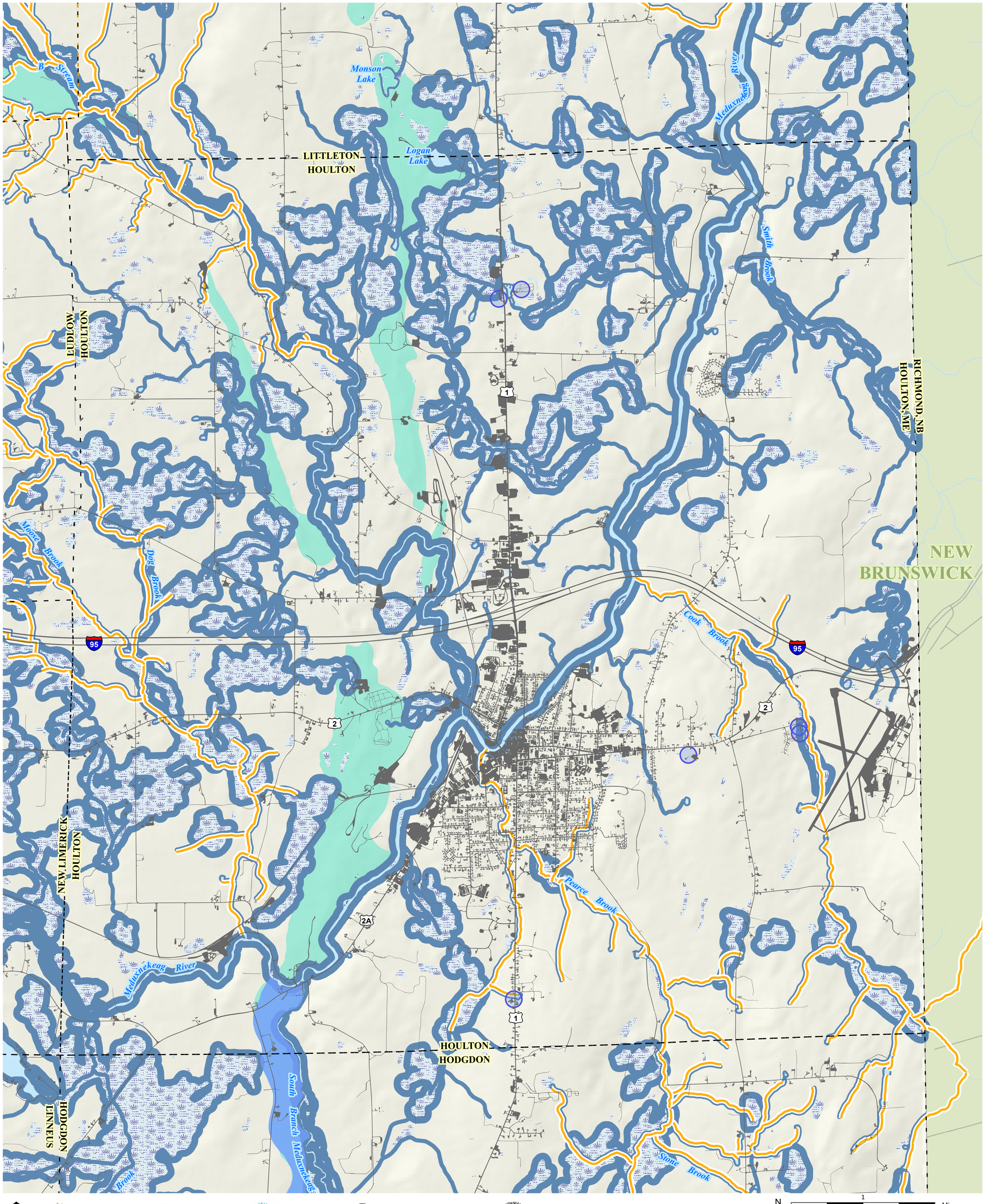

Beginning with Habitat (BwH)
equips Maine communities, landowners, and conservation partners with tools to protect, restore, and connect important habitats and ecosystems in a changing climate.
www.beginningwithhabitat.org

Water Resources & Shoreland Habitats

Houlton

This map is nonregulatory and is intended for planning purposes only

Organized Towns	
Unorganized Towns	
Impervious	Impervious surfaces including buildings and roads.
Atlantic Salmon Habitat	Reflects surveys on selected Maine streams.
Wild Brook Trout Priority Conservation Areas	Reflects surveys on selected Maine streams.
Maine Heritage Fish Waters	Lakes and ponds in Maine that have been designated as Maine Heritage Fish Waters according to Title 12, §12461. State Heritage Fish Waters.
Source Water Protection Areas	Buffers that represent source water protection areas for wells and surface water intakes that serve the public water supply. Their size is proportional to population served and/or by the type of water supply system. These buffers range from 300 to 2,500 feet in radius.
Wells (Modeled)	Maine Drinking Water Program data modeling the location of bedrock source water protection areas and sand/gravel aquifer areas
Aquifers	Flow of at least 10 gallons per minute.
NWI Wetlands	National Wetlands Inventory (NWI) uses aerial photographs to approximate wetland locations. NWI data is not comprehensive mapping of wetlands resources and typically under represents the presence of wetlands on the landscape.
Shoreland Areas	Depicted using common regulatory zones including a 250-foot-wide strip around Great Ponds (ponds of at least 10 acres, rivers, coastline, and wetlands of at least 10 acres and 75-foot-wide strip around streams. For more information on Mandatory Shoreland Zoning - https://www.maine.gov/dep/land/slz/
Shellfish Growing Areas	Distributions of molluscan shellfish species in Maine.

Data Sources

TOWNSHIP BOUNDARIES
Maine Office of GIS (2020)
ROADS
Maine Office of GIS, Maine Department of Transportation (2021)
HYDROLOGY
USGS National Hydrography Dataset (2016)
DEVELOPED
CCAP NOAA impervious land cover (2022)
NATIONAL WETLANDS INVENTORY
U.S. Fish & Wildlife Service (2020)
SHELLFISH
Maine Department of Marine Resources (2010)
SHORELAND AREAS
Maine Office of GIS, Maine Natural Areas Program (2011)
SOURCE WATER PROTECTION AREAS and WELLS
Maine Office of GIS, Maine Department of Human Services-Drinking Water Program (2023)
AQUIFERS
Maine Office of GIS, Maine Geological Survey (2011)
BROOK TROUT PRIORITY CONSERVATION AREAS
Maine Department of Inland Fisheries & Wildlife (2020)
MAINE HERITAGE FISH WATERS
Maine Department of Inland Fisheries & Wildlife (2022)
ATLANTIC SALMON HABITAT
Maine Department of Marine Resources (2024)

N
1 Mi
1 Km
Scale: 1:16,000
Projection: UTM 19N
Datum: NAD 1983

Supported in part by Maine Outdoor Heritage Fund lottery ticket sales

Map Prepared by Maine Department of Inland Fisheries & Wildlife
September 2024

Supported in part by Loon Conservation Plate funds