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Federal Emergency Management Agency, Region 1, and the
Maine Floodplain Management Program, State Planning Office

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Open-File Report 2006-1098

U.S. Department of the Interior
U.S. Geological Survey

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Gale A. Norton, Secretary

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CONVERSION FACTORS AND ABBREVIATIONS

Multiply	By	To obtain
Length		
inch (in.)	25.4	millimeter (mm)
foot (ft)	0.3048	meter (m)
mile (mi)	1.609	kilometer (km)
Area		
square foot (ft^2)	0.09290	square meter (m^2)
square mile (mi^2)	2.590	square kilometer (km^2)
Volume		
cubic foot (ft^3)	0.02832	cubic meter (m^3)
Slope		
foot per mile (ft/mi)	0.1894	meter per kilometer (m/km)
Velocity and Flow		
foot per second (ft/s)	0.3048	meter per second (m/s)
cubic foot per second (ft^3/s)	0.02832	cubic meter per second (m^3/s)

OTHER ABBREVIATIONS USED IN REPORT

CAC	Community Assistance Contact
CAV	Community Assistance Visit
DFIRM	Digital Flood Insurance Rate Map
FEMA	Federal Emergency Management Agency
FIS	Flood Insurance Study
MEGIS	Maine Office of Geographic Information Systems
NFIP	National Flood Insurance Program
USGS	United States Geological Survey

Scoping of Flood Hazard Mapping Needs for Cumberland County, Maine

By Robert W. Dudley and Charles W. Schalk

Section 1. Introduction

This report was prepared by the U.S. Geological Survey (USGS) Maine Water Science Center as the deliverable for scoping of flood hazard mapping needs for Cumberland County, Maine, under Federal Emergency Management Agency (FEMA) Inter-Agency Agreement Number HSFE01-05-X-0018. This section of the report explains the objective of the task and the purpose of the report.

Background

The Federal Emergency Management Agency (FEMA) developed a plan in 1997 to modernize the FEMA flood mapping program. FEMA flood maps delineate flood hazard areas in support of the National Flood Insurance Program (NFIP). FEMA's plan outlined the steps necessary to update FEMA's flood maps for the nation to a seamless digital format and streamline FEMA's operations in raising public awareness of the importance of the maps and responding to requests to revise them. The modernization of flood maps involves conversion of existing information to digital format and integration of improved flood hazard data as needed. To determine flood mapping modernization needs, FEMA has established specific scoping activities to be done on a county-by-county basis for identifying and prioritizing requisite flood-mapping activities for map modernization. The U.S. Geological Survey (USGS), in cooperation with FEMA and the Maine State Planning Office Floodplain Management Program, began scoping work in 2005 for Cumberland County. Scoping activities included assembling existing data and map needs information for communities in Cumberland County, documentation of data, contacts, community meetings, and prioritized mapping needs in a final scoping report (this document), and updating the Mapping Needs Update Support System (MNUSS) Database or its successor with information gathered during the scoping process.

The average age of the FEMA floodplain maps in Cumberland County, Maine is 21 years. Most of these studies were in the early to mid 1980s. However, in the ensuing 20-25 years, development has occurred in many of the watersheds, and the characteristics of the watersheds have changed with time. Therefore, many of the older studies may not depict current conditions nor accurately estimate risk in terms of flood heights.

Scope of Work

The following is the scope of work as defined in the FEMA/USGS Statement of Work:

Task 1: Collect data from a variety of sources including community surveys, other Federal and State Agencies, National Flood Insurance Program (NFIP) State Coordinators, Community Assistance Visits (CAVs) and FEMA archives. Lists of mapping needs will be obtained from the MNUSS database, community surveys, and CAVs, if available. FEMA archives will be inventoried for effective FIRM panels, FIS reports, and other flood-hazard data or existing study data. Best available base map information, topographic data, flood-hazard data, and hydrologic and hydraulic data will be identified. Data from the Maine Floodplain Management Program database also will be utilized.

Task 2: Contact communities in Cumberland County to notify them that FEMA and the State have selected them for a map update, and that a project scope will be developed with their input. Topics to be reviewed with the communities include (1) Purpose of the Flood Map Project (for example, the update needs that have prompted the map update); (2) The community's mapping needs; (3) The community's available mapping, hydrologic, hydraulic, and flooding information; (4) target schedule for completing the project; and (5) The community's engineering, planning, and geographic information system (GIS) capabilities.

On the basis of the collected information from Task 1 and community contacts/meetings in Task 2, the USGS will develop a Draft Project Scope for the identified mapping needs of the communities in Cumberland County. The following items will be addressed in the Draft Project Scope: review of available information, determine if and how effective FIS data can be used in new project, and identify other data needed to complete the Project and its source. The Draft Project Scope will establish priority levels for flooding sources to be analyzed and mapped, and estimate schedules and associated costs for completion of the components of flood mapping.

The following subject areas are documented in this report as set forth in the statement of work: available flood-mapping-related data and documented mapping needs, community meetings and contacts, scope and prioritization of mapping needs, and project methods. Scoping-level time and costs for identified mapping needs will be provided as a document separate from this report. The appendix section of this report provides a community by community summary of information obtained and used in the scoping process for all 27 communities in Cumberland County that have Flood Insurance Rate Maps (FIRMs) and (or) Flood Insurance Studies (FISs) (table 1).

Table 1. Organized communities and unorganized territories in Cumberland County, Maine.
[CID, Community identification number; FIRM, Flood Insurance Rate Map; *, Community has a published Flood Insurance Study]

Community	CID	Land area, in square miles	Population (year 2000)	Population density (year 2000), in people per square mile	FIRM date
Baldwin	230200	35.8	1,290	36.0	2-Jul-80*
Bridgton	230041	56.7	4,883	86.1	3-May-82*
Brunswick	230042	47.1	21,172	450	3-Jan-86*
Cape Elizabeth	230043	14.4	9,068	630	15-Jul-92*
Casco	230044	31.3	3,469	111	5-May-81*
Cumberland	230162	26.2	7,159	273	15-Jul-92*
Falmouth	230045	29.4	10,310	351	16-Oct-84*
Freeport	230046	34.7	7,800	225	17-Jan-85*
Frye Island[1]	231036	1.3	--	--	16-Oct-84
Gorham	230047	51.0	14,141	277	15-Oct-81*
Gray	230048	43.3	6,920	160	6-Jan-82*
Harpswell	230169	23.8	5,239	220	20-Jul-98*
Harrison	230049	33.1	2,315	69.9	15-Apr-82*
Long Island[2]	231035	1.5	202	135	8-Dec-98*
Naples	230050	31.9	3,274	103	1-Apr-82*
New Gloucester	230201	47.1	4,803	102	1-Apr-82*
North Yarmouth	230202	21.4	3,210	150	16-Jul-81*
Portland	230051	21.3	64,249	3,020	8-Dec-98*
Pownal	230204	22.8	1,491	65.4	2-Dec-80
Raymond	230205	33.1	4,299	130	5-May-81*
Scarborough	230052	47.4	16,970	358	2-Apr-92*
Sebago	230206	32.8	1,433	43.7	1-Apr-81*
South Portland	230053	12.0	23,324	1,940	17-Apr-85*
Standish	230207	59.3	9,285	157	16-Oct-84*
Westbrook	230054	17.3	16,142	933	2-Jan-81*
Windham	230189	46.8	14,904	319	2-Sep-81*
Yarmouth	230055	13.5	8,360	619	15-Nov-84*
	Total	836.4	265,712	318 (average)	

[1] Frye Island was part of the Town of Standish until 2000. The town shares the Town of Standish flood study published in 1984.
[2] Long Island was part of the City of Portland until 1993. The town shares the City of Portland flood study published in 1998

Description of Cumberland County

Cumberland County in southern Maine (fig. 1) encompasses an area of 877 square miles (mi^2) and comprises 27 municipalities (towns and (or) cities) (table 1, fig. 1). The total population in Cumberland County reported by the 2000 census was approximately 265,700 people. The population for the 2000 census represents a 9-percent increase over the population reported in the 1990 census (243,300 people) and a 23-percent increase over the population reported in the 1980 census (215,800 people) (University of Maine, 2004; U.S. Census Bureau, 2002).

Cumberland County contains or borders 170 mapped ponds and lakes (median pond size is 10.7 acres) ranging in surface area from 0.15 acres (Haskell Pond, in Gorham) to 29,180 acres (45.6 mi^2) (Sebago Lake, in the communities of Naples, Casco, Raymond, Windham, Standish, Sebago) for a total surface area of 60,500 acres (94 mi^2) (Maine Office of Geographic Information Systems, written commun., November 2005). The community of Frye Island is in Sebago Lake. Sebago Lake is the second-largest lake in the state of Maine (Moosehead Lake is the largest) and serves as the principal water supply for about 170,000 people in southern Maine (Dudley and others, 2001). Cumberland County includes approximately 1,270 mi of rivers and streams and about 440 miles of coastline, including islands in the Atlantic Ocean (fig. 2). The Presumpscot River is the largest river in Cumberland County. Draining Sebago Lake, the Presumpscot River runs through or composes the boundaries of Portland, Falmouth, Westbrook, Gorham, Windham, and Standish. The Presumpscot River drains an area of about 647 mi^2 where it empties into Casco Bay (Atlantic Ocean) (Cowing and McNelly, 1978).

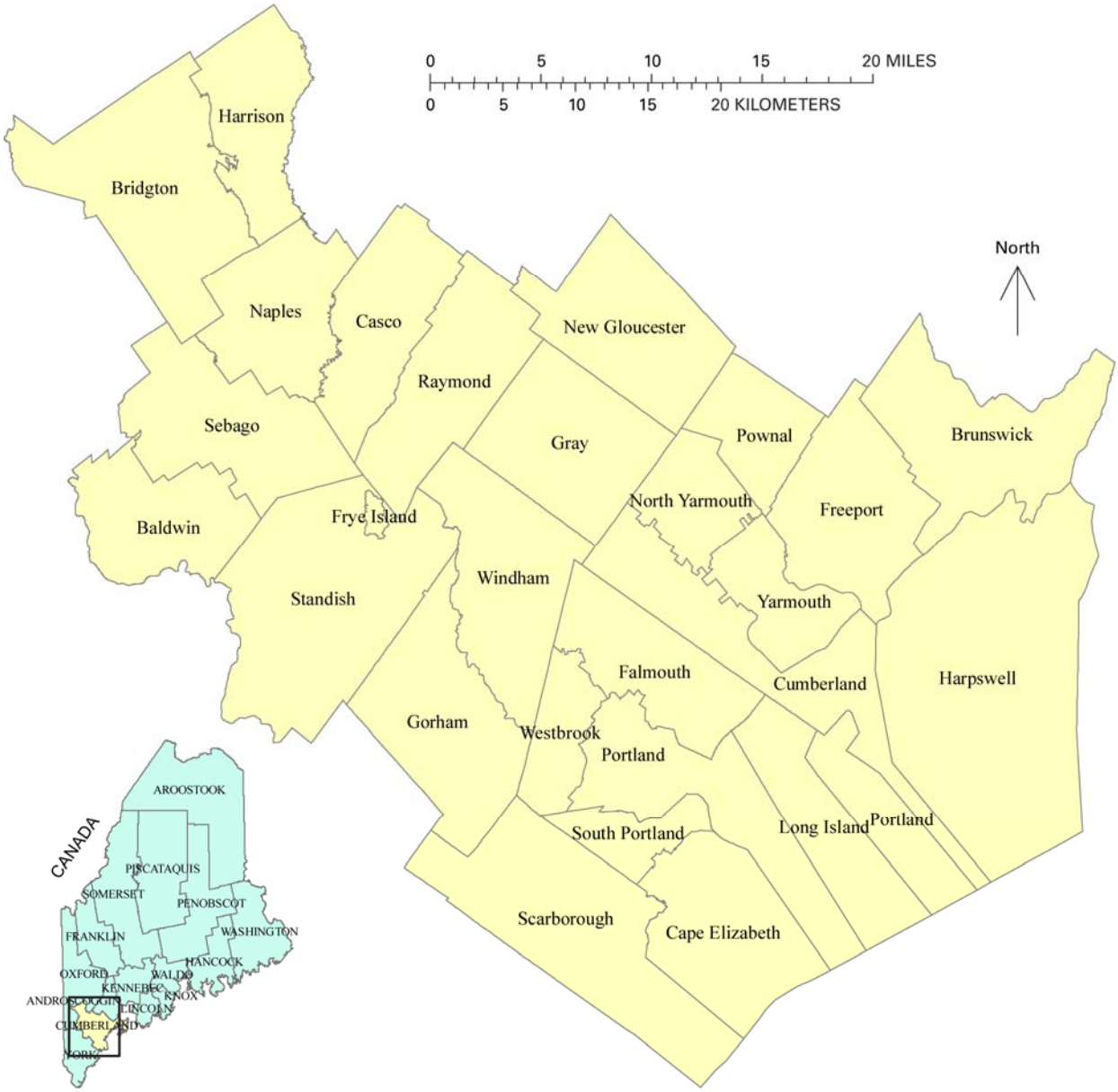

Figure 1. Communities in Cumberland County, Maine.

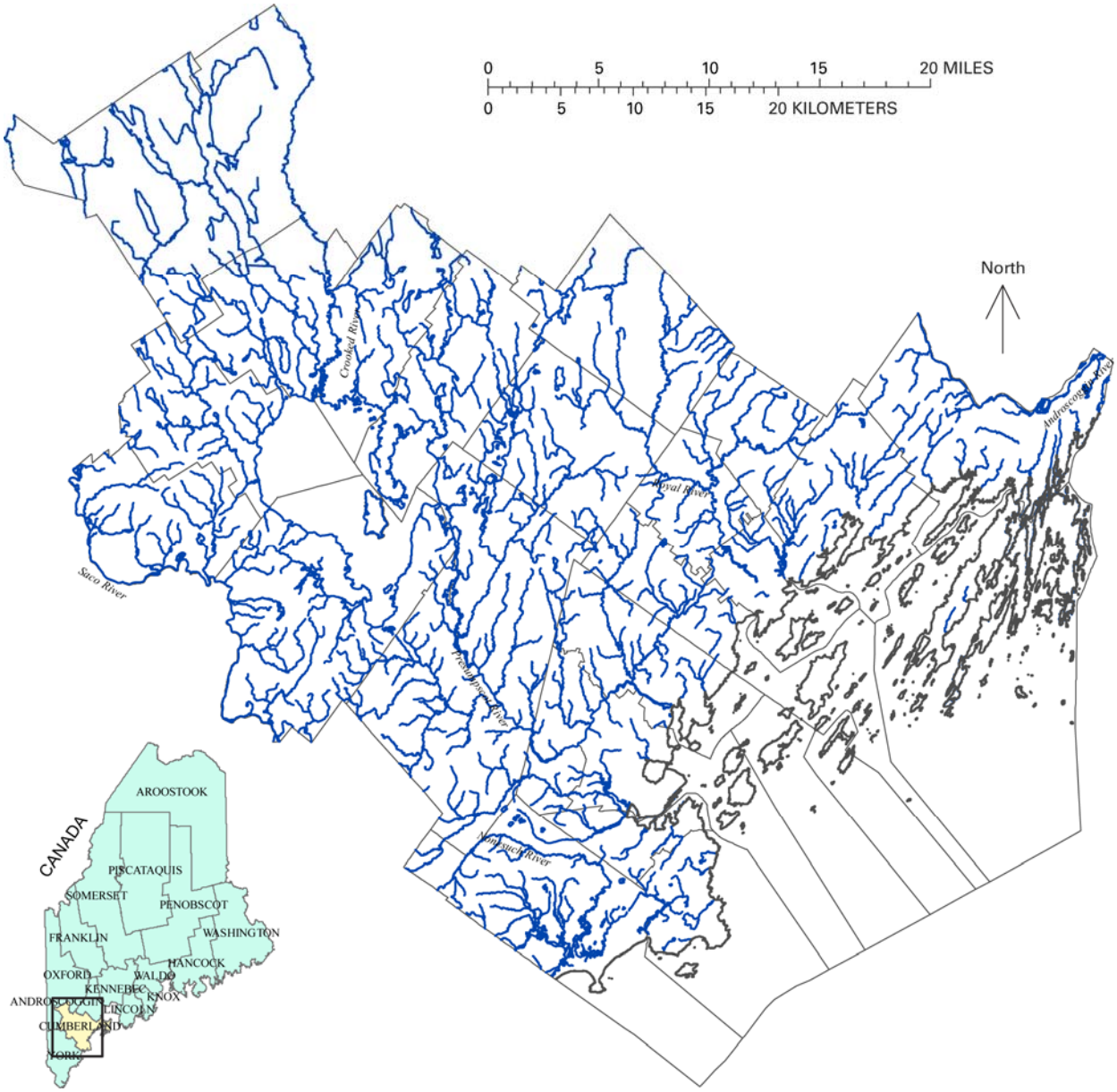

Figure 2. Hydrology of Cumberland County, Maine.

Section 2. Available Flood-Mapping Data and Mapping Needs

Flood-mapping data and mapping needs were compiled as part of this effort by means of state and community contacts, community scoping meetings, and manual and on-line data searches. This report is a comprehensive compilation of data acquired for scoping tasks relating to Cumberland County.

Community FISs and FIRMs

Cumberland County includes 26 communities that have FIRMs with active FIS reports and 1 community (Pownal) that has FIRMs with only unnumbered A-zones. The Frye Island study was conducted when it was part of Standish.

The effective map dates range from July 2, 1980, in the town of Baldwin to December 8, 1998, in the City of Portland. Seventy-eight percent of the FIRMs in Cumberland County are 20 years old or older; 89 percent are 10 years or older. The oldest FIRM is 26 years old, the most recent is 7 years old, and the average age is approximately 21 years. It is important to note that the effective map date is the date the map was last revised. Some revisions were minor adjustments and did not affect entire map panels. As a result, much of the information depicted on the county's floodplain maps is likely to be older than 21 years.

State of Maine Best Available Data (BAD) for Unnumbered A-Zones

The Maine Floodplain Management Program has developed, over several years, a data set that tabulates information about the best available data (base flood elevations) for water bodies designated as unnumbered "A" zones on flood maps for communities throughout the State. The base flood elevations tabulated in this data set are derived from hydrologic and (or) hydraulic studies of water bodies that may be published in FISs for adjacent communities or published as part of flood studies not directly related to FEMA FISs (e.g. Army Corps of Engineer projects, Natural Resources Conservation Service projects, and Letter of Map Changes). These data are used in this report as part of the prioritization of mapping needs for a community (see section: Scope and Prioritization of Mapping Needs in Cumberland County). These data are documented in the appendix of this report on a community-by-community basis. Information about these data is available from the Maine Floodplain Management Program web site at: *http://www.state.me.us/spo/flood/bad/*

Letters of Map Change (LOMCs)

A Letter of Map Change (LOMC) is a letter issued by FEMA in response to a request to revise or amend an effective National Flood Insurance Program (NFIP) map to remove a property or reflect changed flooding conditions on the effective map. LOMCs may include Letters of Amendments (LOMAs), Letters of Map Revisions (LOMRs), and Letter of Map Revision based on Fill (LOMR-F) as defined below:

- LOMAs: A LOMA is an official amendment, by letter, to an effective NFIP map. A LOMA establishes the property location in relation to the Special Flood Hazard Area (SFHA). There is no appeal period for LOMAs, and the letter becomes effective the date that it is sent.

- LOMRs: A LOMR is an official revision, by letter, to an effective NFIP map. A LOMR may change flood-insurance risk zones, floodplain and (or) floodway boundary delineations, planimetric features, and (or) Base Flood Elevations (BFEs). The effective date of a LOMR depends on the type of change requested. For example, some LOMR's are effective on the date that the letter is issued and others become effective following an appeal period (typically 30 to 90 days or 6 months).

- LOMR-F: A Letter of Map Revision based on Fill (LOMR-F) may be filed as a special case of the LOMR. A LOMR-F provides FEMA's determination concerning whether a structure or parcel has been elevated on fill above the BFE and excluded from the SFHA. A LOMR-F is an official revision, by letter, to an effective NFIP map. The letter becomes effective on the date that it is sent.

In addition to the categories above, *conditional* LOMAs, LOMRs, and LOMR-Fs may be issued by FEMA to comment on a proposed project. The letter does not revise an effective NFIP map, but indicates whether the project, if built as proposed, would be recognized by FEMA.

LOMCs in Cumberland County

The presence and number of LOMCs in a community can be an indication of increasing development in a community and (or) problematic flood hazard boundaries. LOMCs are used in this report as part of the prioritization of mapping needs for a community (see section: Scope and Prioritization of Mapping Needs in Cumberland County). LOMC data for Cumberland County are summarized in table 2. A Geographic Information System (GIS) digital data set representing georeferenced locations of LOMCs in Cumberland County was created as part of the scoping effort and uploaded to the watershed information system (WISE) database.

Table 2. Summary of letters of map change (LOMCs) in Cumberland County, Maine.
[CID, Community Identification number]

Community Name	CID	Current Map Date	Map Age	Number of LOMCs
Baldwin	230200	7/2/1980	24	0
Bridgton	230041	5/3/1982	22	9
Brunswick	230042	1/3/1986	18	3
Cape Elizabeth	230043	7/15/1992	12	2
Casco	230044	5/5/1981	23	8
Cumberland	230162	7/15/1992	12	1
Falmouth	230045	10/16/1984	20	0
Freeport	230046	1/17/1985	19	4
Frye Island	231036	10/16/1984	20	0
Gorham	230047	10/15/1981	23	3
Gray	230048	1/6/1982	22	27
Harpswell	230169	7/20/1998	6	55
Harrison	230049	4/15/1982	22	3
Long Island	231035	12/8/1998	6	0
Naples	230050	4/1/1982	22	11
New Gloucester	230201	4/1/1982	22	2
North Yarmouth	230202	7/16/1981	23	3
Portland	230051	12/8/1998	6	42
Pownal	230204	12/2/1980	24	0
Raymond	230205	5/5/1981	23	10
Scarborough	230052	4/2/1992	12	22
Sebago	230206	4/1/1981	23	8
South Portland	230053	4/17/1985	19	6
Standish	230207	10/16/1984	20	21
Westbrook	230054	1/2/1981	23	2
Windham	230189	9/2/1981	23	48
Yarmouth	230055	11/15/1984	20	6

Community Flood Ordinances

The Maine Floodplain Management Program provides all participating communities (92 percent of the State's communities) with model floodplain management ordinances, guidance and review, and maintains all community flood ordinances on file. The contact for community flood ordinances is the Maine Floodplain Management Program:

Brigitte Ndikum-Nyada
Planning and Research Associate
Maine Floodplain Management Program
State Planning Office
184 State Street, 38 SHS
Augusta, ME 04333
Tel: 207-287-8932
Fax: 207-287-6489

Mapping Needs Update Support System (MNUSS)

In accordance with section 575 of the National Flood Insurance Reform Act of 1994, FEMA assesses "…the need to revise and update all floodplain areas and flood risk zones identified, delineated, or established based on an analysis of all natural hazards affecting flood risks." FEMA initiated the Mapping Needs Assessment (MNA) process, which identifies and prioritizes flood hazard mapping needs for communities nationwide. As part of this effort, FEMA developed the Mapping Needs Update Support System (MNUSS), which is an interactive, web-based software application that maintains an inventory of needs for future map updates. In particular, MNUSS stores information on the following two types of update needs:

- Map Maintenance Needs: Includes changes to base map information, such as the addition of new roads, changes to corporate limits, and incorporation of LOMCs.

- Flood Data Update Needs: Includes changes to flood hazard areas as a result of changes in hydrologic and hydraulic conditions, changes to Base Flood Elevations (BFEs), and (or) changes in the floodplain delineation.

Mapping needs may be viewed and entered into MNUSS by a variety of parties, including FEMA Headquarters and Regional offices, state NFIP coordinators, study contractors, Cooperating Technical Partners (CTPs), and other Federal agencies, such as the U.S. Army Corps of Engineers (USACE) and the USGS. All new or edit needs are reviewed and approved by the FEMA MNUSS controller prior to entry into the system.

MNUSS entries for Cumberland County are summarized in table 3. No MNUSS records exist for the towns of Baldwin, Frye Island, Gorham, Harrison, Long Island, New Gloucester, and Pownal. Of the 349 MNUSS entries on record, about 31 percent will be addressed by the DFIRM process (mislabeled roads and so forth), 13 percent need additional resolution, 21 percent are being addressed by studies in progress, 8 percent can be addressed by best available data compiled for a different town, and 27 percent are valid entries that should be addressed in the future. Of the 192 MNUSS entries that could affect base flood elevations (BFEs), 17 percent are expected to decrease the BFE by 1 to 5 ft, 2 percent are expected to decrease the BFE by less than 1 ft, 14 percent are expected to increase the BFE by less than 1 ft, and 68 percent are expected to increase the BFE by 1 to 5 ft.

For the scoping process, existing entries in MNUSS were retrieved by USGS and reviewed with the State Planning Office Floodplain Management Program and community representatives. The review process resulted in the identification of duplicate, outdated, missing, and (or) erroneous entries. These findings will provide the basis for updates to MNUSS or its successor upon completion of the scoping report. Existing MNUSS entries are compiled in appendix C.

Table 3. Summary of entries in the Mapping Needs Update Support System (MNUSS) for Cumberland County, Maine.

[CID, Community Identification number; SPO, Maine State Planning Office; BFE, base flood elevation; DFIRM, Digital Flood Insurance Rate Map; BAD, best available data; NRCS, Natural Resources Conservation Service; --, not applicable]

Community Name	CID	Number	SPO Comment	Anticipated BFE Change
Baldwin	230200	0	--	--
Bridgton	230041	1	Restudy in progress	Increased by between 1 and 5 feet
Bridgton	230041	2	Restudy in progress	Increased by greater than 5 feet
Brunswick	230042	6	DFIRM process will address	--
Cape Elizabeth	230043	1	DFIRM process will address	--
Cape Elizabeth	230043	17	Valid	Increased by greater than 5 feet
Casco	230044	7	DFIRM process will address	--
Casco	230044	8	Valid	Increased by greater than 5 feet
Cumberland	230162	10	DFIRM process will address	--
Cumberland	230162	6	Needs resolution	Increased by greater than 5 feet
Cumberland	230162	1	See SPO BAD	Increased by greater than 5 feet
Falmouth	230045	12	DFIRM process will address	--
Falmouth	230045	2	Valid	Decreased by between 1 and 5 feet
Freeport	230046	8	DFIRM process will address	--
Freeport	230046	6	Needs resolution	Increased by greater than 5 feet
Frye Island	231036	0	--	
Gorham	230047	0	--	--
Gray	230048	8	DFIRM process will address	--
Gray	230048	1	Needs resolution	Decreased by between 1 and 5 feet
Gray	230048	6	See SPO BAD	Increased by greater than 5 feet
Harpswell	230169	2	DFIRM process will address	--
Harpswell	230169	12	Valid	Increased by greater than 5 feet
Harpswell	230169	8	Valid	Decreased by between 1 and 5 feet
Harrison	230049	0	--	--
Long Island	231035	0	--	--
Naples	230050	7	DFIRM process will address	--
Naples	230050	21	See SPO BAD	Increased by between 1 and 5 feet
New Gloucester	230201	0	--	--
North Yarmouth	230202	6	DFIRM process will address	--

Portland	230051	30	Needs resolution	Increased by greater than 5 feet
Pownal	230204	0	--	--
Raymond	230205	3	DFIRM process will address	--
Raymond	230205	1	Restudy in progress	Increased by greater than 5 feet
Scarborough	230052	12	DFIRM process will address	--
Scarborough	230052	16	Valid	Decreased by between 1 and 5 feet
Sebago	230206	9	NRCS study	Increased by greater than 5 feet
South Portland	230053	6	DFIRM process will address	--
South Portland	230053	12	Valid	--
South Portland	230053	4	Valid	Decreased by between 1 and 5 feet
Standish	230207	10	DFIRM process will address	--
Standish	230207	1	Needs resolution	Decreased by between 1 and 5 feet
Standish	230207	8	Valid	Increased by greater than 5 feet
Standish	230207	2	Valid	Increased by between 1 and 5 feet
Standish	230207	2	Valid - should be Saco River	Increased by between 1 and 5 feet
Westbrook	230054	32	Restudy in progress	--
Westbrook	230054	12	Restudy in progress	Increased by greater than 5 feet
Windham	230189	12	Restudy in progress	Increased by greater than 5 feet
Windham	230189	5	Restudy in progress	--
Yarmouth	230055	10	DFIRM process will address	--
Yarmouth	230055	4	Valid	Decreased by less than 1 foot
	Total	349		

Community Assistance Visits (CAVs) and Community Assessment Contacts (CACs)

CAVs and CACs provide assistance to communities regarding the administration and enforcement of their floodplain management ordinances. CAV and CAC data for the county are presented in table 4.

Table 4. Summary of Community Assessment Visits (CAVs) and Community Assessment Contacts (CACs) in Cumberland County, Maine.

[CID, Community Identification number; FEMA, Federal Emergency Management Agency; --, no close date]

CID	Community Name	Date Opened	Agency	Type	Date Closed
230200	Baldwin	1/26/1993	STATE	CAC	2/3/1993
230041	Bridgton	9/18/1991	STATE	CAC	9/30/1991
230041	Bridgton	9/14/1993	STATE	CAV	11/29/1993
230043	Cape Elizabeth	11/16/1993	STATE	CAC	11/23/1993
230043	Cape Elizabeth	7/18/2002	FEMA	CAV	9/26/2002
230044	Casco	9/10/1991	STATE	CAC	9/16/1991
230044	Casco	8/16/2001	STATE	CAC	--
230044	Casco	9/27/1999	FEMA	CAV	1/7/2000
230162	Cumberland	6/12/1991	STATE	CAV	7/11/1991
230045	Falmouth	9/12/1991	STATE	CAC	9/30/1991
230045	Falmouth	9/7/2000	STATE	CAC	12/5/2000
230047	Gorham	8/16/1999	STATE	CAC	5/10/2000
230047	Gorham	9/13/1994	STATE	CAV	10/7/1994
230047	Gorham	8/28/2002	FEMA	CAV	--
230048	Gray	9/19/1998	STATE	CAC	5/10/2000
230048	Gray	8/7/2003	STATE	CAC	--
230169	Harpswell	9/14/1995	STATE	CAC	11/24/1995
230169	Harpswell	9/4/2002	STATE	CAC	5/12/2003
230169	Harpswell	8/24/1992	STATE	CAV	--
230049	Harrison	3/17/1992	STATE	CAC	9/8/1992
230049	Harrison	9/22/1999	STATE	CAC	11/29/1999
230050	Naples	8/22/1991	STATE	CAC	9/10/1991
230050	Naples	7/23/2003	STATE	CAV	--
230201	New Gloucester	9/28/1993	STATE	CAC	10/26/1993
230202	North Yarmouth	8/4/1992	STATE	CAC	9/8/1992
230051	Portland	9/12/2002	STATE	CAC	--
230051	Portland	12/8/1992	STATE	CAV	--
230204	Pownal	9/8/1994	STATE	CAC	10/3/1994
230205	Raymond	4/25/1991	STATE	CAC	5/6/1991
230052	Scarborough	8/8/1994	STATE	CAC	9/2/1994

230206	Sebago	8/4/1994	STATE	CAC	10/7/1994
230053	South Portland	8/31/1993	STATE	CAC	--
230207	Standish	7/30/1991	STATE	CAV	9/4/1991
230207	Standish	9/25/1995	STATE	CAV	4/30/1996
230054	Westbrook	9/28/1992	STATE	CAC	10/5/1992
230054	Westbrook	9/19/2002	STATE	CAC	--
230055	Yarmouth	5/29/1991	STATE	CAC	6/11/1991
230055	Yarmouth	9/8/1999	STATE	CAC	11/26/1999
230055	Yarmouth	7/31/1992	FEMA	CAV	8/3/1992

GIS Data

Most GIS data in Maine reside with the Maine Office of GIS (MEGIS) as the agency acts as a central repository for these data. Although not every community shares their GIS data with MEGIS, many data sets are shared and served over the Internet. Data can be accessed on the MEGIS web site at: http://apollo.ogis.state.me.us/. Community-specific data that is not shared with MEGIS are documented as part of the community scoping-meeting process (see interview data in Appendix). All data served by MEGIS are referenced to North American Datum 1983 (NAD83), Universal Transverse Mercator (UTM) Zone 19, in meters, and are available to FEMA.

Bradstreet Consultants, Inc., a local photogrammetry company (962 Western Avenue, Manchester, ME, 04351; 207-621-8500), has acquired aerial photographs and derived topographic data for many towns in Cumberland County during the past 5 years (table 5). Some of the data are owned by the towns and may be available at no charge to FEMA through town contacts (see Community Meetings and Contacts section); others would have to be purchased from Bradstreet. All data from Bradstreet are compiled at 5-ft intervals or less. The associated costs of these data are on the basis of the level of effort needed to prepare and deliver the data. Most of the data are in AutoCAD DWG (version 14) format; some are in ArcINFO geodatabases. Conversion from existing format to ArcINFO shapefiles would cost $265 extra per product.

In 2006, Bradstreet plans to acquire aerial photography for additional municipalities in Cumberland County. The locations, timing, and types of data that will be derived from the aerial photography are confidential at the time of publication of this report. Further information can be obtained from Mark R. Bradstreet (*markb@bradstreet.com*; 207-621-8500).

Table 5. Summary of GIS data for Cumberland County, Maine, through Bradstreet Consultants, Inc.
[ft, feet]

City or Town	Date of Photos	Purpose	Scale	Products	Costs to obtain
Brunswick	April 2001	Town wide hydrography	1:10,800	100 feet/in orthophotographs, roads	$500
Cumberland	April 2001	Planning/watershed	1:10,800	5-foot contours, orthophotographs	$500
Falmouth	April 2001	Geo-Systems	1:10,800	5-foot contours	$500
Freeport	April 2001	Orthophotographs, 5-foot contours	1:10,800	100 feet/in, 5-foot contours	$500
Portland (islands)	Spring 2001	City of Portland mapping	1:3,600	100 feet/in, 2-foot contours	$500
Portland	1999 to 2004	City of Portland mapping	1:7,200	100 feet/in, 2-foot contours	$500
Scarborough	April 2001	Multipurpose	1:10,800	GIS 5-foot contours	$500
South Portland	April 2001	Pollution abatement	1:10,800	GIS 5-foot contours	$500
Westbrook	April 2001	GIS mapping	1:10,800	100 feet/in, 2-foot contours	$500

Base Map Data

Base map layers maintained by MEGIS include features such as roads, streams, and political boundaries. Base map data layers have been acquired from a variety of sources including the USGS data and represent many of the feature types found on USGS topographic maps. More recently developed data were derived from various sources providing improved base map accuracy. Existing coverages maintained by MEGIS can be linked to or viewed at the following URL: http://apollo.ogis.state.me.us/

Nearly all of Cumberland County has detailed digital orthophotography available at 0.5-foot resolution; the 0.5-foot (each image pixel representing a planimetric square 0.5 feet on a side) imagery data set is a true-color mosaic of high-resolution digital orthophotographs produced from aerial photos collected over areas of southwest Maine in April 2001 (fig. 3). The remainder of the county is covered by 1-foot and 2-foot resolution digital orthophotographs produced from aerial photos collected over southwest Maine in spring 2003 (fig. 3). Community-specific aerial photographs are documented as part of the community scoping-meeting process (see Appendix). Additional aerial photographs are available from Bradstreet Consultants, Inc. (table 5).

The following towns indicated during the interview process that they have base-map data available in some form:

Brunswick – aerial photography; date, scale, and specific product unknown; available through their GIS contact or the assessor's office.

Falmouth – color aerial photography, April 2001; scale unknown.

Harpswell – aerial photography; date, scale, and specific product unknown.

Naples – aerial photography, 2002; scale and specific product unknown.

Pownal – aerial photography; may be that already available from MEGIS.

Raymond – aerial photography; date, scale, and specific product unknown.

Scarborough – aerial photography, 2001, available through MEGIS.

South Portland – aerial photography, April 2005.

Westbrook – color aerial photography, April 2001.

Yarmouth – color aerial photography, 2001.

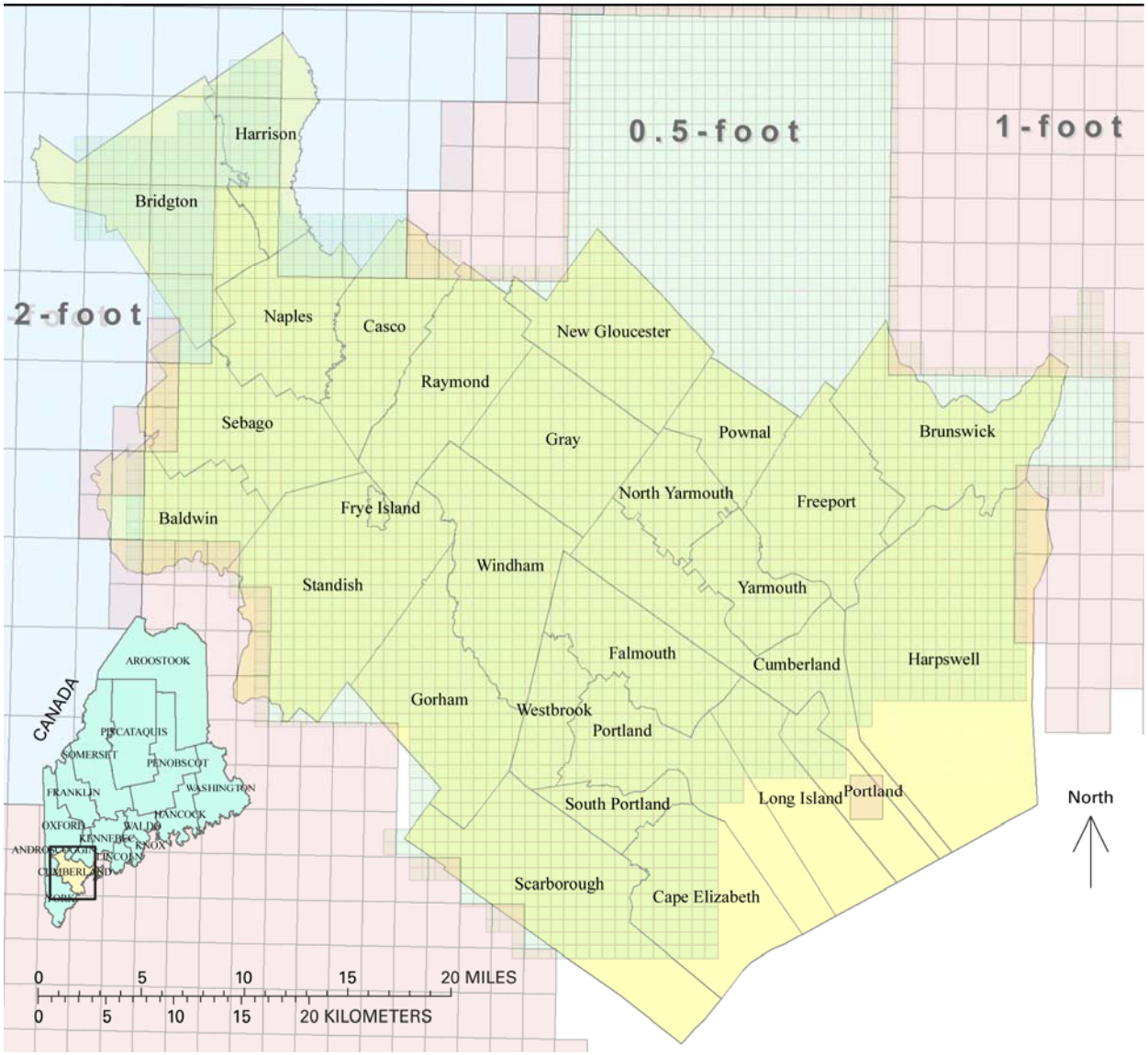

Figure 3. Orthophotography indices for Cumberland County, Maine. Indices indicate coverage of 0.5-foot (each image pixel representing a planimetric square 0.5 foot on a side), 1-foot, and 2-foot orthophotography archived and served through the internet by the Maine Office of Geographic Information Systems (MEGIS).

Topographic Data

Digitally scanned USGS 7.5-minute quadrangles provide topographic data for the entire state of Maine with 10- and 20-ft contour intervals, variable by location. Digital Elevation Models (DEM) also are available through the USGS National Elevation Dataset (NED). The NED has been developed by merging the highest-resolution, best quality elevation data available across the United States into a seamless raster format. NED horizontal datum for Maine is NAD83 and vertical datum is North American Vertical Datum 1988 (NAVD88). The NED is continually updated as best available DEM data become available. DEM data with 30 meter (m) resolution (each raster pixel represents a planimetric square 30 meters on a side) are available for the entire state of Maine. DEM data with 10-m resolution (1/3 arc second) are available for the entire state of Maine except for extreme northern Somerset and Oxford Counties. DEM data can be downloaded through the USGS Seamless Data Distribution Web site at *http://seamless.usgs.gov/web site/seamless/viewer.ph.*

The U.S. Army Corps of Engineers (USACE) planned to obtain topographic data in 2005 from Portland south as part of their CHARTS shoreline mapping process. Because of budget constraints resulting from the hurricane season in the south, USACE was unsure how many of the planned flights would be completed. Contact John Winkelman (U.S. Army Corps of Engineers, New England District, 696 Virginia Road, Concord , MA 01742-2751, phone: 978-318-8615) for an update.

As part of the map modernization process, the State Planning Office and the Maine Geological Survey completed an assessment of topographic changes in coastal areas by coastal erosion (Dickson, 2003). This report is available online at *http://www.state.me.us/doc/nrimc/mgs/explore/marine/firms/contents.htm.*

The Maine Department of Transportation (MDOT) routinely collects detailed topographic data for highway projects. The data are typically limited to an area within 300 ft of the centerline of the highway. The scope, scale, and accuracy of the data are project specific and depend on the flight level of the survey. MDOT does not maintain any kind of searchable database cataloging these data. The MDOT Survey and Photogrammetric Group is willing to search their files for available data if they are provided a GIS shapefile of an area of interest. The primary contact for topographic data from the MDOT Survey and Photogrammetric Group is Tim Liseige, Photogrammetric and Control Engineer, (207) 624-3493, *tim.liseige@maine.gov*.

Sixteen MDOT projects, dated 1960-89, intersect streams that have been identified as needing updated flood-insurance studies for Cumberland County. The intersection includes approximately 31 miles of streams. Six MDOT projects, dated 1958-79, intersect coastal zones in Cumberland County that have been identified as needing updated flood-insurance studies. The intersection includes approximately 69 miles of coastline in South Portland, Portland, Harpswell, and Brunswick.

Community-specific topographic data are documented as part of the community scoping-meeting process (see Appendix). The following municipalities indicated during the interview process or to the State Planning Office that they have topographic data in some form:

Brunswick – 5-ft contours; date unknown; contact *phoward@brunswickme.com*.

Cumberland – 5-ft contours, date and contact unknown.

Falmouth – April 2001; 5-ft contours, contact their town representative or Bradstreet Consultants, Inc.

Freeport – 5-ft contours, date unknown; contact their town representative or Bradstreet Consultants, Inc.

Gorham – 5-ft contours, date unknown; contact *dfossum@gorham.me.us.*

North Yarmouth – relating to land use, June 2005; scale and specific product unknown.

Portland – 1-ft and 2-ft contours, dates and contact unknown.

Raymond – date, scale, and specific product unknown.

Scarborough – 5-ft contours, date unknown, available through town web site *http://www.scarborough.me.us/.*

South Portland – 2-ft contours, probably April 2005, available through their Water Resource Protection Division or Bradstreet Consultants, Inc.

Westbrook – 2-ft and 5-ft contours, date unknown; contact *agismapl@maine.rr.com.*

Windham – 5-ft contours, date unknown; contact *dfortier@town.windham.me.us.*

Yarmouth – 5-ft contours of an unknown watershed, date unknown; and 2-ft contours of Cousins Island, date unknown.

Hydrography Data

MEGIS, in cooperation with the USGS, is currently enhancing Maine's 1:24,000 digital hydrography data to create National Hydrography Dataset (NHD) high-resolution data (spatial data describing hydrologic features). The NHD data are partitioned into the following layers: streams, ponds, rivers, coast, and National Wetlands Inventory (NWI) data. Progress in this effort is ongoing—the current status of these data can be determined by contacting MEGIS at (207) 624-8800 or by visiting their web site *http://apollo.ogis.state.me.us/.* NHD data are available for download from the NHD geodatabase at *http://nhdgeo.usgs.gov/viewer.htm.*

Community-specific hydrography data are documented as part of the community scoping-meeting process (see Appendix). The following towns indicated during the interview process that they have hydrography data available in some form:

Falmouth – derived from April 2001 aerial photography; scale and specific product unknown.

Pownal – small areas, including a proposed campground and area near Chandler Stream on map panel 5B, produced by R. Sweet Associates, date and specific product unknown.

South Portland – Pang Creek watershed study with Maine Department of Environmental Protection, map panel 4, date unknown.

Windham – BFEs acquired by surveyors, date, and water body unknown.

Portland — hydrology studies related to Capisic Brook for culvert construction.

Community GIS Contact Information

GIS contact information obtained through community scoping meetings is provided in the Appendix on a community by community basis as part of the interview data. Additional resources were identified through the Greater Portland Council of Governments (*http://gpcog.org/index.php*), which serves partly as a data center for all towns and cities in Cumberland County except Baldwin, Brunswick, and South Portland.

Community Meetings and Contacts

One community scoping meeting was held for Cumberland County at the Portland Water District headquarters on Thursday, November 15, 2005, from 9:30 a.m. to 12:00 p.m. An invitation letter (with agenda) specifying the time and place and purpose of the meeting was mailed to at least

two community officials in every municipality. The letters were addressed to the community code enforcement officer and to the community manager or first select person. Planners and surveyors were invited if they were known to the Maine Floodplain Management Program to be involved in floodplain management for their community. Letters were mailed to regional planning commissions and the county emergency management agency (EMA) director. Example copies of the letter and meeting agenda are attached to this report. All communities participated either by meeting, mail, or phone except: Baldwin, Cape Elizabeth, Casco, Cumberland, Freeport, Gorham, Harrison, New Gloucester, Sebago, and Standish.

The goals of these meetings were to

- Inform the communities of the nature and the intent of the flood map update process, and
- Solicit community input and discuss the flood-prone areas that communities would like to include as a part of the flood map update.

Robert Dudley, USGS Maine Water Science Center, Bonnie Cowle, Maine Floodplain Management Program, and Jeffrey Burm, Watershed Concepts representing FEMA, conducted the meeting. Community representatives were provided an overview of the Map Modernization program and the map production schedule and technical process.

The latter part of the meeting involved breaking out into small groups with group leaders from USGS, Maine Floodplain Management Program, and Watershed Concepts. The group leaders administered and assisted with the completion of map needs interview forms (example attached, Appendix D). Community representatives were provided copies of their community's flood maps and were encouraged to mark them up as necessary. These marked-up flood maps reside with the Maine Floodplain Management Program. Community representatives were asked to explain and prioritize their needs if possible.

MNUSS entries were reviewed with community representatives for verification. The following two common issues were identified: (1) most MNUSS entries address needs which would be fulfilled with improved base maps such as street locations, street names, and overall difficulty using the map due to lack of distinguishing ground features; and (2) the field indicating "anticipated BFE change" was commonly confused with how much the community thought the BFE was in error — for example, the field may indicate "Increased By 1 to 5 feet" but the need notes may indicate a hydraulic structure change that would result in a lower BFE, so in this case the "anticipated BFE change" field is populated with a value of how much the community thinks the BFE is in error rather than how much the BFE is expected to change should the reach be restudied.

During the scoping meetings, the Maine Floodplain Management Program's Best Available Data (BAD) were reviewed with each community representative if BAD data existed for that community. The review was done to make the community aware of the information if they were not already aware of it, and to solicit input on BAD data if any additional information was available to the community that was not listed in the State Planning Office's (SPO) BAD database.

The following three subject areas encompass the data gathered from the scoping meeting process and completion of interview forms: (1) community contact information, (2) areas of the existing flood maps where there are significant problems (poor mapping or development pressures) or changes to hydrologic/hydraulic conditions, and (3) community mapping resources. Communities that did not attend the meetings were sent interview forms, MNUSS entries, and BAD data and asked to review, complete, and return them. The data from the scoping meetings were entered into the watershed information system (WISE) scoping application and are reported for each community in the Appendix as part of the interview data (Appendix A, B, and C).

Scope and Prioritization of Mapping Needs in Cumberland County

USGS staff (Robert Dudley, Charles Schalk) met with Maine Floodplain Management Program staff (Lou Sidell, Bonnie Cowle) in September 2005 as an initial kick-off meeting for the scoping process. An action item resulting from that meeting involved Maine Floodplain Management Program staff arriving at a list of factors that should be considered for prioritizing potential mapping needs in the county. Table 6 lists the factors and their qualitative weight, as determined by Maine Floodplain Management Program staff, to be considered for prioritization of flood mapping needs in the county.

Table 6. Maine Floodplain Management Program factors and qualitative weight for prioritization of community-based flood mapping needs in Cumberland County.
[Prioritization factors are listed approximately in order from highest to lowest importance; LOMCs, Letters of map change; MNUSS, Mapping needs update support system]

Community Prioritization Factors	Weight
Map age	Very High
Map type	Very High
Population	High
Population growth	High
Number of LOMCs	High
Number of insurance policies	High
Ratio of insurance policies to claims	Medium
Presence of best available data	Medium
Number of shoreland zoning permits in the vicinity of the water body	Medium
Community-specified map needs that coincide with map needs documented in the Maine Floodplain Management Database and MNUSS	Medium to Low
Repetitive loss	Medium

Mapping needs were grouped into one of four different types of studies required to create or update flood hazard zones.

- Baseline–DFIRM only: The most economical method of creating a countywide DFIRM is through digitizing flood-hazard information from the effective FIRMs and FISs onto new mapping. This baseline option is currently being undertaken by MEGIS and other FEMA contractors.

- Redelineation: Existing hydrologic and hydraulic studies of the water body are adequate and the water body requires only the redelineation of the base flood elevations using updated topographic data.

- Limited Detailed Study: Automated tools are used to produce digital information or floodmapping for the water body in question has already been studied in detail and requires limited technical reworking of the hydrologic and (or) hydraulic analysis or the water body in question has not been studied in detail but it is expected that approximate methods would suffice to adequately map the flood hazard.

- Detailed Study: Can be performed to develop the digital information, including field surveyed cross-sections and structures. Because this is the most expensive type of study that FEMA can perform, the scope of the detailed study may be limited.

Note that Detail and Limited Detail studies are also assumed to need redelineation using updated topographic data, incorporating results from the new hydrologic and (or) hydraulic analyses.

USGS staff (Robert Dudley, Charles Schalk) met with Maine Floodplain Management Program staff (Bonnie Cowle) on December 14, 21, and 22, 2005 to review interview data and marked-up maps and to arrive at an initial list of mapping needs for the county. The map needs derived through these meetings were entered into the WISE scoping application. During this meeting, Maine Floodplain Management Program staff provided first-cut prioritization on a scale from 1 to 3 (1=highest) on the basis of community need and historical community involvement in floodplain management.

Other first-cut prioritization factors included BAD, connectivity, and historically documented mapping needs. Higher priority was given to A-zone waterbodies with existing BAD where maps could be created or greatly improved by simply collecting improved topographic information and redelineating existing detailed base flood elevations. Higher priority was given to waterbodies with high connectivity, where connectivity is a measure of the number of neighboring communities that are adjacent to or would otherwise benefit from improved mapping of a particular water body. For example, an A-zone river reach that connected to a detail study upstream or spanned multiple communities or a lake that bordered multiple communities would receive higher priority than a pond contained within the corporate limits of a single community. Higher priority was given to waterbodies that had been historically documented as a mapping need in either the Maine Floodplain Management Program's Database or MNUSS or both. Historical documentation of a mapping need is indicative of an ongoing need that has been known to be a need in the past.

Prioritized Mapping Needs and Scopes

Mapping needs for the county compiled in consultation with the Maine Floodplain Management Program were ranked on the basis of prioritization scoring factors (table 7). Summing the scoring factors produced a community-based prioritized list of mapping needs involving redelineation, limited detail study, or detail study (table 8, fig. 4).

A second community-based prioritized list was created for map digitization only (table 9, fig. 4). This second list provides a way to prioritize communities that need modernized maps but do not necessarily have map revision needs (redelineation, limited detail study, or detail study). The scoring formula for this prioritized list used the same factors as those used for table 7 except for presence of BAD, historical mapping needs, water body priority, and water body connectivity.

Table 7. Scoring formula for prioritization of community-based flood mapping needs in Cumberland County.

[Min, minimum data value for the variable of interest; Max, maximum data value for the variable of interest; N/A, not applicable; mi^2, square miles; BAD, best available data; LOMCs, letters of map change; Maine Floodplain Management map type codes: b, unnumbered A-zones only; c, base-flood elevations without floodway; d, base-flood elevations with floodway; e, coastal]

Community population1		Presence of BAD		Historical mapping need coincides with community-specified need	
Range	Score	Range	Score	Range	Score
Min = 202 Max= 64,250	1 point per 500 people; maximum of 50 points	Yes	10 points	Yes	5 points
		No	0	No	0
Population Density (people/mi2)		**Number of insurance policies**		**Number of LOMCs**	
Range	Score	Range	Score	Range	Score
Min= 36 Max= 3,020	1 point per 10 people/mi^2; maximum of 50 points	Min= 0 Max= 209	1 point per policy	Min= 0 Max= 54	1 point per LOMC
Population Growth2 (percent)		**Ratio of claims to policies**		**Number of shoreland zoning permits**	
Range	Score	Range	Score	Range	Score
Min= 0 Max= 91	1 point per 5 percent (can be negative)	Min= 0 Max= 1.1	5 points x the ratio of claims to policies	Min= 0 Max= 308	0.2 point per shoreland zoning permit
Map age (years)		**Number of repetitive loss claims**		**Water body connectivity**	
Range	Score	Range	Score	Range	Score
Min= 7 Max= 25	1 point per year	Min= 0 Max= 6	1 point per repetitive loss claim	Min= 1 Max= 6	1 point per connected community
Map type		**Water body priority**			
Range	Score	Range	Score		
b	20 points	1 (highest)	10 points		
c	10	2	6		
d	5	3 (lowest)	3		
e	5				

[1] On the basis of the 2000 census.

[2] Population growth computed for the period 1980-2000.

Table 8. Prioritized community-based flood mapping needs in Cumberland County requiring redelineation, limited detail study, or detail study.

Rank	Water body	Community	Study Type	Score
1	Fall Brook	Portland, City of	Limited Detail Study	379.2
2	Atlantic Ocean	Portland, City of	Limited Detail Study	361.2
3	Capisic Brook	Portland, City of	Limited Detail Study	359.2
4	Casco Bay - Fore River	Portland, City of	Detail Study	356.2
5	Presumpscot River	Portland, City of	Detail Study	350.2
6	Unnamed Tributary near Milliken Road	Portland, City of	Limited Detail Study	339.2
7	Atlantic Ocean	Scarborough, Town of	Limited Detail Study	321.4
8	Atlantic Ocean	Harpswell, Town of	Limited Detail Study	301.4
9	Atlantic Ocean	South Portland, City of	Limited Detail Study	191.1
10	Hyde Brook	Windham, Town of	Detail Study	188.4
11	Colley Wright Brook	Windham, Town of	Detail Study	183.4
12	Trout Brook	South Portland, City of	Detail Study	183.1
13	Jackson Brook	South Portland, City of	Detail Study	180.1
14	Red Brook	South Portland, City of	Detail Study	180.1
15	Atlantic Ocean	Yarmouth, Town of	Limited Detail Study	172.8
16	Atlantic Ocean	Brunswick, Town of	Limited Detail Study	167.5
17	All Riverine in Community	Brunswick, Town of	Detail Study	164.5
18	Atlantic Ocean	Cape Elizabeth, Town of	Limited Detail Study	163.8
19	Pratts Brook	Yarmouth, Town of	Detail Study	158.8
20	Long Lake (& Bay of Naples)	Naples, Town of	Redelineation	156.1
21	Trout Brook	Cape Elizabeth, Town of	Detail Study	155.8
22	Crooked River	Naples, Town of	Detail Study	150.1
23	Forest Lake	Gray, Town of	Redelineation	149.3
24	Little Sebago Lake	Gray, Town of	Redelineation	147.3
25	Watchic Pond	Standish, Town of	Detail Study	144.4
26	Atlantic Ocean	Falmouth, Town of	Limited Detail Study	137.8
27	Thomas Pond	Casco, Town of	Redelineation	134.6
28	Presumpscot River	Falmouth, Town of	Detail Study	129.8
29	Coffee Pond	Casco, Town of	Detail Study	123.6
30	East Branch Piscataqua River	Falmouth, Town of	Limited Detail Study	122.8
31	West Branch Piscataqua River	Falmouth, Town of	Detail Study	122.8
32	Sebago Lake	Raymond, Town of	Redelineation	121.6
33	Corn Shop Brook	Bridgton, Town of	Detail Study	119.2
34	Atlantic Ocean	Freeport, Town of	Limited Detail Study	115.3
35	Atlantic Ocean	Cumberland, Town of	Limited Detail Study	111.1
36	Jordan River (a.k.a. Panther Run)	Raymond, Town of	Detail Study	98.6
37	Sebago Lake	Frye Island, Town of	Redelineation	62.3
38	Atlantic Ocean	Long Island, Town of	Limited Detail Study	55.2

Table 9. Prioritized community-based flood mapping needs in Cumberland County on the basis of nonrevised baseline-DFIRM production only.

[*, communities recently (2004-06) have had detailed flood-insurance studies done and are thus highest priority for processing to preliminary map products—per Maine Floodplain Management Program, State Planning Office]

Rank	Community	Score
1	Windham, Town of	*
2	Westbrook, City of	*
3	Bridgton, Town of	*
4	Gorham, Town of	*
5	Portland, City of	374.2
6	Scarborough, Town of	313.4
7	Harpswell, Town of	276.4
8	South Portland, City of	170.1
9	Yarmouth, Town of	151.8
10	Standish, Town of	149.4
11	Brunswick, Town of	144.5
12	Naples, Town of	140.1
13	Gray, Town of	139.3
14	Cape Elizabeth, Town of	138.8
15	Casco, Town of	115.6
16	Falmouth, Town of	111.8
17	Raymond, Town of	100.6
18	Freeport, Town of	90.3
19	Cumberland, Town of	86.1
20	Sebago, Town of	79.0
21	North Yarmouth, Town of	70.4
22	New Gloucester, Town of	68.4
23	Harrison, Town of	67.1
24	Pownal, Town of	60.5
25	Baldwin, Town of	42.0
26	Frye Island, Town of	40.3
27	Long Island, Town of	27.2

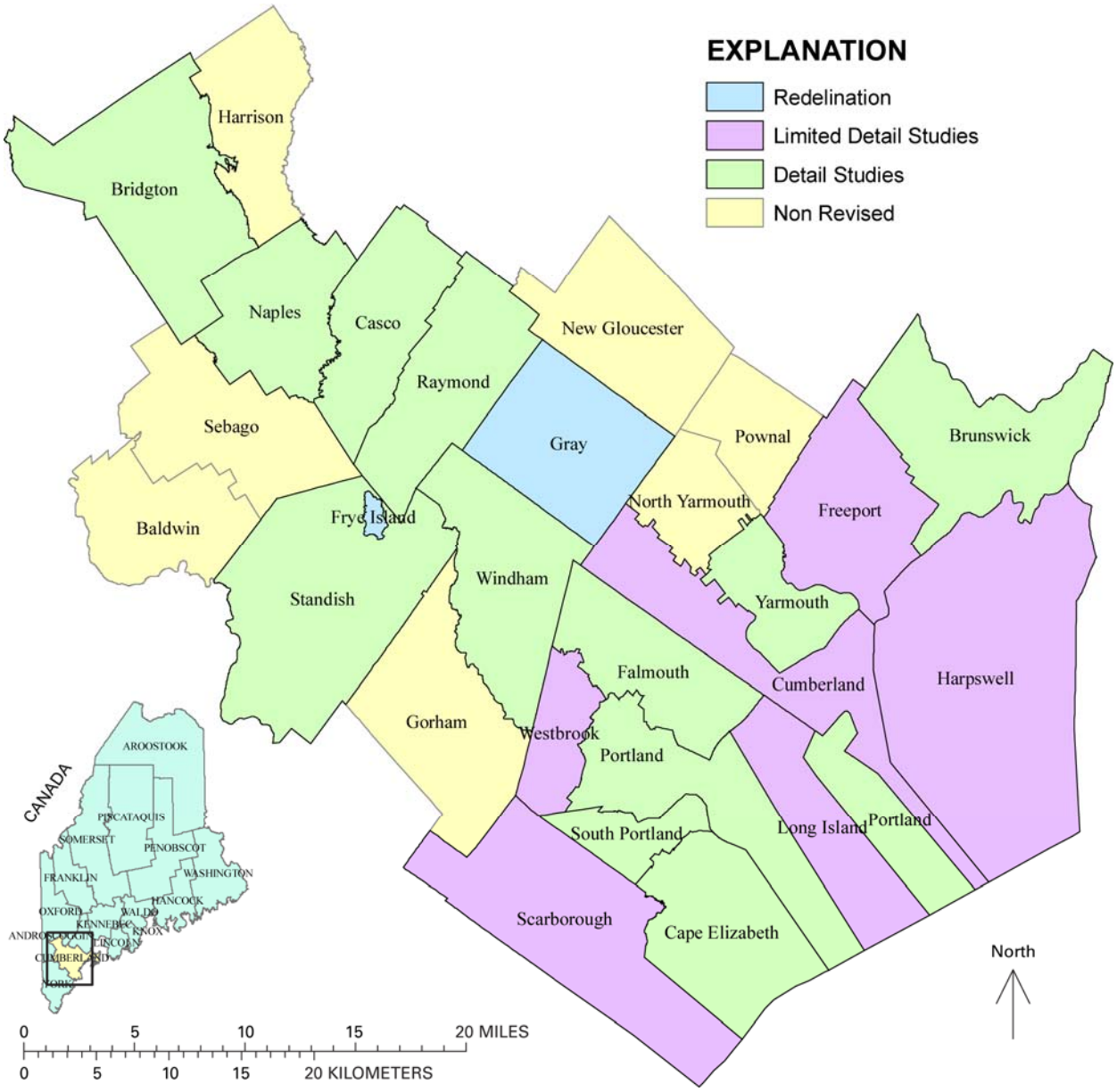

Figure 4. Mapping needs by community in Cumberland County.

Project Time and Costs for Identified Mapping Needs

The USGS Maine Water Science Center will provide scoping-level time and cost estimates for the identified study needs for each water body listed in table 4. The time and cost estimates will include costs for hydrologic, hydraulic, and topographic data collection and analyses and mapping, depending on the identified type of study needed for each water body. The time and cost estimates will be submitted to the cooperating agencies (FEMA, Maine Floodplain Management Program) as a separate document as set forth in the scope of work.

Project Alternatives

Costs can be reduced by cutting back on the level of effort for the hydrologic and hydraulic (H&H) analyses and (or) reducing the number of DFIRM panels.

Alternative H&H options that would help FEMA to reduce costs include reducing the study scope from a detailed study to a limited detail study or redelineation of current flood information only. Reducing the number of DFIRM panels by altering the mix of panel scales would lower the total panel count and reduce the estimated DFIRM production cost.

Section 3. Options for Future Mapping and DTM Preparation

Mapping Requirements

This section provides an assessment of the costs and benefits of utilizing the data cataloged in the previous section for the preparation of Digital Flood Insurance Rate Maps (DFIRMs) for Cumberland County. Options are presented for using these data sets in various combinations and supplementing them with new data sets.

DFIRMs are produced from three broad categories of geospatial data: (1) Base Map, (2) Digital Terrain Model (DTM), and (3) Flood-Insurance Risk Zones. The spatial accuracy of each of these three categories is fixed by the specifications contained in the Guidelines and Specifications for Flood Hazard Mapping Partners, April 2003 (Guidelines and Specifications).

- Base Maps: Base maps are acquired from MEGIS and will be used by FEMA as a "backdrop" to the flood-insurance risk zones shown on the DFIRMs.

- Digital Terrain Models (DTMs): DTMs are used in conjunction with hydrologic and hydraulic models to interpret the limits of flood-insurance risk zones. DTMs represent terrain with irregularly-spaced spot elevations (x, y, z) and breaklines that indicate changes in ground slope at features such as the toe or top of channel banks or ridge lines. These data sets are generally photogrametrically compiled by a mapping contractor from stereo photos and utilized in the form of a Triangulated Irregular Network (TIN) or a Digital Elevation Model (DEM). A DEM uses a regular grid, or raster, spacing of (x, y, z) points to represent the land surface. Each grid cell is assigned an average elevation to represent the elevation of the ground that is covered by the grid cell. A DEM represents the terrain surface with a mesh of regularly spaced points, whereas a TIN uses contiguous triangular planes.

- Flood-Insurance Risk Zones: Geographic boundaries produced by FEMA and provided in digital format.

Base Map

Base maps are defined in the Guidelines and Specifications as the "map of the community that depicts cultural features (roads, railroad, bridges, dams, and culverts), drainage features, and corporate limits." Depending on the source of the base map, the specific features found on DFIRMs may include the following data and features:

- Roads: centerlines, edge-of-pavement, right-of-way, names.

- Railroads: names.

- Bridges: names.

- Flood Control Structures: headwall, dam, levee, names.

- Airport Boundaries: names.

- Rivers: centerlines, banks, names.

- Streams: names.

- Lakes: names.
- Political Boundaries: county, municipality, special districts, wards, military reservations, Native American lands, names.
- Land Use: parks, individual land parcels, names.

The Guidelines and Specifications specify "absolute horizontal accuracy" for base map features to establish horizontal accuracy for the position of the digital data set to its actual location on the earth's surface. The horizontal accuracy is specified as a statistical error distribution at the 95-percent confidence level and is specified in the Guidelines and Specifications as a function of finished map scale, as shown in table 10:

Table 10. Flood Insurance Rate Map (FIRM) Horizontal Accuracy.

FIRM map scale	Absolute horizontal accuracy at the 95-percent confidence level, in feet
1 in = 500 feet	19.0
1 in = 1,000 feet	38.0
1 in = 2,000 feet	45.6

MEGIS can provide digital mapping data for Cumberland County for DFIRM production.

Digital Terrain Models (DTMs)

FEMA typically develops DTMs for the production of DFIRMS as they are not widely available at the accuracies required by FEMA. The DTMs are used in conjunction with hydrologic and hydraulic models to interpret flood boundaries and can be used by the community for many other purposes other than flood management.

Guidelines and Specifications identify the following four types of DTMs: (1) Digital contours, (2) Digital Elevation Models (DEMs), (3) Mass points and breaklines, and (4) Triangulated Irregular Networks (TIN). Each of these models can be created from the other and their use is application dependent.

Under FEMA guidelines, the allowable DTMs are as follows:

- Digital contours: continuous, nonintersecting lines of equal elevation separated by a specified elevation interval.
- Digital Elevation Model (DTM): x, y, and z coordinates of regularly spaced points that form a grid.
- Mass Points and Breaklines: x, y, and z coordinates of irregularly spaced points.
- Triangulated Irregular Network (TIN): contiguous triangles with x, y, and z values at the vertices and faces with slope and aspect.

The Guidelines and Specifications specify what is referred to as "absolute vertical accuracy" for DTMs, which relates the elevation of the land surface in the digital data set to its actual elevation relative to a specific vertical datum. The National Standard for Spatial Data Accuracy (NSSDA) is specified as a statistical error distribution at the 90- and 95-percent confidence level as a function of the specified contour interval as shown in table 11:

Table 11. National Standard for Spatial Data Accuracy (NSSDA).

NSSDA Contour interval	NSSDA 90-percent confidence interval	NSSDA 95-percent confidence interval
2 feet	1 foot	1.2 feet
4 feet	2 feet	2.4 feet

Contouring and DEMs are not printed on DFIRMS so their vertical accuracy is not labeled on the DFIRMS, but it is recorded in the metadata of elevation datasets used for hydrologic and hydraulic modeling.

Neither USGS nor MEGIS has elevation data suitable for hydraulic modeling by detailed methods and communities were contacted to find topographic or elevation data suitable for hydraulic modeling (e.g. 2-foot or 4-foot contours) (approximate and limited-detailed studies can often be done with less rigorous topographic standards). Community specific topographic data will be used if it meets FEMA standards. New elevation data will be developed as necessary.

DTM development options include (1) obtaining countywide DTM data that covers all communities and (2) obtaining DTM data only for selected floodplain areas as needed to support a detailed study, limited detailed study, restudy or re-delineation of flood hazard areas. Obtaining DTM data on a countywide basis is expensive; most of the acquired data would be outside of the floodplain and not needed for hydraulic analysis. If FEMA obtains new DTM data for selected areas as needed, keeping in mind that is most cost effective to consolidate areas, where possible, and optimizes flights, the unit costs could be reduced.

Flood-Insurance Risk Zones

Flood-insurance risk zones are created by FEMA to set insurance rates and manage the floodplain. Flood-insurance risk zone accuracy requirements are not specified in the Guidelines and Specifications but can be described in terms of the combined accuracies of the base map, DTM, and the hydrology and hydraulic simulation models.

FEMA flood insurance rate 100- and 500-year flood zones are being converted to digital data layers by MEGIS for each community participating in the National Flood Insurance Program (NFIP) in Maine. These datasets were developed by direct digitization of FIRM maps using data registration techniques that produced the best-fit registration to community boundaries or other suitable features.

The most common comment by community representatives was that a better base map is needed to allow easier determination of where the risk zone boundaries are relative to the existing features such as roads and buildings.

Section 4. References Cited

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Dudley, R.W., Hodgkins, G.A., and Nielsen, J.P., 2001, Water budget for Sebago Lake, Maine, 1996-99: U.S. Geological Survey Water-Resources Investigations Report 01-4235, 18 p.

University of Maine, 2004, Maine census data, population totals: Fogler Library, University of Maine, accessed on September 16, 2004, at *http://www.library.umaine.edu/census/*

U.S. Census Bureau, 2002, Maine 2000: Summary population and housing characteristics: 2000 Census of Population and Housing, PH-1-21, 275 p.

Appendixes

Appendix A: Community Contacts and Best Available Data: Cumberland County

Baldwin, Town of

CID 230200 Community Profile

Map Type: Floodways **Current FIRM/FIS Map Date:** 7/2/1980
Participating=Yes **LURC:** No **Ordinance Date:** 3/12/1994
Total No. NFIP Policies=1 **No. Claims Since 1978=** 0 **All LOMCs:** 0

Norman McKenney 207-625-3581
Selectmen
Town of Baldwin
534 Pequawket Trail
West Baldwin ME 04091

Robert Sharkley, CEO 207-787-2457

Best Available Data: ND

Mapping Status: ND

Mapping Needs: ND

ND, No Data

Bridgton, Town of

CID 230041 Community Profile

Map Type: Floodways **Current FIRM/FIS Map Date:** 5/3/1982

Participating= Yes **LURC:** No **Ordinance Date:** 6/7/2001

Total No. NFIP Policies= 44 **No. Claims Since 1978=** 1 **All LOMCs:** 9

Ronald Belanger 207-647-8786
Town Manager
Town of Bridgton
3 Chase St., Ste 1
Bridgton ME 04009

Best Available Data: Peabody Pond: Bfe 482.6' (NRCS 10/93)
Woods Pond 459.1' per Bridgton LOMA 11/4/04. Woods Pond BFE459.1' per Bridgton LOMA 11/4/04

Mapping Status: FFY'03 LLM funding for Woods Pond, Stevens & Willet Bk
USGS field work summer '04
Draft issued April '05

Mapping Needs: Need BFEs for ponds and brooks. Dams have been removed.

ND, No Data

Brunswick, Town of

CID 230042 Community Profile

Map Type: Coastal **Current FIRM/FIS Map Date:** 1/3/1986
Participating=Yes **LURC:** No **Ordinance Date:** 1/19/1999
Total No. NFIP Policies=21 **No. Claims Since 1978=** 4 **All LOMCs:** 3

Donald Gerrish 207-725-6659
Town Manager
Town of Brunswick
28 Federal St., Ste 2
Brunswick ME 04011

Jeffrey Hutchinson, CEO 207-775-6651
28 Federal St
Brunswick ME 04011

Best Available Data: ND

Mapping Status: ND

Mapping Needs: ND

ND, No Data

Cape Elizabeth, Town of

CID 230043 Community Profile

Map Type: Coastal **Current FIRM/FIS Map Date:** 7/15/1992

Participating=Yes **LURC:** No **Ordinance Date:** 5/12/1993

Total No. NFIP Policies=34 **No. Claims Since 1978=** 37 **All LOMCs:** 2

Michael McGovern 207-799-0881
Town Manager
Town of Cape Elizabeth
PO Box 6260
Cape Elizabeth ME 04107

Bruce Smith, CEO 207-799-1619
PO Box 6260
Cape Elizabeth ME 04107

Best Available Data: ND

Mapping Status: ND

Mapping Needs: ND

ND, No Data

Casco, Town of

CID 230044 Community Profile

Map Type: Floodways **Current FIRM/FIS Map Date:** 5/5/1981

Participating= Yes **LURC:** No **Ordinance Date:** 6/19/1999

Total No. NFIP Policies= 30 **No. Claims Since 1978=** 23 **All LOMCs:** 8

David Morton 207-627-4515
Town Manager
Town of Casco
PO Box 60
Casco ME 04015

Elwin Thorpe, CEO 207-627-4515
PO Box 60
Casco ME 04015

Best Available Data: Thompson Lake: Bfe 327' (Poland FIS 20/5/96)

Mapping Status: Did not make it onto FY '04 list due to lack of funding - try to do during Map Mod

Mapping Needs: ND

ND, No Data

Cumberland, Town of

CID 230162 Community Profile

Map Type: Coastal **Current FIRM/FIS Map Date:** 7/15/1992

Participating= Yes **LURC:** No **Ordinance Date:** 11/25/1996

Total No. NFIP Policies= 13 **No. Claims Since 1978=** 3 **All LOMCs:** 1

William Shane 207-829-5559
Town Manager
Town of Cumberland
290 Tuttle Rd.
Cumberland Center ME 04021

William Longley, CEO 207-846-9036
PO Box 132
Woolwich ME 04579

Best Available Data: Forest Lake: Bfe 279' 1 (ACE12/86) Bfe: 278.8' (Windham draft FIRM 1/16/01)RM data from MDOT near Forest Lake is in mapfile

Mapping Status: ND

Mapping Needs: ND

ND, No Data

Falmouth, Town of

CID 230045 Community Profile

Map Type: Coastal **Current FIRM/FIS Map Date:** 10/16/1984
Participating= Yes **LURC:** No **Ordinance Date:** 5/27/1987
Total No. NFIP Policies= 15 **No. Claims Since 1978=** 7 **All LOMCs:** 0

John Harris 207-781-5253
Town Manager
Town of Falmouth
271 Falmouth Rd
Falmouth ME 04105

Albert Farris, Jr., CEO 207-781-5253
204 River Rd
Brunswick ME 04011

Best Available Data: ND

Mapping Status: ND

Mapping Needs: ND

ND, No Data

Freeport, Town of

CID 230046 Community Profile

Map Type: Coastal **Current FIRM/FIS Map Date:** 1/17/1985

Participating= Yes **LURC:** No **Ordinance Date:** 6/16/1987

Total No. NFIP Policies= 12 **No. Claims Since 1978=** 2 **All LOMCs:** 4

Dale Olmstead Jr. 207-865-4743
Town Manager
Town of Freeport
30 Main St
Freeport ME 04032

Frederick Reeder, CEO 207-865-4743
30 Main St.
Freeport ME 04032

Best Available Data: ND

Mapping Status: ND

Mapping Needs: ND

ND, No Data

Frye Island, Town of

CID 231036 Community Profile

Map Type: No Floodways **Current FIRM/FIS Map Date:** 10/16/1984
Participating=Yes **LURC:** No **Ordinance Date:** 10/12/2002
Total No. NFIP Policies=ND **No. Claims Since 1978=** ND **All LOMCs:** 0

Wayne Fournier 207-655-4551
Town Manager
Town of Frye Island
1 Sunset Rd
Frye Island ME 04071

Paul White, CEO 207-655-4551
401 Webbs Mills Rd
Raymond ME 04071

Best Available Data: ND

Mapping Status: Using Standish map-panels 10 & 15

Mapping Needs: ND

ND, No Data

Gorham, Town of

CID 230047 Community Profile

Map Type: Floodways **Current FIRM/FIS Map Date:** 10/15/1981

Participating= Yes **LURC:** No **Ordinance Date:** 4/4/2000

Total No. NFIP Policies= 3 **No. Claims Since 1978=** 1 **All LOMCs:** 3

David Cole 207-839-5037
Town Manager
Town of Gorham
270 Main St
Gorham ME 04038

Clinton Cushman, CEO 207-839-5039
814 Weld Rd
Wilton ME 04294

Best Available Data: ND

Mapping Status: '99 LLM funding for Presum.
USGS draft Feb '03.
Add'l '03 funding for Little R & North Branch. Updated USGS draft April '05.

Mapping Needs: ND

ND, No Data

Gray, Town of

CID 230048 Community Profile

Map Type: Floodways **Current FIRM/FIS Map Date:** 1/6/1982

Participating= Yes **LURC:** No **Ordinance Date:** 4/20/1993

Total No. NFIP Policies= 33 **No. Claims Since 1978=** 9 **All LOMCs:** 27

Mitchell Berkowitz 207-657-3339
Town Manager
Town of Gray
6 Shaker Rd
Gray ME 04039

Paul White, CEO 207-655-4551
401 Webbs Mills Rd
Raymond ME 04071

Best Available Data: Forest Lake: Bfe 279' (ACE12/86) Bfe: 278.8' (Windham draft FIRM 1/16/01)

RM data from MDOT near Forest Lake is in mapfile

Mapping Status: ND

Mapping Needs: 20 LOMCs - 9 on Little Sebago and 7 on Forest Lake

ND, No Data

Harpswell, Town of

CID 230169 Community Profile

Map Type: Coastal **Current FIRM/FIS Map Date:** 7/20/1998
Participating=Yes **LURC:** No **Ordinance Date:** 3/8/2003
Total No. NFIP Policies=104 **No. Claims Since 1978=** 23 **All LOMCs:** 55

James Knight 207-833-5771
Selectman
Town of Harpswell
PO Box 39
Harpswell ME 04079

Terri Sawyer, CEO 207-833-5771
P.O. Box 39
Harpswell ME 04079

Best Available Data: Seacoast: Bfe U.S. Wildlife Fish & Service 7/12/96

Mapping Status: ND

Mapping Needs: See letter from community dated March 31, 1999

ND, No Data

Harrison, Town of

CID 230049 Community Profile

Map Type: Floodways **Current FIRM/FIS Map Date:** 4/15/1982

Participating=Yes **LURC:** No **Ordinance Date:** 6/14/2000

Total No. NFIP Policies=15 **No. Claims Since 1978=** 4 **All LOMCs:** 3

Michael Thorne 207-583-2241
Town Manager
Town of Harrison
PO Box 300
Harrison ME 04040

Robert Baker, CEO 207-583-2241
65 Maple Ridge Rd
Harrison ME 04040

Best Available Data: ND

Mapping Status: ND

Mapping Needs: ND

ND, No Data

Long Island, Town of

CID 231035 Community Profile

Map Type: Coastal **Current FIRM/FIS Map Date:** 12/8/1998
Participating= Yes **LURC:** No **Ordinance Date:** 6/27/1993
Total No. NFIP Policies= ND **No. Claims Since 1978=** ND **All LOMCs:** 0

Ruth Peterson 207-766-5820
Selectmen
Town of Long Island
PO Box 263
Long Island ME 04050

Douglas Webster, CEO 207-766-5820
12 Netop Rd
Casco ME 04015

Best Available Data: ND

Mapping Status: ND

Mapping Needs: Would be nice to show corp. boundaries on actual panels, not just on Portland's FIRM index.

ND, No Data

Naples, Town of

CID 230050 Community Profile

Map Type: Floodways **Current FIRM/FIS Map Date:** 4/1/1982

Participating= Yes **LURC:** No **Ordinance Date:** 5/14/1991

Total No. NFIP Policies= 55 **No. Claims Since 1978=** 29 **All LOMCs:** 11

Derik Goodine 207-693-6364
Town Manager
Town of Naples
PO Box 1757
Naples ME 04055

John Thompson, CEO 207-693-6364
PO Box 1757
Naples ME 04055

Best Available Data: Peabody Pond: Bfe 482.6' NGVD per NRCS 10/93

Mapping Status: FFY '04 LLM funding for Trickey Pond

Mapping Needs: Dropped off 2003 mapping list. Try to address in FY 2004-redelineation regarding causeway work. Approved for '04 LLM for Trickey Pond

ND, No Data

New Gloucester, Town of

CID 230201 Community Profile

Map Type: Floodways **Current FIRM/FIS Map Date:** 4/1/1982

Participating=Yes **LURC:** No **Ordinance Date:** 5/8/1993

Total No. NFIP Policies=ND **No. Claims Since 1978=** ND **All LOMCs:** 2

Rosemary Kulow 207-926-4126
Town Manager
Town of New Gloucester
PO Box 82
New Gloucester ME 04260

Debra Parks, CEO 207-926-4126
P.O. Box 82
New Gloucester ME 04260

Best Available Data: ND

Mapping Status: ND

Mapping Needs: ND

ND, No Data

North Yarmouth, Town of

CID 230202 Community Profile

Map Type: Floodways **Current FIRM/FIS Map Date:** 7/16/1981

Participating=Yes **LURC:** No **Ordinance Date:** 6/16/1987

Total No. NFIP Policies=1 **No. Claims Since 1978=** 0 **All LOMCs:** 3

Scott Seaver 207-829-3705
Selectmen
Town of North Yarmouth
10 Village Square Rd
North Yarmouth ME 04097

Barbara McPheters, CEO 207-829-2207
65 Hunter Rd
Freeport ME 04032

Best Available Data: ND

Mapping Status: ND

Mapping Needs: ND

ND, No Data

Portland, City of

CID 230051 Community Profile

Map Type: Coastal **Current FIRM/FIS Map Date:** 12/8/1998

Participating= Yes **LURC:** No **Ordinance Date:** 11/16/1998

Total No. NFIP Policies= 209 **No. Claims Since 1978=** 25 **All LOMCs:** 42

Joseph Gray 207-874-8941
City Manager
City of Portland
389 Congress St
Portland ME 04101

Michael Nugent, CEO 207-874-8700
389 Congress St
Portland ME 04101

Best Available Data: Capisic Brook Watershed (NRCS 10/95)

Mapping Status: ND

Mapping Needs: ND

ND, No Data

Pownal, Town of

CID 230204 Community Profile

Map Type: Unnumbered A-Zone **Current FIRM/FIS Map Date:** 12/2/1980
Participating=Yes **LURC:** No **Ordinance Date:** 9/29/2003
Total No. NFIP Policies=1 **No. Claims Since 1978=** 0 **All LOMCs:** 0

James Briggs 207-688-4431
Selectmen
Town of Pownal
PO Box 95
Pownal ME 04069

Craig Vosmus, CEO 207-688-4810
136 Libby Rd
Pownal ME 04069

Best Available Data: ND

Mapping Status: ND

Mapping Needs: ND

ND, No Data

Raymond, Town of

CID 230205 Community Profile

Map Type: No Floodways **Current FIRM/FIS Map Date:** 5/5/1981
Participating=Yes **LURC:** No **Ordinance Date:** 3/15/1997
Total No. NFIP Policies=18 **No. Claims Since 1978=** 2 **All LOMCs:** 10

Don Willard 207-655-4742
Town Manager
Town of Raymond
401 Webbs Mills Rd
Raymond ME 04071

John Cooper, CEO 207-655-3066
401 Webbs Mills Rd
Raymond ME 04071

Best Available Data: ND

Mapping Status: FFY '04 LLM funds for Thomas and Raymond Ponds

Mapping Needs: ND

ND, No Data

Scarborough, Town of

CID 230052 Community Profile

Map Type: Coastal **Current FIRM/FIS Map Date:** 4/2/1992

Participating=Yes **LURC:** No **Ordinance Date:** 4/16/1997

Total No. NFIP Policies=190 **No. Claims Since 1978=** 72 **All LOMCs:** 22

Ron Owens 207-883-4301
Town Manager
Town of Scarborough
PO Box 360
Scarborough ME 04070

David Gryskwicz, CEO 207-883-5579
PO Box 360
Scarborough ME 04070

Best Available Data: Nonesuch River (SCS 4/75)

Mapping Status: ND

Mapping Needs: ND

ND, No Data

Sebago, Town of

CID 230206 Community Profile

Map Type: No Floodways **Current FIRM/FIS Map Date:** 4/1/1981
Participating=Yes **LURC:** No **Ordinance Date:** 6/4/1994
Total No. NFIP Policies=14 **No. Claims Since 1978=** 1 **All LOMCs:** 8

David Hague 207-787-2457
Town Manager
Town of Sebago
406 Bridgton Rd.
Sebago ME 04029

Robert Sharkley, CEO 207-787-2457

Best Available Data: Peabody Pond: Bfe 482.6 (NRCS SCS 10/93)

Mapping Status: D&D will look at for XDS projects in '97/'98.
'04 LLM funds for Peabody Pond

Mapping Needs: Not enough $ for Northwest River in the FY'04 workplan

ND, No Data

South Portland, City of

CID 230053 Community Profile

Map Type: Coastal **Current FIRM/FIS Map Date:** 4/17/1985
Participating=Yes **LURC:** No **Ordinance Date:** 7/16/1990
Total No. NFIP Policies=36 **No. Claims Since 1978=** 11 **All LOMCs:** 6

Jeffrey Jordan 207-767-3201
City Manager
City of South Portland
PO Box 9422
South Portland ME 04116

Patricia Doucette, CEO 207-767-7603
PO Box 9422
S. Portland ME 04116

Best Available Data: ND

Mapping Status: ND

Mapping Needs: ND

ND, No Data

Standish, Town of

CID 230207 Community Profile

Map Type: Floodways **Current FIRM/FIS Map Date:** 10/16/1984

Participating= Yes **LURC:** No **Ordinance Date:** 1/9/1996

Total No. NFIP Policies= 41 **No. Claims Since 1978=** 3 **All LOMCs:** 21

Gordon Billington 207-642-3461
Town Manager
Town of Standish
175 Northeast Rd.
Standish ME 04084

Daniel Hill, CEO 207-642-4571
175 Northeast Rd
Standish ME 04084

Best Available Data: Bonney Eagle Pond Bfe 271.3' per 2/2/00 LOMA

Mapping Status: ND

Mapping Needs: ND

ND, No Data

Westbrook, City of

CID 230054 Community Profile

Map Type: Floodways **Current FIRM/FIS Map Date:** 1/2/1981

Participating= Yes **LURC:** No **Ordinance Date:** 3/7/2005

Total No. NFIP Policies= 25 **No. Claims Since 1978=** 8 **All LOMCs:** 2

James Violette 207-854-9105
Councilors
City of Westbrook
2 York St
Westbrook ME 04092

Richard Gouzie, CEO 207-854-9105
2 York St
Westbrook ME 04092

Best Available Data: ND

Mapping Status: '99 LLM funding for Presumpscot River. USGS draft released Feb '03.

Mapping Needs: ND

ND, No Data

Windham, Town of

CID 230189 Community Profile

Map Type: Floodways **Current FIRM/FIS Map Date:** 9/2/1981

Participating=Yes **LURC:** No **Ordinance Date:** 3/13/1997

Total No. NFIP Policies=51 **No. Claims Since 1978=** 14 **All LOMCs:** 48

Anthony Plante 207-892-2511
Town Manager
Town of Windham
8 School Rd
Windham ME 04062

Roger Timmons, CEO 207-892-1901
8 School Rd
Windham ME 04062

Best Available Data: Forest Lake: Bfe 279' (ACE 1/16/01) RM data from MDOT near Forest Lake is in map file Pettingill Pond: Bfe 299.7' (Windham draft FIRM 1/16/01)
BAD

Mapping Status: '99 LLM funding
USGS draft issued Jan '01
'03 add'l funding Pleasant River. USGS revised draft issued April '05

Mapping Needs: ND

ND, No Data

Yarmouth, Town of

CID 230055 Community Profile

Map Type: Coastal **Current FIRM/FIS Map Date:** 11/15/1984
Participating= Yes **LURC:** No **Ordinance Date:** 6/11/1998
Total No. NFIP Policies= 46 **No. Claims Since 1978=** 12 **All LOMCs:** 6

Nathaniel Tupper 207-846-9036
Town Manager
Town of Yarmouth
200 Main St.
Yarmouth ME 04096

William Longley, CEO 207-846-9036
PO Box 132
Woolwich ME 04579

Best Available Data: ND

Mapping Status: ND

Mapping Needs: ND

ND, No Data

Appendix B: Community Scoping Interview Data: Cumberland County

SCOPING INTERVIEW DATA FOR: **Bridgton, Town of**

CID: 230041 **Council Govt:** **Annual Town Meeting Date:**
Town Govt: June

Community Representative Interviewed
Robert Baker
CEO
Email: **Tel:** (207) 647-8786 **Fax:**
Floodplain Management Community Contact (if different from above)

Known problems with flood maps for your community
Do you have specific areas that don't flood (1% chance) but are currently in the floodplain?
Yes, Panel 10, Corn Shop Brook. In flood plain but does not flood

Do you have specific areas that flood (1% chance) but are not mapped in the floodplain?
No

Note any significant changes in hydraulic structures (bridges, culverts, dams)
No

Do you have (or are you proposing) high-development areas where you need new or restudied flood elevations or improved map scale?
No

Community Resources
Do you have aerial photography (or plans for any) (flight date, scale, color/bw)?
No

Do you have any topographic data (or plans for collecting) (digital terrain, contour maps)?
No

Do you have any data related to hydrologic/hydraulic studies (or plans for such studies)?
No

Do you have dedicated GIS capabilities (if so, provide contact information)?
No

Notes
The town will send second form next week . New to town and not sure what floods.

SCOPING INTERVIEW DATA FOR: **Brunswick, Town of**

CID: 230042 **Council Govt:** **Annual Town Meeting Date:**
Town Govt:

Community Representative Interviewed
Jeff Hutchinson
CEO
Email: Jhutchinson@brunswickme.org **Tel:** (207) 725-6651 **Fax:** (207) 725-6663
Floodplain Management Community Contact (if different from above)

Known problems with flood maps for your community
Do you have specific areas that don't flood (1% chance) but are currently in the floodplain?
No

Do you have specific areas that flood (1% chance) but are not mapped in the floodplain?
No

Note any significant changes in hydraulic structures (bridges, culverts, dams)
No

Do you have (or are you proposing) high-development areas where you need new or restudied flood elevations or improved map scale?
No

Community Resources
Do you have aerial photography (or plans for any) (flight date, scale, color/bw)?
Yes, Brunswick GIS and Assessors Office

Do you have any topographic data (or plans for collecting) (digital terrain, contour maps)?
Yes, Brunswick GIS

Do you have any data related to hydrologic/hydraulic studies (or plans for such studies)?
No

Do you have dedicated GIS capabilities (if so, provide contact information)?
Yes, Steve Walker (207) 725-6660- Brunswick Planning Office

Notes

SCOPING INTERVIEW DATA FOR: **Falmouth, Town of**

CID: 230045 **Council Govt:** **Annual Town Meeting Date:**
Town Govt:

Community Representative Interviewed
Albert Farris and Jennifer
CEO and IT/GIS Administrator
Email: afarris@town.falmouth.me.us **Tel:** (207) 781-5253 **Fax:** (207) 781-8677
Floodplain Management Community Contact (if different from above)

Known problems with flood maps for your community
Do you have specific areas that don't flood (1% chance) but are currently in the floodplain?
Yes, Presumpscot river dam removed in 2002 or 2003

Do you have specific areas that flood (1% chance) but are not mapped in the floodplain?
No

Note any significant changes in hydraulic structures (bridges, culverts, dams)
Yes, Presumpscot river dam removed 2002 or 2003

Do you have (or are you proposing) high-development areas where you need new or restudied flood elevations or improved map scale?
Yes, LOMA request by developer 2004-23045 0007B

Community Resources
Do you have aerial photography (or plans for any) (flight date, scale, color/bw)?
Yes, April 2001; color aerial photos

Do you have any topographic data (or plans for collecting) (digital terrain, contour maps)?
Yes, 5 foot contours

Do you have any data related to hydrologic/hydraulic studies (or plans for such studies)?
Yes, based on aerial photos

Do you have dedicated GIS capabilities (if so, provide contact information)?
Yes

Notes

SCOPING INTERVIEW DATA FOR: **Frye Island, Town of**

CID: 231036 **Council Govt:** **Annual Town Meeting Date:**
Town Govt: Labor day

Community Representative Interviewed
Paul J. White
CEO
Email: p.white@fryeisland.com **Tel:** (207) 655-4551 **Fax:** (207) 655-3066
Floodplain Management Community Contact (if different from above)

Known problems with flood maps for your community
Do you have specific areas that don't flood (1% chance) but are currently in the floodplain?
Yes, Southwestern and eastern sides of Fryes Island steep topography, floodplain looks too big

Do you have specific areas that flood (1% chance) but are not mapped in the floodplain?
No

Note any significant changes in hydraulic structures (bridges, culverts, dams)
No

Do you have (or are you proposing) high-development areas where you need new or restudied flood elevations or improved map scale?
No

Community Resources
Do you have aerial photography (or plans for any) (flight date, scale, color/bw)?
No

Do you have any topographic data (or plans for collecting) (digital terrain, contour maps)?
No

Do you have any data related to hydrologic/hydraulic studies (or plans for such studies)?
No

Do you have dedicated GIS capabilities (if so, provide contact information)?
No

Notes

SCOPING INTERVIEW DATA FOR: **Gray, Town of**

CID: 230048 **Council Govt:** **Annual Town Meeting Date:**
Town Govt:

Community Representative Interviewed
Paul J. White
CEO
Email: code@graymaine.org **Tel:** (207) 657-3112 **Fax:** (207) 657-2852
Floodplain Management Community Contact (if different from above)

Known problems with flood maps for your community
Do you have specific areas that don't flood (1% chance) but are currently in the floodplain?
Yes, Birchwood area of little Sebago, Map 10, Little Sebago-High priority, many LOMC's

Do you have specific areas that flood (1% chance) but are not mapped in the floodplain?
No

Note any significant changes in hydraulic structures (bridges, culverts, dams)
Yes, New Bridge 2001, Thayer Brook and Rte 207. New Bridge 2003, M&G quire Rd.- see map, Collyer Brook

Do you have (or are you proposing) high-development areas where you need new or restudied flood elevations or improved map scale?
No

Community Resources
Do you have aerial photography (or plans for any) (flight date, scale, color/bw)?
No

Do you have any topographic data (or plans for collecting) (digital terrain, contour maps)?
No

Do you have any data related to hydrologic/hydraulic studies (or plans for such studies)?
No

Do you have dedicated GIS capabilities (if so, provide contact information)?
No

Notes
See sheets

SCOPING INTERVIEW DATA FOR: **Harpswell, Town of**

CID: 230169 **Council Govt:** **Annual Town Meeting Date:**
Town Govt: March

Community Representative Interviewed
Terri Sawyer and William Wells
CEO/LPI
Email: Tsawyer@town.harpswell.me.us **Tel:** (207) 833-5772 **Fax:** (207) 833-0058
Floodplain Management Community Contact (if different from above)
same

Known problems with flood maps for your community
Do you have specific areas that don't flood (1% chance) but are currently in the floodplain?
No

Do you have specific areas that flood (1% chance) but are not mapped in the floodplain?
No

Note any significant changes in hydraulic structures (bridges, culverts, dams)
Maybe, Noted on Map 5

Do you have (or are you proposing) high-development areas where you need new or restudied flood elevations or improved map scale?
No

Community Resources
Do you have aerial photography (or plans for any) (flight date, scale, color/bw)?
Yes, done Aerial Survey, Rob

Do you have any topographic data (or plans for collecting) (digital terrain, contour maps)?
No

Do you have any data related to hydrologic/hydraulic studies (or plans for such studies)?
No

Do you have dedicated GIS capabilities (if so, provide contact information)?
Yes, Jay Chace; Jchace@town.harpswell.me.us

Notes
If the LOMA's LOMR's roads could be updated a lot of ledge shoreline was picked up as actual property and it is not.

SCOPING INTERVIEW DATA FOR: **Long Island, Town of**

CID: 231035 **Council Govt:** **Annual Town Meeting Date:**
Town Govt: Second Saturday in May

Community Representative Interviewed
Mark Greene
Mapping Assistant to Selectmen
Email: mlongreene2@aol.com **Tel:** (207) 766-4440 **Fax:** (207) 766-5200
Floodplain Management Community Contact (if different from above)

Known problems with flood maps for your community
Do you have specific areas that don't flood (1% chance) but are currently in the floodplain?
Yes, #1 most of NW bayside of Island and East end (priority)

Do you have specific areas that flood (1% chance) but are not mapped in the floodplain?
No

Note any significant changes in hydraulic structures (bridges, culverts, dams)
No

Do you have (or are you proposing) high-development areas where you need new or restudied flood elevations or improved map scale?
No

Community Resources
Do you have aerial photography (or plans for any) (flight date, scale, color/bw)?
No

Do you have any topographic data (or plans for collecting) (digital terrain, contour maps)?
No

Do you have any data related to hydrologic/hydraulic studies (or plans for such studies)?
No

Do you have dedicated GIS capabilities (if so, provide contact information)?
Yes, Project (GIS) is underway and will be completed in 60-90 days

Notes

SCOPING INTERVIEW DATA FOR: **Naples, Town of**

CID: 230050 **Council Govt:** **Annual Town Meeting Date:**
Town Govt: Middle of June

Community Representative Interviewed
Jogn Thompson
CEO
Email: naplesceo@townofnaples.org **Tel:** (207) 693-6364 **Fax:** (207) 693-3667
Floodplain Management Community Contact (if different from above)
Boni Rickett

Known problems with flood maps for your community
Do you have specific areas that don't flood (1% chance) but are currently in the floodplain?
Yes, causeway area (see map)

Do you have specific areas that flood (1% chance) but are not mapped in the floodplain?
Yes, Same Portland side of Bridge (see map). Area on Crooked River 2300500018, Panel 18-13

Note any significant changes in hydraulic structures (bridges, culverts, dams)
Yes, Lake House Rd. Crooked River (see map)

Do you have (or are you proposing) high-development areas where you need new or restudied flood elevations or improved map scale?
Trickey Pd. Need more info

Community Resources
Do you have aerial photography (or plans for any) (flight date, scale, color/bw)?
Yes, 2002

Do you have any topographic data (or plans for collecting) (digital terrain, contour maps)?
No

Do you have any data related to hydrologic/hydraulic studies (or plans for such studies)?
No

Do you have dedicated GIS capabilities (if so, provide contact information)?
No

Notes
Some issues with mapping on (Songo?) but mostly with mapping on Crooked River. Redelineation should take care of this. The Crooked River is an daily/week issue. Lots of problems at development.

SCOPING INTERVIEW DATA FOR: **North Yarmouth, Town of**

CID: 230202 **Council Govt:** **Annual Town Meeting Date:**
Town Govt: May

Community Representative Interviewed
Barb McPheters
CEO
Email: bmcpheters@maine.rr.com **Tel:** (207) 829-3705 **Fax:** (207) 829-3743
Floodplain Management Community Contact (if different from above)

Known problems with flood maps for your community
Do you have specific areas that don't flood (1% chance) but are currently in the floodplain?
No

Do you have specific areas that flood (1% chance) but are not mapped in the floodplain?
No

Note any significant changes in hydraulic structures (bridges, culverts, dams)
No

Do you have (or are you proposing) high-development areas where you need new or restudied flood elevations or improved map scale?
No

Community Resources
Do you have aerial photography (or plans for any) (flight date, scale, color/bw)?
No

Do you have any topographic data (or plans for collecting) (digital terrain, contour maps)?
Yes, new land use order adopted in June 2005 based on a number of GIS layers

Do you have any data related to hydrologic/hydraulic studies (or plans for such studies)?
No

Do you have dedicated GIS capabilities (if so, provide contact information)?
Yes, unsure of specific layers-learning system

Notes
Only worked in town 2 months-no floodplain issues encountered. Aware of 3 LOMR/LOMA.

SCOPING INTERVIEW DATA FOR: **Portland, City of**

CID: 230051 **Council Govt:** **Annual Town Meeting Date:**
Town Govt:

Community Representative Interviewed
Marge Schmuckal and Ann
Zoning Administrator and Zoning Specialist
Email: mes@portlandmaine.gov/amachado@**Tel:** (207) 874-8695 **Fax:** (207) 874-8716
Floodplain Management Community Contact (if different from above)
Marge Schmuckal

Known problems with flood maps for your community
Do you have specific areas that don't flood (1% chance) but are currently in the floodplain?
Yes, Panel 1, near Milliken; Panel 7, Mona Road- Fallbrook changes; Panel 14, waterfront where the news state/Portland project ocean gate terminal is going

Do you have specific areas that flood (1% chance) but are not mapped in the floodplain?
No, not that I'm aware of

Note any significant changes in hydraulic structures (bridges, culverts, dams)
Yes, Fallbrook redirected by our Public Works

Do you have (or are you proposing) high-development areas where you need new or restudied flood elevations or improved map scale?
Yes, waterfront area near oceangate project

Community Resources
Do you have aerial photography (or plans for any) (flight date, scale, color/bw)?
Yes, our Public Works Dept.- GIS division- Leslie Kaymon

Do you have any topographic data (or plans for collecting) (digital terrain, contour maps)?
Yes, see above

Do you have any data related to hydrologic/hydraulic studies (or plans for such studies)?
Yes, I think so - The Fallbrook

Do you have dedicated GIS capabilities (if so, provide contact information)?
Yes, see above

Notes

SCOPING INTERVIEW DATA FOR: **Pownal, Town of**

CID: 230204 **Council Govt:** **Annual Town Meeting Date:**
Town Govt: March

Community Representative Interviewed
Shawn Bennett, Anthony Dater,
Road Comm, Planner, Planning Board
Email: pownalof@maine.rr.com **Tel:** (207) 688-4431 **Fax:** (207) 688-4978
Floodplain Management Community Contact (if different from above)

Known problems with flood maps for your community
Do you have specific areas that don't flood (1% chance) but are currently in the floodplain?
No

Do you have specific areas that flood (1% chance) but are not mapped in the floodplain?
Yes, Runaround Brook (Panel 5B) and Thoits Brook (Panel 5B)

Note any significant changes in hydraulic structures (bridges, culverts, dams)
Yes, Panel 5; All culverts noted

Do you have (or are you proposing) high-development areas where you need new or restudied flood elevations or improved map scale?
No

Community Resources
Do you have aerial photography (or plans for any) (flight date, scale, color/bw)?
Yes, MEGIS and Greater Portland Council of Govt. took phots (2004?)

Do you have any topographic data (or plans for collecting) (digital terrain, contour maps)?
No, only small, site specific areas

Do you have any data related to hydrologic/hydraulic studies (or plans for such studies)?
Yes, possibly at proposed campground (Panel 5B) and near Chandler Stream (Panel 5B), R. Sweet Assoc.

Do you have dedicated GIS capabilities (if so, provide contact information)?
No

Notes

SCOPING INTERVIEW DATA FOR: **Raymond, Town of**

CID: 230205 **Council Govt:** **Annual Town Meeting Date:**
Town Govt: May

Community Representative Interviewed
John Cooper
CEO (extension 41 to phone number)
Email: jack.cooper@raymondmaine.org **Tel:** (207) 655-4742 **Fax:** (207) 655-3024
Floodplain Management Community Contact (if different from above)

Known problems with flood maps for your community
Do you have specific areas that don't flood (1% chance) but are currently in the floodplain?
Yes, Raymond Pond, Thomas Pond, Jordan River (Panther Run) Wharf Rd. (West End)

Do you have specific areas that flood (1% chance) but are not mapped in the floodplain?
No

Note any significant changes in hydraulic structures (bridges, culverts, dams)
No

Do you have (or are you proposing) high-development areas where you need new or restudied flood elevations or improved map scale?
No

Community Resources
Do you have aerial photography (or plans for any) (flight date, scale, color/bw)?
Yes

Do you have any topographic data (or plans for collecting) (digital terrain, contour maps)?
Yes

Do you have any data related to hydrologic/hydraulic studies (or plans for such studies)?
No

Do you have dedicated GIS capabilities (if so, provide contact information)?
Yes, Elisa Trepanier; elisa.trepanier@raymondmaine.org

Notes

SCOPING INTERVIEW DATA FOR: **Scarborough, Town of**

CID: 230052 **Council Govt:** **Annual Town Meeting Date:**
Town Govt:

Community Representative Interviewed
Dave Grysk
Chief CEO
Email: dgrysk@ci.scarborough.me.us **Tel:** (207) 730-4050 **Fax:** (207) 230-4046
Floodplain Management Community Contact (if different from above)

Known problems with flood maps for your community
Do you have specific areas that don't flood (1% chance) but are currently in the floodplain?
No

Do you have specific areas that flood (1% chance) but are not mapped in the floodplain?
No

Note any significant changes in hydraulic structures (bridges, culverts, dams)
Yes, Panel 20, culvert upsized MDOT USRte.1, culvert/bridge " Town-Old Blue point replaced and stable

Do you have (or are you proposing) high-development areas where you need new or restudied flood elevations or improved map scale?
No

Community Resources
Do you have aerial photography (or plans for any) (flight date, scale, color/bw)?
Yes, 2001, same as MEGIS

Do you have any topographic data (or plans for collecting) (digital terrain, contour maps)?
Yes, 5 ft. contour, on town web site 222.scarborough.me.us

Do you have any data related to hydrologic/hydraulic studies (or plans for such studies)?
No

Do you have dedicated GIS capabilities (if so, provide contact information)?
No

Notes

SCOPING INTERVIEW DATA FOR: **South Portland, City of**

CID: 230053 **Council Govt:** **Annual Town Meeting Date:**
Town Govt:

Community Representative Interviewed
Stephen Puleo
Community Planner
Email: spuleo@southportland.org **Tel:** (207) 767-7648 **Fax:** (207) 767-2197
Floodplain Management Community Contact (if different from above)

Known problems with flood maps for your community
Do you have specific areas that don't flood (1% chance) but are currently in the floodplain?
No

Do you have specific areas that flood (1% chance) but are not mapped in the floodplain?
No

Note any significant changes in hydraulic structures (bridges, culverts, dams)
Yes, road raised: Meush/Providence Rd.; culver road raises; Trout Brook/Sawyer ST. (0009D), Trout Brook/Highland Broadway (0008D), at intersection of Broadway/Anthione Street (0008D), Westbrook Avenue/Long Creek

Do you have (or are you proposing) high-development areas where you need new or restudied flood elevations or improved map scale?
Yes, entire (panel 4 of 10) (230053 0004D), needs to be updated (Maine Mall area)

Community Resources
Do you have aerial photography (or plans for any) (flight date, scale, color/bw)?
Yes, aerial photography taken in April 2005.

Do you have any topographic data (or plans for collecting) (digital terrain, contour maps)?
Yes, 2" contours - (Water Resource Protection Division)

Do you have any data related to hydrologic/hydraulic studies (or plans for such studies)?
Yes, Panel 4 - Pang Creek Watershed Study w/DEP

Do you have dedicated GIS capabilities (if so, provide contact information)?
No, not at this time, will be able to in early 2006

Notes
See panels. High priority items, the city may contribute, finding studies

SCOPING INTERVIEW DATA FOR: **Westbrook, City of**

CID: 230054 **Council Govt:** **Annual Town Meeting Date:**
Town Govt:

Community Representative Interviewed
Richard Goozie, Eric Dudley
Code officer, Engineer(extension for phone is
Email: Rgouzi@westbrook.me.us **Tel:** (207) 854-0638 **Fax:** (207) 854-0635
Floodplain Management Community Contact (if different from above)
Richard Gouzie

Known problems with flood maps for your community
Do you have specific areas that don't flood (1% chance) but are currently in the floodplain?
Yes, Panel 3 and also Panel 5

Do you have specific areas that flood (1% chance) but are not mapped in the floodplain?
Yes, Panel 4, Panel 6, and Panel 8.

Note any significant changes in hydraulic structures (bridges, culverts, dams)
Yes, Panel 1; Dam reconstruction

Do you have (or are you proposing) high-development areas where you need new or restudied flood elevations or improved map scale?
No

Community Resources
Do you have aerial photography (or plans for any) (flight date, scale, color/bw)?
Yes, April 2001 (color aerial photography)

Do you have any topographic data (or plans for collecting) (digital terrain, contour maps)?
Yes, contour maps, 2 and 5 foot contours

Do you have any data related to hydrologic/hydraulic studies (or plans for such studies)?
No

Do you have dedicated GIS capabilities (if so, provide contact information)?
Yes, Tom Burns (207) 772 -9639

Notes

SCOPING INTERVIEW DATA FOR: **Windham, Town of**

CID: 230189 **Council Govt:** **Annual Town Meeting Date:**
Town Govt:

Community Representative Interviewed
Roger Timmons
Com. Dev. Director
Email: retimmons@town.windham.me.us **Tel:** (207) 892-1901 **Fax:** (207) 892-1916
Floodplain Management Community Contact (if different from above)

Known problems with flood maps for your community
Do you have specific areas that don't flood (1% chance) but are currently in the floodplain?
Yes, see maps

Do you have specific areas that flood (1% chance) but are not mapped in the floodplain?
Yes, see maps

Note any significant changes in hydraulic structures (bridges, culverts, dams)
No

Do you have (or are you proposing) high-development areas where you need new or restudied flood elevations or improved map scale?
Yes, 91 lot subdivision near Raymond line, map 15B; lots of roads missing on all maps

Community Resources
Do you have aerial photography (or plans for any) (flight date, scale, color/bw)?
No

Do you have any topographic data (or plans for collecting) (digital terrain, contour maps)?
No

Do you have any data related to hydrologic/hydraulic studies (or plans for such studies)?
Yes, Have BFE done by surveyor years ago. Be glad to give it to you

Do you have dedicated GIS capabilities (if so, provide contact information)?
Yes, in process

Notes

SCOPING INTERVIEW DATA FOR: **Yarmouth, Town of**

CID: 230055 **Council Govt:** **Annual Town Meeting Date:**
Town Govt: June

Community Representative Interviewed
Dan Jellis and Dawn Emerson
Town Engineer and Town Planner
Email: djellis@yarmouth.me.us and **Tel:** (207) 846-2401 **Fax:**
Floodplain Management Community Contact (if different from above)
Same

Known problems with flood maps for your community
Do you have specific areas that don't flood (1% chance) but are currently in the floodplain?
Yes, Panel 5 zone B: Walls property, area of wetland only. Panel 5 zone A4-Grist Mill Park, along Royal River with 1 month record of flooding (US gaging station in area)

Do you have specific areas that flood (1% chance) but are not mapped in the floodplain?
No

Note any significant changes in hydraulic structures (bridges, culverts, dams)
No

Do you have (or are you proposing) high-development areas where you need new or restudied flood elevations or improved map scale?
Yes, Panel 2 Zone A-re-alignment of Pratt's Brook. Panel 2 and 3 (next to community garden across from transfer station) in frontage along Pratt's Brook possible future development (zone A). Panel 3 existing conc. Due to elevation. Panel 3 and 6 even (test yard area?) clarifications in slope needed. Panel 9-need flood elevation in Rittle Creek area/

Community Resources
Do you have aerial photography (or plans for any) (flight date, scale, color/bw)?
Yes, 2001 color (Delorme have later?)

Do you have any topographic data (or plans for collecting) (digital terrain, contour maps)?
Yes, 5' contours of ? River watershed; 2' contours for Cousins Island

Do you have any data related to hydrologic/hydraulic studies (or plans for such studies)?
No

Do you have dedicated GIS capabilities (if so, provide contact information)?
Yes, Dan Gellis, Dawn Engineer (spends about 10% of time on this)

Notes
We need copies of all letters please. Also have 2004 digitized shoreline information.

Appendix C: Existing MNUSS Data Entries: Cumberland County

BRIDGTON, TOWN OF

CID 230041 MNUSS Summary

MNUSS NeedID 100000000010327 **Date of Need:** 12/18/1997

VARIOUS UNNAMMED PONDS

Panel: 2300410020B

Need Desc: Changes to hydrologic conditions **Length:** 3 **mi**

Anticipated BFE Change: Increased By Greater Than 5 feet

Location of Floodplain:

Need Notes: Region I Office forwarded a letter for a dupe of this need. The entry in MNUSS is for a longer reach and affects the same panel listed in MNUSS.

SPO Comments: restudy in process

MNUSS NeedID 100000000010327 **Date of Need:** 12/18/1997

VARIOUS UNNAMMED PONDS

Panel: 2300410015B

Need Desc: Changes to hydrologic conditions **Length:** 3 **mi**

Anticipated BFE Change: Increased By Greater Than 5 feet

Location of Floodplain:

Need Notes: Region I Office forwarded a letter for a dupe of this need. The entry in MNUSS is for a longer reach and affects the same panel listed in MNUSS.

SPO Comments: restudy in process

EXISTING MNUSS ENTRIES FOR CUMBERLAND COUNTY

BRIDGTON, TOWN OF

CID 230041 MNUSS Summary

MNUSS NeedID 100000000010326 **Date of Need:** 12/18/1997

STEVENS BROOK

Panel: 2300410010B

Need Desc: Changes to hydraulic analysis **Length:** 1.6 **mi**

Anticipated BFE Change: Increased By Between 1 and 5 feet

Location of Floodplain:

Need Notes:

SPO Comments: restudy in process

EXISTING MNUSS ENTRIES FOR CUMBERLAND COUNTY

BRUNSWICK, TOWN OF

CID 230042 MNUSS Summary

MNUSS NeedID 100000000010336

Date of Need: 1/7/1998

Panel: 2300420027B

Need Desc: Add streets to panel

Length: 0 **mi**

Anticipated BFE Change: Not Applicable

Location of Floodplain:

Need Notes:

SPO Comments: DFIRM process will address

MNUSS NeedID 100000000010336

Date of Need: 1/7/1998

Panel: 2300420028B

Need Desc: Add streets to panel

Length: 0 **mi**

Anticipated BFE Change: Not Applicable

Location of Floodplain:

Need Notes:

SPO Comments: DFIRM process will address

EXISTING MNUSS ENTRIES FOR CUMBERLAND COUNTY

BRUNSWICK, TOWN OF

CID 230042 MNUSS Summary

MNUSS NeedID 100000000010336 **Date of Need:** 1/7/1998

Panel: 2300420015B

Need Desc: Add streets to panel **Length:** 0 **mi**

Anticipated BFE Change: Not Applicable

Location of Floodplain:

Need Notes:

SPO Comments: DFIRM process will address

MNUSS NeedID 100000000010336 **Date of Need:** 1/7/1998

Panel: 2300420010B

Need Desc: Add streets to panel **Length:** 0 **mi**

Anticipated BFE Change: Not Applicable

Location of Floodplain:

Need Notes:

SPO Comments: DFIRM process will address

EXISTING MNUSS ENTRIES FOR CUMBERLAND COUNTY

BRUNSWICK, TOWN OF

CID 230042 MNUSS Summary

MNUSS NeedID 100000000010336 **Date of Need:** 1/7/1998

Panel: 2300420005B

Need Desc: Add streets to panel **Length:** 0 **mi**

Anticipated BFE Change: Not Applicable

Location of Floodplain:

Need Notes:

SPO Comments: DFIRM process will address

MNUSS NeedID 100000000010336 **Date of Need:** 1/7/1998

Panel: 2300420026B

Need Desc: Add streets to panel **Length:** 0 **mi**

Anticipated BFE Change: Not Applicable

Location of Floodplain:

Need Notes:

SPO Comments: DFIRM process will address

EXISTING MNUSS ENTRIES FOR CUMBERLAND COUNTY

CAPE ELIZABETH, TOWN OF

CID 230043 MNUSS Summary

MNUSS NeedID 100000000010191 **Date of Need:** 8/4/1997

Willow Brook

Panel: 2300430005C

Need Desc: Changes to BFEs **Length:** 0.6 **mi**

Anticipated BFE Change: Increased By Greater Than 5 feet

Location of Floodplain:

Need Notes:

SPO Comments: valid

MNUSS NeedID 100000000010190 **Date of Need:** 8/4/1997

SPURWINK RIVER

Panel: 2300430005C

Need Desc: Changes to BFEs **Length:** 0.6 **mi**

Anticipated BFE Change: Increased By Greater Than 5 feet

Location of Floodplain:

Need Notes:

SPO Comments: valid

EXISTING MNUSS ENTRIES FOR CUMBERLAND COUNTY

CAPE ELIZABETH, TOWN OF

CID 230043 MNUSS Summary

MNUSS NeedID 100000000010157 **Date of Need:** 8/4/1997

Panel: 2300430005C

Need Desc: Add streets to panel **Length:** 0 **mi**

Anticipated BFE Change: Not Applicable

Location of Floodplain:

Need Notes:

SPO Comments: DFIRM process will address

MNUSS NeedID 100000000010135 **Date of Need:** 4/26/1999

Casco Bay

Panel: 2300430016C

Need Desc: Changes to coastal elevations **Length:** 11.5 **mi**

Anticipated BFE Change: Increased By Greater Than 5 feet

Location of Floodplain:

Need Notes: Runup BFEs are too high, ranging from 12 to 19 feet, while stillwater elevation is 9.4 feet. This is because runup elevations were determined using Stone and Webster methodology. Runup needs to be determined using current methodology which will lower BF

SPO Comments: valid

EXISTING MNUSS ENTRIES FOR CUMBERLAND COUNTY

CAPE ELIZABETH, TOWN OF

CID 230043 MNUSS Summary

MNUSS NeedID 100000000010135 **Date of Need:** 4/26/1999

Casco Bay

Panel: 2300430016C

Need Desc: Changes to coastal elevations **Length:** 11.5 **mi**

Anticipated BFE Change: Increased By Greater Than 5 feet

Location of Floodplain:

Need Notes: Runup BFEs are too high, ranging from 12 to 19 feet, while stillwater elevation is 9.4 feet. This is because runup elevations were determined using Stone and Webster methodology. Runup needs to be determined using current methodology which will lower BFEs more than 5 feet.

SPO Comments: valid

MNUSS NeedID 100000000010135 **Date of Need:** 4/26/1999

Casco Bay

Panel: 2300430008C

Need Desc: Changes to coastal elevations **Length:** 11.5 **mi**

Anticipated BFE Change: Increased By Greater Than 5 feet

Location of Floodplain:

Need Notes: Runup BFEs are too high, ranging from 12 to 19 feet, while stillwater elevation is 9.4 feet. This is because runup elevations were determined using Stone and Webster methodology. Runup needs to be determined using current methodology which will lower BFEs more than 5 feet.

SPO Comments: valid

EXISTING MNUSS ENTRIES FOR CUMBERLAND COUNTY

CAPE ELIZABETH, TOWN OF

CID 230043 MNUSS Summary

MNUSS NeedID 100000000010135 **Date of Need:** 4/26/1999

Casco Bay

Panel: 2300430003D

Need Desc: Changes to coastal elevations **Length:** 11.5 **mi**

Anticipated BFE Change: Increased By Greater Than 5 feet

Location of Floodplain:

Need Notes: Runup BFEs are too high, ranging from 12 to 19 feet, while stillwater elevation is 9.4 feet. This is because runup elevations were determined using Stone and Webster methodology. Runup needs to be determined using current methodology which will lower BF

SPO Comments: valid

MNUSS NeedID 100000000010135 **Date of Need:** 4/26/1999

Casco Bay

Panel: 2300430003D

Need Desc: Changes to coastal elevations **Length:** 11.5 **mi**

Anticipated BFE Change: Increased By Greater Than 5 feet

Location of Floodplain:

Need Notes: Runup BFEs are too high, ranging from 12 to 19 feet, while stillwater elevation is 9.4 feet. This is because runup elevations were determined using Stone and Webster methodology. Runup needs to be determined using current methodology which will lower BFEs more than 5 feet.

SPO Comments: valid

EXISTING MNUSS ENTRIES FOR CUMBERLAND COUNTY

CAPE ELIZABETH, TOWN OF

CID 230043 MNUSS Summary

MNUSS NeedID 100000000010135 **Date of Need:** 4/26/1999

Casco Bay **Panel:** 2300430003D

Need Desc: Changes to coastal elevations **Length:** 11.5 **mi**

Anticipated BFE Change: Increased By Greater Than 5 feet

Location of Floodplain:

Need Notes: Runup BFEs are too high, ranging from 12 to 19 feet, while stillwater elevation is 9.4 feet. This is because runup elevations were determined using Stone and Webster methodology. Runup needs to be determined using current methodology which will lower BFEs more than 5 feet.

SPO Comments: valid

MNUSS NeedID 100000000010135 **Date of Need:** 4/26/1999

Casco Bay **Panel:** 2300430008C

Need Desc: Changes to coastal elevations **Length:** 11.5 **mi**

Anticipated BFE Change: Increased By Greater Than 5 feet

Location of Floodplain:

Need Notes: Runup BFEs are too high, ranging from 12 to 19 feet, while stillwater elevation is 9.4 feet. This is because runup elevations were determined using Stone and Webster methodology. Runup needs to be determined using current methodology which will lower BF

SPO Comments: valid

EXISTING MNUSS ENTRIES FOR CUMBERLAND COUNTY

CAPE ELIZABETH, TOWN OF

CID 230043 MNUSS Summary

MNUSS NeedID 100000000010135 **Date of Need:** 4/26/1999

Casco Bay

Panel: 2300430016C

Need Desc: Changes to coastal elevations **Length:** 11.5 **mi**

Anticipated BFE Change: Increased By Greater Than 5 feet

Location of Floodplain:

Need Notes: Runup BFEs are too high, ranging from 12 to 19 feet, while stillwater elevation is 9.4 feet. This is because runup elevations were determined using Stone and Webster methodology. Runup needs to be determined using current methodology which will lower BFEs more than 5 feet.

SPO Comments: valid

MNUSS NeedID 100000000010135 **Date of Need:** 4/26/1999

Casco Bay

Panel: 2300430008C

Need Desc: Changes to coastal elevations **Length:** 11.5 **mi**

Anticipated BFE Change: Increased By Greater Than 5 feet

Location of Floodplain:

Need Notes: Runup BFEs are too high, ranging from 12 to 19 feet, while stillwater elevation is 9.4 feet. This is because runup elevations were determined using Stone and Webster methodology. Runup needs to be determined using current methodology which will lower BFEs more than 5 feet.

SPO Comments: valid

EXISTING MNUSS ENTRIES FOR CUMBERLAND COUNTY

CAPE ELIZABETH, TOWN OF

CID 230043 MNUSS Summary

MNUSS NeedID 100000000010135 **Date of Need:** 4/26/1999

Casco Bay **Panel:** 2300430012C

Need Desc: Changes to coastal elevations **Length:** 11.5 **mi**

Anticipated BFE Change: Increased By Greater Than 5 feet

Location of Floodplain:

Need Notes: Runup BFEs are too high, ranging from 12 to 19 feet, while stillwater elevation is 9.4 feet. This is because runup elevations were determined using Stone and Webster methodology. Runup needs to be determined using current methodology which will lower BFEs more than 5 feet.

SPO Comments: valid

MNUSS NeedID 100000000010135 **Date of Need:** 4/26/1999

Casco Bay **Panel:** 2300430011D

Need Desc: Changes to coastal elevations **Length:** 11.5 **mi**

Anticipated BFE Change: Increased By Greater Than 5 feet

Location of Floodplain:

Need Notes: Runup BFEs are too high, ranging from 12 to 19 feet, while stillwater elevation is 9.4 feet. This is because runup elevations were determined using Stone and Webster methodology. Runup needs to be determined using current methodology which will lower BF

SPO Comments: valid

EXISTING MNUSS ENTRIES FOR CUMBERLAND COUNTY

CAPE ELIZABETH, TOWN OF

CID 230043 MNUSS Summary

MNUSS NeedID 100000000010135 **Date of Need:** 4/26/1999

Casco Bay

Panel: 2300430011D

Need Desc: Changes to coastal elevations **Length:** 11.5 **mi**

Anticipated BFE Change: Increased By Greater Than 5 feet

Location of Floodplain:

Need Notes: Runup BFEs are too high, ranging from 12 to 19 feet, while stillwater elevation is 9.4 feet. This is because runup elevations were determined using Stone and Webster methodology. Runup needs to be determined using current methodology which will lower BFEs more than 5 feet.

SPO Comments: valid

MNUSS NeedID 100000000010135 **Date of Need:** 4/26/1999

Casco Bay

Panel: 2300430011D

Need Desc: Changes to coastal elevations **Length:** 11.5 **mi**

Anticipated BFE Change: Increased By Greater Than 5 feet

Location of Floodplain:

Need Notes: Runup BFEs are too high, ranging from 12 to 19 feet, while stillwater elevation is 9.4 feet. This is because runup elevations were determined using Stone and Webster methodology. Runup needs to be determined using current methodology which will lower BFEs more than 5 feet.

SPO Comments: valid

EXISTING MNUSS ENTRIES FOR CUMBERLAND COUNTY

CAPE ELIZABETH, TOWN OF

CID 230043 MNUSS Summary

MNUSS NeedID 100000000010135 **Date of Need:** 4/26/1999

Casco Bay

Panel: 2300430012C

Need Desc: Changes to coastal elevations **Length:** 11.5 **mi**

Anticipated BFE Change: Increased By Greater Than 5 feet

Location of Floodplain:

Need Notes: Runup BFEs are too high, ranging from 12 to 19 feet, while stillwater elevation is 9.4 feet. This is because runup elevations were determined using Stone and Webster methodology. Runup needs to be determined using current methodology which will lower BF

SPO Comments: valid

MNUSS NeedID 100000000010135 **Date of Need:** 4/26/1999

Casco Bay

Panel: 2300430012C

Need Desc: Changes to coastal elevations **Length:** 11.5 **mi**

Anticipated BFE Change: Increased By Greater Than 5 feet

Location of Floodplain:

Need Notes: Runup BFEs are too high, ranging from 12 to 19 feet, while stillwater elevation is 9.4 feet. This is because runup elevations were determined using Stone and Webster methodology. Runup needs to be determined using current methodology which will lower BFEs more than 5 feet.

SPO Comments: valid

EXISTING MNUSS ENTRIES FOR CUMBERLAND COUNTY

CASCO, TOWN OF

CID 230044 MNUSS Summary

MNUSS NeedID 100000000010351 **Date of Need:** 3/12/1998

Panel: 2300440022B

Need Desc: Add streets to panel **Length:** 0 **mi**

Anticipated BFE Change: Not Applicable

Location of Floodplain:

Need Notes:

SPO Comments: DFIRM process will address

MNUSS NeedID 100000000010349 **Date of Need:** 3/12/1998

Coffee Pond

Panel: 2300440010B

Need Desc: Changes to floodplain width **Length:** 2.38 **mi**

Anticipated BFE Change: Increased By Greater Than 5 feet

Location of Floodplain:

Need Notes: addbase flood elevations

SPO Comments: valid

EXISTING MNUSS ENTRIES FOR CUMBERLAND COUNTY

CASCO, TOWN OF

CID 230044 MNUSS Summary

MNUSS NeedID 100000000010352 **Date of Need:** 3/12/1998

Meadow Brook **Panel:** 2300440012B

Need Desc: Changes to floodplain width **Length:** 1.88 **mi**

Anticipated BFE Change: Increased By Greater Than 5 feet

Location of Floodplain:

Need Notes:

SPO Comments: valid

MNUSS NeedID 100000000010351 **Date of Need:** 3/12/1998

Panel: 2300440026B

Need Desc: Add streets to panel **Length:** 0 **mi**

Anticipated BFE Change: Not Applicable

Location of Floodplain:

Need Notes:

SPO Comments: DFIRM process will address

EXISTING MNUSS ENTRIES FOR CUMBERLAND COUNTY

CASCO, TOWN OF

CID 230044 MNUSS Summary

MNUSS NeedID 100000000010352 **Date of Need:** 3/12/1998

Meadow Brook

Panel: 2300440020B

Need Desc: Changes to floodplain width **Length:** 1.88 **mi**

Anticipated BFE Change: Increased By Greater Than 5 feet

Location of Floodplain:

Need Notes:

SPO Comments: valid

MNUSS NeedID 100000000010349 **Date of Need:** 3/12/1998

Coffee Pond

Panel: 2300440010B

Need Desc: Changes to floodplain width **Length:** 2.38 **mi**

Anticipated BFE Change: Increased By Greater Than 5 feet

Location of Floodplain:

Need Notes: addbase flood elevations

SPO Comments: valid

EXISTING MNUSS ENTRIES FOR CUMBERLAND COUNTY

CASCO, TOWN OF

CID 230044 MNUSS Summary

MNUSS NeedID 100000000010350 **Date of Need:** 3/12/1998

Parker Pond

Panel: 2300440010B

Need Desc: Changes to floodplain width **Length:** 6.76 **mi**

Anticipated BFE Change: Increased By Greater Than 5 feet

Location of Floodplain:

Need Notes: add els

SPO Comments: valid

MNUSS NeedID 100000000010349 **Date of Need:** 3/12/1998

Coffee Pond

Panel: 2300440005B

Need Desc: Changes to floodplain width **Length:** 2.38 **mi**

Anticipated BFE Change: Increased By Greater Than 5 feet

Location of Floodplain:

Need Notes: addbase flood elevations

SPO Comments: valid

EXISTING MNUSS ENTRIES FOR CUMBERLAND COUNTY

CASCO, TOWN OF

CID 230044 MNUSS Summary

MNUSS NeedID 100000000010351 **Date of Need:** 3/12/1998

Panel: 2300440020B

Need Desc: Add streets to panel **Length:** 0 **mi**

Anticipated BFE Change: Not Applicable

Location of Floodplain:

Need Notes:

SPO Comments: DFIRM process will address

MNUSS NeedID 100000000010350 **Date of Need:** 3/12/1998

Parker Pond

Panel: 2300440010B

Need Desc: Changes to floodplain width **Length:** 6.76 **mi**

Anticipated BFE Change: Increased By Greater Than 5 feet

Location of Floodplain:

Need Notes: add els

SPO Comments: valid

EXISTING MNUSS ENTRIES FOR CUMBERLAND COUNTY

CASCO, TOWN OF

CID 230044 MNUSS Summary

MNUSS NeedID 100000000010351 **Date of Need:** 3/12/1998

Panel: 2300440005B

Need Desc: Add streets to panel **Length:** 0 **mi**

Anticipated BFE Change: Not Applicable

Location of Floodplain:

Need Notes:

SPO Comments: DFIRM process will address

MNUSS NeedID 100000000010351 **Date of Need:** 3/12/1998

Panel: 2300440010B

Need Desc: Add streets to panel **Length:** 0 **mi**

Anticipated BFE Change: Not Applicable

Location of Floodplain:

Need Notes:

SPO Comments: DFIRM process will address

EXISTING MNUSS ENTRIES FOR CUMBERLAND COUNTY

CASCO, TOWN OF

CID 230044 MNUSS Summary

MNUSS NeedID 100000000010351

Date of Need: 3/12/1998

Panel: 2300440012B

Need Desc: Add streets to panel

Length: 0 **mi**

Anticipated BFE Change: Not Applicable

Location of Floodplain:

Need Notes:

SPO Comments: DFIRM process will address

MNUSS NeedID 100000000010351

Date of Need: 3/12/1998

Panel: 2300440014B

Need Desc: Add streets to panel

Length: 0 **mi**

Anticipated BFE Change: Not Applicable

Location of Floodplain:

Need Notes:

SPO Comments: DFIRM process will address

EXISTING MNUSS ENTRIES FOR CUMBERLAND COUNTY

CASCO, TOWN OF

CID 230044 MNUSS Summary

MNUSS NeedID 100000000010349 **Date of Need:** 3/12/1998

Coffee Pond

Panel: 2300440005B

Need Desc: Changes to floodplain width **Length:** 2.38 **mi**

Anticipated BFE Change: Increased By Greater Than 5 feet

Location of Floodplain:

Need Notes: addbase flood elevations

SPO Comments: valid

EXISTING MNUSS ENTRIES FOR CUMBERLAND COUNTY

CUMBERLAND, TOWN OF

CID 230162 MNUSS Summary

MNUSS NeedID 100000000010158 **Date of Need:** 4/26/1999

Panel: 2301620015B

Need Desc: Add streets to panel **Length:** 0 **mi**

Anticipated BFE Change: Not Applicable

Location of Floodplain:

Need Notes:

SPO Comments: DFIRM process will address

MNUSS NeedID 100000000010139 **Date of Need:** 4/26/1999

Casco Bay

Panel: 2301620024C

Need Desc: Changes to coastal elevations **Length:** 1.2 **mi**

Anticipated BFE Change: Increased By Greater Than 5 feet

Location of Floodplain:

Need Notes: Runup BFE's are too high, ranging from 9 to 20 feet, while the stillwater elevation is 9.6 feet. THis is because the runup elevations were determined using Stone and Webster methodology. Runup needs to be determined using current methodology which will lower BFEs more than 5 feet.

SPO Comments: column K & O contradict

EXISTING MNUSS ENTRIES FOR CUMBERLAND COUNTY

CUMBERLAND, TOWN OF

CID 230162 MNUSS Summary

MNUSS NeedID 100000000010158 **Date of Need:** 4/26/1999

Panel: 2301620024C

Need Desc: Add streets to panel **Length:** 0 **mi**

Anticipated BFE Change: Not Applicable

Location of Floodplain:

Need Notes:

SPO Comments: DFIRM process will address

MNUSS NeedID 100000000010158 **Date of Need:** 4/26/1999

Panel: 2301620023E

Need Desc: Add streets to panel **Length:** 0 **mi**

Anticipated BFE Change: Not Applicable

Location of Floodplain:

Need Notes:

SPO Comments: DFIRM process will address

EXISTING MNUSS ENTRIES FOR CUMBERLAND COUNTY

CUMBERLAND, TOWN OF

CID 230162 MNUSS Summary

MNUSS NeedID 100000000010158 **Date of Need:** 4/26/1999

Panel: 2301620022B

Need Desc: Add streets to panel **Length:** 0 **mi**

Anticipated BFE Change: Not Applicable

Location of Floodplain:

Need Notes:

SPO Comments: DFIRM process will address

MNUSS NeedID 100000000010158 **Date of Need:** 4/26/1999

Panel: 2301620021D

Need Desc: Add streets to panel **Length:** 0 **mi**

Anticipated BFE Change: Not Applicable

Location of Floodplain:

Need Notes:

SPO Comments: DFIRM process will address

EXISTING MNUSS ENTRIES FOR CUMBERLAND COUNTY

CUMBERLAND, TOWN OF

CID 230162 MNUSS Summary

MNUSS NeedID 100000000010158 **Date of Need:** 4/26/1999

Panel: 2301620019C

Need Desc: Add streets to panel **Length:** 0 **mi**

Anticipated BFE Change: Not Applicable

Location of Floodplain:

Need Notes:

SPO Comments: DFIRM process will address

MNUSS NeedID 100000000010158 **Date of Need:** 4/26/1999

Panel: 2301620018C

Need Desc: Add streets to panel **Length:** 0 **mi**

Anticipated BFE Change: Not Applicable

Location of Floodplain:

Need Notes:

SPO Comments: DFIRM process will address

EXISTING MNUSS ENTRIES FOR CUMBERLAND COUNTY

CUMBERLAND, TOWN OF

CID 230162 MNUSS Summary

MNUSS NeedID 100000000010158 **Date of Need:** 4/26/1999

Panel: 2301620016C

Need Desc: Add streets to panel **Length:** 0 **mi**

Anticipated BFE Change: Not Applicable

Location of Floodplain:

Need Notes:

SPO Comments: DFIRM process will address

MNUSS NeedID 100000000010117 **Date of Need:** 4/26/1999

Forest Lake

Panel: 2301620010B

Need Desc: Changes to BFEs **Length:** 0.5 **mi**

Anticipated BFE Change: Increased By Greater Than 5 feet

Location of Floodplain:

Need Notes: Need to add BFE for entire area of Forest Lake based on 8/93 LOMA file for Pine (Grey, ME). No SC costs were considered in the cost summary, only processing fees.

SPO Comments: See SPO B.A.D.

EXISTING MNUSS ENTRIES FOR CUMBERLAND COUNTY

CUMBERLAND, TOWN OF

CID 230162 MNUSS Summary

MNUSS NeedID 100000000010139 **Date of Need:** 4/26/1999

Casco Bay **Panel:** 2301620024C

Need Desc: Changes to coastal elevations **Length:** 1.2 **mi**

Anticipated BFE Change: Increased By Greater Than 5 feet

Location of Floodplain:

Need Notes: Runup BFE's are too high, ranging from 9 to 20 feet, while the stillwater elevation is 9.6 feet. THis is because the runup elevations were determined using Stone and Webster methodology. Runup needs to be determined using current methodology which will lower BFEs more than 5 feet.

SPO Comments: column K & O contradict

MNUSS NeedID 100000000010158 **Date of Need:** 4/26/1999

Panel: 2301620003C

Need Desc: Add streets to panel **Length:** 0 **mi**

Anticipated BFE Change: Not Applicable

Location of Floodplain:

Need Notes:

SPO Comments: DFIRM process will address

EXISTING MNUSS ENTRIES FOR CUMBERLAND COUNTY

CUMBERLAND, TOWN OF

CID 230162 MNUSS Summary

MNUSS NeedID 100000000010139 **Date of Need:** 4/26/1999

Casco Bay

Panel: 2301620024C

Need Desc: Changes to coastal elevations **Length:** 1.2 **mi**

Anticipated BFE Change: Increased By Greater Than 5 feet

Location of Floodplain:

Need Notes: Runup BFE's are too high, ranging from 9 to 20 feet, while the stillwater elevation is 9.6 feet. THis is because the runup elevations were determined using Stone and Webster methodology. Runup needs to be determined using current methodology which will

SPO Comments: column K & O contradict

MNUSS NeedID 100000000010139 **Date of Need:** 4/26/1999

Casco Bay

Panel: 2301620023E

Need Desc: Changes to coastal elevations **Length:** 1.2 **mi**

Anticipated BFE Change: Increased By Greater Than 5 feet

Location of Floodplain:

Need Notes: Runup BFE's are too high, ranging from 9 to 20 feet, while the stillwater elevation is 9.6 feet. THis is because the runup elevations were determined using Stone and Webster methodology. Runup needs to be determined using current methodology which will lower BFEs more than 5 feet.

SPO Comments: column K & O contradict

EXISTING MNUSS ENTRIES FOR CUMBERLAND COUNTY

CUMBERLAND, TOWN OF

CID 230162 MNUSS Summary

MNUSS NeedID 100000000010139 **Date of Need:** 4/26/1999

Casco Bay

Panel: 2301620023E

Need Desc: Changes to coastal elevations **Length:** 1.2 **mi**

Anticipated BFE Change: Increased By Greater Than 5 feet

Location of Floodplain:

Need Notes: Runup BFE's are too high, ranging from 9 to 20 feet, while the stillwater elevation is 9.6 feet. THis is because the runup elevations were determined using Stone and Webster methodology. Runup needs to be determined using current methodology which will lower BFEs more than 5 feet.

SPO Comments: column K & O contradict

MNUSS NeedID 100000000010139 **Date of Need:** 4/26/1999

Casco Bay

Panel: 2301620023E

Need Desc: Changes to coastal elevations **Length:** 1.2 **mi**

Anticipated BFE Change: Increased By Greater Than 5 feet

Location of Floodplain:

Need Notes: Runup BFE's are too high, ranging from 9 to 20 feet, while the stillwater elevation is 9.6 feet. THis is because the runup elevations were determined using Stone and Webster methodology. Runup needs to be determined using current methodology which will

SPO Comments: column K & O contradict

EXISTING MNUSS ENTRIES FOR CUMBERLAND COUNTY

CUMBERLAND, TOWN OF

CID 230162 MNUSS Summary

MNUSS NeedID 100000000010158

Date of Need: 4/26/1999

Panel: 2301620010B

Need Desc: Add streets to panel

Length: 0 **mi**

Anticipated BFE Change: Not Applicable

Location of Floodplain:

Need Notes:

SPO Comments: DFIRM process will address

EXISTING MNUSS ENTRIES FOR CUMBERLAND COUNTY

FALMOUTH, TOWN OF

CID 230045 MNUSS Summary

MNUSS NeedID 100000000010316 **Date of Need:** 12/17/1997

Panel: 2300450008B

Need Desc: Align map panels **Length:** 0 **mi**

Anticipated BFE Change: Not Applicable

Location of Floodplain:

Need Notes:

SPO Comments: DFIRM process will address

MNUSS NeedID 100000000010317 **Date of Need:** 12/17/1997

Atlantic Ocean

Panel: 2300450009B

Need Desc: Changes to coastal elevations **Length:** 8.6 **mi**

Anticipated BFE Change: Decreased By Between 1 and 5 feet

Location of Floodplain:

Need Notes:

SPO Comments: valid

EXISTING MNUSS ENTRIES FOR CUMBERLAND COUNTY

FALMOUTH, TOWN OF

CID 230045 MNUSS Summary

MNUSS NeedID 100000000010317 **Date of Need:** 12/17/1997

Atlantic Ocean **Panel:** 2300450005B

Need Desc: Changes to coastal elevations **Length:** 8.6 **mi**

Anticipated BFE Change: Decreased By Between 1 and 5 feet

Location of Floodplain:

Need Notes:

SPO Comments: valid

MNUSS NeedID 100000000010316 **Date of Need:** 12/17/1997

Panel: 2300450013B

Need Desc: Align map panels **Length:** 0 **mi**

Anticipated BFE Change: Not Applicable

Location of Floodplain:

Need Notes:

SPO Comments: DFIRM process will address

EXISTING MNUSS ENTRIES FOR CUMBERLAND COUNTY

FALMOUTH, TOWN OF

CID 230045 MNUSS Summary

MNUSS NeedID 100000000010316 **Date of Need:** 12/17/1997

Panel: 2300450012B

Need Desc: Align map panels **Length:** 0 **mi**

Anticipated BFE Change: Not Applicable

Location of Floodplain:

Need Notes:

SPO Comments: DFIRM process will address

MNUSS NeedID 100000000010316 **Date of Need:** 12/17/1997

Panel: 2300450011B

Need Desc: Align map panels **Length:** 0 **mi**

Anticipated BFE Change: Not Applicable

Location of Floodplain:

Need Notes:

SPO Comments: DFIRM process will address

EXISTING MNUSS ENTRIES FOR CUMBERLAND COUNTY

FALMOUTH, TOWN OF

CID 230045 MNUSS Summary

MNUSS NeedID 100000000010316 **Date of Need:** 12/17/1997

Panel: 2300450009B

Need Desc: Align map panels **Length:** 0 **mi**

Anticipated BFE Change: Not Applicable

Location of Floodplain:

Need Notes:

SPO Comments: DFIRM process will address

MNUSS NeedID 100000000010316 **Date of Need:** 12/17/1997

Panel: 2300450002B

Need Desc: Align map panels **Length:** 0 **mi**

Anticipated BFE Change: Not Applicable

Location of Floodplain:

Need Notes:

SPO Comments: DFIRM process will address

EXISTING MNUSS ENTRIES FOR CUMBERLAND COUNTY

FALMOUTH, TOWN OF

CID 230045 MNUSS Summary

MNUSS NeedID 100000000010316 **Date of Need:** 12/17/1997

Panel: 2300450007B

Need Desc: Align map panels **Length:** 0 **mi**

Anticipated BFE Change: Not Applicable

Location of Floodplain:

Need Notes:

SPO Comments: DFIRM process will address

MNUSS NeedID 100000000010316 **Date of Need:** 12/17/1997

Panel: 2300450006B

Need Desc: Align map panels **Length:** 0 **mi**

Anticipated BFE Change: Not Applicable

Location of Floodplain:

Need Notes:

SPO Comments: DFIRM process will address

EXISTING MNUSS ENTRIES FOR CUMBERLAND COUNTY

FALMOUTH, TOWN OF

CID 230045 MNUSS Summary

MNUSS NeedID 100000000010316 **Date of Need:** 12/17/1997

Panel: 2300450005B

Need Desc: Align map panels **Length:** 0 **mi**

Anticipated BFE Change: Not Applicable

Location of Floodplain:

Need Notes:

SPO Comments: DFIRM process will address

MNUSS NeedID 100000000010316 **Date of Need:** 12/17/1997

Panel: 2300450004B

Need Desc: Align map panels **Length:** 0 **mi**

Anticipated BFE Change: Not Applicable

Location of Floodplain:

Need Notes:

SPO Comments: DFIRM process will address

EXISTING MNUSS ENTRIES FOR CUMBERLAND COUNTY

FALMOUTH, TOWN OF

CID 230045 MNUSS Summary

MNUSS NeedID 100000000010316 **Date of Need:** 12/17/1997

Panel: 2300450003B

Need Desc: Align map panels **Length:** 0 **mi**

Anticipated BFE Change: Not Applicable

Location of Floodplain:

Need Notes:

SPO Comments: DFIRM process will address

MNUSS NeedID 100000000010316 **Date of Need:** 12/17/1997

Panel: 2300450010B

Need Desc: Align map panels **Length:** 0 **mi**

Anticipated BFE Change: Not Applicable

Location of Floodplain:

Need Notes:

SPO Comments: DFIRM process will address

EXISTING MNUSS ENTRIES FOR CUMBERLAND COUNTY

FREEPORT, TOWN OF

CID 230046 MNUSS Summary

MNUSS NeedID 100000000010159 **Date of Need:** 8/4/1997

Panel: 2300460011B

Need Desc: Add streets to panel **Length:** 0 **mi**

Anticipated BFE Change: Not Applicable

Location of Floodplain:

Need Notes:

SPO Comments: DFIRM process will address

MNUSS NeedID 100000000010159 **Date of Need:** 8/4/1997

Panel: 2300460010B

Need Desc: Add streets to panel **Length:** 0 **mi**

Anticipated BFE Change: Not Applicable

Location of Floodplain:

Need Notes:

SPO Comments: DFIRM process will address

EXISTING MNUSS ENTRIES FOR CUMBERLAND COUNTY

FREEPORT, TOWN OF

CID 230046 MNUSS Summary

MNUSS NeedID 100000000010159 **Date of Need:** 8/4/1997

Panel: 2300460013B

Need Desc: Add streets to panel **Length:** 0 **mi**

Anticipated BFE Change: Not Applicable

Location of Floodplain:

Need Notes:

SPO Comments: DFIRM process will address

MNUSS NeedID 100000000010159 **Date of Need:** 8/4/1997

Panel: 2300460014B

Need Desc: Add streets to panel **Length:** 0 **mi**

Anticipated BFE Change: Not Applicable

Location of Floodplain:

Need Notes:

SPO Comments: DFIRM process will address

EXISTING MNUSS ENTRIES FOR CUMBERLAND COUNTY

FREEPORT, TOWN OF

CID 230046 MNUSS Summary

MNUSS NeedID 100000000010159 **Date of Need:** 8/4/1997

Panel: 2300460016B

Need Desc: Add streets to panel **Length:** 0 **mi**

Anticipated BFE Change: Not Applicable

Location of Floodplain:

Need Notes:

SPO Comments: DFIRM process will address

MNUSS NeedID 100000000010159 **Date of Need:** 8/4/1997

Panel: 2300460018B

Need Desc: Add streets to panel **Length:** 0 **mi**

Anticipated BFE Change: Not Applicable

Location of Floodplain:

Need Notes:

SPO Comments: DFIRM process will address

EXISTING MNUSS ENTRIES FOR CUMBERLAND COUNTY

FREEPORT, TOWN OF

CID 230046 MNUSS Summary

MNUSS NeedID 100000000010159 **Date of Need:** 8/4/1997

Panel: 2300460012B

Need Desc: Add streets to panel **Length:** 0 **mi**

Anticipated BFE Change: Not Applicable

Location of Floodplain:

Need Notes:

SPO Comments: DFIRM process will address

MNUSS NeedID 100000000010159 **Date of Need:** 8/4/1997

Panel: 2300460025B

Need Desc: Add streets to panel **Length:** 0 **mi**

Anticipated BFE Change: Not Applicable

Location of Floodplain:

Need Notes:

SPO Comments: DFIRM process will address

EXISTING MNUSS ENTRIES FOR CUMBERLAND COUNTY

FREEPORT, TOWN OF

CID 230046 MNUSS Summary

MNUSS NeedID 100000000010130 **Date of Need:** 4/29/1999

Casco Bay

Panel: 2300460013B

Need Desc: Changes to coastal elevations **Length:** 7.3 **mi**

Anticipated BFE Change: Increased By Greater Than 5 feet

Location of Floodplain:

Need Notes: Run up BFEs are too high, ranging from 10 to 15 feet, while the stillwater elevation is 9.7 feet. This is because the runup elevations were determined using Stone and Webster methodology. Runup needs to be computed using current methodology which will l

SPO Comments: column K & O contradict

MNUSS NeedID 100000000010130 **Date of Need:** 4/29/1999

Casco Bay

Panel: 2300460014B

Need Desc: Changes to coastal elevations **Length:** 7.3 **mi**

Anticipated BFE Change: Increased By Greater Than 5 feet

Location of Floodplain:

Need Notes: Run up BFEs are too high, ranging from 10 to 15 feet, while the stillwater elevation is 9.7 feet. This is because the runup elevations were determined using Stone and Webster methodology. Runup needs to be computed using current methodology which will lower BFEs more than 5 feet.

SPO Comments: column K & O contradict

EXISTING MNUSS ENTRIES FOR CUMBERLAND COUNTY

FREEPORT, TOWN OF

CID 230046 MNUSS Summary

MNUSS NeedID 100000000010130 **Date of Need:** 4/29/1999

Casco Bay

Panel: 2300460014B

Need Desc: Changes to coastal elevations **Length:** 7.3 **mi**

Anticipated BFE Change: Increased By Greater Than 5 feet

Location of Floodplain:

Need Notes: Run up BFEs are too high, ranging from 10 to 15 feet, while the stillwater elevation is 9.7 feet. This is because the runup elevations were determined using Stone and Webster methodology. Runup needs to be computed using current methodology which will lower BFEs more than 5 feet.

SPO Comments: column K & O contradict

MNUSS NeedID 100000000010130 **Date of Need:** 4/29/1999

Casco Bay

Panel: 2300460014B

Need Desc: Changes to coastal elevations **Length:** 7.3 **mi**

Anticipated BFE Change: Increased By Greater Than 5 feet

Location of Floodplain:

Need Notes: Run up BFEs are too high, ranging from 10 to 15 feet, while the stillwater elevation is 9.7 feet. This is because the runup elevations were determined using Stone and Webster methodology. Runup needs to be computed using current methodology which will l

SPO Comments: column K & O contradict

EXISTING MNUSS ENTRIES FOR CUMBERLAND COUNTY

FREEPORT, TOWN OF

CID 230046 MNUSS Summary

MNUSS NeedID 100000000010130 **Date of Need:** 4/29/1999

Casco Bay

Panel: 2300460013B

Need Desc: Changes to coastal elevations **Length:** 7.3 **mi**

Anticipated BFE Change: Increased By Greater Than 5 feet

Location of Floodplain:

Need Notes: Run up BFEs are too high, ranging from 10 to 15 feet, while the stillwater elevation is 9.7 feet. This is because the runup elevations were determined using Stone and Webster methodology. Runup needs to be computed using current methodology which will lower BFEs more than 5 feet.

SPO Comments: column K & O contradict

MNUSS NeedID 100000000010130 **Date of Need:** 4/29/1999

Casco Bay

Panel: 2300460013B

Need Desc: Changes to coastal elevations **Length:** 7.3 **mi**

Anticipated BFE Change: Increased By Greater Than 5 feet

Location of Floodplain:

Need Notes: Run up BFEs are too high, ranging from 10 to 15 feet, while the stillwater elevation is 9.7 feet. This is because the runup elevations were determined using Stone and Webster methodology. Runup needs to be computed using current methodology which will lower BFEs more than 5 feet.

SPO Comments: column K & O contradict

EXISTING MNUSS ENTRIES FOR CUMBERLAND COUNTY

GRAY, TOWN OF

CID 230048 MNUSS Summary

MNUSS NeedID 100000000010309 **Date of Need:** 12/17/1997

Panel: 2300480010A

Need Desc: Align map panels **Length:** 0 **mi**

Anticipated BFE Change: Not Applicable

Location of Floodplain:

Need Notes: CONVERT TO MAP INITIATIVES FORMAT

SPO Comments: DFIRM process will address

MNUSS NeedID 100000000010311 **Date of Need:** 12/17/1997

THAYER BROOK

Panel: 2300480015A

Need Desc: Changes to hydraulic analysis **Length:** 4.3 **mi**

Anticipated BFE Change: Decreased By Between 1 and 5 feet

Location of Floodplain:

Need Notes:

SPO Comments: unsure

EXISTING MNUSS ENTRIES FOR CUMBERLAND COUNTY

GRAY, TOWN OF

CID 230048 MNUSS Summary

MNUSS NeedID 100000000010310 **Date of Need:** 12/17/1997

Panel: 2300480015A

Need Desc: Add LOMCs (per panel) **Length:** 0 **mi**

Anticipated BFE Change: Not Applicable

Location of Floodplain:

Need Notes:

SPO Comments: DFIRM process will address

MNUSS NeedID 100000000010310 **Date of Need:** 12/17/1997

Panel: 2300480010A

Need Desc: Add LOMCs (per panel) **Length:** 0 **mi**

Anticipated BFE Change: Not Applicable

Location of Floodplain:

Need Notes:

SPO Comments: DFIRM process will address

EXISTING MNUSS ENTRIES FOR CUMBERLAND COUNTY

GRAY, TOWN OF

CID 230048 MNUSS Summary

MNUSS NeedID 100000000010309 **Date of Need:** 12/17/1997

Panel: 2300480015A

Need Desc: Align map panels **Length:** 0 **mi**

Anticipated BFE Change: Not Applicable

Location of Floodplain:

Need Notes: CONVERT TO MAP INITIATIVES FORMAT

SPO Comments: DFIRM process will address

MNUSS NeedID 100000000010309 **Date of Need:** 12/17/1997

Panel: 2300480015A

Need Desc: Align map panels **Length:** 0 **mi**

Anticipated BFE Change: Not Applicable

Location of Floodplain:

Need Notes: CONVERT TO MAP INITIATIVES FORMAT

SPO Comments: DFIRM process will address

EXISTING MNUSS ENTRIES FOR CUMBERLAND COUNTY

GRAY, TOWN OF

CID 230048 MNUSS Summary

MNUSS NeedID 100000000010309 **Date of Need:** 12/17/1997

Panel: 2300480005A

Need Desc: Align map panels **Length:** 0 **mi**

Anticipated BFE Change: Not Applicable

Location of Floodplain:

Need Notes: CONVERT TO MAP INITIATIVES FORMAT

SPO Comments: DFIRM process will address

MNUSS NeedID 100000000010309 **Date of Need:** 12/17/1997

Panel: 2300480005A

Need Desc: Align map panels **Length:** 0 **mi**

Anticipated BFE Change: Not Applicable

Location of Floodplain:

Need Notes: CONVERT TO MAP INITIATIVES FORMAT

SPO Comments: DFIRM process will address

EXISTING MNUSS ENTRIES FOR CUMBERLAND COUNTY

GRAY, TOWN OF

CID 230048 MNUSS Summary

MNUSS NeedID 100000000010309 **Date of Need:** 12/17/1997

Panel: 2300480010A

Need Desc: Align map panels **Length:** 0 **mi**

Anticipated BFE Change: Not Applicable

Location of Floodplain:

Need Notes: CONVERT TO MAP INITIATIVES FORMAT

SPO Comments: DFIRM process will address

MNUSS NeedID 100000000010118 **Date of Need:** 4/29/1999

Forest Lake

Panel: 2300480005A

Need Desc: Changes to BFEs **Length:** 1.7 **mi**

Anticipated BFE Change: Increased By Greater Than 5 feet

Location of Floodplain:

Need Notes: Region had obtained info in 8/93 which contained an elevation for the entire shoreline for Forest Lake. This need should be processed as an XDS.

SPO Comments: See SPO B.A.D.

EXISTING MNUSS ENTRIES FOR CUMBERLAND COUNTY

GRAY, TOWN OF

CID 230048 MNUSS Summary

MNUSS NeedID 100000000010118 **Date of Need:** 4/29/1999

Forest Lake

Panel: 2300480015A

Need Desc: Changes to BFEs **Length:** 1.7 **mi**

Anticipated BFE Change: Increased By Greater Than 5 feet

Location of Floodplain:

Need Notes: Region had obtained info in 8/93 which contained an elevation for the entire shoreline for Forest Lake. This need should be processed as an XDS.

SPO Comments: See SPO B.A.D.

MNUSS NeedID 100000000010118 **Date of Need:** 4/29/1999

Forest Lake

Panel: 2300480005A

Need Desc: Changes to BFEs **Length:** 1.7 **mi**

Anticipated BFE Change: Increased By Greater Than 5 feet

Location of Floodplain:

Need Notes: Region had obtained info in 8/93 which contained an elevation for the entire shoreline for Forest Lake. This need should be processed as an XDS.

SPO Comments: See SPO B.A.D.

EXISTING MNUSS ENTRIES FOR CUMBERLAND COUNTY

GRAY, TOWN OF

CID 230048 MNUSS Summary

MNUSS NeedID 100000000010118 **Date of Need:** 4/29/1999

Forest Lake

Panel: 2300480005A

Need Desc: Changes to BFEs **Length:** 1.7 **mi**

Anticipated BFE Change: Increased By Greater Than 5 feet

Location of Floodplain:

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SPO Comments: See SPO B.A.D.

MNUSS NeedID 100000000010118 **Date of Need:** 4/29/1999

Forest Lake

Panel: 2300480015A

Need Desc: Changes to BFEs **Length:** 1.7 **mi**

Anticipated BFE Change: Increased By Greater Than 5 feet

Location of Floodplain:

Need Notes: Region had obtained info in 8/93 which contained an elevation for the entire shoreline for Forest Lake. This need should be processed as an XDS.

SPO Comments: See SPO B.A.D.

EXISTING MNUSS ENTRIES FOR CUMBERLAND COUNTY

GRAY, TOWN OF

CID 230048 MNUSS Summary

MNUSS NeedID 100000000010118 **Date of Need:** 4/29/1999

Forest Lake **Panel:** 2300480015A

Need Desc: Changes to BFEs **Length:** 1.7 **mi**

Anticipated BFE Change: Increased By Greater Than 5 feet

Location of Floodplain:

Need Notes: Region had obtained info in 8/93 which contained an elevation for the entire shoreline for Forest Lake. This need should be processed as an XDS.

SPO Comments: See SPO B.A.D.

EXISTING MNUSS ENTRIES FOR CUMBERLAND COUNTY

HARPSWELL, TOWN OF

CID 230169 MNUSS Summary

MNUSS NeedID 100000000010319 **Date of Need:** 12/17/1997

Atlantic Ocean

Panel: 2301690003B

Need Desc: Changes to coastal elevations **Length:** 8 **mi**

Anticipated BFE Change: Decreased By Between 1 and 5 feet

Location of Floodplain:

Need Notes: MAJORITY OF MAPS ARE STILL 7/3/85 - REQUEST FOR RESTUDY WITH CURRENT METHODOLOGIES.

SPO Comments: valid

MNUSS NeedID 100000000010319 **Date of Need:** 12/17/1997

Atlantic Ocean

Panel: 2301690010B

Need Desc: Changes to coastal elevations **Length:** 8 **mi**

Anticipated BFE Change: Decreased By Between 1 and 5 feet

Location of Floodplain:

Need Notes: MAJORITY OF MAPS ARE STILL 7/3/85 - REQUEST FOR RESTUDY WITH CURRENT METHODOLOGIES.

SPO Comments: valid

EXISTING MNUSS ENTRIES FOR CUMBERLAND COUNTY

HARPSWELL, TOWN OF

CID 230169 MNUSS Summary

MNUSS NeedID 100000000010319 **Date of Need:** 12/17/1997

Atlantic Ocean

Panel: 2301690010B

Need Desc: Changes to coastal elevations **Length:** 8 **mi**

Anticipated BFE Change: Decreased By Between 1 and 5 feet

Location of Floodplain:

Need Notes: MAJORITY OF MAPS ARE STILL 7/3/85 - REQUEST FOR RESTUDY WITH CURRENT METHODOLOGIES.

SPO Comments: valid

MNUSS NeedID 100000000010319 **Date of Need:** 12/17/1997

Atlantic Ocean

Panel: 2301690009B

Need Desc: Changes to coastal elevations **Length:** 8 **mi**

Anticipated BFE Change: Decreased By Between 1 and 5 feet

Location of Floodplain:

Need Notes: MAJORITY OF MAPS ARE STILL 7/3/85 - REQUEST FOR RESTUDY WITH CURRENT METHODOLOGIES.

SPO Comments: valid

EXISTING MNUSS ENTRIES FOR CUMBERLAND COUNTY

HARPSWELL, TOWN OF

CID 230169 MNUSS Summary

MNUSS NeedID 100000000010319 **Date of Need:** 12/17/1997

Atlantic Ocean

Panel: 2301690009B

Need Desc: Changes to coastal elevations **Length:** 8 **mi**

Anticipated BFE Change: Decreased By Between 1 and 5 feet

Location of Floodplain:

Need Notes: MAJORITY OF MAPS ARE STILL 7/3/85 - REQUEST FOR RESTUDY WITH CURRENT METHODOLOGIES.

SPO Comments: valid

MNUSS NeedID 100000000010319 **Date of Need:** 12/17/1997

Atlantic Ocean

Panel: 2301690005B

Need Desc: Changes to coastal elevations **Length:** 8 **mi**

Anticipated BFE Change: Decreased By Between 1 and 5 feet

Location of Floodplain:

Need Notes: MAJORITY OF MAPS ARE STILL 7/3/85 - REQUEST FOR RESTUDY WITH CURRENT METHODOLOGIES.

SPO Comments: valid

EXISTING MNUSS ENTRIES FOR CUMBERLAND COUNTY

HARPSWELL, TOWN OF

CID 230169 MNUSS Summary

MNUSS NeedID 100000000010319 **Date of Need:** 12/17/1997

Atlantic Ocean **Panel:** 2301690003B

Need Desc: Changes to coastal elevations **Length:** 8 **mi**

Anticipated BFE Change: Decreased By Between 1 and 5 feet

Location of Floodplain:

Need Notes: MAJORITY OF MAPS ARE STILL 7/3/85 - REQUEST FOR RESTUDY WITH CURRENT METHODOLOGIES.

SPO Comments: valid

MNUSS NeedID 100000000010318 **Date of Need:** 12/17/1997

Panel: 2301690009B

Need Desc: Add LOMCs (per panel) **Length:** 0 **mi**

Anticipated BFE Change: Not Applicable

Location of Floodplain:

Need Notes:

SPO Comments: DFIRM process will address

EXISTING MNUSS ENTRIES FOR CUMBERLAND COUNTY

HARPSWELL, TOWN OF

CID 230169 MNUSS Summary

MNUSS NeedID 100000000010318 **Date of Need:** 12/17/1997

Panel: 2301690005B

Need Desc: Add LOMCs (per panel) **Length:** 0 **mi**

Anticipated BFE Change: Not Applicable

Location of Floodplain:

Need Notes:

SPO Comments: DFIRM process will address

MNUSS NeedID 100000000010319 **Date of Need:** 12/17/1997

Atlantic Ocean

Panel: 2301690005B

Need Desc: Changes to coastal elevations **Length:** 8 **mi**

Anticipated BFE Change: Decreased By Between 1 and 5 feet

Location of Floodplain:

Need Notes: MAJORITY OF MAPS ARE STILL 7/3/85 - REQUEST FOR RESTUDY WITH CURRENT METHODOLOGIES.

SPO Comments: valid

EXISTING MNUSS ENTRIES FOR CUMBERLAND COUNTY

HARPSWELL, TOWN OF

CID 230169 MNUSS Summary

MNUSS NeedID 100000000010142 **Date of Need:** 4/29/1999

Casco Bay **Panel:** 2301690017B

Need Desc: Changes to coastal elevations **Length:** 12 **mi**

Anticipated BFE Change: Increased By Greater Than 5 feet

Location of Floodplain:

Need Notes: Run up BFEs are too high, ranging from 12 to 32 feet, while the stillwater elevation is 9.3 feet. This is because the runup elevations were determined using Stone and Webster methodology. Runup s/b be computed using current methodology which will lower BFEs more than 5 feet.

SPO Comments: valid

MNUSS NeedID 100000000010142 **Date of Need:** 4/29/1999

Casco Bay **Panel:** 2301690019B

Need Desc: Changes to coastal elevations **Length:** 12 **mi**

Anticipated BFE Change: Increased By Greater Than 5 feet

Location of Floodplain:

Need Notes: Run up BFEs are too high, ranging from 12 to 32 feet, while the stillwater elevation is 9.3 feet. This is because the runup elevations were determined using Stone and Webster methodology. Runup s/b be computed using current methodology which will lower

SPO Comments: valid

EXISTING MNUSS ENTRIES FOR CUMBERLAND COUNTY

HARPSWELL, TOWN OF

CID 230169 MNUSS Summary

MNUSS NeedID 100000000010142 **Date of Need:** 4/29/1999

Casco Bay **Panel:** 2301690015B

Need Desc: Changes to coastal elevations **Length:** 12 **mi**

Anticipated BFE Change: Increased By Greater Than 5 feet

Location of Floodplain:

Need Notes: Run up BFEs are too high, ranging from 12 to 32 feet, while the stillwater elevation is 9.3 feet. This is because the runup elevations were determined using Stone and Webster methodology. Runup s/b be computed using current methodology which will lower BFEs more than 5 feet.

SPO Comments: valid

MNUSS NeedID 100000000010142 **Date of Need:** 4/29/1999

Casco Bay **Panel:** 2301690015B

Need Desc: Changes to coastal elevations **Length:** 12 **mi**

Anticipated BFE Change: Increased By Greater Than 5 feet

Location of Floodplain:

Need Notes: Run up BFEs are too high, ranging from 12 to 32 feet, while the stillwater elevation is 9.3 feet. This is because the runup elevations were determined using Stone and Webster methodology. Runup s/b be computed using current methodology which will lower BFEs more than 5 feet.

SPO Comments: valid

EXISTING MNUSS ENTRIES FOR CUMBERLAND COUNTY

HARPSWELL, TOWN OF

CID 230169 MNUSS Summary

MNUSS NeedID 100000000010142 **Date of Need:** 4/29/1999

Casco Bay **Panel:** 2301690017B

Need Desc: Changes to coastal elevations **Length:** 12 **mi**

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SPO Comments: valid

MNUSS NeedID 100000000010142 **Date of Need:** 4/29/1999

Casco Bay **Panel:** 2301690015B

Need Desc: Changes to coastal elevations **Length:** 12 **mi**

Anticipated BFE Change: Increased By Greater Than 5 feet

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SPO Comments: valid

EXISTING MNUSS ENTRIES FOR CUMBERLAND COUNTY

HARPSWELL, TOWN OF

CID 230169 MNUSS Summary

MNUSS NeedID 100000000010142 **Date of Need:** 4/29/1999

Casco Bay **Panel:** 2301690018B

Need Desc: Changes to coastal elevations **Length:** 12 **mi**

Anticipated BFE Change: Increased By Greater Than 5 feet

Location of Floodplain:

Need Notes: Run up BFEs are too high, ranging from 12 to 32 feet, while the stillwater elevation is 9.3 feet. This is because the runup elevations were determined using Stone and Webster methodology. Runup s/b be computed using current methodology which will lower

SPO Comments: valid

MNUSS NeedID 100000000010142 **Date of Need:** 4/29/1999

Casco Bay **Panel:** 2301690018B

Need Desc: Changes to coastal elevations **Length:** 12 **mi**

Anticipated BFE Change: Increased By Greater Than 5 feet

Location of Floodplain:

Need Notes: Run up BFEs are too high, ranging from 12 to 32 feet, while the stillwater elevation is 9.3 feet. This is because the runup elevations were determined using Stone and Webster methodology. Runup s/b be computed using current methodology which will lower BFEs more than 5 feet.

SPO Comments: valid

EXISTING MNUSS ENTRIES FOR CUMBERLAND COUNTY

HARPSWELL, TOWN OF

CID 230169 MNUSS Summary

MNUSS NeedID 100000000010142 **Date of Need:** 4/29/1999

Casco Bay **Panel:** 2301690018B

Need Desc: Changes to coastal elevations **Length:** 12 **mi**

Anticipated BFE Change: Increased By Greater Than 5 feet

Location of Floodplain:

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SPO Comments: valid

MNUSS NeedID 100000000010142 **Date of Need:** 4/29/1999

Casco Bay **Panel:** 2301690019B

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Anticipated BFE Change: Increased By Greater Than 5 feet

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EXISTING MNUSS ENTRIES FOR CUMBERLAND COUNTY

HARPSWELL, TOWN OF

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MNUSS NeedID 100000000010142 **Date of Need:** 4/29/1999

Casco Bay **Panel:** 2301690019B

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SPO Comments: valid

MNUSS NeedID 100000000010142 **Date of Need:** 4/29/1999

Casco Bay **Panel:** 2301690017B

Need Desc: Changes to coastal elevations **Length:** 12 **mi**

Anticipated BFE Change: Increased By Greater Than 5 feet

Location of Floodplain:

Need Notes: Run up BFEs are too high, ranging from 12 to 32 feet, while the stillwater elevation is 9.3 feet. This is because the runup elevations were determined using Stone and Webster methodology. Runup s/b be computed using current methodology which will lower

SPO Comments: valid

EXISTING MNUSS ENTRIES FOR CUMBERLAND COUNTY

NAPLES, TOWN OF

CID 230050 MNUSS Summary

MNUSS NeedID 100000000010161

Date of Need: 8/4/1997

Panel: 2300500021B

Need Desc: Add streets to panel

Length: 0 **mi**

Anticipated BFE Change: Not Applicable

Location of Floodplain:

Need Notes:

SPO Comments: DFIRM process will address

MNUSS NeedID 100000000010161

Date of Need: 8/4/1997

Panel: 2300500006B

Need Desc: Add streets to panel

Length: 0 **mi**

Anticipated BFE Change: Not Applicable

Location of Floodplain:

Need Notes:

SPO Comments: DFIRM process will address

EXISTING MNUSS ENTRIES FOR CUMBERLAND COUNTY

NAPLES, TOWN OF

CID 230050 MNUSS Summary

MNUSS NeedID 100000000010161

Date of Need: 8/4/1997

Panel: 2300500005B

Need Desc: Add streets to panel

Length: 0 **mi**

Anticipated BFE Change: Not Applicable

Location of Floodplain:

Need Notes:

SPO Comments: DFIRM process will address

MNUSS NeedID 100000000010161

Date of Need: 8/4/1997

Panel: 2300500008B

Need Desc: Add streets to panel

Length: 0 **mi**

Anticipated BFE Change: Not Applicable

Location of Floodplain:

Need Notes:

SPO Comments: DFIRM process will address

EXISTING MNUSS ENTRIES FOR CUMBERLAND COUNTY

NAPLES, TOWN OF

CID 230050 MNUSS Summary

MNUSS NeedID 100000000010161

Date of Need: 8/4/1997

Panel: 2300500015B

Need Desc: Add streets to panel

Length: 0 **mi**

Anticipated BFE Change: Not Applicable

Location of Floodplain:

Need Notes:

SPO Comments: DFIRM process will address

MNUSS NeedID 100000000010161

Date of Need: 8/4/1997

Panel: 2300500018B

Need Desc: Add streets to panel

Length: 0 **mi**

Anticipated BFE Change: Not Applicable

Location of Floodplain:

Need Notes:

SPO Comments: DFIRM process will address

EXISTING MNUSS ENTRIES FOR CUMBERLAND COUNTY

NAPLES, TOWN OF

CID 230050 MNUSS Summary

MNUSS NeedID 100000000010161

Date of Need: 8/4/1997

Panel: 2300500016B

Need Desc: Add streets to panel

Length: 0 **mi**

Anticipated BFE Change: Not Applicable

Location of Floodplain:

Need Notes:

SPO Comments: DFIRM process will address

MNUSS NeedID 100000000010119

Date of Need: 4/28/1999

Songo River

Panel: 2300500021B

Need Desc: Changes to floodplain width

Length: 3.6 **mi**

Anticipated BFE Change: Increased By Between 1 and 5 feet

Location of Floodplain:

Need Notes: In 1989, cav noted the need for a complete map revision for the Songo and Crooked River (both share flooding with contiguous community Casco).

SPO Comments: use data from Casco FIS

NAPLES, TOWN OF

CID 230050 MNUSS Summary

MNUSS NeedID 100000000010119 **Date of Need:** 4/28/1999

Songo River

Panel: 2300500021B

Need Desc: Changes to floodplain width **Length:** 3.6 **mi**

Anticipated BFE Change: Increased By Between 1 and 5 feet

Location of Floodplain:

Need Notes: In 1989, cav noted the need for a complete map revision for the Songo and Crooked River (both share flooding with contiguous community Casco).

SPO Comments: use data from Casco FIS

MNUSS NeedID 100000000010119 **Date of Need:** 4/28/1999

Songo River

Panel: 2300500021B

Need Desc: Changes to floodplain width **Length:** 3.6 **mi**

Anticipated BFE Change: Increased By Between 1 and 5 feet

Location of Floodplain:

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SPO Comments: use data from Casco FIS

NAPLES, TOWN OF

CID 230050 MNUSS Summary

MNUSS NeedID 100000000010119 **Date of Need:** 4/28/1999

Songo River

Panel: 2300500018B

Need Desc: Changes to floodplain width **Length:** 3.6 **mi**

Anticipated BFE Change: Increased By Between 1 and 5 feet

Location of Floodplain:

Need Notes: In 1989, cav noted the need for a complete map revision for the Songo and Crooked River (both share flooding with contiguous community Casco).

SPO Comments: use data from Casco FIS

MNUSS NeedID 100000000010119 **Date of Need:** 4/28/1999

Songo River

Panel: 2300500018B

Need Desc: Changes to floodplain width **Length:** 3.6 **mi**

Anticipated BFE Change: Increased By Between 1 and 5 feet

Location of Floodplain:

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SPO Comments: use data from Casco FIS

NAPLES, TOWN OF

CID 230050 MNUSS Summary

MNUSS NeedID 100000000010119 **Date of Need:** 4/28/1999

Songo River

Panel: 2300500018B

Need Desc: Changes to floodplain width **Length:** 3.6 **mi**

Anticipated BFE Change: Increased By Between 1 and 5 feet

Location of Floodplain:

Need Notes: In 1989, cav noted the need for a complete map revision for the Songo and Crooked River (both share flooding with contiguous community Casco).

SPO Comments: use data from Casco FIS

MNUSS NeedID 100000000010119 **Date of Need:** 4/28/1999

Songo River

Panel: 2300500016B

Need Desc: Changes to floodplain width **Length:** 3.6 **mi**

Anticipated BFE Change: Increased By Between 1 and 5 feet

Location of Floodplain:

Need Notes: In 1989, cav noted the need for a complete map revision for the Songo and Crooked River (both share flooding with contiguous community Casco).

SPO Comments: use data from Casco FIS

NAPLES, TOWN OF

CID 230050 MNUSS Summary

MNUSS NeedID 100000000010119 **Date of Need:** 4/28/1999

Songo River

Panel: 2300500006B

Need Desc: Changes to floodplain width **Length:** 3.6 **mi**

Anticipated BFE Change: Increased By Between 1 and 5 feet

Location of Floodplain:

Need Notes: In 1989, cav noted the need for a complete map revision for the Songo and Crooked River (both share flooding with contiguous community Casco).

SPO Comments: use data from Casco FIS

MNUSS NeedID 100000000010119 **Date of Need:** 4/28/1999

Songo River

Panel: 2300500016B

Need Desc: Changes to floodplain width **Length:** 3.6 **mi**

Anticipated BFE Change: Increased By Between 1 and 5 feet

Location of Floodplain:

Need Notes: In 1989, cav noted the need for a complete map revision for the Songo and Crooked River (both share flooding with contiguous community Casco).

SPO Comments: use data from Casco FIS

NAPLES, TOWN OF

CID 230050 MNUSS Summary

MNUSS NeedID 100000000010119 **Date of Need:** 4/28/1999

Songo River

Panel: 2300500016B

Need Desc: Changes to floodplain width **Length:** 3.6 **mi**

Anticipated BFE Change: Increased By Between 1 and 5 feet

Location of Floodplain:

Need Notes: In 1989, cav noted the need for a complete map revision for the Songo and Crooked River (both share flooding with contiguous community Casco).

SPO Comments: use data from Casco FIS

MNUSS NeedID 100000000010119 **Date of Need:** 4/28/1999

Songo River

Panel: 2300500005B

Need Desc: Changes to floodplain width **Length:** 3.6 **mi**

Anticipated BFE Change: Increased By Between 1 and 5 feet

Location of Floodplain:

Need Notes: In 1989, cav noted the need for a complete map revision for the Songo and Crooked River (both share flooding with contiguous community Casco).

SPO Comments: use data from Casco FIS

EXISTING MNUSS ENTRIES FOR CUMBERLAND COUNTY

NAPLES, TOWN OF

CID 230050 MNUSS Summary

MNUSS NeedID 100000000010119 **Date of Need:** 4/28/1999

Songo River

Panel: 2300500005B

Need Desc: Changes to floodplain width **Length:** 3.6 **mi**

Anticipated BFE Change: Increased By Between 1 and 5 feet

Location of Floodplain:

Need Notes: In 1989, cav noted the need for a complete map revision for the Songo and Crooked River (both share flooding with contiguous community Casco).

SPO Comments: use data from Casco FIS

MNUSS NeedID 100000000010119 **Date of Need:** 4/28/1999

Songo River

Panel: 2300500005B

Need Desc: Changes to floodplain width **Length:** 3.6 **mi**

Anticipated BFE Change: Increased By Between 1 and 5 feet

Location of Floodplain:

Need Notes: In 1989, cav noted the need for a complete map revision for the Songo and Crooked River (both share flooding with contiguous community Casco).

SPO Comments: use data from Casco FIS

NAPLES, TOWN OF

CID 230050 MNUSS Summary

MNUSS NeedID 100000000010119 **Date of Need:** 4/28/1999

Songo River

Panel: 2300500006B

Need Desc: Changes to floodplain width **Length:** 3.6 **mi**

Anticipated BFE Change: Increased By Between 1 and 5 feet

Location of Floodplain:

Need Notes: In 1989, cav noted the need for a complete map revision for the Songo and Crooked River (both share flooding with contiguous community Casco).

SPO Comments: use data from Casco FIS

MNUSS NeedID 100000000010119 **Date of Need:** 4/28/1999

Songo River

Panel: 2300500008B

Need Desc: Changes to floodplain width **Length:** 3.6 **mi**

Anticipated BFE Change: Increased By Between 1 and 5 feet

Location of Floodplain:

Need Notes: In 1989, cav noted the need for a complete map revision for the Songo and Crooked River (both share flooding with contiguous community Casco).

SPO Comments: use data from Casco FIS

NAPLES, TOWN OF

CID 230050 MNUSS Summary

MNUSS NeedID 100000000010119 **Date of Need:** 4/28/1999

Songo River

Panel: 2300500008B

Need Desc: Changes to floodplain width **Length:** 3.6 **mi**

Anticipated BFE Change: Increased By Between 1 and 5 feet

Location of Floodplain:

Need Notes: In 1989, cav noted the need for a complete map revision for the Songo and Crooked River (both share flooding with contiguous community Casco).

SPO Comments: use data from Casco FIS

MNUSS NeedID 100000000010119 **Date of Need:** 4/28/1999

Songo River

Panel: 2300500008B

Need Desc: Changes to floodplain width **Length:** 3.6 **mi**

Anticipated BFE Change: Increased By Between 1 and 5 feet

Location of Floodplain:

Need Notes: In 1989, cav noted the need for a complete map revision for the Songo and Crooked River (both share flooding with contiguous community Casco).

SPO Comments: use data from Casco FIS

NAPLES, TOWN OF

CID 230050 MNUSS Summary

MNUSS NeedID 100000000010119 **Date of Need:** 4/28/1999

Songo River

Panel: 2300500015B

Need Desc: Changes to floodplain width **Length:** 3.6 **mi**

Anticipated BFE Change: Increased By Between 1 and 5 feet

Location of Floodplain:

Need Notes: In 1989, cav noted the need for a complete map revision for the Songo and Crooked River (both share flooding with contiguous community Casco).

SPO Comments: use data from Casco FIS

MNUSS NeedID 100000000010119 **Date of Need:** 4/28/1999

Songo River

Panel: 2300500015B

Need Desc: Changes to floodplain width **Length:** 3.6 **mi**

Anticipated BFE Change: Increased By Between 1 and 5 feet

Location of Floodplain:

Need Notes: In 1989, cav noted the need for a complete map revision for the Songo and Crooked River (both share flooding with contiguous community Casco).

SPO Comments: use data from Casco FIS

NAPLES, TOWN OF

CID 230050 MNUSS Summary

MNUSS NeedID 100000000010119 **Date of Need:** 4/28/1999

Songo River

Panel: 2300500015B

Need Desc: Changes to floodplain width **Length:** 3.6 **mi**

Anticipated BFE Change: Increased By Between 1 and 5 feet

Location of Floodplain:

Need Notes: In 1989, cav noted the need for a complete map revision for the Songo and Crooked River (both share flooding with contiguous community Casco).

SPO Comments: use data from Casco FIS

MNUSS NeedID 100000000010119 **Date of Need:** 4/28/1999

Songo River

Panel: 2300500006B

Need Desc: Changes to floodplain width **Length:** 3.6 **mi**

Anticipated BFE Change: Increased By Between 1 and 5 feet

Location of Floodplain:

Need Notes: In 1989, cav noted the need for a complete map revision for the Songo and Crooked River (both share flooding with contiguous community Casco).

SPO Comments: use data from Casco FIS

EXISTING MNUSS ENTRIES FOR CUMBERLAND COUNTY

NORTH YARMOUTH, TOWN OF

CID 230202 MNUSS Summary

MNUSS NeedID 100000000010223 **Date of Need:** 11/6/1997

Panel: 2302020005B

Need Desc: Align map panels **Length:** 0 **mi**

Anticipated BFE Change: Not Applicable

Location of Floodplain:

Need Notes: UPDATE TO MAP INITIATIVES FORMAT

SPO Comments: DFIRM process will address

MNUSS NeedID 100000000010223 **Date of Need:** 11/6/1997

Panel: 2302020010B

Need Desc: Align map panels **Length:** 0 **mi**

Anticipated BFE Change: Not Applicable

Location of Floodplain:

Need Notes: UPDATE TO MAP INITIATIVES FORMAT

SPO Comments: DFIRM process will address

EXISTING MNUSS ENTRIES FOR CUMBERLAND COUNTY

NORTH YARMOUTH, TOWN OF

CID 230202 MNUSS Summary

MNUSS NeedID 100000000010223 **Date of Need:** 11/6/1997

Panel: 2302020010B

Need Desc: Align map panels **Length:** 0 **mi**

Anticipated BFE Change: Not Applicable

Location of Floodplain:

Need Notes: UPDATE TO MAP INITIATIVES FORMAT

SPO Comments: DFIRM process will address

MNUSS NeedID 100000000010223 **Date of Need:** 11/6/1997

Panel: 2302020005B

Need Desc: Align map panels **Length:** 0 **mi**

Anticipated BFE Change: Not Applicable

Location of Floodplain:

Need Notes: UPDATE TO MAP INITIATIVES FORMAT

SPO Comments: DFIRM process will address

EXISTING MNUSS ENTRIES FOR CUMBERLAND COUNTY

NORTH YARMOUTH, TOWN OF

CID 230202 MNUSS Summary

MNUSS NeedID 100000000010223 **Date of Need:** 11/6/1997

Panel: 2302020005B

Need Desc: Align map panels **Length:** 0 **mi**

Anticipated BFE Change: Not Applicable

Location of Floodplain:

Need Notes: UPDATE TO MAP INITIATIVES FORMAT

SPO Comments: DFIRM process will address

MNUSS NeedID 100000000010223 **Date of Need:** 11/6/1997

Panel: 2302020010B

Need Desc: Align map panels **Length:** 0 **mi**

Anticipated BFE Change: Not Applicable

Location of Floodplain:

Need Notes: UPDATE TO MAP INITIATIVES FORMAT

SPO Comments: DFIRM process will address

EXISTING MNUSS ENTRIES FOR CUMBERLAND COUNTY

PORTLAND, CITY OF

CID 230051 MNUSS Summary

MNUSS NeedID 100000000010137 **Date of Need:** 4/26/1999

Casco Bay

Panel: 2300510008B

Need Desc: Changes to coastal elevations **Length:** 15.4 **mi**

Anticipated BFE Change: Increased By Greater Than 5 feet

Location of Floodplain:

Need Notes: Run up BFEs are too high, ranging from 11 to 28 feet, while the stillwater elevation is 9.5 feet. This is because the runup elevations were determined using Stone and Webster methodology. Runup needs to be computed using current methodology which will lower BFE's more than 5 feet.

SPO Comments: column K & O contradict

MNUSS NeedID 100000000010137 **Date of Need:** 4/26/1999

Casco Bay

Panel: 2300510011C

Need Desc: Changes to coastal elevations **Length:** 15.4 **mi**

Anticipated BFE Change: Increased By Greater Than 5 feet

Location of Floodplain:

Need Notes: Run up BFEs are too high, ranging from 11 to 28 feet, while the stillwater elevation is 9.5 feet. This is because the runup elevations were determined using Stone and Webster methodology. Runup needs to be computed using current methodology which will l

SPO Comments: column K & O contradict

EXISTING MNUSS ENTRIES FOR CUMBERLAND COUNTY

PORTLAND, CITY OF

CID 230051 MNUSS Summary

MNUSS NeedID 100000000010137 **Date of Need:** 4/26/1999

Casco Bay

Panel: 2300510010B

Need Desc: Changes to coastal elevations **Length:** 15.4 **mi**

Anticipated BFE Change: Increased By Greater Than 5 feet

Location of Floodplain:

Need Notes: Run up BFEs are too high, ranging from 11 to 28 feet, while the stillwater elevation is 9.5 feet. This is because the runup elevations were determined using Stone and Webster methodology. Runup needs to be computed using current methodology which will lower BFE's more than 5 feet.

SPO Comments: column K & O contradict

MNUSS NeedID 100000000010137 **Date of Need:** 4/26/1999

Casco Bay

Panel: 2300510010B

Need Desc: Changes to coastal elevations **Length:** 15.4 **mi**

Anticipated BFE Change: Increased By Greater Than 5 feet

Location of Floodplain:

Need Notes: Run up BFEs are too high, ranging from 11 to 28 feet, while the stillwater elevation is 9.5 feet. This is because the runup elevations were determined using Stone and Webster methodology. Runup needs to be computed using current methodology which will l

SPO Comments: column K & O contradict

EXISTING MNUSS ENTRIES FOR CUMBERLAND COUNTY

PORTLAND, CITY OF

CID 230051 MNUSS Summary

MNUSS NeedID 100000000010137 **Date of Need:** 4/26/1999

Casco Bay

Panel: 2300510009B

Need Desc: Changes to coastal elevations **Length:** 15.4 **mi**

Anticipated BFE Change: Increased By Greater Than 5 feet

Location of Floodplain:

Need Notes: Run up BFEs are too high, ranging from 11 to 28 feet, while the stillwater elevation is 9.5 feet. This is because the runup elevations were determined using Stone and Webster methodology. Runup needs to be computed using current methodology which will lower BFE's more than 5 feet.

SPO Comments: column K & O contradict

MNUSS NeedID 100000000010137 **Date of Need:** 4/26/1999

Casco Bay

Panel: 2300510009B

Need Desc: Changes to coastal elevations **Length:** 15.4 **mi**

Anticipated BFE Change: Increased By Greater Than 5 feet

Location of Floodplain:

Need Notes: Run up BFEs are too high, ranging from 11 to 28 feet, while the stillwater elevation is 9.5 feet. This is because the runup elevations were determined using Stone and Webster methodology. Runup needs to be computed using current methodology which will lower BFE's more than 5 feet.

SPO Comments: column K & O contradict

PORTLAND, CITY OF

CID 230051 MNUSS Summary

MNUSS NeedID 100000000010137 **Date of Need:** 4/26/1999

Casco Bay

Panel: 2300510009B

Need Desc: Changes to coastal elevations **Length:** 15.4 **mi**

Anticipated BFE Change: Increased By Greater Than 5 feet

Location of Floodplain:

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MNUSS NeedID 100000000010137 **Date of Need:** 4/26/1999

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Need Desc: Changes to coastal elevations **Length:** 15.4 **mi**

Anticipated BFE Change: Increased By Greater Than 5 feet

Location of Floodplain:

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SPO Comments: column K & O contradict

PORTLAND, CITY OF

CID 230051 MNUSS Summary

MNUSS NeedID 100000000010137 **Date of Need:** 4/26/1999

Casco Bay

Panel: 2300510010B

Need Desc: Changes to coastal elevations **Length:** 15.4 **mi**

Anticipated BFE Change: Increased By Greater Than 5 feet

Location of Floodplain:

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SPO Comments: column K & O contradict

MNUSS NeedID 100000000010137 **Date of Need:** 4/26/1999

Casco Bay

Panel: 2300510008B

Need Desc: Changes to coastal elevations **Length:** 15.4 **mi**

Anticipated BFE Change: Increased By Greater Than 5 feet

Location of Floodplain:

Need Notes: Run up BFEs are too high, ranging from 11 to 28 feet, while the stillwater elevation is 9.5 feet. This is because the runup elevations were determined using Stone and Webster methodology. Runup needs to be computed using current methodology which will l

SPO Comments: column K & O contradict

EXISTING MNUSS ENTRIES FOR CUMBERLAND COUNTY

PORTLAND, CITY OF

CID 230051 MNUSS Summary

MNUSS NeedID 100000000010137 **Date of Need:** 4/26/1999

Casco Bay **Panel:** 2300510005C

Need Desc: Changes to coastal elevations **Length:** 15.4 **mi**

Anticipated BFE Change: Increased By Greater Than 5 feet

Location of Floodplain:

Need Notes: Run up BFEs are too high, ranging from 11 to 28 feet, while the stillwater elevation is 9.5 feet. This is because the runup elevations were determined using Stone and Webster methodology. Runup needs to be computed using current methodology which will lower BFE's more than 5 feet.

SPO Comments: column K & O contradict

MNUSS NeedID 100000000010137 **Date of Need:** 4/26/1999

Casco Bay **Panel:** 2300510005C

Need Desc: Changes to coastal elevations **Length:** 15.4 **mi**

Anticipated BFE Change: Increased By Greater Than 5 feet

Location of Floodplain:

Need Notes: Run up BFEs are too high, ranging from 11 to 28 feet, while the stillwater elevation is 9.5 feet. This is because the runup elevations were determined using Stone and Webster methodology. Runup needs to be computed using current methodology which will lower BFE's more than 5 feet.

SPO Comments: column K & O contradict

EXISTING MNUSS ENTRIES FOR CUMBERLAND COUNTY

PORTLAND, CITY OF

CID 230051 MNUSS Summary

MNUSS NeedID 100000000010137 **Date of Need:** 4/26/1999

Casco Bay **Panel:** 2300510005C

Need Desc: Changes to coastal elevations **Length:** 15.4 **mi**

Anticipated BFE Change: Increased By Greater Than 5 feet

Location of Floodplain:

Need Notes: Run up BFEs are too high, ranging from 11 to 28 feet, while the stillwater elevation is 9.5 feet. This is because the runup elevations were determined using Stone and Webster methodology. Runup needs to be computed using current methodology which will l

SPO Comments: column K & O contradict

MNUSS NeedID 100000000010137 **Date of Need:** 4/26/1999

Casco Bay **Panel:** 2300510004B

Need Desc: Changes to coastal elevations **Length:** 15.4 **mi**

Anticipated BFE Change: Increased By Greater Than 5 feet

Location of Floodplain:

Need Notes: Run up BFEs are too high, ranging from 11 to 28 feet, while the stillwater elevation is 9.5 feet. This is because the runup elevations were determined using Stone and Webster methodology. Runup needs to be computed using current methodology which will lower BFE's more than 5 feet.

SPO Comments: column K & O contradict

EXISTING MNUSS ENTRIES FOR CUMBERLAND COUNTY

PORTLAND, CITY OF

CID 230051 MNUSS Summary

MNUSS NeedID 100000000010137 **Date of Need:** 4/26/1999

Casco Bay **Panel:** 2300510004B

Need Desc: Changes to coastal elevations **Length:** 15.4 **mi**

Anticipated BFE Change: Increased By Greater Than 5 feet

Location of Floodplain:

Need Notes: Run up BFEs are too high, ranging from 11 to 28 feet, while the stillwater elevation is 9.5 feet. This is because the runup elevations were determined using Stone and Webster methodology. Runup needs to be computed using current methodology which will lower BFE's more than 5 feet.

SPO Comments: column K & O contradict

MNUSS NeedID 100000000010137 **Date of Need:** 4/26/1999

Casco Bay **Panel:** 2300510004B

Need Desc: Changes to coastal elevations **Length:** 15.4 **mi**

Anticipated BFE Change: Increased By Greater Than 5 feet

Location of Floodplain:

Need Notes: Run up BFEs are too high, ranging from 11 to 28 feet, while the stillwater elevation is 9.5 feet. This is because the runup elevations were determined using Stone and Webster methodology. Runup needs to be computed using current methodology which will l

SPO Comments: column K & O contradict

EXISTING MNUSS ENTRIES FOR CUMBERLAND COUNTY

PORTLAND, CITY OF

CID 230051 MNUSS Summary

MNUSS NeedID 100000000010137 **Date of Need:** 4/26/1999

Casco Bay

Panel: 2300510003B

Need Desc: Changes to coastal elevations **Length:** 15.4 **mi**

Anticipated BFE Change: Increased By Greater Than 5 feet

Location of Floodplain:

Need Notes: Run up BFEs are too high, ranging from 11 to 28 feet, while the stillwater elevation is 9.5 feet. This is because the runup elevations were determined using Stone and Webster methodology. Runup needs to be computed using current methodology which will lower BFE's more than 5 feet.

SPO Comments: column K & O contradict

MNUSS NeedID 100000000010137 **Date of Need:** 4/26/1999

Casco Bay

Panel: 2300510003B

Need Desc: Changes to coastal elevations **Length:** 15.4 **mi**

Anticipated BFE Change: Increased By Greater Than 5 feet

Location of Floodplain:

Need Notes: Run up BFEs are too high, ranging from 11 to 28 feet, while the stillwater elevation is 9.5 feet. This is because the runup elevations were determined using Stone and Webster methodology. Runup needs to be computed using current methodology which will l

SPO Comments: column K & O contradict

EXISTING MNUSS ENTRIES FOR CUMBERLAND COUNTY

PORTLAND, CITY OF

CID 230051 MNUSS Summary

MNUSS NeedID 100000000010137 **Date of Need:** 4/26/1999

Casco Bay

Panel: 2300510014B

Need Desc: Changes to coastal elevations **Length:** 15.4 **mi**

Anticipated BFE Change: Increased By Greater Than 5 feet

Location of Floodplain:

Need Notes: Run up BFEs are too high, ranging from 11 to 28 feet, while the stillwater elevation is 9.5 feet. This is because the runup elevations were determined using Stone and Webster methodology. Runup needs to be computed using current methodology which will lower BFE's more than 5 feet.

SPO Comments: column K & O contradict

MNUSS NeedID 100000000010137 **Date of Need:** 4/26/1999

Casco Bay

Panel: 2300510003B

Need Desc: Changes to coastal elevations **Length:** 15.4 **mi**

Anticipated BFE Change: Increased By Greater Than 5 feet

Location of Floodplain:

Need Notes: Run up BFEs are too high, ranging from 11 to 28 feet, while the stillwater elevation is 9.5 feet. This is because the runup elevations were determined using Stone and Webster methodology. Runup needs to be computed using current methodology which will lower BFE's more than 5 feet.

SPO Comments: column K & O contradict

PORTLAND, CITY OF

CID 230051 MNUSS Summary

MNUSS NeedID 100000000010137 **Date of Need:** 4/26/1999

Casco Bay

Panel: 2300510011C

Need Desc: Changes to coastal elevations **Length:** 15.4 **mi**

Anticipated BFE Change: Increased By Greater Than 5 feet

Location of Floodplain:

Need Notes: Run up BFEs are too high, ranging from 11 to 28 feet, while the stillwater elevation is 9.5 feet. This is because the runup elevations were determined using Stone and Webster methodology. Runup needs to be computed using current methodology which will lower BFE's more than 5 feet.

SPO Comments: column K & O contradict

MNUSS NeedID 100000000010137 **Date of Need:** 4/26/1999

Casco Bay

Panel: 2300510011C

Need Desc: Changes to coastal elevations **Length:** 15.4 **mi**

Anticipated BFE Change: Increased By Greater Than 5 feet

Location of Floodplain:

Need Notes: Run up BFEs are too high, ranging from 11 to 28 feet, while the stillwater elevation is 9.5 feet. This is because the runup elevations were determined using Stone and Webster methodology. Runup needs to be computed using current methodology which will lower BFE's more than 5 feet.

SPO Comments: column K & O contradict

EXISTING MNUSS ENTRIES FOR CUMBERLAND COUNTY

PORTLAND, CITY OF

CID 230051 MNUSS Summary

MNUSS NeedID 100000000010137 **Date of Need:** 4/26/1999

Casco Bay

Panel: 2300510014B

Need Desc: Changes to coastal elevations **Length:** 15.4 **mi**

Anticipated BFE Change: Increased By Greater Than 5 feet

Location of Floodplain:

Need Notes: Run up BFEs are too high, ranging from 11 to 28 feet, while the stillwater elevation is 9.5 feet. This is because the runup elevations were determined using Stone and Webster methodology. Runup needs to be computed using current methodology which will lower BFE's more than 5 feet.

SPO Comments: column K & O contradict

MNUSS NeedID 100000000010137 **Date of Need:** 4/26/1999

Casco Bay

Panel: 2300510014B

Need Desc: Changes to coastal elevations **Length:** 15.4 **mi**

Anticipated BFE Change: Increased By Greater Than 5 feet

Location of Floodplain:

Need Notes: Run up BFEs are too high, ranging from 11 to 28 feet, while the stillwater elevation is 9.5 feet. This is because the runup elevations were determined using Stone and Webster methodology. Runup needs to be computed using current methodology which will l

SPO Comments: column K & O contradict

EXISTING MNUSS ENTRIES FOR CUMBERLAND COUNTY

PORTLAND, CITY OF

CID 230051 MNUSS Summary

MNUSS NeedID 100000000010137 **Date of Need:** 4/26/1999

Casco Bay **Panel:** 2300510015B

Need Desc: Changes to coastal elevations **Length:** 15.4 **mi**

Anticipated BFE Change: Increased By Greater Than 5 feet

Location of Floodplain:

Need Notes: Run up BFEs are too high, ranging from 11 to 28 feet, while the stillwater elevation is 9.5 feet. This is because the runup elevations were determined using Stone and Webster methodology. Runup needs to be computed using current methodology which will l

SPO Comments: column K & O contradict

MNUSS NeedID 100000000010137 **Date of Need:** 4/26/1999

Casco Bay **Panel:** 2300510015B

Need Desc: Changes to coastal elevations **Length:** 15.4 **mi**

Anticipated BFE Change: Increased By Greater Than 5 feet

Location of Floodplain:

Need Notes: Run up BFEs are too high, ranging from 11 to 28 feet, while the stillwater elevation is 9.5 feet. This is because the runup elevations were determined using Stone and Webster methodology. Runup needs to be computed using current methodology which will lower BFE's more than 5 feet.

SPO Comments: column K & O contradict

EXISTING MNUSS ENTRIES FOR CUMBERLAND COUNTY

PORTLAND, CITY OF

CID 230051 MNUSS Summary

MNUSS NeedID 100000000010137 **Date of Need:** 4/26/1999

Casco Bay

Panel: 2300510015B

Need Desc: Changes to coastal elevations **Length:** 15.4 **mi**

Anticipated BFE Change: Increased By Greater Than 5 feet

Location of Floodplain:

Need Notes: Run up BFEs are too high, ranging from 11 to 28 feet, while the stillwater elevation is 9.5 feet. This is because the runup elevations were determined using Stone and Webster methodology. Runup needs to be computed using current methodology which will lower BFE's more than 5 feet.

SPO Comments: column K & O contradict

MNUSS NeedID 100000000010137 **Date of Need:** 4/26/1999

Casco Bay

Panel: 2300510017B

Need Desc: Changes to coastal elevations **Length:** 15.4 **mi**

Anticipated BFE Change: Increased By Greater Than 5 feet

Location of Floodplain:

Need Notes: Run up BFEs are too high, ranging from 11 to 28 feet, while the stillwater elevation is 9.5 feet. This is because the runup elevations were determined using Stone and Webster methodology. Runup needs to be computed using current methodology which will l

SPO Comments: column K & O contradict

EXISTING MNUSS ENTRIES FOR CUMBERLAND COUNTY

PORTLAND, CITY OF

CID 230051 MNUSS Summary

MNUSS NeedID 100000000010137 **Date of Need:** 4/26/1999

Casco Bay

Panel: 2300510017B

Need Desc: Changes to coastal elevations **Length:** 15.4 **mi**

Anticipated BFE Change: Increased By Greater Than 5 feet

Location of Floodplain:

Need Notes: Run up BFEs are too high, ranging from 11 to 28 feet, while the stillwater elevation is 9.5 feet. This is because the runup elevations were determined using Stone and Webster methodology. Runup needs to be computed using current methodology which will lower BFE's more than 5 feet.

SPO Comments: column K & O contradict

MNUSS NeedID 100000000010137 **Date of Need:** 4/26/1999

Casco Bay

Panel: 2300510017B

Need Desc: Changes to coastal elevations **Length:** 15.4 **mi**

Anticipated BFE Change: Increased By Greater Than 5 feet

Location of Floodplain:

Need Notes: Run up BFEs are too high, ranging from 11 to 28 feet, while the stillwater elevation is 9.5 feet. This is because the runup elevations were determined using Stone and Webster methodology. Runup needs to be computed using current methodology which will lower BFE's more than 5 feet.

SPO Comments: column K & O contradict

EXISTING MNUSS ENTRIES FOR CUMBERLAND COUNTY

RAYMOND, TOWN OF

CID 230205 MNUSS Summary

MNUSS NeedID 100000000010273 **Date of Need:** 12/8/1997

RAYMOND POND

Panel: 2302050010B

Need Desc: Changes to floodplain width **Length:** 1.7 **mi**

Anticipated BFE Change: Increased By Greater Than 5 feet

Location of Floodplain:

Need Notes:

SPO Comments: restudy in process

MNUSS NeedID 100000000010272 **Date of Need:** 12/8/1997

Panel: 2302050020B

Need Desc: Add LOMCs (per panel) **Length:** 0 **mi**

Anticipated BFE Change: Not Applicable

Location of Floodplain:

Need Notes:

SPO Comments: DFIRM process will address

EXISTING MNUSS ENTRIES FOR CUMBERLAND COUNTY

RAYMOND, TOWN OF

CID 230205 MNUSS Summary

MNUSS NeedID 100000000010271 **Date of Need:** 12/8/1997

Panel: 2302050010B

Need Desc: Add streets to panel **Length:** 0 **mi**

Anticipated BFE Change: Not Applicable

Location of Floodplain:

Need Notes:

SPO Comments: DFIRM process will address

MNUSS NeedID 100000000010271 **Date of Need:** 12/8/1997

Panel: 2302050015B

Need Desc: Add streets to panel **Length:** 0 **mi**

Anticipated BFE Change: Not Applicable

Location of Floodplain:

Need Notes:

SPO Comments: DFIRM process will address

EXISTING MNUSS ENTRIES FOR CUMBERLAND COUNTY

SCARBOROUGH, TOWN OF

CID 230052 MNUSS Summary

MNUSS NeedID 100000000010280 **Date of Need:** 12/9/1997

Atlantic Ocean

Panel: 2300520022D

Need Desc: Changes to coastal elevations **Length:** 4.8 **mi**

Anticipated BFE Change: Decreased By Between 1 and 5 feet

Location of Floodplain:

Need Notes: PANEL 24 IS THE ONLY PANEL UPDATED IN '92, FOR COASTAL BARRIERS ONLY. tHE REMAINING 7 PANELS ARE STILL 6/19/85. COMMUNITY REQUESTS REVISION BASED ON CURRENT METHODOLOGIES.

SPO Comments: valid

MNUSS NeedID 100000000010280 **Date of Need:** 12/9/1997

Atlantic Ocean

Panel: 2300520010D

Need Desc: Changes to coastal elevations **Length:** 4.8 **mi**

Anticipated BFE Change: Decreased By Between 1 and 5 feet

Location of Floodplain:

Need Notes: PANEL 24 IS THE ONLY PANEL UPDATED IN '92, FOR COASTAL BARRIERS ONLY. tHE REMAINING 7 PANELS ARE STILL 6/19/85. COMMUNITY REQUESTS REVISION BASED ON CURRENT METHODOLOGIES.

SPO Comments: valid

EXISTING MNUSS ENTRIES FOR CUMBERLAND COUNTY

SCARBOROUGH, TOWN OF

CID 230052 MNUSS Summary

MNUSS NeedID 100000000010280 **Date of Need:** 12/9/1997

Atlantic Ocean

Panel: 2300520015D

Need Desc: Changes to coastal elevations **Length:** 4.8 **mi**

Anticipated BFE Change: Decreased By Between 1 and 5 feet

Location of Floodplain:

Need Notes: PANEL 24 IS THE ONLY PANEL UPDATED IN '92, FOR COASTAL BARRIERS ONLY. tHE REMAINING 7 PANELS ARE STILL 6/19/85. COMMUNITY REQUESTS REVISION BASED ON CURRENT METHODOLOGIES.

SPO Comments: valid

MNUSS NeedID 100000000010280 **Date of Need:** 12/9/1997

Atlantic Ocean

Panel: 2300520015D

Need Desc: Changes to coastal elevations **Length:** 4.8 **mi**

Anticipated BFE Change: Decreased By Between 1 and 5 feet

Location of Floodplain:

Need Notes: PANEL 24 IS THE ONLY PANEL UPDATED IN '92, FOR COASTAL BARRIERS ONLY. tHE REMAINING 7 PANELS ARE STILL 6/19/85. COMMUNITY REQUESTS REVISION BASED ON CURRENT METHODOLOGIES.

SPO Comments: valid

EXISTING MNUSS ENTRIES FOR CUMBERLAND COUNTY

SCARBOROUGH, TOWN OF

CID 230052 MNUSS Summary

MNUSS NeedID 100000000010280 **Date of Need:** 12/9/1997

Atlantic Ocean

Panel: 2300520020D

Need Desc: Changes to coastal elevations **Length:** 4.8 **mi**

Anticipated BFE Change: Decreased By Between 1 and 5 feet

Location of Floodplain:

Need Notes: PANEL 24 IS THE ONLY PANEL UPDATED IN '92, FOR COASTAL BARRIERS ONLY. tHE REMAINING 7 PANELS ARE STILL 6/19/85. COMMUNITY REQUESTS REVISION BASED ON CURRENT METHODOLOGIES.

SPO Comments: valid

MNUSS NeedID 100000000010280 **Date of Need:** 12/9/1997

Atlantic Ocean

Panel: 2300520020D

Need Desc: Changes to coastal elevations **Length:** 4.8 **mi**

Anticipated BFE Change: Decreased By Between 1 and 5 feet

Location of Floodplain:

Need Notes: PANEL 24 IS THE ONLY PANEL UPDATED IN '92, FOR COASTAL BARRIERS ONLY. tHE REMAINING 7 PANELS ARE STILL 6/19/85. COMMUNITY REQUESTS REVISION BASED ON CURRENT METHODOLOGIES.

SPO Comments: valid

EXISTING MNUSS ENTRIES FOR CUMBERLAND COUNTY

SCARBOROUGH, TOWN OF

CID 230052 MNUSS Summary

MNUSS NeedID 100000000010280 **Date of Need:** 12/9/1997

Atlantic Ocean

Panel: 2300520024E

Need Desc: Changes to coastal elevations **Length:** 4.8 **mi**

Anticipated BFE Change: Decreased By Between 1 and 5 feet

Location of Floodplain:

Need Notes: PANEL 24 IS THE ONLY PANEL UPDATED IN '92, FOR COASTAL BARRIERS ONLY. tHE REMAINING 7 PANELS ARE STILL 6/19/85. COMMUNITY REQUESTS REVISION BASED ON CURRENT METHODOLOGIES.

SPO Comments: valid

MNUSS NeedID 100000000010280 **Date of Need:** 12/9/1997

Atlantic Ocean

Panel: 2300520021D

Need Desc: Changes to coastal elevations **Length:** 4.8 **mi**

Anticipated BFE Change: Decreased By Between 1 and 5 feet

Location of Floodplain:

Need Notes: PANEL 24 IS THE ONLY PANEL UPDATED IN '92, FOR COASTAL BARRIERS ONLY. tHE REMAINING 7 PANELS ARE STILL 6/19/85. COMMUNITY REQUESTS REVISION BASED ON CURRENT METHODOLOGIES.

SPO Comments: valid

EXISTING MNUSS ENTRIES FOR CUMBERLAND COUNTY

SCARBOROUGH, TOWN OF

CID 230052 MNUSS Summary

MNUSS NeedID 100000000010280 **Date of Need:** 12/9/1997

Atlantic Ocean

Panel: 2300520022D

Need Desc: Changes to coastal elevations **Length:** 4.8 **mi**

Anticipated BFE Change: Decreased By Between 1 and 5 feet

Location of Floodplain:

Need Notes: PANEL 24 IS THE ONLY PANEL UPDATED IN '92, FOR COASTAL BARRIERS ONLY. tHE REMAINING 7 PANELS ARE STILL 6/19/85. COMMUNITY REQUESTS REVISION BASED ON CURRENT METHODOLOGIES.

SPO Comments: valid

MNUSS NeedID 100000000010280 **Date of Need:** 12/9/1997

Atlantic Ocean

Panel: 2300520023D

Need Desc: Changes to coastal elevations **Length:** 4.8 **mi**

Anticipated BFE Change: Decreased By Between 1 and 5 feet

Location of Floodplain:

Need Notes: PANEL 24 IS THE ONLY PANEL UPDATED IN '92, FOR COASTAL BARRIERS ONLY. tHE REMAINING 7 PANELS ARE STILL 6/19/85. COMMUNITY REQUESTS REVISION BASED ON CURRENT METHODOLOGIES.

SPO Comments: valid

EXISTING MNUSS ENTRIES FOR CUMBERLAND COUNTY

SCARBOROUGH, TOWN OF

CID 230052 MNUSS Summary

MNUSS NeedID 100000000010280 **Date of Need:** 12/9/1997

Atlantic Ocean

Panel: 2300520023D

Need Desc: Changes to coastal elevations **Length:** 4.8 **mi**

Anticipated BFE Change: Decreased By Between 1 and 5 feet

Location of Floodplain:

Need Notes: PANEL 24 IS THE ONLY PANEL UPDATED IN '92, FOR COASTAL BARRIERS ONLY. tHE REMAINING 7 PANELS ARE STILL 6/19/85. COMMUNITY REQUESTS REVISION BASED ON CURRENT METHODOLOGIES.

SPO Comments: valid

MNUSS NeedID 100000000010280 **Date of Need:** 12/9/1997

Atlantic Ocean

Panel: 2300520010D

Need Desc: Changes to coastal elevations **Length:** 4.8 **mi**

Anticipated BFE Change: Decreased By Between 1 and 5 feet

Location of Floodplain:

Need Notes: PANEL 24 IS THE ONLY PANEL UPDATED IN '92, FOR COASTAL BARRIERS ONLY. tHE REMAINING 7 PANELS ARE STILL 6/19/85. COMMUNITY REQUESTS REVISION BASED ON CURRENT METHODOLOGIES.

SPO Comments: valid

EXISTING MNUSS ENTRIES FOR CUMBERLAND COUNTY

SCARBOROUGH, TOWN OF

CID 230052 MNUSS Summary

MNUSS NeedID 100000000010279 **Date of Need:** 12/9/1997

Panel: 2300520010D

Need Desc: Add LOMCs (per panel) **Length:** 0 **mi**

Anticipated BFE Change: Not Applicable

Location of Floodplain:

Need Notes:

SPO Comments: DFIRM process will address

MNUSS NeedID 100000000010280 **Date of Need:** 12/9/1997

Atlantic Ocean

Panel: 2300520021D

Need Desc: Changes to coastal elevations **Length:** 4.8 **mi**

Anticipated BFE Change: Decreased By Between 1 and 5 feet

Location of Floodplain:

Need Notes: PANEL 24 IS THE ONLY PANEL UPDATED IN '92, FOR COASTAL BARRIERS ONLY. tHE REMAINING 7 PANELS ARE STILL 6/19/85. COMMUNITY REQUESTS REVISION BASED ON CURRENT METHODOLOGIES.

SPO Comments: valid

EXISTING MNUSS ENTRIES FOR CUMBERLAND COUNTY

SCARBOROUGH, TOWN OF

CID 230052 MNUSS Summary

MNUSS NeedID 100000000010278 **Date of Need:** 12/9/1997

Panel: 2300520022D

Need Desc: Align map panels **Length:** 0 **mi**

Anticipated BFE Change: Not Applicable

Location of Floodplain:

Need Notes:

SPO Comments: DFIRM process will address

MNUSS NeedID 100000000010278 **Date of Need:** 12/9/1997

Panel: 2300520005D

Need Desc: Align map panels **Length:** 0 **mi**

Anticipated BFE Change: Not Applicable

Location of Floodplain:

Need Notes:

SPO Comments: DFIRM process will address

EXISTING MNUSS ENTRIES FOR CUMBERLAND COUNTY

SCARBOROUGH, TOWN OF

CID 230052 MNUSS Summary

MNUSS NeedID 100000000010278 **Date of Need:** 12/9/1997

Panel: 2300520010D

Need Desc: Align map panels **Length:** 0 **mi**

Anticipated BFE Change: Not Applicable

Location of Floodplain:

Need Notes:

SPO Comments: DFIRM process will address

MNUSS NeedID 100000000010278 **Date of Need:** 12/9/1997

Panel: 2300520015D

Need Desc: Align map panels **Length:** 0 **mi**

Anticipated BFE Change: Not Applicable

Location of Floodplain:

Need Notes:

SPO Comments: DFIRM process will address

EXISTING MNUSS ENTRIES FOR CUMBERLAND COUNTY

SCARBOROUGH, TOWN OF

CID 230052 MNUSS Summary

MNUSS NeedID 100000000010279 **Date of Need:** 12/9/1997

Panel: 2300520022D

Need Desc: Add LOMCs (per panel) **Length:** 0 **mi**

Anticipated BFE Change: Not Applicable

Location of Floodplain:

Need Notes:

SPO Comments: DFIRM process will address

MNUSS NeedID 100000000010278 **Date of Need:** 12/9/1997

Panel: 2300520021D

Need Desc: Align map panels **Length:** 0 **mi**

Anticipated BFE Change: Not Applicable

Location of Floodplain:

Need Notes:

SPO Comments: DFIRM process will address

EXISTING MNUSS ENTRIES FOR CUMBERLAND COUNTY

SCARBOROUGH, TOWN OF

CID 230052 MNUSS Summary

MNUSS NeedID 100000000010280 **Date of Need:** 12/9/1997

Atlantic Ocean

Panel: 2300520005D

Need Desc: Changes to coastal elevations **Length:** 4.8 **mi**

Anticipated BFE Change: Decreased By Between 1 and 5 feet

Location of Floodplain:

Need Notes: PANEL 24 IS THE ONLY PANEL UPDATED IN '92, FOR COASTAL BARRIERS ONLY. tHE REMAINING 7 PANELS ARE STILL 6/19/85. COMMUNITY REQUESTS REVISION BASED ON CURRENT METHODOLOGIES.

SPO Comments: valid

MNUSS NeedID 100000000010278 **Date of Need:** 12/9/1997

Panel: 2300520023D

Need Desc: Align map panels **Length:** 0 **mi**

Anticipated BFE Change: Not Applicable

Location of Floodplain:

Need Notes:

SPO Comments: DFIRM process will address

EXISTING MNUSS ENTRIES FOR CUMBERLAND COUNTY

SCARBOROUGH, TOWN OF

CID 230052 MNUSS Summary

MNUSS NeedID 100000000010278 **Date of Need:** 12/9/1997

Panel: 2300520024E

Need Desc: Align map panels **Length:** 0 **mi**

Anticipated BFE Change: Not Applicable

Location of Floodplain:

Need Notes:

SPO Comments: DFIRM process will address

MNUSS NeedID 100000000010280 **Date of Need:** 12/9/1997

Atlantic Ocean

Panel: 2300520024E

Need Desc: Changes to coastal elevations **Length:** 4.8 **mi**

Anticipated BFE Change: Decreased By Between 1 and 5 feet

Location of Floodplain:

Need Notes: PANEL 24 IS THE ONLY PANEL UPDATED IN '92, FOR COASTAL BARRIERS ONLY. tHE REMAINING 7 PANELS ARE STILL 6/19/85. COMMUNITY REQUESTS REVISION BASED ON CURRENT METHODOLOGIES.

SPO Comments: valid

EXISTING MNUSS ENTRIES FOR CUMBERLAND COUNTY

SCARBOROUGH, TOWN OF

CID 230052 MNUSS Summary

MNUSS NeedID 100000000010279 **Date of Need:** 12/9/1997

Panel: 2300520021D

Need Desc: Add LOMCs (per panel) **Length:** 0 **mi**

Anticipated BFE Change: Not Applicable

Location of Floodplain:

Need Notes:

SPO Comments: DFIRM process will address

MNUSS NeedID 100000000010279 **Date of Need:** 12/9/1997

Panel: 2300520023D

Need Desc: Add LOMCs (per panel) **Length:** 0 **mi**

Anticipated BFE Change: Not Applicable

Location of Floodplain:

Need Notes:

SPO Comments: DFIRM process will address

EXISTING MNUSS ENTRIES FOR CUMBERLAND COUNTY

SCARBOROUGH, TOWN OF

CID 230052 MNUSS Summary

MNUSS NeedID 100000000010280 **Date of Need:** 12/9/1997

Atlantic Ocean **Panel:** 2300520005D

Need Desc: Changes to coastal elevations **Length:** 4.8 **mi**

Anticipated BFE Change: Decreased By Between 1 and 5 feet

Location of Floodplain:

Need Notes: PANEL 24 IS THE ONLY PANEL UPDATED IN '92, FOR COASTAL BARRIERS ONLY. tHE REMAINING 7 PANELS ARE STILL 6/19/85. COMMUNITY REQUESTS REVISION BASED ON CURRENT METHODOLOGIES.

SPO Comments: valid

MNUSS NeedID 100000000010278 **Date of Need:** 12/9/1997

Panel: 2300520020D

Need Desc: Align map panels **Length:** 0 **mi**

Anticipated BFE Change: Not Applicable

Location of Floodplain:

Need Notes:

SPO Comments: DFIRM process will address

SEBAGO, TOWN OF

CID 230206 MNUSS Summary

MNUSS NeedID 100000000010189 **Date of Need:** 8/4/1997

PEABODY LAKE

Panel: 2302060005B

Need Desc: Changes to hydrologic conditions **Length:** 2.4 **mi**

Anticipated BFE Change: Increased By Greater Than 5 feet

Location of Floodplain:

Need Notes: SOIL CONSERVATION SERVISE DID A STUDY FOR PEABODY LAKE. SEE INFORMATION IN FILE.

SPO Comments: NRCS study

MNUSS NeedID 100000000010189 **Date of Need:** 8/4/1997

PEABODY LAKE

Panel: 2302060015B

Need Desc: Changes to hydrologic conditions **Length:** 2.4 **mi**

Anticipated BFE Change: Increased By Greater Than 5 feet

Location of Floodplain:

Need Notes: SOIL CONSERVATION SERVISE DID A STUDY FOR PEABODY LAKE. SEE INFORMATION IN FILE.

SPO Comments: NRCS study

SEBAGO, TOWN OF

CID 230206 MNUSS Summary

MNUSS NeedID 100000000010189 **Date of Need:** 8/4/1997

PEABODY LAKE

Panel: 2302060015B

Need Desc: Changes to hydrologic conditions **Length:** 2.4 **mi**

Anticipated BFE Change: Increased By Greater Than 5 feet

Location of Floodplain:

Need Notes: SOIL CONSERVATION SERVISE DID A STUDY FOR PEABODY LAKE. SEE INFORMATION IN FILE.

SPO Comments: NRCS study

MNUSS NeedID 100000000010189 **Date of Need:** 8/4/1997

PEABODY LAKE

Panel: 2302060015B

Need Desc: Changes to hydrologic conditions **Length:** 2.4 **mi**

Anticipated BFE Change: Increased By Greater Than 5 feet

Location of Floodplain:

Need Notes: SOIL CONSERVATION SERVISE DID A STUDY FOR PEABODY LAKE. SEE INFORMATION IN FILE.

SPO Comments: NRCS study

SEBAGO, TOWN OF

CID 230206 MNUSS Summary

MNUSS NeedID 100000000010189 **Date of Need:** 8/4/1997

PEABODY LAKE

Panel: 2302060005B

Need Desc: Changes to hydrologic conditions **Length:** 2.4 **mi**

Anticipated BFE Change: Increased By Greater Than 5 feet

Location of Floodplain:

Need Notes: SOIL CONSERVATION SERVISE DID A STUDY FOR PEABODY LAKE. SEE INFORMATION IN FILE.

SPO Comments: NRCS study

MNUSS NeedID 100000000010186 **Date of Need:** 8/4/1997

MARINER POND

Panel: 2302060015B

Need Desc: Changes to BFEs **Length:** 0.5 **mi**

Anticipated BFE Change: Increased By Greater Than 5 feet

Location of Floodplain:

Need Notes: SOIL CONSERVATION SERVICE DID A STUDY FOR MARINER LAKE. SEE FILE FOR INFORMATION.

SPO Comments: NRCS study

SEBAGO, TOWN OF

CID 230206 MNUSS Summary

MNUSS NeedID 100000000010186 **Date of Need:** 8/4/1997

MARINER POND

Panel: 2302060015B

Need Desc: Changes to BFEs **Length:** 0.5 **mi**

Anticipated BFE Change: Increased By Greater Than 5 feet

Location of Floodplain:

Need Notes: SOIL CONSERVATION SERVICE DID A STUDY FOR MARINER LAKE. SEE FILE FOR INFORMATION.

SPO Comments: NRCS study

MNUSS NeedID 100000000010186 **Date of Need:** 8/4/1997

MARINER POND

Panel: 2302060015B

Need Desc: Changes to BFEs **Length:** 0.5 **mi**

Anticipated BFE Change: Increased By Greater Than 5 feet

Location of Floodplain:

Need Notes: SOIL CONSERVATION SERVICE DID A STUDY FOR MARINER LAKE. SEE FILE FOR INFORMATION.

SPO Comments: NRCS study

EXISTING MNUSS ENTRIES FOR CUMBERLAND COUNTY

SEBAGO, TOWN OF

CID 230206 MNUSS Summary

MNUSS NeedID 100000000010189 **Date of Need:** 8/4/1997

PEABODY LAKE

Panel: 2302060005B

Need Desc: Changes to hydrologic conditions **Length:** 2.4 **mi**

Anticipated BFE Change: Increased By Greater Than 5 feet

Location of Floodplain:

Need Notes: SOIL CONSERVATION SERVISE DID A STUDY FOR PEABODY LAKE. SEE INFORMATION IN FILE.

SPO Comments: NRCS study

EXISTING MNUSS ENTRIES FOR CUMBERLAND COUNTY

SOUTH PORTLAND, CITY OF

CID 230053 MNUSS Summary

MNUSS NeedID 100000000010245 **Date of Need:** 11/17/1997

Panel: 2300530005C

Need Desc: Align map panels **Length:** 0 **mi**

Anticipated BFE Change: Not Applicable

Location of Floodplain:

Need Notes:

SPO Comments: DFIRM process will address

MNUSS NeedID 100000000010247 **Date of Need:** 11/17/1997

Coast

Panel: 2300530009D

Need Desc: Changes to hydrologic conditions **Length:** 1.9 **mi**

Anticipated BFE Change: Decreased By Between 1 and 5 feet

Location of Floodplain:

Need Notes:

SPO Comments: valid

EXISTING MNUSS ENTRIES FOR CUMBERLAND COUNTY

SOUTH PORTLAND, CITY OF

CID 230053 MNUSS Summary

MNUSS NeedID 100000000010247 **Date of Need:** 11/17/1997

Coast **Panel:** 2300530008D

Need Desc: Changes to hydrologic conditions **Length:** 1.9 **mi**

Anticipated BFE Change: Decreased By Between 1 and 5 feet

Location of Floodplain:

Need Notes:

SPO Comments: valid

MNUSS NeedID 100000000010247 **Date of Need:** 11/17/1997

Coast **Panel:** 2300530005C

Need Desc: Changes to hydrologic conditions **Length:** 1.9 **mi**

Anticipated BFE Change: Decreased By Between 1 and 5 feet

Location of Floodplain:

Need Notes:

SPO Comments: valid

EXISTING MNUSS ENTRIES FOR CUMBERLAND COUNTY

SOUTH PORTLAND, CITY OF

CID 230053 MNUSS Summary

MNUSS NeedID 100000000010247 **Date of Need:** 11/17/1997

Coast **Panel:** 2300530004C

Need Desc: Changes to hydrologic conditions **Length:** 1.9 **mi**

Anticipated BFE Change: Decreased By Between 1 and 5 feet

Location of Floodplain:

Need Notes:

SPO Comments: valid

MNUSS NeedID 100000000010246 **Date of Need:** 11/17/1997

Panel: 2300530009D

Need Desc: Add LOMCs (per panel) **Length:** 0 **mi**

Anticipated BFE Change: Not Applicable

Location of Floodplain:

Need Notes:

SPO Comments: DFIRM process will address

EXISTING MNUSS ENTRIES FOR CUMBERLAND COUNTY

SOUTH PORTLAND, CITY OF

CID 230053 MNUSS Summary

MNUSS NeedID 100000000010246 **Date of Need:** 11/17/1997

Panel: 2300530008D

Need Desc: Add LOMCs (per panel) **Length:** 0 **mi**

Anticipated BFE Change: Not Applicable

Location of Floodplain:

Need Notes:

SPO Comments: DFIRM process will address

MNUSS NeedID 100000000010245 **Date of Need:** 11/17/1997

Panel: 2300530008D

Need Desc: Align map panels **Length:** 0 **mi**

Anticipated BFE Change: Not Applicable

Location of Floodplain:

Need Notes:

SPO Comments: DFIRM process will address

EXISTING MNUSS ENTRIES FOR CUMBERLAND COUNTY

SOUTH PORTLAND, CITY OF

CID 230053 MNUSS Summary

MNUSS NeedID 100000000010245 **Date of Need:** 11/17/1997

Panel: 2300530004C

Need Desc: Align map panels **Length:** 0 **mi**

Anticipated BFE Change: Not Applicable

Location of Floodplain:

Need Notes:

SPO Comments: DFIRM process will address

MNUSS NeedID 100000000010244 **Date of Need:** 11/17/1997

Panel: 2300530009D

Need Desc: Add an ERM **Length:** 0 **mi**

Anticipated BFE Change: Not Applicable

Location of Floodplain:

Need Notes: ERM'S PROVIDED THROUGH U.S.G.S.

SPO Comments: valid

EXISTING MNUSS ENTRIES FOR CUMBERLAND COUNTY

SOUTH PORTLAND, CITY OF

CID 230053 MNUSS Summary

MNUSS NeedID 100000000010244 **Date of Need:** 11/17/1997

Panel: 2300530005C

Need Desc: Add an ERM **Length:** 0 **mi**

Anticipated BFE Change: Not Applicable

Location of Floodplain:

Need Notes: ERM'S PROVIDED THROUGH U.S.G.S.

SPO Comments: valid

MNUSS NeedID 100000000010245 **Date of Need:** 11/17/1997

Panel: 2300530009D

Need Desc: Align map panels **Length:** 0 **mi**

Anticipated BFE Change: Not Applicable

Location of Floodplain:

Need Notes:

SPO Comments: DFIRM process will address

EXISTING MNUSS ENTRIES FOR CUMBERLAND COUNTY

SOUTH PORTLAND, CITY OF

CID 230053 MNUSS Summary

MNUSS NeedID 100000000010244 **Date of Need:** 11/17/1997

Panel: 2300530009D

Need Desc: Add an ERM **Length:** 0 **mi**

Anticipated BFE Change: Not Applicable

Location of Floodplain:

Need Notes: ERM'S PROVIDED THROUGH U.S.G.S.

SPO Comments: valid

MNUSS NeedID 100000000010244 **Date of Need:** 11/17/1997

Panel: 2300530004C

Need Desc: Add an ERM **Length:** 0 **mi**

Anticipated BFE Change: Not Applicable

Location of Floodplain:

Need Notes: ERM'S PROVIDED THROUGH U.S.G.S.

SPO Comments: valid

EXISTING MNUSS ENTRIES FOR CUMBERLAND COUNTY

SOUTH PORTLAND, CITY OF

CID 230053 MNUSS Summary

MNUSS NeedID 100000000010244 **Date of Need:** 11/17/1997

Panel: 2300530004C

Need Desc: Add an ERM **Length:** 0 **mi**

Anticipated BFE Change: Not Applicable

Location of Floodplain:

Need Notes: ERM'S PROVIDED THROUGH U.S.G.S.

SPO Comments: valid

MNUSS NeedID 100000000010244 **Date of Need:** 11/17/1997

Panel: 2300530005C

Need Desc: Add an ERM **Length:** 0 **mi**

Anticipated BFE Change: Not Applicable

Location of Floodplain:

Need Notes: ERM'S PROVIDED THROUGH U.S.G.S.

SPO Comments: valid

EXISTING MNUSS ENTRIES FOR CUMBERLAND COUNTY

SOUTH PORTLAND, CITY OF

CID 230053 MNUSS Summary

MNUSS NeedID 100000000010244 **Date of Need:** 11/17/1997

Panel: 2300530005C

Need Desc: Add an ERM **Length:** 0 **mi**

Anticipated BFE Change: Not Applicable

Location of Floodplain:

Need Notes: ERM'S PROVIDED THROUGH U.S.G.S.

SPO Comments: valid

MNUSS NeedID 100000000010244 **Date of Need:** 11/17/1997

Panel: 2300530008D

Need Desc: Add an ERM **Length:** 0 **mi**

Anticipated BFE Change: Not Applicable

Location of Floodplain:

Need Notes: ERM'S PROVIDED THROUGH U.S.G.S.

SPO Comments: valid

EXISTING MNUSS ENTRIES FOR CUMBERLAND COUNTY

SOUTH PORTLAND, CITY OF

CID 230053 MNUSS Summary

MNUSS NeedID 100000000010244 **Date of Need:** 11/17/1997

Panel: 2300530008D

Need Desc: Add an ERM **Length:** 0 **mi**

Anticipated BFE Change: Not Applicable

Location of Floodplain:

Need Notes: ERM'S PROVIDED THROUGH U.S.G.S.

SPO Comments: valid

MNUSS NeedID 100000000010244 **Date of Need:** 11/17/1997

Panel: 2300530008D

Need Desc: Add an ERM **Length:** 0 **mi**

Anticipated BFE Change: Not Applicable

Location of Floodplain:

Need Notes: ERM'S PROVIDED THROUGH U.S.G.S.

SPO Comments: valid

EXISTING MNUSS ENTRIES FOR CUMBERLAND COUNTY

SOUTH PORTLAND, CITY OF

CID 230053 MNUSS Summary

MNUSS NeedID 100000000010244 **Date of Need:** 11/17/1997

Panel: 2300530009D

Need Desc: Add an ERM **Length:** 0 **mi**

Anticipated BFE Change: Not Applicable

Location of Floodplain:

Need Notes: ERM'S PROVIDED THROUGH U.S.G.S.

SPO Comments: valid

MNUSS NeedID 100000000010244 **Date of Need:** 11/17/1997

Panel: 2300530004C

Need Desc: Add an ERM **Length:** 0 **mi**

Anticipated BFE Change: Not Applicable

Location of Floodplain:

Need Notes: ERM'S PROVIDED THROUGH U.S.G.S.

SPO Comments: valid

EXISTING MNUSS ENTRIES FOR CUMBERLAND COUNTY

STANDISH, TOWN OF

CID 230207 MNUSS Summary

MNUSS NeedID 100000000010173 **Date of Need:** 8/4/1997

Watchic Pond

Panel: 2302070032B

Need Desc: Changes to BFEs **Length:** 2.21 **mi**

Anticipated BFE Change: Increased By Greater Than 5 feet

Location of Floodplain:

Need Notes:

SPO Comments: valid

MNUSS NeedID 100000000010172 **Date of Need:** 8/4/1997

Joies Brook

Panel: 2302070034B

Need Desc: Changes to BFEs **Length:** 6.49 **mi**

Anticipated BFE Change: Increased By Greater Than 5 feet

Location of Floodplain:

Need Notes:

SPO Comments: valid

EXISTING MNUSS ENTRIES FOR CUMBERLAND COUNTY

STANDISH, TOWN OF

CID 230207 MNUSS Summary

MNUSS NeedID 100000000010175 **Date of Need:** 8/4/1997

TUCKER BROOK

Panel: 2302070017B

Need Desc: Changes to BFEs **Length:** 3.27 **mi**

Anticipated BFE Change: Increased By Greater Than 5 feet

Location of Floodplain:

Need Notes:

SPO Comments: valid

MNUSS NeedID 100000000010173 **Date of Need:** 8/4/1997

Watchic Pond

Panel: 2302070019B

Need Desc: Changes to BFEs **Length:** 2.21 **mi**

Anticipated BFE Change: Increased By Greater Than 5 feet

Location of Floodplain:

Need Notes:

SPO Comments: valid

EXISTING MNUSS ENTRIES FOR CUMBERLAND COUNTY

STANDISH, TOWN OF

CID 230207 MNUSS Summary

MNUSS NeedID 100000000010173 **Date of Need:** 8/4/1997

Watchic Pond

Panel: 2302070025B

Need Desc: Changes to BFEs **Length:** 2.21 **mi**

Anticipated BFE Change: Increased By Greater Than 5 feet

Location of Floodplain:

Need Notes:

SPO Comments: valid

MNUSS NeedID 100000000010173 **Date of Need:** 8/4/1997

Watchic Pond

Panel: 2302070040B

Need Desc: Changes to BFEs **Length:** 2.21 **mi**

Anticipated BFE Change: Increased By Greater Than 5 feet

Location of Floodplain:

Need Notes:

SPO Comments: valid

EXISTING MNUSS ENTRIES FOR CUMBERLAND COUNTY

STANDISH, TOWN OF

CID 230207 MNUSS Summary

MNUSS NeedID 100000000010174 **Date of Need:** 8/4/1997

Suco River

Panel: 2302070017B

Need Desc: Changes to BFEs **Length:** 11.16 **mi**

Anticipated BFE Change: Increased By Between 1 and 5 feet

Location of Floodplain:

Need Notes:

SPO Comments: valid

MNUSS NeedID 100000000010174 **Date of Need:** 8/4/1997

Sco River

Panel: 2302070019B

Need Desc: Changes to BFEs **Length:** 11.16 **mi**

Anticipated BFE Change: Increased By Between 1 and 5 feet

Location of Floodplain:

Need Notes:

SPO Comments: valid - should be Saco River

EXISTING MNUSS ENTRIES FOR CUMBERLAND COUNTY

STANDISH, TOWN OF

CID 230207 MNUSS Summary

MNUSS NeedID 100000000010174 **Date of Need:** 8/4/1997

Suco River

Panel: 2302070032B

Need Desc: Changes to BFEs **Length:** 11.16 **mi**

Anticipated BFE Change: Increased By Between 1 and 5 feet

Location of Floodplain:

Need Notes:

SPO Comments: valid - should be Saco River

MNUSS NeedID 100000000010172 **Date of Need:** 8/4/1997

Joies Brook

Panel: 2302070025B

Need Desc: Changes to BFEs **Length:** 6.49 **mi**

Anticipated BFE Change: Increased By Greater Than 5 feet

Location of Floodplain:

Need Notes:

SPO Comments: valid

EXISTING MNUSS ENTRIES FOR CUMBERLAND COUNTY

STANDISH, TOWN OF

CID 230207 MNUSS Summary

MNUSS NeedID 100000000010174 **Date of Need:** 8/4/1997

Suco River **Panel:** 2302070034B

Need Desc: Changes to BFEs **Length:** 11.16 **mi**

Anticipated BFE Change: Increased By Between 1 and 5 feet

Location of Floodplain:

Need Notes:

SPO Comments: valid

MNUSS NeedID 100000000010165 **Date of Need:** 8/4/1997

Panel: 2302070010B

Need Desc: Add streets to panel **Length:** 0 **mi**

Anticipated BFE Change: Not Applicable

Location of Floodplain:

Need Notes:

SPO Comments: DFIRM process will address

EXISTING MNUSS ENTRIES FOR CUMBERLAND COUNTY

STANDISH, TOWN OF

CID 230207 MNUSS Summary

MNUSS NeedID 100000000010171 **Date of Need:** 8/4/1997

Strout Brook

Panel: 2302070017B

Need Desc: Changes to floodplain width **Length:** 1.99 **mi**

Anticipated BFE Change: Decreased By Between 1 and 5 feet

Location of Floodplain:

Need Notes:

SPO Comments: unsure

MNUSS NeedID 100000000010172 **Date of Need:** 8/4/1997

Joies Brook

Panel: 2302070040B

Need Desc: Changes to BFEs **Length:** 6.49 **mi**

Anticipated BFE Change: Increased By Greater Than 5 feet

Location of Floodplain:

Need Notes:

SPO Comments: valid

EXISTING MNUSS ENTRIES FOR CUMBERLAND COUNTY

STANDISH, TOWN OF

CID 230207 MNUSS Summary

MNUSS NeedID 100000000010165

Date of Need: 8/4/1997

Panel: 2302070005B

Need Desc: Add streets to panel

Length: 0 **mi**

Anticipated BFE Change: Not Applicable

Location of Floodplain:

Need Notes:

SPO Comments: DFIRM process will address

MNUSS NeedID 100000000010165

Date of Need: 8/4/1997

Panel: 2302070015C

Need Desc: Add streets to panel

Length: 0 **mi**

Anticipated BFE Change: Not Applicable

Location of Floodplain:

Need Notes:

SPO Comments: DFIRM process will address

EXISTING MNUSS ENTRIES FOR CUMBERLAND COUNTY

STANDISH, TOWN OF

CID 230207 MNUSS Summary

MNUSS NeedID 100000000010165

Date of Need: 8/4/1997

Panel: 2302070017B

Need Desc: Add streets to panel

Length: 0 **mi**

Anticipated BFE Change: Not Applicable

Location of Floodplain:

Need Notes:

SPO Comments: DFIRM process will address

MNUSS NeedID 100000000010165

Date of Need: 8/4/1997

Panel: 2302070019B

Need Desc: Add streets to panel

Length: 0 **mi**

Anticipated BFE Change: Not Applicable

Location of Floodplain:

Need Notes:

SPO Comments: DFIRM process will address

EXISTING MNUSS ENTRIES FOR CUMBERLAND COUNTY

STANDISH, TOWN OF

CID 230207 MNUSS Summary

MNUSS NeedID 100000000010165

Date of Need: 8/4/1997

Panel: 2302070025B

Need Desc: Add streets to panel

Length: 0 **mi**

Anticipated BFE Change: Not Applicable

Location of Floodplain:

Need Notes:

SPO Comments: DFIRM process will address

MNUSS NeedID 100000000010165

Date of Need: 8/4/1997

Panel: 2302070030B

Need Desc: Add streets to panel

Length: 0 **mi**

Anticipated BFE Change: Not Applicable

Location of Floodplain:

Need Notes:

SPO Comments: DFIRM process will address

EXISTING MNUSS ENTRIES FOR CUMBERLAND COUNTY

STANDISH, TOWN OF

CID 230207 MNUSS Summary

MNUSS NeedID 100000000010165

Date of Need: 8/4/1997

Panel: 2302070032B

Need Desc: Add streets to panel

Length: 0 **mi**

Anticipated BFE Change: Not Applicable

Location of Floodplain:

Need Notes:

SPO Comments: DFIRM process will address

MNUSS NeedID 100000000010165

Date of Need: 8/4/1997

Panel: 2302070034B

Need Desc: Add streets to panel

Length: 0 **mi**

Anticipated BFE Change: Not Applicable

Location of Floodplain:

Need Notes:

SPO Comments: DFIRM process will address

EXISTING MNUSS ENTRIES FOR CUMBERLAND COUNTY

STANDISH, TOWN OF

CID 230207 MNUSS Summary

MNUSS NeedID 100000000010165

Date of Need: 8/4/1997

Panel: 2302070040B

Need Desc: Add streets to panel

Length: 0 **mi**

Anticipated BFE Change: Not Applicable

Location of Floodplain:

Need Notes:

SPO Comments: DFIRM process will address

EXISTING MNUSS ENTRIES FOR CUMBERLAND COUNTY

WESTBROOK, CITY OF

CID 230054 MNUSS Summary

MNUSS NeedID 100000000010258 **Date of Need:** 11/17/1997

MINNOW BROOK

Panel: 2300540002B

Need Desc: Changes to hydrologic conditions **Length:** 2.1 **mi**

Anticipated BFE Change: Increased By Greater Than 5 feet

Location of Floodplain:

Need Notes:

SPO Comments: restudy in process

MNUSS NeedID 100000000010255 **Date of Need:** 11/17/1997

Panel: 2300540006B

Need Desc: Align map panels **Length:** 0 **mi**

Anticipated BFE Change: Not Applicable

Location of Floodplain:

Need Notes: REVISE MAPS TO MAP INITIATIVES FORMAT

SPO Comments: restudy in process

EXISTING MNUSS ENTRIES FOR CUMBERLAND COUNTY

WESTBROOK, CITY OF

CID 230054 MNUSS Summary

MNUSS NeedID 100000000010255 **Date of Need:** 11/17/1997

Panel: 2300540006B

Need Desc: Align map panels **Length:** 0 **mi**

Anticipated BFE Change: Not Applicable

Location of Floodplain:

Need Notes: REVISE MAPS TO MAP INITIATIVES FORMAT

SPO Comments: restudy in process

MNUSS NeedID 100000000010255 **Date of Need:** 11/17/1997

Panel: 2300540007B

Need Desc: Align map panels **Length:** 0 **mi**

Anticipated BFE Change: Not Applicable

Location of Floodplain:

Need Notes: REVISE MAPS TO MAP INITIATIVES FORMAT

SPO Comments: restudy in process

EXISTING MNUSS ENTRIES FOR CUMBERLAND COUNTY

WESTBROOK, CITY OF

CID 230054 MNUSS Summary

MNUSS NeedID 100000000010255 **Date of Need:** 11/17/1997

Panel: 2300540007B

Need Desc: Align map panels **Length:** 0 **mi**

Anticipated BFE Change: Not Applicable

Location of Floodplain:

Need Notes: REVISE MAPS TO MAP INITIATIVES FORMAT

SPO Comments: restudy in process

MNUSS NeedID 100000000010255 **Date of Need:** 11/17/1997

Panel: 2300540007B

Need Desc: Align map panels **Length:** 0 **mi**

Anticipated BFE Change: Not Applicable

Location of Floodplain:

Need Notes: REVISE MAPS TO MAP INITIATIVES FORMAT

SPO Comments: restudy in process

EXISTING MNUSS ENTRIES FOR CUMBERLAND COUNTY

WESTBROOK, CITY OF

CID 230054 MNUSS Summary

MNUSS NeedID 100000000010255 **Date of Need:** 11/17/1997

Panel: 2300540008B

Need Desc: Align map panels **Length:** 0 **mi**

Anticipated BFE Change: Not Applicable

Location of Floodplain:

Need Notes: REVISE MAPS TO MAP INITIATIVES FORMAT

SPO Comments: restudy in process

MNUSS NeedID 100000000010255 **Date of Need:** 11/17/1997

Panel: 2300540008B

Need Desc: Align map panels **Length:** 0 **mi**

Anticipated BFE Change: Not Applicable

Location of Floodplain:

Need Notes: REVISE MAPS TO MAP INITIATIVES FORMAT

SPO Comments: restudy in process

EXISTING MNUSS ENTRIES FOR CUMBERLAND COUNTY

WESTBROOK, CITY OF

CID 230054 MNUSS Summary

MNUSS NeedID 100000000010255 **Date of Need:** 11/17/1997

Panel: 2300540006B

Need Desc: Align map panels **Length:** 0 **mi**

Anticipated BFE Change: Not Applicable

Location of Floodplain:

Need Notes: REVISE MAPS TO MAP INITIATIVES FORMAT

SPO Comments: restudy in process

MNUSS NeedID 100000000010256 **Date of Need:** 11/17/1997

PRESUMPSCOT RIVER

Panel: 2300540004B

Need Desc: Changes to hydrologic conditions **Length:** 6.3 **mi**

Anticipated BFE Change: Increased By Greater Than 5 feet

Location of Floodplain:

Need Notes:

SPO Comments: restudy in process

EXISTING MNUSS ENTRIES FOR CUMBERLAND COUNTY

WESTBROOK, CITY OF

CID 230054 MNUSS Summary

MNUSS NeedID 100000000010256 **Date of Need:** 11/17/1997

PRESUMPSCOT RIVER

Panel: 2300540005B

Need Desc: Changes to hydrologic conditions **Length:** 6.3 **mi**

Anticipated BFE Change: Increased By Greater Than 5 feet

Location of Floodplain:

Need Notes:

SPO Comments: restudy in process

MNUSS NeedID 100000000010256 **Date of Need:** 11/17/1997

PRESUMPSCOT RIVER

Panel: 2300540006B

Need Desc: Changes to hydrologic conditions **Length:** 6.3 **mi**

Anticipated BFE Change: Increased By Greater Than 5 feet

Location of Floodplain:

Need Notes:

SPO Comments: restudy in process

EXISTING MNUSS ENTRIES FOR CUMBERLAND COUNTY

WESTBROOK, CITY OF

CID 230054 MNUSS Summary

MNUSS NeedID 100000000010257 **Date of Need:** 11/17/1997

Mill Brook **Panel:** 2300540002B

Need Desc: Changes to hydrologic conditions **Length:** 5.9 **mi**

Anticipated BFE Change: Increased By Greater Than 5 feet

Location of Floodplain:

Need Notes:

SPO Comments: restudy in process

MNUSS NeedID 100000000010255 **Date of Need:** 11/17/1997

Panel: 2300540005B

Need Desc: Align map panels **Length:** 0 **mi**

Anticipated BFE Change: Not Applicable

Location of Floodplain:

Need Notes: REVISE MAPS TO MAP INITIATIVES FORMAT

SPO Comments: restudy in process

EXISTING MNUSS ENTRIES FOR CUMBERLAND COUNTY

WESTBROOK, CITY OF

CID 230054 MNUSS Summary

MNUSS NeedID 100000000010258 **Date of Need:** 11/17/1997

MINNOW BROOK

Panel: 2300540001B

Need Desc: Changes to hydrologic conditions **Length:** 2.1 **mi**

Anticipated BFE Change: Increased By Greater Than 5 feet

Location of Floodplain:

Need Notes:

SPO Comments: restudy in process

MNUSS NeedID 100000000010255 **Date of Need:** 11/17/1997

Panel: 2300540008B

Need Desc: Align map panels **Length:** 0 **mi**

Anticipated BFE Change: Not Applicable

Location of Floodplain:

Need Notes: REVISE MAPS TO MAP INITIATIVES FORMAT

SPO Comments: restudy in process

EXISTING MNUSS ENTRIES FOR CUMBERLAND COUNTY

WESTBROOK, CITY OF

CID 230054 MNUSS Summary

MNUSS NeedID 100000000010258 **Date of Need:** 11/17/1997

MINNOW BROOK

Panel: 2300540004B

Need Desc: Changes to hydrologic conditions **Length:** 2.1 **mi**

Anticipated BFE Change: Increased By Greater Than 5 feet

Location of Floodplain:

Need Notes:

SPO Comments: restudy in process

MNUSS NeedID 100000000010259 **Date of Need:** 11/17/1997

MINNOW BROOK

Panel: 2300540001B

Need Desc: Changes to hydrologic conditions **Length:** 0.5 **mi**

Anticipated BFE Change: Increased By Greater Than 5 feet

Location of Floodplain:

Need Notes: THIS ENTRY COVERS THE UPSTREAM APPROXIMATE ZONE A PORTION OF MINNOW BROOK

SPO Comments: restudy in process

EXISTING MNUSS ENTRIES FOR CUMBERLAND COUNTY

WESTBROOK, CITY OF

CID 230054 MNUSS Summary

MNUSS NeedID 100000000010259 **Date of Need:** 11/17/1997

MINNOW BROOK

Panel: 2300540001B

Need Desc: Changes to hydrologic conditions **Length:** 0.5 **mi**

Anticipated BFE Change: Increased By Greater Than 5 feet

Location of Floodplain:

Need Notes: THIS ENTRY COVERS THE UPSTREAM APPROXIMATE ZONE A PORTION OF MINNOW BROOK

SPO Comments: restudy in process

MNUSS NeedID 100000000010259 **Date of Need:** 11/17/1997

MINNOW BROOK

Panel: 2300540001B

Need Desc: Changes to hydrologic conditions **Length:** 0.5 **mi**

Anticipated BFE Change: Increased By Greater Than 5 feet

Location of Floodplain:

Need Notes: THIS ENTRY COVERS THE UPSTREAM APPROXIMATE ZONE A PORTION OF MINNOW BROOK

SPO Comments: restudy in process

EXISTING MNUSS ENTRIES FOR CUMBERLAND COUNTY

WESTBROOK, CITY OF

CID 230054 MNUSS Summary

MNUSS NeedID 100000000010257 **Date of Need:** 11/17/1997

Mill Brook **Panel:** 2300540004B

Need Desc: Changes to hydrologic conditions **Length:** 5.9 **mi**

Anticipated BFE Change: Increased By Greater Than 5 feet

Location of Floodplain:

Need Notes:

SPO Comments: restudy in process

MNUSS NeedID 100000000010254 **Date of Need:** 11/17/1997

Panel: 2300540007B

Need Desc: Add streets to panel **Length:** 0 **mi**

Anticipated BFE Change: Not Applicable

Location of Floodplain:

Need Notes:

SPO Comments: restudy in process

EXISTING MNUSS ENTRIES FOR CUMBERLAND COUNTY

WESTBROOK, CITY OF

CID 230054 MNUSS Summary

MNUSS NeedID 100000000010256 **Date of Need:** 11/17/1997

PRESUMPSCOT RIVER

Panel: 2300540002B

Need Desc: Changes to hydrologic conditions **Length:** 6.3 **mi**

Anticipated BFE Change: Increased By Greater Than 5 feet

Location of Floodplain:

Need Notes:

SPO Comments: restudy in process

MNUSS NeedID 100000000010255 **Date of Need:** 11/17/1997

Panel: 2300540005B

Need Desc: Align map panels **Length:** 0 **mi**

Anticipated BFE Change: Not Applicable

Location of Floodplain:

Need Notes: REVISE MAPS TO MAP INITIATIVES FORMAT

SPO Comments: restudy in process

EXISTING MNUSS ENTRIES FOR CUMBERLAND COUNTY

WESTBROOK, CITY OF

CID 230054 MNUSS Summary

MNUSS NeedID 100000000010254 **Date of Need:** 11/17/1997

Panel: 2300540001B

Need Desc: Add streets to panel **Length:** 0 **mi**

Anticipated BFE Change: Not Applicable

Location of Floodplain:

Need Notes:

SPO Comments: restudy in process

MNUSS NeedID 100000000010254 **Date of Need:** 11/17/1997

Panel: 2300540002B

Need Desc: Add streets to panel **Length:** 0 **mi**

Anticipated BFE Change: Not Applicable

Location of Floodplain:

Need Notes:

SPO Comments: restudy in process

EXISTING MNUSS ENTRIES FOR CUMBERLAND COUNTY

WESTBROOK, CITY OF

CID 230054 MNUSS Summary

MNUSS NeedID 100000000010254 **Date of Need:** 11/17/1997

Panel: 2300540003B

Need Desc: Add streets to panel **Length:** 0 **mi**

Anticipated BFE Change: Not Applicable

Location of Floodplain:

Need Notes:

SPO Comments: restudy in process

MNUSS NeedID 100000000010254 **Date of Need:** 11/17/1997

Panel: 2300540004B

Need Desc: Add streets to panel **Length:** 0 **mi**

Anticipated BFE Change: Not Applicable

Location of Floodplain:

Need Notes:

SPO Comments: restudy in process

EXISTING MNUSS ENTRIES FOR CUMBERLAND COUNTY

WESTBROOK, CITY OF

CID 230054 MNUSS Summary

MNUSS NeedID 100000000010254 **Date of Need:** 11/17/1997

Panel: 2300540006B

Need Desc: Add streets to panel **Length:** 0 **mi**

Anticipated BFE Change: Not Applicable

Location of Floodplain:

Need Notes:

SPO Comments: restudy in process

MNUSS NeedID 100000000010254 **Date of Need:** 11/17/1997

Panel: 2300540008B

Need Desc: Add streets to panel **Length:** 0 **mi**

Anticipated BFE Change: Not Applicable

Location of Floodplain:

Need Notes:

SPO Comments: restudy in process

EXISTING MNUSS ENTRIES FOR CUMBERLAND COUNTY

WESTBROOK, CITY OF

CID 230054 MNUSS Summary

MNUSS NeedID 100000000010255 **Date of Need:** 11/17/1997

Panel: 2300540001B

Need Desc: Align map panels **Length:** 0 **mi**

Anticipated BFE Change: Not Applicable

Location of Floodplain:

Need Notes: REVISE MAPS TO MAP INITIATIVES FORMAT

SPO Comments: restudy in process

MNUSS NeedID 100000000010255 **Date of Need:** 11/17/1997

Panel: 2300540001B

Need Desc: Align map panels **Length:** 0 **mi**

Anticipated BFE Change: Not Applicable

Location of Floodplain:

Need Notes: REVISE MAPS TO MAP INITIATIVES FORMAT

SPO Comments: restudy in process

EXISTING MNUSS ENTRIES FOR CUMBERLAND COUNTY

WESTBROOK, CITY OF

CID 230054 MNUSS Summary

MNUSS NeedID 100000000010255 **Date of Need:** 11/17/1997

Panel: 2300540004B

Need Desc: Align map panels **Length:** 0 **mi**

Anticipated BFE Change: Not Applicable

Location of Floodplain:

Need Notes: REVISE MAPS TO MAP INITIATIVES FORMAT

SPO Comments: restudy in process

MNUSS NeedID 100000000010255 **Date of Need:** 11/17/1997

Panel: 2300540005B

Need Desc: Align map panels **Length:** 0 **mi**

Anticipated BFE Change: Not Applicable

Location of Floodplain:

Need Notes: REVISE MAPS TO MAP INITIATIVES FORMAT

SPO Comments: restudy in process

EXISTING MNUSS ENTRIES FOR CUMBERLAND COUNTY

WESTBROOK, CITY OF

CID 230054 MNUSS Summary

MNUSS NeedID 100000000010255 **Date of Need:** 11/17/1997

Panel: 2300540004B

Need Desc: Align map panels **Length:** 0 **mi**

Anticipated BFE Change: Not Applicable

Location of Floodplain:

Need Notes: REVISE MAPS TO MAP INITIATIVES FORMAT

SPO Comments: restudy in process

MNUSS NeedID 100000000010254 **Date of Need:** 11/17/1997

Panel: 2300540005B

Need Desc: Add streets to panel **Length:** 0 **mi**

Anticipated BFE Change: Not Applicable

Location of Floodplain:

Need Notes:

SPO Comments: restudy in process

EXISTING MNUSS ENTRIES FOR CUMBERLAND COUNTY

WESTBROOK, CITY OF

CID 230054 MNUSS Summary

MNUSS NeedID 100000000010255 **Date of Need:** 11/17/1997

Panel: 2300540004B

Need Desc: Align map panels **Length:** 0 **mi**

Anticipated BFE Change: Not Applicable

Location of Floodplain:

Need Notes: REVISE MAPS TO MAP INITIATIVES FORMAT

SPO Comments: restudy in process

MNUSS NeedID 100000000010255 **Date of Need:** 11/17/1997

Panel: 2300540001B

Need Desc: Align map panels **Length:** 0 **mi**

Anticipated BFE Change: Not Applicable

Location of Floodplain:

Need Notes: REVISE MAPS TO MAP INITIATIVES FORMAT

SPO Comments: restudy in process

EXISTING MNUSS ENTRIES FOR CUMBERLAND COUNTY

WESTBROOK, CITY OF

CID 230054 MNUSS Summary

MNUSS NeedID 100000000010255 **Date of Need:** 11/17/1997

Panel: 2300540003B

Need Desc: Align map panels **Length:** 0 **mi**

Anticipated BFE Change: Not Applicable

Location of Floodplain:

Need Notes: REVISE MAPS TO MAP INITIATIVES FORMAT

SPO Comments: restudy in process

MNUSS NeedID 100000000010255 **Date of Need:** 11/17/1997

Panel: 2300540003B

Need Desc: Align map panels **Length:** 0 **mi**

Anticipated BFE Change: Not Applicable

Location of Floodplain:

Need Notes: REVISE MAPS TO MAP INITIATIVES FORMAT

SPO Comments: restudy in process

EXISTING MNUSS ENTRIES FOR CUMBERLAND COUNTY

WESTBROOK, CITY OF

CID 230054 MNUSS Summary

MNUSS NeedID 100000000010255 **Date of Need:** 11/17/1997

Panel: 2300540003B

Need Desc: Align map panels **Length:** 0 **mi**

Anticipated BFE Change: Not Applicable

Location of Floodplain:

Need Notes: REVISE MAPS TO MAP INITIATIVES FORMAT

SPO Comments: restudy in process

MNUSS NeedID 100000000010255 **Date of Need:** 11/17/1997

Panel: 2300540002B

Need Desc: Align map panels **Length:** 0 **mi**

Anticipated BFE Change: Not Applicable

Location of Floodplain:

Need Notes: REVISE MAPS TO MAP INITIATIVES FORMAT

SPO Comments: restudy in process

EXISTING MNUSS ENTRIES FOR CUMBERLAND COUNTY

WESTBROOK, CITY OF

CID 230054 MNUSS Summary

MNUSS NeedID 100000000010255 **Date of Need:** 11/17/1997

Panel: 2300540002B

Need Desc: Align map panels **Length:** 0 **mi**

Anticipated BFE Change: Not Applicable

Location of Floodplain:

Need Notes: REVISE MAPS TO MAP INITIATIVES FORMAT

SPO Comments: restudy in process

MNUSS NeedID 100000000010255 **Date of Need:** 11/17/1997

Panel: 2300540002B

Need Desc: Align map panels **Length:** 0 **mi**

Anticipated BFE Change: Not Applicable

Location of Floodplain:

Need Notes: REVISE MAPS TO MAP INITIATIVES FORMAT

SPO Comments: restudy in process

EXISTING MNUSS ENTRIES FOR CUMBERLAND COUNTY

WINDHAM, TOWN OF

CID 230189 MNUSS Summary

MNUSS NeedID 100000000010185 **Date of Need:** 8/4/1997

SEE COMMENTS SECTION

Panel: 2301890015B

Need Desc: Changes to BFEs **Length:** 24.21 **mi**

Anticipated BFE Change: Increased By Greater Than 5 feet

Location of Floodplain:

Need Notes: THE FOLLOWING PONDS NEED ELEVATIONS: TARKILL POND CHAFFIN POND PETTINGILL POND SEBAGO LAKE MILL POND / COLLINS POND LITTLE SEBAGO LAKE HIGHLAND LAKE LITTLE DUCK POND FOREST LAKE

SPO Comments: restudy in process

MNUSS NeedID 100000000010169 **Date of Need:** 8/4/1997

Panel: 2301890010B

Need Desc: Add streets to panel **Length:** 0 **mi**

Anticipated BFE Change: Not Applicable

Location of Floodplain:

Need Notes:

SPO Comments: restudy in process

EXISTING MNUSS ENTRIES FOR CUMBERLAND COUNTY

WINDHAM, TOWN OF

CID 230189 MNUSS Summary

MNUSS NeedID 100000000010185 **Date of Need:** 8/4/1997

SEE COMMENTS SECTION **Panel:** 2301890035B

Need Desc: Changes to BFEs **Length:** 24.21 **mi**

Anticipated BFE Change: Increased By Greater Than 5 feet

Location of Floodplain:

Need Notes: The need on Highland Lake is revalidated by data supplied by the Region I office in Sept. 2001

SPO Comments: restudy in process

MNUSS NeedID 100000000010185 **Date of Need:** 8/4/1997

SEE COMMENTS SECTION **Panel:** 2301890035B

Need Desc: Changes to BFEs **Length:** 24.21 **mi**

Anticipated BFE Change: Increased By Greater Than 5 feet

Location of Floodplain:

Need Notes: THE FOLLOWING PONDS NEED ELEVATIONS: TARKILL POND CHAFFIN POND PETTINGILL POND SEBAGO LAKE MILL POND / COLLINS POND LITTLE SEBAGO LAKE HIGHLAND LAKE LITTLE DUCK POND FOREST LAKE

SPO Comments: restudy in process

EXISTING MNUSS ENTRIES FOR CUMBERLAND COUNTY

WINDHAM, TOWN OF

CID 230189 MNUSS Summary

MNUSS NeedID 100000000010185 **Date of Need:** 8/4/1997

SEE COMMENTS SECTION **Panel:** 2301890030B

Need Desc: Changes to BFEs **Length:** 24.21 **mi**

Anticipated BFE Change: Increased By Greater Than 5 feet

Location of Floodplain:

Need Notes: The need on Highland Lake is revalidated by data supplied by the Region I office in Sept. 2001

SPO Comments: restudy in process

MNUSS NeedID 100000000010185 **Date of Need:** 8/4/1997

SEE COMMENTS SECTION **Panel:** 2301890030B

Need Desc: Changes to BFEs **Length:** 24.21 **mi**

Anticipated BFE Change: Increased By Greater Than 5 feet

Location of Floodplain:

Need Notes: THE FOLLOWING PONDS NEED ELEVATIONS: TARKILL POND CHAFFIN POND PETTINGILL POND SEBAGO LAKE MILL POND / COLLINS POND LITTLE SEBAGO LAKE HIGHLAND LAKE LITTLE DUCK POND FOREST LAKE

SPO Comments: restudy in process

EXISTING MNUSS ENTRIES FOR CUMBERLAND COUNTY

WINDHAM, TOWN OF

CID 230189 MNUSS Summary

MNUSS NeedID 100000000010185 **Date of Need:** 8/4/1997

SEE COMMENTS SECTION **Panel:** 2301890030B

Need Desc: Changes to BFEs **Length:** 24.21 **mi**

Anticipated BFE Change: Increased By Greater Than 5 feet

Location of Floodplain:

Need Notes: THE FOLLOWING PONDS NEED ELEVATIONS: TARKILL POND CHAFFIN POND PETTINGILL POND SEBAGO LAKE MILL POND / COLLINS POND LITTLE SEBAGO LAKE HIGHLAND LAKE LITTLE DUCK POND FOREST LAKE

SPO Comments: restudy in process

MNUSS NeedID 100000000010185 **Date of Need:** 8/4/1997

SEE COMMENTS SECTION **Panel:** 2301890015B

Need Desc: Changes to BFEs **Length:** 24.21 **mi**

Anticipated BFE Change: Increased By Greater Than 5 feet

Location of Floodplain:

Need Notes: The need on Highland Lake is revalidated by data supplied by the Region I office in Sept. 2001

SPO Comments: restudy in process

EXISTING MNUSS ENTRIES FOR CUMBERLAND COUNTY

WINDHAM, TOWN OF

CID 230189 MNUSS Summary

MNUSS NeedID 100000000010185 **Date of Need:** 8/4/1997

SEE COMMENTS SECTION

Panel: 2301890035B

Need Desc: Changes to BFEs **Length:** 24.21 **mi**

Anticipated BFE Change: Increased By Greater Than 5 feet

Location of Floodplain:

Need Notes: THE FOLLOWING PONDS NEED ELEVATIONS: TARKILL POND CHAFFIN POND PETTINGILL POND SEBAGO LAKE MILL POND / COLLINS POND LITTLE SEBAGO LAKE HIGHLAND LAKE LITTLE DUCK POND FOREST LAKE

SPO Comments: restudy in process

MNUSS NeedID 100000000010169 **Date of Need:** 8/4/1997

Panel: 2301890035B

Need Desc: Add streets to panel **Length:** 0 **mi**

Anticipated BFE Change: Not Applicable

Location of Floodplain:

Need Notes:

SPO Comments: restudy in process

EXISTING MNUSS ENTRIES FOR CUMBERLAND COUNTY

WINDHAM, TOWN OF

CID 230189 MNUSS Summary

MNUSS NeedID 100000000010169 **Date of Need:** 8/4/1997

Panel: 2301890030B

Need Desc: Add streets to panel **Length:** 0 **mi**

Anticipated BFE Change: Not Applicable

Location of Floodplain:

Need Notes:

SPO Comments: restudy in process

MNUSS NeedID 100000000010169 **Date of Need:** 8/4/1997

Panel: 2301890015B

Need Desc: Add streets to panel **Length:** 0 **mi**

Anticipated BFE Change: Not Applicable

Location of Floodplain:

Need Notes:

SPO Comments: restudy in process

EXISTING MNUSS ENTRIES FOR CUMBERLAND COUNTY

WINDHAM, TOWN OF

CID 230189 MNUSS Summary

MNUSS NeedID 100000000010155 **Date of Need:** 8/4/1997

Forest Lake

Panel: 2301890035B

Need Desc: Changes to BFEs **Length:** 1.06 **mi**

Anticipated BFE Change: Increased By Greater Than 5 feet

Location of Floodplain:

Need Notes: Region I Needs Form states "8/94--info about Forest Lake BFE in 8/93 LOMA file for PINE (Grey, ME)" This revsion should be processed with Grey.

SPO Comments: restudy in process

MNUSS NeedID 100000000010155 **Date of Need:** 8/4/1997

Forest Lake

Panel: 2301890035B

Need Desc: Changes to BFEs **Length:** 1.06 **mi**

Anticipated BFE Change: Increased By Greater Than 5 feet

Location of Floodplain:

Need Notes: Region I Needs Form states "8/94--info about Forest Lake BFE in 8/93 LOMA file for PINE (Grey, ME)" This revsion should be processed with Grey.

SPO Comments: restudy in process

EXISTING MNUSS ENTRIES FOR CUMBERLAND COUNTY

WINDHAM, TOWN OF

CID 230189 MNUSS Summary

MNUSS NeedID 100000000010155 **Date of Need:** 8/4/1997

Forest Lake

Panel: 2301890035B

Need Desc: Changes to BFEs **Length:** 1.06 **mi**

Anticipated BFE Change: Increased By Greater Than 5 feet

Location of Floodplain:

Need Notes: Region I Needs Form states "8/94--info about Forest Lake BFE in 8/93 LOMA file for PINE (Grey, ME)" This revsion should be processed with Grey.

SPO Comments: restudy in process

MNUSS NeedID 100000000010185 **Date of Need:** 8/4/1997

SEE COMMENTS SECTION

Panel: 2301890015B

Need Desc: Changes to BFEs **Length:** 24.21 **mi**

Anticipated BFE Change: Increased By Greater Than 5 feet

Location of Floodplain:

Need Notes: THE FOLLOWING PONDS NEED ELEVATIONS: TARKILL POND CHAFFIN POND PETTINGILL POND SEBAGO LAKE MILL POND / COLLINS POND LITTLE SEBAGO LAKE HIGHLAND LAKE LITTLE DUCK POND FOREST LAKE

SPO Comments: restudy in process

EXISTING MNUSS ENTRIES FOR CUMBERLAND COUNTY

WINDHAM, TOWN OF

CID 230189 MNUSS Summary

MNUSS NeedID 100000000010169

Date of Need: 8/4/1997

Panel: 2301890025B

Need Desc: Add streets to panel

Length: 0 **mi**

Anticipated BFE Change: Not Applicable

Location of Floodplain:

Need Notes:

SPO Comments: restudy in process

EXISTING MNUSS ENTRIES FOR CUMBERLAND COUNTY

YARMOUTH, TOWN OF

CID 230055 MNUSS Summary

MNUSS NeedID 100000000010261 **Date of Need:** 11/17/1997

Panel: 2300550006B

Need Desc: Add streets to panel **Length:** 0 **mi**

Anticipated BFE Change: Not Applicable

Location of Floodplain:

Need Notes:

SPO Comments: DFIRM process will address

MNUSS NeedID 100000000010263 **Date of Need:** 11/17/1997

COASTLINE

Panel: 2300550009B

Need Desc: Changes to coastal elevations **Length:** 20.8 **mi**

Anticipated BFE Change: Decreased By Less Than 1 foot

Location of Floodplain:

Need Notes:

SPO Comments: valid

EXISTING MNUSS ENTRIES FOR CUMBERLAND COUNTY

YARMOUTH, TOWN OF

CID 230055 MNUSS Summary

MNUSS NeedID 100000000010263 **Date of Need:** 11/17/1997

COASTLINE

Panel: 2300550007B

Need Desc: Changes to coastal elevations **Length:** 20.8 **mi**

Anticipated BFE Change: Decreased By Less Than 1 foot

Location of Floodplain:

Need Notes:

SPO Comments: valid

MNUSS NeedID 100000000010263 **Date of Need:** 11/17/1997

COASTLINE

Panel: 2300550006B

Need Desc: Changes to coastal elevations **Length:** 20.8 **mi**

Anticipated BFE Change: Decreased By Less Than 1 foot

Location of Floodplain:

Need Notes:

SPO Comments: valid

EXISTING MNUSS ENTRIES FOR CUMBERLAND COUNTY

YARMOUTH, TOWN OF

CID 230055 MNUSS Summary

MNUSS NeedID 100000000010262 **Date of Need:** 11/17/1997

Panel: 2300550010B

Need Desc: Align map panels **Length:** 0 **mi**

Anticipated BFE Change: Not Applicable

Location of Floodplain:

Need Notes:

SPO Comments: DFIRM process will address

MNUSS NeedID 100000000010262 **Date of Need:** 11/17/1997

Panel: 2300550009B

Need Desc: Align map panels **Length:** 0 **mi**

Anticipated BFE Change: Not Applicable

Location of Floodplain:

Need Notes:

SPO Comments: DFIRM process will address

EXISTING MNUSS ENTRIES FOR CUMBERLAND COUNTY

YARMOUTH, TOWN OF

CID 230055 MNUSS Summary

MNUSS NeedID 100000000010262 **Date of Need:** 11/17/1997

Panel: 2300550007B

Need Desc: Align map panels **Length:** 0 **mi**

Anticipated BFE Change: Not Applicable

Location of Floodplain:

Need Notes:

SPO Comments: DFIRM process will address

MNUSS NeedID 100000000010262 **Date of Need:** 11/17/1997

Panel: 2300550006B

Need Desc: Align map panels **Length:** 0 **mi**

Anticipated BFE Change: Not Applicable

Location of Floodplain:

Need Notes:

SPO Comments: DFIRM process will address

EXISTING MNUSS ENTRIES FOR CUMBERLAND COUNTY

YARMOUTH, TOWN OF

CID 230055 MNUSS Summary

MNUSS NeedID 100000000010262 **Date of Need:** 11/17/1997

Panel: 2300550005B

Need Desc: Align map panels **Length:** 0 **mi**

Anticipated BFE Change: Not Applicable

Location of Floodplain:

Need Notes:

SPO Comments: DFIRM process will address

MNUSS NeedID 100000000010262 **Date of Need:** 11/17/1997

Panel: 2300550002B

Need Desc: Align map panels **Length:** 0 **mi**

Anticipated BFE Change: Not Applicable

Location of Floodplain:

Need Notes:

SPO Comments: DFIRM process will address

EXISTING MNUSS ENTRIES FOR CUMBERLAND COUNTY

YARMOUTH, TOWN OF

CID 230055 MNUSS Summary

MNUSS NeedID 100000000010261 **Date of Need:** 11/17/1997

Panel: 2300550005B

Need Desc: Add streets to panel **Length:** 0 **mi**

Anticipated BFE Change: Not Applicable

Location of Floodplain:

Need Notes:

SPO Comments: DFIRM process will address

MNUSS NeedID 100000000010261 **Date of Need:** 11/17/1997

Panel: 2300550003B

Need Desc: Add streets to panel **Length:** 0 **mi**

Anticipated BFE Change: Not Applicable

Location of Floodplain:

Need Notes:

SPO Comments: DFIRM process will address

EXISTING MNUSS ENTRIES FOR CUMBERLAND COUNTY

YARMOUTH, TOWN OF

CID 230055 MNUSS Summary

MNUSS NeedID 100000000010263 **Date of Need:** 11/17/1997

COASTLINE

Panel: 2300550010B

Need Desc: Changes to coastal elevations **Length:** 20.8 **mi**

Anticipated BFE Change: Decreased By Less Than 1 foot

Location of Floodplain:

Need Notes:

SPO Comments: valid

MNUSS NeedID 100000000010262 **Date of Need:** 11/17/1997

Panel: 2300550003B

Need Desc: Align map panels **Length:** 0 **mi**

Anticipated BFE Change: Not Applicable

Location of Floodplain:

Need Notes:

SPO Comments: DFIRM process will address

Appendix D: Attachments

STATE OF MAINE
EXECUTIVE DEPARTMENT
MAINE STATE PLANNING OFFICE
38 STATE HOUSE STATION
AUGUSTA, ME 04333

City Planner
City of Portland
Portland, Maine

October 25, 2005

Subject: **IMPORTANT MEETING** – Flood Map Update – Scoping & Data Collection for Cumberland County

Dear Sir/Madam:

As part of their Flood Map Modernization initiative, the Maine Floodplain Management Program and the Federal Emergency Management Agency (FEMA) will be updating the Flood Insurance Rate Maps (FIRMs) for Cumberland County communities and will be producing a county-wide digital FIRM (DFIRM). In an effort to share information on the flood map update process and provide an opportunity for local input, we would like to meet collectively with the local officials involved in floodplain management from the Cumberland County communities (i.e., code enforcement officers/planners/planning board memeber/GIS staff). We hope for active participation at the meetings, which will help us establish the scope of the mapping project for Cumberland County. Toward that effort, we have mailed this letter to code enforcement officers as well as chief elected officials. Your community's input is very important if you wish to contribute to improving the flood maps. If you choose not to provide input, a new map will still be generated but may or may not reflect changes you would have liked. To accommodate local officials' schedules, both an afternoon and evening meeting have been scheduled. Please use the FAX-back form to confirm attendance at one of the meetings.

Cumberland County: Portland Water District – Nixon Center, Tuesday, November 15th, 9:30-Noon

The State of Maine Floodplain Management Program, the US Geological Survey (USGS) and FEMA or its representative will conduct the Scoping Meetings. The purpose of the meetings is to:

Inform the communities of the nature and the intent of the flood map update process and new digital product,

Make introductions and establish points of contact between the communities, the State of Maine Floodplain Management Program, USGS, and FEMA,

Break into small groups and solicit community input regarding community concerns with the current mapping of the special flood hazard areas (i.e., areas where there is a need for flood elevation data, areas that never flood but are currently mapped in the floodplain and vice versa),

[Note: the majority of current problems with the base map, such as lack of roads and labelling errors, will be resolved due to use of new aerial photo and digital base map, as explained below]

Identify and prioritize problem areas on current maps (copies will be supplied),

Discuss and record the availability of any community specific data, such as:

- digital orthophotography and (or) topographic mapping data undertaken by the community,
- local flood hazard studies undertaken by the developers, property owners or the community for permitting purposes as required in the local floodplain ordinance OR for the purposes of obtaining a Letter of Map Amendment/Letter of Map Revision from FEMA, any of which provides flood elevation data,
- verified historical data from past flooding events such as surveyed high water marks, photos taken at the time of high water, or post-disaster documents,
- any community plans for, or interest in, acquiring or contributing to new data

Discuss any changes that have been made to hard structures (culverts, bridges, dams, etc.) within the community that may affect water flow/flooding, or any proposed large developments in the floodplain,

The updated Flood Insurance Rate Maps (FIRMs) will be in a county-wide inclusive format (with many panels), and will be produced in a digital format, known as a DFIRM. The DFIRM will also include an extensive GIS database, and the digital floodplain boundaries will be depicted on an aerial photo base map. The truly digital product will be able to be overlaid on existing GIS base maps of the community/county (i.e. tax map, shoreland zoning map, infrastructure or other GIS based maps), which will improve the use of flood hazard data at the local and regional level. Also, using the new flood map in either paper form or with GIS, will definitely allow for easier and faster flood map determinations.

It is very important that a representative(s) of your community attend one of the Scoping Meetings (the lead floodplain management person - usually the code enforcement officer, the planner/planning board chair, GIS staff, public works director and (or) other involved elected official). It is also important that information regarding the time and place of the Scoping Meeting be disseminated so that anyone who could provide engineering, topographic or mapping data, and is interested in the mapping results, can attend.

To prepare for the Scoping Meeting, we would like for your community to identify flood mapping issues that you would like to be considered for (re)study or review. It would be helpful to have the flooding issues prioritized and be prepared to precisely locate the areas of concern on the flood maps at the meeting. In addition, it would also be very beneficial to bring a brief narrative describing the reasons for the requested (re)studies or reviews. This information will help facilitate the meeting and assist us in finalizing the scope of work. This information may also be sent to the lead scoping agency working in collaboration with the Maine Floodplain Management Program and FEMA: USGS, 196 Whitten Road, Augusta, ME 04330.

Attached with this letter please find a **FAX-back sign-up form** and maps for the meeting locations. Please submit the FAX-back form by **November 3, 2005** so that we can plan accordingly. Your prompt attention to this matter is appreciated, and will help ensure that an accurate and efficient project scope for the flood hazard mapping update for Cumberland County is developed. If you have any questions regarding the Scoping Meetings or desire additional information, please feel free to contact Bonnie at the State Planning Office at 287-8052 or Rob Dudley, from USGS, at 622-8201 ext 115.

Bonnie Cowle, CFM
Maine Map Modernization Project Coordinator
Maine Floodplain Management Program

G. Fred Vanderschmidt IV, CFM
FEMA Region I
Rob Dudley, P.E., USGS Maine Water Science Center

FEMA Map Mod Scoping Meeting Agenda: Cumberland County, Maine	
Cumberland County, Maine	
Meeting Date: 11/15/05 Time: 9:30 A.M. - Noon	
Location of Meeting: Portland Water District – Nixon Center	
Agenda Items	**Estimated Time**
1. Welcome and Introductions – Bonnie Cowle – State Planning Office	5 minutes
2. Overview of Scoping Meeting Agenda	5 minutes
3. Map Modernization Overview	
Jeff Burm – FEMA Representative from Watershed Concepts	5 minutes
Bonnie Cowle – SPO, Maine Floodplain Management Program	5 minutes
4. Flood Mapping Schedule and Process	5 minutes
Bonnie Cowle – Schedule Rob Dudley – Process – USGS, FEMA's Scoping and Mapping Contractor	
5. Map Details – Rob and Bonnie	10 minutes
Discussion of specific DFIRM issues: Map data layers Various levels of map detail New appearance of DFIRM o MEGIS orthophoto quad o Scale and paneling scheme o Map adoption What we need from you	
6. Breakout Sessions to Identify Community Mapping Needs	60-90 minutes
In small working groups with assigned leader: Review and comment on USGS/SPO data sheet for your community With input from leader complete the community interview form o Discuss mapping update needs for each community o Provide rationales for each update needed On flood maps, highlight specific areas of need and indicate priorities	
7. Turn in Forms & Maps	
Speakers will be available for any final questions	

Cumberland County Community Interview Form
FEMA Map Modernization Program
November 15, 2005

Community: _____ Effective FIS/FIRM Date: _____

CID#: 230 __ __ __ GOVT: ☐ Town OR ☐ Council

If Town Government, Date of Annual Town Meeting: _____

Community Representative(s) attending meeting:

Name(s): _____

Title(s): _____

Tel: _____ Email(s): _____

Fax: _____

Floodplain Mgt Community Contact (and contact info if different from above): _____

Known problems with flood maps for your community (note FIRM panel numbers)

(Note: Most base-map issues such as street names, roads, corporate boundaries, and spatial issues will be fixed when new digital FIRMS are produced) PLEASE PROVIDE ADDITIONAL INFORMATION FOR ANY **YES** ANSWERS BELOW

Do you have specific areas that don't flood (1% chance) but are currently in the floodplain? ☐ Yes ☐ No

Do you have specific areas that flood (1% chance) but are not mapped in the floodplain or not mapped at all?
☐ Yes ☐ No

Have any changes in hydraulic structures (bridges, culverts, dams) taken place that would change the maps?
☐ Yes ☐ No

Do you currently have (or are you proposing) high-development areas where you need new or restudied flood elevations or improved map scale? ☐ Yes ☐ No

Community resources:

Do you have aerial photography or plans for any (flight date, scale, color/black & white)? ☐ Yes ☐ No

Do you have topographic data or plans for collecting any (digital terrain, contour maps)? ☐ Yes ☐ No

Do you have any other data like special hydrologic/hydraulic studies (or plans for studies)? ☐ Yes ☐ No

Do you have dedicated GIS capabilities? ☐ Yes ☐ No (Provide GIS contact info if different from front page)

Interviewer: Review MNUSS entries and BAD with community rep. ☐ Done and all OK, or ☐ Done and see notes

NOTES: _____