# FLOOD INSURANCE STUDY

FEDERAL EMERGENCY MANAGEMENT AGENCY

**VOLUME 2 OF 3** 



# STRAFFORD COUNTY, NEW HAMPSHIRE

(ALL JURISDICTIONS)

COMMUNITY NAME	NUMBER	COMMUNITY NAME	NUMBER
BARRINGTON, TOWN OF	330178	MILTON, TOWN OF	330149
DOVER, CITY OF	330145	NEW DURHAM, TOWN OF	330227
DURHAM, TOWN OF	330146	ROCHESTER, CITY OF	330150
FARMINGTON, TOWN OF	330147	ROLLINSFORD, TOWN OF	330190
LEE, TOWN OF	330148	SOMERSWORTH, CITY OF	330151
MADBURY, TOWN OF	330219	STRAFFORD, TOWN OF	330196
MIDDLETON, TOWN OF	330222		

PRELIMINARY 12/20/2018

### **REVISED:**

FLOOD INSURANCE STUDY NUMBER 33017CV002C

Version Number 2.3.3.0



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## **Published Separately**

Flood Insurance Rate Map (FIRM)

#### 6.5.5 Contracted Restudies

The NFIP provides for a periodic review and restudy of flood hazards within a given community. FEMA accomplishes this through a national watershed-based mapping needs assessment strategy, known as the Coordinated Needs Management Strategy (CNMS). The CNMS is used by FEMA to assign priorities and allocate funding for new flood hazard analyses used to update the FIS Report and FIRM. The goal of CNMS is to define the validity of the engineering study data within a mapped inventory. The CNMS is used to track the assessment process, document engineering gaps and their resolution, and aid in prioritization for using flood risk as a key factor for areas identified for flood map updates. Visit <a href="www.fema.gov">www.fema.gov</a> to learn more about the CNMS or contact the FEMA Regional Office listed in Section 8 of this FIS Report.

#### 6.5.6 Community Map History

The current FIRM presents flooding information for the entire geographic area of Strafford County. Previously, separate FIRMs, Flood Hazard Boundary Maps (FHBMs) and/or Flood Boundary and Floodway Maps (FBFMs) may have been prepared for the incorporated communities and the unincorporated areas in the county that had identified SFHAs. Current and historical data relating to the maps prepared for the project area are presented in Table 28, "Community Map History." A description of each of the column headings and the source of the date is also listed below.

- Community Name includes communities falling within the geographic area shown
  on the FIRM, including those that fall on the boundary line, nonparticipating
  communities, and communities with maps that have been rescinded.
  Communities with No Special Flood Hazards are indicated by a footnote. If all
  maps (FHBM, FBFM, and FIRM) were rescinded for a community, it is not listed
  in this table unless SFHAs have been identified in this community.
- Initial Identification Date (First NFIP Map Published) is the date of the first NFIP map that identified flood hazards in the community. If the FHBM has been converted to a FIRM, the initial FHBM date is shown. If the community has never been mapped, the upcoming effective date or "pending" (for Preliminary FIS Reports) is shown. If the community is listed in Table 28 but not identified on the map, the community is treated as if it were unmapped.
- Initial FHBM Effective Date is the effective date of the first FHBM. This date may be the same date as the Initial NFIP Map Date.
- FHBM Revision Date(s) is the date(s) that the FHBM was revised, if applicable.
- Initial FIRM Effective Date is the date of the first effective FIRM for the community.
- FIRM Revision Date(s) is the date(s) the FIRM was revised, if applicable. This is
  the revised date that is shown on the FIRM panel, if applicable. As countywide
  studies are completed or revised, each community listed should have its FIRM
  dates updated accordingly to reflect the date of the countywide study. Once the
  FIRMs exist in countywide format, as PMRs of FIRM panels within the county are
  completed, the FIRM Revision Dates in the table for each community affected by

the PMR are updated with the date of the PMR, even if the PMR did not revise all the panels within that community.

The initial effective date for the Strafford County FIRMs in countywide format was 05/17/2005.

**Table 28: Community Map History** 

Community Name	Initial Identification Date	Initial FHBM Effective Date	FHBM Revision Date(s)	Initial FIRM Effective Date	FIRM Revision Date(s)
Barrington, Town of	02/21/1975	02/21/1975	N/A	09/01/1989	TBD 09/30/2015 05/17/2005
Dover, City of	07/26/1974	07/26/1974	02/11/1977	04/15/1980	TBD 09/30/2015 05/17/2005
Durham, Town of	09/13/1974	09/13/1974	05/14/1976	05/03/1990	TBD 09/30/2015 05/17/2005 08/23/2001
Farmington, Town of	06/28/1974	06/28/1974	12/07/1979 04/16/1976	05/17/1988	TBD 05/17/2005
Lee, Town of	06/21/1974	06/21/1974	09/03/1976	04/02/1986	TBD 09/30/2015 05/17/2005
Madbury, Town of	01/17/1975	01/17/1975	N/A	05/17/2005	TBD 09/30/2015
Middleton, Town of	01/31/1975	01/31/1975	01/10/1978	08/01/1988	TBD 05/17/2005
Milton, Town of	10/25/1974	10/25/1974	02/18/1977	06/03/1988	TBD 05/17/2005
New Durham, Town of	02/07/1975	02/07/1975	12/10/1976	05/02/1991	TBD 05/17/2005
Rochester, City of	11/08/1977	11/08/1977	N/A	09/16/1982	TBD 09/30/2015 05/17/2005
Rollinsford, Town of	01/03/1975	01/03/1975	02/28/1978	04/02/1986	TBD 09/30/2015 05/17/2005
Somersworth, City of	02/21/1975	02/21/1975	11/19/1976	08/16/1982	TBD 09/30/2015 05/17/2005
Strafford, Town of	02/28/1975	02/28/1975	12/31/1976	04/02/1986	TBD 05/17/2005 05/02/2002

#### **SECTION 7.0 – CONTRACTED STUDIES AND COMMUNITY COORDINATION**

#### 7.1 Contracted Studies

Table 29 provides a summary of the contracted studies, by flooding source, that are included in this FIS Report.

Table 29: Summary of Contracted Studies Included in this FIS Report

Flooding Source	FIS Report Dated	Contractor	Number	Work Completed Date	Affected Communities
Axe Handle	TBD	AECOM	EMB-2016- CA-00001	December 2017	Rochester, City of
Beards Creek	09/30/2015	UNH	EMB-2010- CA-0916	September 2013	Durham, Town of; Madbury, Town of
Beaver Brook	09/30/2015	UNH	EMB-2010- CA-0916	September 2013	New Durham, Town of
Bellamy River	TBD	AECOM	EMB-2016- CA-00001	December 2017	Barrington, Town of; Madbury, Town of
Bellamy River	09/30/2013	UNH	EMB-2010- CA-0916	September 2013	Dover, City of
Bellamy River	10/1979	U.S. SCS	IAA-H-18- 75, Project Order No. 8	January 1978	Dover, City of
Berrys River	TBD	AECOM	EMB-2016- CA-00001	December 2017	Barrington, Town of; Farmington, Town of; Strafford, Town of
Big River	TBD	AECOM	EMB-2016- CA-00001	December 2017	Strafford, Town of; Farmington, Town of
Blackwater Brook	TBD	AECOM	EMB-2016- CA-00001	December 2017	Dover, City of; Somersworth, City of; Rochester, City of
Bow Lake	05/02/2002	USGS	EMW-99-IA- 0163	June 2000	Strafford, Town of
Branch River	TBD	AECOM	EMB-2016- CA-00001	December 2017	Middleton, Town of
Branch River	06/03/1988	Costello, Lomasney, & DeNapoi Inc.	EMW-84-R- 160	November 1985	Milton, Town of
Bunker Creek	09/30/2015	UNH	EMB-2010- CA-0916	September 2013	Durham, Town of
Caldwell Brook	TBD	AECOM	EMB-2016- CA-00001	December 2017	Barrington, Town of; Lee, Town of

Table 29: Summary of Contracted Studies Included in this FIS Report (continued)

Flooding Source	FIS Report Dated	Contractor	Number	Work Completed Date	Affected Communities
Canney Brook	09/30/2015	UNH	EMB-2010- CA-0916	September 2013	Dover, City of
Chelsey Brook	TBD	AECOM	EMB-2016- CA-00001	December 2017	Durham, Town of; Lee, Town of
Clark Brook	TBD	AECOM	EMB-2016- CA-00001	December 2017	Dover, City of; Rochester, City of
Club Pond	05/02/1991	scs	EMW-88-E- 2736	September 1989	New Durham, Town of
Cocheco River	TBD	AECOM	EMB-2016- CA-00001	December 2017	Dover, City of; Farmington, Town of; New Durham, Town of; Rochester, City of
Cocheco River	09/30/2015	UNH	EMB-2010- CA-0916	September 2013	Dover, City of
Cocheco River	10/1979	U.S. SCS	IAA-H-18- 75, Project Order No. 8	January 1978	Dover, City of
Cocheco River	03/16/1982	Hamilton Engineering Associates, Inc.	EMW-C- 0334	April 1981	Rochester, City of
Cocheco River	TBD	AECOM	EMB-2016- CA-00001	December 2017	Rochester, City of
Cocheco River	05/17/1988	Costello, Lomansney, & deNapoli	EMW-84-R- 1600	November 1985	Farmington, Town of; Rochester, City of
College Brook	09/30/2015	USGS, New England Water Science Center	EMB-2010- CA-0916	November 2012	Durham, Town of
College Brook	09/30/2015	UNH	EMB-2010- CA-0916	September 2013	Durham, Town of
Crommet Creek	09/30/2015	UNH	EMB-2010- CA-0916	September 2013	Durham, Town of
Dames Brook	TBD	AECOM	EMB-2016- CA-00001	December 2017	Farmington, Town of; Milton, Town of
Dames Brook	05/17/1988	Costello, Lomasney, & deNapoli Inc.	EMW-84-R- 160	November 1985	Farmington, Town of

Table 29: Summary of Contracted Studies Included in this FIS Report (continued)

Flooding Source	FIS Report Dated	Contractor	Number	Work Completed Date	Affected Communities
Dube Brook	TBD	AECOM	EMB-2016- CA-00001	December 2017	Lee, Town of; Madbury, Town of
Durham Reservoir	09/30/2015	UNH	EMB-2010- CA-0916	September 2013	Durham, Town of
Ela River	TBD	AECOM	EMB-2016- CA-00001	December 2017	Farmington, Town of; New Durham, Town of
Ela River	05/17/1988	Costello, Lomasney, & deNapoli Inc.	EMW-84-R- 1600	November 1985	Farmington, Town of
Ellison Brook	09/30/2015	UNH	EMB-2010- CA-0916	September 2013	Durham, Town of
Follets Brook	09/30/2015	UNH	EMB-2010- CA-0916	September 2013	Durham, Town of
Garvin Brook	09/30/2015	UNH	EMB-2010- CA-0916	September 2013	Dover, City of; Rollinsford, City of
Gerrish Brook	09/30/2015	UNH	EMB-2010- CA-0916	September 2013	Durham, Town of; Madbury, Town of
Great Bay	09/30/2015	*	*	*	Durham, Town of
Great Brook	TBD	AECOM	EMB-2016- CA-00001	December 2017	Milton, Town of
Hall Brook	TBD	AECOM	EMB-2016- CA-00001	December 2017	Barrington, Town of; Strafford, Town of
Hamel Brook	05/03/1990	SCS	EMW-86-E- 2225, Project Order No. 01	September 1987	Durham, Town of
Hart Brook	TBD	AECOM	EMB-2016- CA-00001	December 2017	Milton, Town of
Hayes Brook	TBD	AECOM	EMB-2016- CA-00001	December 2017	New Durham, Town of
Heath Brook	TBD	AECOM	EMB-2016- CA-00001	December 2017	Rochester, City of
Isinglass River	TBD	AECOM	EMB-2016- CA-00001	December 2017	Barrington, Town of; Rochester, City of; Strafford, Town of
Johnson Creek	09/30/2015	UNH	EMB-2010- CA-0916	September 2013	Dover, City of; Durham, Town of; Madbury, Town of

Table 29: Summary of Contracted Studies Included in this FIS Report (continued)

	FIS			Work	Affortod
Flooding Source	Report Dated	Contractor	Number	Completed Date	Affected Communities
Jones Brook	TBD	AECOM	EMB-2016- CA-00001	December 2017	Milton, Town of; Middleton, Town of
Kicking Horse Brook	05/17/1988	AECOM	EMB-2016- CA-00001	November 1985	Farmington, Town of
La Roche Brook	09/30/2015	UNH	EMB-2010- CA-0916	September 2013	Durham, Town of
Lamprey River	TBD	AECOM	EMB-2016- CA-00001	December 2017	Lee, Town of
Lamprey River	09/30/2015	USGS, New England Water Science Center	EMB-2010- CA-0916	November 2012	Durham, Town of
Little Bay	09/30/2015	UNH	EMB-2010- CA-0916	September 2013	Durham, Town of
Little River	TBD	AECOM	EMB-2016- CA-00001	December 2017	Barrington, Town of; Lee, Town of; Strafford, Town of
Littlehale Creek	09/30/2015	UNH	EMB-2010- CA-0916	September 2013	Durham, Town of
Longmarsh Brook	05/03/1990	SCS	EMW-86-E- 2225, Project Order No. 01	September 1987	Durham, Town of
Lyman Brook	TBD	AECOM	EMB-2016- CA-00001	December 2017	Milton, Town of
Mad River	TBD	AECOM	EMB-2016- CA-00001	December 2017	Farmington, Town of
Mad River	05/17/1988	Costello, Lomasney, & deNapoli, Inc.	EMW-84-R- 1600	November 1985	Farmington, Town of
Mallego Brook	TBD	AECOM	EMB-2016- CA-00001	December 2017	Barrington, Town of
Merrymeeting River	TBD	AECOM	EMB-2016- CA-00001	December 2017	New Durham, Town of
Miller Brook	TBD	AECOM	EMB-2016- CA-00001	December 2017	Milton, Town of

Table 29: Summary of Contracted Studies Included in this FIS Report (continued)

Flooding Source	FIS Report Dated	Contractor	Number	Work Completed Date	Affected Communities
Miller Brook	06/03/1988	Costello, Lomasney, & deNapoli, Inc.	EMW-84-R- 160	November 1985	Milton, Town of
Mohawk River	TBD	AECOM	EMB-2016- CA-00001	December 2017	Barrington, Town of
North River	TBD	AECOM	EMB-2016- CA-00001	December 2017	Lee, Town of
Oyster River	TBD	AECOM	EMB-2016- CA-00001	December 2017	Lee, Town of; Madbury, Town of
Oyster River	09/30/2015	USGS, New England Water Science Center	EMB-2010- CA-0916	November 2012	Durham, Town of
Peters Marsh Brook	TBD	AECOM	EMB-2016- CA-00001	December 2017	Somersworth, Town of
Pettee Brook	TBD	AECOM	EMB-2016- CA-00001	December 2017	Durham, Town of
Pettee Brook	08/23/2001	USGS	EMW-97-IA- 0155	April 1998	Durham, Town of
Piscataqua River	09/30/2015	*	*	*	Dover, City of
Pookamoonshine Brook	TBD	AECOM	EMB-2016- CA-00001	December 2017	Farmington, Town of
Reyners Brook	TBD	AECOM	EMB-2016- CA-00001	December 2017	Dover, City of
Rickers Brook	TBD	AECOM	EMB-2016- CA-00001	December 2017	Rochester, City of
Rollins Brook	TBD	AECOM	EMB-2016- CA-00001	December 2017	Rollinsford, City of
Rollins Brook	TBD	AECOM	EMB-2016- CA-00001	December 2017	Lee, Town of
Salmon Falls River	TBD	AECOM	EMB-2016- CA-00001	December 2017	Rollinsford, City of
Salmon Falls River	06/03/1988	Costello, Lomasney, & deNapoli, Inc.	EMW-84-R- 160	November 1985	Milton, Town of; Rochester, City of; Somersworth, City of
Spruce Brook	TBD	AECOM	EMB-2016- CA-00001	December 2017	Barrington, Town of; Strafford, Town of

Table 29: Summary of Contracted Studies Included in this FIS Report (continued)

Flooding Source	FIS Report Dated	Contractor	Number	Work Completed Date	Affected Communities
Tates Brook	TBD	AECOM	EMB-2016- CA-00001	December 2017	Somersworth, City of
Twombly Brook	TBD	AECOM	EMB-2016- CA-00001	December 2017	Dover, City of; Rollinsford, City of; Somersworth, City of
Wheelwright Pond	TBD	AECOM	EMB-2016- CA-00001	December 2017	Lee, Town of
Willand Pond	TBD	AECOM	EMB-2016- CA-00001	December 2017	Dover, City of

<sup>\*</sup>Data not available

#### 7.2 Community Meetings

The dates of the community meetings held for this Flood Risk Project and previous Flood Risk Projects are shown in Table 30. These meetings may have previously been referred to by a variety of names (Community Coordination Officer (CCO), Scoping, Discovery, etc.), but all meetings represent opportunities for FEMA, community officials, study contractors, and other invited guests to discuss the planning for and results of the project.

**Table 30: Community Meetings** 

Community	FIS Report Dated	Date of Meeting	Meeting Type	Attended By
Barrington, Town of	TBD	12/03/2015	Discovery	FEMA, the community, AECOM, NH DOT, NH Office of Energy and Planning, NH Homeland Security & Emergency Management, Strafford Regional Planning Commission, and University of New Hampshire
		TBD	CCO Meeting	FEMA, the community, and the study contractor
Dover, City of	TBD	9/22/2011	Discovery	FEMA, the community, AECOM, NH DOT, NH Office of Energy and Planning, NH Homeland Security & Emergency Management, Strafford Regional Planning Commission, and University of New Hampshire
		TBD	CCO Meeting	FEMA, the community, the study contractor, and USACE
Durham, Town of	TBD	9/22/2011	Discovery	FEMA, the community, AECOM, NH DOT, NH Office of Energy and Planning, NH Homeland Security & Emergency Management, Strafford Regional Planning Commission, and University of New Hampshire
		TBD	CCO Meeting	FEMA, the community, and the study contractor
Farmington, Town of	TBD	05/06/2016	Discovery	FEMA, the community, AECOM, NH DOT, NH Office of Energy and Planning, NH Homeland Security & Emergency Management, Strafford Regional Planning Commission, and University of New Hampshire
		TBD	CCO Meeting	FEMA, the community, and the study contractor
Lee, Town of	TBD	12/03/2015	Discovery	FEMA, the community, AECOM, NH DOT, NH Office of Energy and Planning, NH Homeland Security & Emergency Management, Strafford Regional Planning Commission, and University of New Hampshire
		TBD	CCO Meeting	FEMA, the community, and the study contractor

**Table 30: Community Meetings (continued)** 

Community	FIS Report Dated	Date of Meeting	Meeting Type	Attended By
Madbury, Town of	TBD	9/22/2011	Discovery	FEMA, the community, AECOM, NH DOT, NH Office of Energy and Planning, NH Homeland Security & Emergency Management, Strafford Regional Planning Commission, and University of New Hampshire
		TBD	CCO Meeting	FEMA, the community, and the study contractor
Middleton, Town of	TBD	12/03/2015	Discovery	FEMA, the community, AECOM, NH DOT, NH Office of Energy and Planning, NH Homeland Security & Emergency Management, Strafford Regional Planning Commission, and University of New Hampshire
		TBD	CCO Meeting	FEMA, the community, and the study contractor
Milton, Town of	TBD	12/03/2015	Discovery	FEMA, the community, AECOM, NH DOT, NH Office of Energy and Planning, NH Homeland Security & Emergency Management, Strafford Regional Planning Commission, and University of New Hampshire
		TBD	CCO Meeting	FEMA, the community, and the study contractor
New Durham, Town of	TBD	05/06/2016	Discovery	FEMA, the community, AECOM, NH DOT, NH Office of Energy and Planning, NH Homeland Security & Emergency Management, Strafford Regional Planning Commission, and University of New Hampshire
		TBD	CCO Meeting	FEMA, the community, and the study contractor
Rochester, City of	TBD	12/03/2015	Discovery	FEMA, the community, AECOM, NH DOT, NH Office of Energy and Planning, NH Homeland Security & Emergency Management, Strafford Regional Planning Commission, and University of New Hampshire
		TBD	CCO Meeting	FEMA, the community, and the study contractor

**Table 30: Community Meetings (continued)** 

Community	FIS Report Dated	Date of Meeting	Meeting Type	Attended By
Rollinsford, Town of	TBD	9/22/2011	Discovery	FEMA, the community, AECOM, NH DOT, NH Office of Energy and Planning, NH Homeland Security & Emergency Management, Strafford Regional Planning Commission, and University of New Hampshire
		TBD	CCO Meeting	FEMA, the community, and the study contractor
Somersworth, City of	TBD	12/03/2015	Discovery	FEMA, the community, AECOM, NH DOT, NH Office of Energy and Planning, NH Homeland Security & Emergency Management, Strafford Regional Planning Commission, and University of New Hampshire
		TBD	CCO Meeting	FEMA, the community, and the study contractor
Strafford, Town of	TBD	05/052016	Discovery	FEMA, the community, AECOM, NH DOT, NH Office of Energy and Planning, NH Homeland Security & Emergency Management, Strafford Regional Planning Commission, and University of New Hampshire
		TBD	CCO Meeting	FEMA, the community, and the study contractor

#### **SECTION 8.0 – ADDITIONAL INFORMATION**

Information concerning the pertinent data used in the preparation of this FIS Report can be obtained by submitting an order with any required payment to the FEMA Engineering Library. For more information on this process, see <a href="https://www.fema.gov">www.fema.gov</a>.

Table 31 is a list of the locations where FIRMs for Strafford County can be viewed. Please note that the maps at these locations are for reference only and are not for distribution. Also, please note that only the maps for the community listed in the table are available at that particular repository. A user may need to visit another repository to view maps from an adjacent community.

**Table 31: Map Repositories** 

Community	Address	City	State	Zip Code
Barrington, Town of	Town Office 333 Calef Highway	Barrington	HH	03825
Dover, City of	City Office 288 Central Avenue	Dover	NH	03820
Durham, Town of	Town Office 15 Newmarket Road	Durham	NH	03824
Farmington, Town of	Town Hall 365 Main Street	Farmington	NH	03835
Lee, Town of	Town Hall 7 Mast Road	Lee	NH	03861
Madbury, Town of	Town Hall 13 Town Hall Road	Madbury	NH	03823
Middleton, Town of	Town Office 182 Kings Highway	Middleton	NH	03887
Milton, Town of	Town Office 424 White Mountain Highway	Milton	NH	03851
New Durham, Town of	Town Office 4 Main Street	New Durham	NH	03855
Rochester, City of	City Code Enforcement Office City Hall 31 Wakefield Street	Rochester	NH	03867
Rollinsford, Town of	Town Office 667 Main Street	Rollinsford	НИ	03869
Somersworth, City of	City Hall 1 Government Way	Somersworth	NH	03878
Strafford, Town of	Town Hall 12 Mountain View Drive	Strafford	NH	03884

The National Flood Hazard Layer (NFHL) dataset is a compilation of effective FIRM Databases and LOMCs. Together they create a GIS data layer for a state or territory. The NFHL is updated as studies become effective and extracts are made available to the public monthly. NFHL data can be viewed or ordered from the website shown in Table 32.

Table 32 contains useful contact information regarding the FIS Report, the FIRM, and other relevant flood hazard and GIS data. In addition, information about the State NFIP Coordinator and GIS Coordinator is shown in this table. At the request of FEMA, each Governor has designated an agency of state or territorial government to coordinate that state's or territory's NFIP activities. These agencies often assist communities in developing and adopting necessary floodplain management measures. State GIS Coordinators are knowledgeable about the availability and location of state and local GIS data in their state.

**Table 32: Additional Information** 

FEMA and the NFIP					
FEMA and FEMA Engineering Library website	www.fema.gov/national-flood-insurance-program-flood-hazard-mapping/engineering-library				
NFIP website	www.fema.gov/national-flood-insurance-program				
NFHL Dataset	msc.fema.gov				
FEMA Region I	FEMA Region I 99 High Street, 6 <sup>th</sup> Floor Boston, MA 02110 (617) 956-7536				
	Other Federal Agencies				
USGS website	www.usgs.gov				
Hydraulic Engineering Center website	www.hec.usace.army.mil				
:	State Agencies and Organizations				
State NFIP Coordinator	Jennifer Gilbert, CFM, ANFI NH Office of Strategic Initiatives 107 Pleasant Street, Johnson Hall, 3 <sup>rd</sup> Floor Concord, New Hampshire 03301 (603) 271-1762 jennifer.gilbert@nh.gov				
State GIS Coordinator	Ken Gallager, GISP NH Office of Strategic Initiatives 107 Pleasant Street, Johnson Hall, 3 <sup>rd</sup> Floor Concord, New Hampshire 03301 Phone: (603) 271-1773 ken.gallager@nh.gov				

#### **SECTION 9.0 – BIBLIOGRAPHY AND REFERENCES**

Table 33 includes sources used in the preparation of and cited in this FIS Report as well as additional studies that have been conducted in the study area.

**Table 33: Bibliography and References** 

Citation in this FIS	Publisher/ Issuer	Publication Title, "Article," Volume, Number, etc.	Author/Editor	Place of Publication	Publication Date/ Date of Issuance	Link
FEMA 2015	Federal Emergency Management Agency	Flood Insurance Study, Strafford County, New Hampshire, All Jurisdictions		Washington, D.C.	September 30, 2015	FEMA Flood Map Service Center msc.fema.gov
FEMA 1982	Federal Emergency Management Agency	Flood Insurance Study, Town of Exeter, Rockingham County, New Hampshire		Washington, D.C.	May 1982	FEMA Flood Map Service Center msc.fema.gov
USACE 1955	U.S. Army Corps of Engineers	Pertinent Data, Local Protection Project, Cocheco River Flood Control, Farmington, New Hampshire			February 1955	
USDA 1983	U.S. Department of Agriculture, Soil Conservation Service	Computer Program, Project Formulation, Hydrology. Technical Release No. 20		Washington, D.C.	May 1983	
USDA 1976	U.S. Department of Agriculture, Soil Conservation Service	WSP-2 Computer Program. Technical Release No. 61		Washington, D.C.	May 1976	
USGS 2011	U.S. Department of Interior, Geological Survey	LiDAR data, based on North American Vertical Datum of 1988, accurate to 2-ft contours		Washington, D.C.	May 2011	lidar.cr.usgs.gov/































































































































