffrey Emergency Management Director
Doug Starr	Jaffrey DPW
JoAnne Carr	Jaffrey Planning & Economic Development
Randy Heglin	Jaffrey DPW Director
William Sudsbury	SAU 47
Derek L. Melanson	Trinity EMS
Rob Stephenson	Jaffrey Historical Society
Don MacIsaac	Jaffrey Selectman
Jane Hubbard	Consultant, Hubbard Consulting LLC
Bonnie Lockwood	Consultant, McGrew Management Services

## **PUBLIC NOTICE TO THE RESIDENTS OF JAFFREY, NH**

### **PUBLIC NOTICE**

**INSERT DATE at 10:00am  
Jaffrey Fire Department  
Jaffrey, NH**

The Town of Jaffrey, with the Hazard Mitigation Planning Committee, is currently working to update Jaffrey's *Hazard Mitigation Plan*. The *Plan* identifies potential natural and man-made hazards throughout the town and various projects and/or strategies to mitigate their effects. The President signed into law, the Disaster Mitigation Act of 2000 (DMA), Section 322-Mitigation Planning. It requires all local governments to prepare and adopt jurisdiction-wide hazard mitigation plans as a condition of receiving Hazard Mitigation Grant Program (HMGP) and Pre-Disaster Mitigation (PDM) project grants.

All residents, neighboring communities, businesses, and interested parties are formally invited to review a draft of the Updated *Plan* and publicly comment on their concerns regarding the *Plan*.

For more information please contact Clay Hollister, Jaffrey Emergency Management Director at 603-532-5717 or via email at [gch2@wivalley.net](mailto:gch2@wivalley.net).

*The above notice was posted at the Jaffrey Town Hall and Jaffrey Post Office, and the Monadnock Ledger newspaper on October 9, 2014, October 28, 2014, November 25, 2014, December 30, 2014 and January 2, 2015. In addition email notices were sent to neighboring towns, chamber of commerce and the regional planning commission, as shown below.*

*The following was emailed on 9/18/14, 10/16/14, and 12/4/14:*

The Town of Jaffrey, NH is in the process of updating its Hazard Mitigation Plan. This Plan is a tool to be used by the Town, as well as other local, state and federal governments, to reduce the effects of natural and man-made hazards. Our communities and organizations share common hazards which do not respect governmental boundaries. Therefore, we are personally inviting you to participate in the planning process to update the Town's Hazard Mitigation Plan.

We encourage you to attend the next Committee meeting on September 25th at 10:00 a.m. at the Jaffrey Fire Department on 138 Turnpike Road. If you are unable to attend this meeting you may access a copy of the planning documents and/or comment on hazard mitigation issues by emailing Jane Hubbard with Hubbard Consulting LLC at [jhubb\\_99@yahoo.com](mailto:jhubb_99@yahoo.com) or at [603-848-8801](tel:603-848-8801).

For further information on mitigation planning, we are attaching a fact sheet. We look forward to hearing your ideas on how to mitigate future hazards for the community.

Thank you, on behalf of the Town of Jaffrey,  
Jane Hubbard  
Sandra LaPlante  
Marlborough EMD  
[slaplante@marlboroughnh.org](mailto:slaplante@marlboroughnh.org)

Nancy Carney  
Fitzwilliam EMD  
[fitzfire@webryders.net](mailto:fitzfire@webryders.net)

Ed Walker, EMD  
Peterborough EMD  
[administration@townofpeterborough.us](mailto:administration@townofpeterborough.us)

Rick Donovan, Fire Chief/EMD  
Rindge EMD  
[RFDChief@town.rindge.nh.us](mailto:RFDChief@town.rindge.nh.us)

Robert Hebert, EMD  
Troy EMD  
[troyemd@hotmail.com](mailto:troyemd@hotmail.com)

Southwest Regional Planning Commission  
[admin@swrpc.org](mailto:admin@swrpc.org)

Parker Moore, State HMO  
NH HSEM  
[parker.moore@dos.nh.gov](mailto:parker.moore@dos.nh.gov)

Elizabeth Lufkin  
NH HSEM Field Rep  
[Elizabeth.Lufkin@dos.nh.gov](mailto:Elizabeth.Lufkin@dos.nh.gov)

Jennifer Gilbert, NFIP Coord.  
Office of Energy & Planning  
[jennifer.gilbert@nh.gov](mailto:jennifer.gilbert@nh.gov)

School Principals in the District  
[l.pimental@sau47.org](mailto:l.pimental@sau47.org)  
[r.clark@sau47.org](mailto:r.clark@sau47.org)  
[s.shawsarles@sau47.org](mailto:s.shawsarles@sau47.org)

Keene Chamber of Commerce  
[info@keenechamber.com](mailto:info@keenechamber.com)

Hazard	Problem Statements	<b>Projects</b> <i><b>BOLD are existing projects from last edition of plan</b></i>	Social	Technical	Administrative	Political	Legal	Economic	Environments
<b>Dam Failure</b>	1. There are several dams located in and outside of Jaffrey, that if breached could cause damage to roads and property, including major access routes, bridges, residents and public utilities.	1. Repair or remove the Poole Reservoir Dam.	-	+	+	+	+	+	+
<b>Drought</b>	2. An extended drought increases the probability of fires and may hinder fire suppression in minimal fire protection areas.	<b>EXAMPLE</b>	+	+	+	+	+	-	-
	3. Public and Private wells would be affected in an extended drought.	2. Connect the Peterborough/Jaffrey emergency interconnect water system as a secondary water source that may be used during drought conditions. (DELETED AT LAST MEETING)	+	+	+	+	+	-	-
<b>Earthquake</b>	4. Critical facilities and structures of un-reinforced masonry, as well as utilities, are susceptible to earthquake damage.	3. Conduct seismic retrofitting of the Police Department, Public Works and the EOC.	+	+	+	-	+	-	+
<b>Extreme Heat</b>	5. Special populations would be at risk during an extended period of extreme heat.	4. Educate the public regarding dangers of extreme heat and steps they can take to protect themselves, utilizing the town's Code Red, website and printed materials.	+	+	+	+	+	+	+

Hazard	Problem Statements	<b>Projects</b> <i><b>BOLD are existing projects from last edition of plan</b></i>	Social	Technical	Administrative	Political	Legal	Economic	Environments
Flood	6. Heavy and prolonged rain events cause flood damage to roads and culverts, bridges and property.	5. Educate public about the National Flood Insurance Program and benefits of flood insurance through website links and brochures.	+	+	+	+	+	+	+
		6. Develop live web access floodplain overlay on the Town's tax maps.	+	+	+	+	+	+	+
		7. Update floodplain maps to reflect more accurate flood levels in the area of Nutting Road and Old Sharon Road.	+	+	+	+	+	+	+
		8. Join the Community Rating System (CRS).	+	+	+	+	+	+	+
Hurricane	7. Power outages from downed utilities, structural damage, limited access and flooding can affect the town as a result of a hurricane.	9. Retrofit the Town Office for generator hookup.	+	+	+	+	+	-	+
		10. Construct the EOC to meet FEMA 361 standards.	+	+	+	+	+	+	+
		11. Ensure the school officials, the good shepherd nursing home and the bible conference center are aware of the best refuge in severe wind incidents.	+	+	+	+	+	+	+
	8. Debris removal is an added expense to town.								

Hazard	Problem Statements	<p style="text-align: center;"><b>Projects</b> <i><b>BOLD are existing projects from last edition of plan</b></i></p>	Social	Technical	Administrative	Political	Legal	Economic	Environments
Lightning	9. Structural and forest fires can result from lightning strikes.	12. Educate the public regarding dangers of lightning and steps they can take to protect themselves, utilizing the town’s Code Red, website and printed materials.	+	+	+	+	+	+	+
	10. Populations involved in outdoor activities are at risk from lightning strikes.								
	11. Critical facilities and utilities (i.e. communication towers) are at risk to lightning strikes.	13. Install lightning protection measures on all of the town’s critical facilities and schools.	+	+	+	+	+	-	+
Severe Wind <i>(Tornado/ Downburst)</i>	12. Wind damage can result in downed utilities causing power outages, damaged structures and property and limited access.	14. Ensure the school officials, the good shepherd nursing home and the bible conference center are aware of the best refuge in severe wind incidents.	+	+	+	+	+	+	+
	13. Populations involved in activities in outdoor recreation areas are at high risk in severe wind events.								
Wild/ Forest Fire	14. The town of Jaffrey and surrounding towns are heavily forested and susceptible to wildfires.	15. Install/upgrade rural fire suppression sources per the RC&D report.	+	+	+	+	+	+	+
	15. Wildfires can be difficult to access due to lack of roads in certain areas of town.								

Hazard	Problem Statements	<p style="text-align: center;"><b>Projects</b> <i>BOLD are existing projects from last edition of plan</i></p>	Social	Technical	Administrative	Political	Legal	Economic	Environments
Winter Weather	16. Extended power outages and extreme cold due to winter storms may require activation of a shelter.	16. Educate the public regarding dangers of severe winter weather (including generator & carbon monoxide hazards) and steps they can take to protect themselves, utilizing the town’s Code Red, website and printed materials.	+	+	+	+	+	+	+
	17. Extreme amounts of snow, severe cold and road conditions can impede emergency response.	17. Retrofit the public works building to meet snow load building code.	+	+	+	+	+	+	+
Human Caused Hazards	18. Transportation and fixed facility related hazardous materials related incidents are likely to occur.	18. Secure Town Office against physical assault.	+	+	+	+	+	-	+
	19. Government buildings (town and county) are at risk to human caused hazards.	19. Coordinate with the school district to ensure the emergency response plans are adequate and up to date	+	+	+	+	+	+	+
	20. Susceptible to mass casualty incidents. 21. Silver Ranch airport has the potential for plane crashes.	20. Implement projects/ recommendations identified in the NH HSEM school security survey.	+	+	+	+	+	+	+

For purposes of prioritizing the mitigation projects listed in the table below, each committee member should vote for half of the projects (vote for 10) by placing a check mark in the "# of votes" column. The projects will be prioritized based upon the total number of votes received for each project.

<b>PRIORITIZED MITIGATION PROJECTS</b>	<b># OF VOTES</b>
1. Repair or remove the Poole Reservoir Dam.	<b>2 Low</b>
2. Conduct seismic retrofitting of the Police Department, Public Works and the EOC.	<b>3 Low</b>
3. Educate the public regarding dangers of extreme heat and steps they can take to protect themselves, utilizing the town's Code Red, website and printed materials.	<b>4 Med</b>
4. Educate public about the National Flood Insurance Program and benefits of flood insurance through website links and brochures.	<b>3 Low</b>
5. Develop live web access floodplain overlay on the Town's tax maps.	<b>4 Med</b>
6. Update floodplain maps to reflect more accurate flood levels in the area of Nutting Road and Old Sharon Road.	<b>4 Med</b>
7. Join the Community Rating System (CRS).	<b>3 Low</b>
8. Retrofit the Town Office for generator hookup.	<b>4 Med</b>
9. Construct the EOC to meet FEMA 361 standards.	<b>6 Med</b>
10. Ensure the school officials, the good shepherd nursing home and the bible conference center are aware of the best refuge in severe wind incidents.	<b>5 Med</b>
11. Educate the public regarding dangers of lightning and steps they can take to protect themselves, utilizing the town's Code Red, website and printed materials.	<b>6 Med</b>
12. Install lightning protection measures on all of the town's critical facilities and schools.	<b>9 high</b>
13. Install/upgrade rural fire suppression sources per the RC&D report.	<b>5 Med</b>
14. Educate the public regarding dangers of severe winter weather (including generator & carbon monoxide hazards) and steps they can take to protect themselves, utilizing the town's Code Red, website and printed materials.	<b>3 Low</b>
15. Retrofit the public works building to meet snow load building code.	<b>8 High</b>
16. Secure Town Office against physical assault.	<b>7 Med</b>
17. Coordinate with the school district to ensure the emergency response plans are adequate and up to date.	<b>9 High</b>
18. Implement projects/ recommendations identified in the NH HSEM school security survey.	<b>6 Med</b>

**Total of 5 voters: 0-3 Low**

**4-7 Medium**

**8-10 High**

## **APPENDIX C**

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### **Approval Letter from FEMA**



U.S. Department of Homeland Security  
FEMA Region I  
99 High Street, Sixth Floor  
Boston, MA 02110-2132

**FEMA**

SEP 03 2015

Kathleen Batchelder, Chairman  
Jaffrey Board of Selectmen  
10 Goodnow Street  
Jaffrey, NH 03452

Dear Ms. Batchelder:

Thank you for the opportunity to review the Town of Jaffrey, New Hampshire Hazard Mitigation Plan Update 2015. The Department of Homeland Security (DHS), Federal Emergency Management Agency (FEMA) Region I has evaluated the plan for compliance with 44 C.F.R. Pt. 201. The plan satisfactorily meets all of the mandatory requirements set forth by the regulations.

With this plan approval, the Town of Jaffrey is eligible to apply to New Hampshire Homeland Security and Emergency Management for mitigation grants administered by FEMA. Requests for mitigation funding will be evaluated individually according to the specific eligibility requirements identified for each of these programs. A specific mitigation activity or project identified in your community's plan may not meet the eligibility requirements for FEMA funding; even eligible mitigation activities or projects are not automatically approved.

Approved mitigation plans are eligible for points under the National Flood Insurance Program's Community Rating System (CRS). Complete information regarding the CRS can be found at [www.fema.gov/business/nfip/crs.shtm](http://www.fema.gov/business/nfip/crs.shtm), or through your local floodplain administrator.

The Town of Jaffrey, New Hampshire Hazard Mitigation Plan Update 2015 must be reviewed, revised as appropriate, and resubmitted to FEMA for approval within **five years of the plan approval date of August 25, 2015** in order to maintain eligibility for mitigation grant funding. We encourage the Town to continually update the plan's assessment of vulnerability, adhere to its maintenance schedule, and implement, when possible, the mitigation actions proposed in the plan.

Kathleen Batchelder  
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Once again, thank you for your continued dedication to public service demonstrated by preparing and adopting a strategy for reducing future disaster losses. Should you have any questions, please do not hesitate to contact Marilyn Hilliard at (617) 956-7536.

Sincerely,



Paul F. Ford  
Acting Regional Administrator

PFF: mh

cc: Beth Peck, New Hampshire State Hazard Mitigation Officer  
Jennifer Gilbert, Asst. New Hampshire State NFIP Coordinator  
Parker Moore, New Hampshire State Hazard Mitigation Planner  
Clay Hollister, EMD, Jaffrey  
Jane Hubbard, Consultant, Hubbard Consulting, LLC

Enclosure