



Frenchboro, Maine  
**Comprehensive Plan**



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Prepared by the Town of Frenchboro  
with Assistance by

Wright-Pierce

*Adopted by the Town of Frenchboro Council on Month XX, 2017*

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# Project Background

The Town of Frenchboro, located on Long Island and on several smaller surrounding islands (Crow, Placentia Island, Great Duck Island, Little Duck Island, Pond Island, Black Island, and Harbor Island), is one of the state's few remaining year round residential island communities.

The Town desires to create a Comprehensive Plan that is consistent with the State of Maine's Planning and Land Use Regulation Act and that assists in providing guidance to a small island community of approximately 50 year-round residents. One goal of the Plan is to provide guidance as to how best the residents may manage their maritime resources in the short and long terms, given the recognition that effective management and planning of limited local capital resources is paramount to the sustainability of the community. The last such comparable plan was developed in 1979 and titled "Land Use Guidance Ordinance for Frenchboro" as adopted May 21, 1991. Since then much has changed in the Frenchboro community.

Frenchboro has completed several zoning ordinance initiatives and updates intended to regulate and govern the needs of the island community, yet these documents currently serve only as guidance instruments without legal standing and without the support of a state accepted Comprehensive Plan. All of these local ordinances need to be coordinated in a cohesive manner within one planning document. The importance of such comprehensive planning for Maine's remaining island communities supporting year-round residential populations is evidenced by recent and ongoing initiatives for several similar island municipalities such as Isle Au Haut, with similar rural demographics and diminishing grade school aged children.

Frenchboro is working hard to sustain year round island living, and to do that, the need to maintain public access to and from the working waterfront of Lunt Harbor is paramount. The State of Maine Ferry Service, which operates on a limited daily and seasonal basis, provides a significant public access service, as does the town-maintained public wharf. The town wharf not only serves the purposes of island residents' basic access needs, but is also critical for allowing visitors to Long Island such as eco-tourism related hikers, largely interested in exploring Maine Coast Heritage Trust properties.

The Town also recognizes the need to maintain basic levels of civic services such as the postal service, and elementary school in addition to directly supporting the working waterfront. The comprehensive planning effort will focus on all community assets, with the understanding that everything is tied to waterfront access, maritime activities and harbor management.

### PLAN GOALS

The comprehensive plan serves as an inventory of current conditions and a guide for future development. It is an official public document that is adopted by local voters and must be approved by the State of Maine. The plan does not enact ordinances or regulations. It does, however, provide a basis for future land use ordinances and future town policies. A locally adopted Comprehensive Plan is important for three key reasons:

- In accordance with State Statute under Maine's Growth Management Act (30-A M.R.S.A. §§ 4312 - 4350), a Town must have a consistent Comprehensive Plan to substantiate any zoning ordinance beyond the minimum required in the state shoreland zoning guidelines; to legally create an impact fee ordinance; or to create a rate of growth building cap ordinance. Without comprehensive planning of all of the Town's ordinances that have been adopted since the 1979 comprehensive planning effort can't legally stand up in a court of law to regulate said zoning ordinances, including the newly adopted Harbor Ordinance that was mandated by the Army Corps of Engineers after it was determined Frenchboro was in violation of Federally mandated requirements for harbor management.
- A consistent comprehensive plan helps a town qualify for certain state and federal grant and loan programs.
- Sound planning will assist the Town of Frenchboro in pursuing its' goals of sustaining a rural maritime island community and protecting its' long standing working waterfront.

### PLAN IMPLEMENTATION

A comprehensive plan is not a static document. Instead, it must be reviewed periodically to ensure that it is relevant and reflects the collective community opinion. Every five years the Town's appointed committee will review and evaluate any significant changes in the community. This committee will assess the progress toward achieving the specified goals of this plan. In a report to be discussed at annual town meeting, the implementation committee will offer recommendations toward achieving unmet goals or necessary modifications to the plan.

# 1

## Vision for the Community

### Vision Statement

Frenchboro's vision for its desired community future: to preserve and protect the rural, semi-developed character of one of Maine's few remaining year-round island communities. To continue to do so in a manner that promotes economic and social growth, public health safety and welfare and protects the natural resources that sustain its identity and well-being. Through comprehensive planning, the Town will be in a position to guide public and private land use decisions to ensure that this vision is promoted within the community, while continuing to maintain regional relationships with other islands and main land communities, as well as non-profit, state and federal agencies, whose partnership with Frenchboro is critical to sustain the community's existence.

Specific visions for the community identified during the public input process include:

- Maintaining a sustainable, year-round residential fishing community, maintaining the school, church and a re-establishing a local services store.
- Increase population growth, especially of young families with children.
- Maintain the islands natural beauty.
- Continue to foster supporting relationships between year round and seasonal residents.
- See more residents in town positions and an increase in the residents' community participation.

# 2

## Public Participation Summary

### Analysis, Conditions and Trends

The Town of Frenchboro currently has a total estimated population of approximately 60, of which about 37 are year-round residents. A Selectboard, which has varied in size and currently consists of three members, holds periodic meetings open to the public throughout the year to discuss a variety of topics that are of importance to the community. These Selectboard members serve many other community service roles and are supported by additional volunteers. Traditionally, the largest form of public engagement to reach both year round and seasonal residents has been facilitated by the annual town meeting held during June of each year. While this meeting has been successful in terms of making specific decisions on current community issues needing immediate attention, like applying for funding to assist with development of this plan for example, soliciting public input for comprehensive planning takes more time and effort than what is available with a single meeting.

The development of this Comprehensive Plan began in earnest during Selectboard meeting discussions that led to a Town conducted public survey in 2010. The survey sought to gain public feedback and to determine the level of local interest in development of the Plan. The Town received 25 responses to this preliminary initiative. Key findings from this initial survey were:

- Strong public support for the preservation of the community's natural beauty
- The provision of a good, safe place to raise children
- The provision of a quality education to the Town's children
- Maintaining the ability to work on the island
- Maintenance of a trail system
- Maintenance of the strong sense of community.

Several years of further discussions were held at publicly held Selectboard meetings regarding comprehensive planning and the need for a plan in place to validate many local ordinance initiatives that the Town had crafted since adoption of the 1979 Land Use Guidance

Ordinance for Frenchboro. Following these meetings, the Town obtained state funding from the Maine Coastal Program, assistance from the Island Institute, and consultant support from Wright-Pierce to develop a Comprehensive Plan that is consistent with state statute and which provides a framework for future land use.

A public meeting was held during October of 2015 to introduce the Comprehensive Planning process to the community and to gather initial input. After that meeting two rounds of public input surveys were conducted with individual households. The first survey was issued during the winter of 2015/2016 and primary feedback received was from year round residents. A second public input survey was issued during the summer of 2016 to gather additional input from year round residents as well as initial input from seasonal residents who traditionally live on the island between June and October. Public input surveys sought to identify each participants' visions for the community, and in regards to each the specific topic area components of this plan.

Public input on the final draft report was solicited during November of 2016.

*(A summary of the public input surveys is provided in the appendices to this plan)*

In addition to these meetings, information was provided with supporting research by the Island Institute Fellow and from community stakeholders including the Maine Coast Heritage Trust and a variety of state and federal agencies.

## Policies

Public input and data gathered serves as the basis for the Vision Statement, the topic area analysis, the goals and prioritization of implementation strategies, and the future land use planning.

Public input should continue to be sought every 5 years at a minimum to aid in assessing the implementation of the communities comprehensive planning strategies and to inform future comprehensive plan updates.

## Strategies

Adoption of the Comprehensive Plan to allow the Town of Frenchboro to enforce current land use ordinances that limit the impact of new development on archaeological resources.



Conduct updated surveys with the citizens and community stakeholders of Frenchboro that assess the effectiveness of the comprehensive plan strategies and which identify new topics of comprehensive planning interest that are important to the community

Collect survey data from island visitors to gauge their interests in Frenchboro (why do they visit? For how long? What amenities would they like to see available on the island? Etc.) This survey should be readily available at a location where they can be continuously available (i.e. a kiosk at the State Ferry Terminal landing) and collected periodically and compiled by Town officials.

## 3

## Historic and Archaeological Resources

### State Goal

To preserve the State's historical and archaeological resources.

### Town Goal

To comply with the State's goal and to provide public access to the wealth of historical information that is important to the community's heritage and sense of pride.

### Analysis

#### **Evidence of Historical Patterns of Settlement**

Historic patterns of settlement remain evident at the site of the Long Island's original settlement on Rich's Head, where depressions provide evidence of original building foundations.

Within Lunt Harbor, the Parsonage, Schoolhouse and Church are still standing and in use.

#### **Protective Measures in Place**

The Great Duck Island Light and Mount Desert Light Station listings on the National Register of Historic Places provides protection. Conservation easements held by the Maine Coast Heritage Trust on the majority of Frenchboro's islands, including the Rich's Head area also provide some protection from future development, but not necessarily for the maintenance and restoration of significant features.

The Town's *Land Use Guidance Ordinance* requires that proposed developments on or abutting sites listed on the National Register of Historic Places need permit approvals from the Maine Historic Preservation Commission before local approval is granted.

### Conditions and Trends

#### **Maine Historic Preservation Identified Resources**

Great Duck Island Light located on Great Duck Island, as well as Mount Desert Light Station located on Mount Desert Rock, are on the Nation Register of Historic Places. The Great Duck

Island Light and Mount Desert Light Station belong to the College of the Atlantic. The college restored them and continues to provide for their maintenance. There is no public access to these sites.

There are three known historic sites on Pond Island and two on Long Island. At one site between Placentia and Black islands, stone tools were discovered underwater by scallop draggers.

*(See appendices for map indicating approximate location of these sites)*

### **Historic Outline of the Community**

The following outline of the Town of Frenchboro's history is referenced from *Hauling By Hand: The Life and Times of a Maine Island* as written by island native Dean Lawrence Lunt.

"Long Island sits eight miles off the coast, one of the state's most remote island outposts and one of only fourteen Maine islands still supporting a year-round community. Only a century ago, there were some 300 such communities.

Frenchboro, the island's lone village, surrounds Lunt Harbor. The island's roots were set in the 1820s by the Lunt family and a small band of pioneers who together carved an island community from the spruce and granite shores. Fueled by the shipping and fishing industries, Outer Long Island, as it was known, evolved from outpost to important offshore port before economic changes transformed the island into a hardscrabble turn-of-the-century fishing village where nearly 200 residents scratched a living from depleted fishing stocks and rocky soil. Yet through determination, perseverance and Yankee ingenuity, the island survived despite its geographic isolation, devastating shifts in the fishing economy, a decades-long depression, a dramatic population loss and a school that nearly closed. But while not always an easy place to live, the island is also blessed with a well-sheltered and deep harbor, abundant natural resources, and raw physical beauty.

Today, the town of Frenchboro has a population of nearly fifty people, a small one-room school, a post office and one full-time business."

A brief timeline excerpted from the above referenced book is as follows:

1820 – Long Island is permanently occupied with the U.S. Federal Census listing three households on Long Island and a population of 19. (The originally settlement occurred on the outer coastal side of Long Island at Rich's Head) All three men of these households left by 1830.

- 1822 – The Lunt and Pomeroy families move to Long Island (within what is now known as Lunt Harbor on the inner coastal side of the island) from Swan Island and produce 52 children between their four families. The Lunts start the island’s first major business, shipping fish, wood and stones to Boston and other ports.
- 1827 – The first know death is recorded on the island. The Arcade is first known schooner, either built for or on the island.
- 1834 – Swan Island Plantation is formed.
- 1835 – Israel Lunt purchases Long Island (From Col. Swan), then later Johns Island, Harbor Island, Crow Island and the Sister Islands.
- 1840 – Long Island Plantation is organized and includes Long Island, Black Island, Placentia Island, Pond Island, Great Duck Island, Calf Island and Harbor Island.
- 1842 - The first schoolhouse is built. The building also serves as a church and community building.
- 1843 - Baptist Church of Long Island officially organized.
- 1857 - Long Island Plantation is officially incorporated as the town of Islandport.
- 1858 - Islandport dissolves and Long Island Plantation is restored.
- 1880 - 8 of the islands 41 fisherman begin fishing for lobsters.
- 1889 - Baptist Church is officially dissolved and the Congregational Church of Outer Long Island is formed.
- 1890 – The islands first chapel is built.
- 1891/92 – The island’s first Post Office is established and the Town was renamed Frenchboro.
- 1900 - Long Island has 34 houses and a population of 159.
- 1901 - Calf Island and Western Black Island are set off to the town of Swans Island.
- 1904 - Church Parsonage is built.
- 1907 – Current schoolhouse is built.

- 1914 - Parish House is added to the church.
- 1920s – Daily mail service begins.
- 1939 - Herring fishing begins which brings the Long Island community out of its economic depression.
- 1940 - First state aid road is completed around the harbor on Long Island.
- 1950 - First ferry service to Long Island is established.
- 1956 - Electric service is provided to Long Island by underwater cable from Swans Island.
- 1961 – First car ferry service to Long Island begins.
- 1962 - Long Islands holds first lobster festival.
- 1963/64 – School dwindles to two students.
- 1964/65 – The first foster children arrive on Long Island.
- 1973 - Island only telephone service is established.
- 1976 - Inner part of Lunt Harbor is dredged for deep water access and anchorage.
- 1979 - The Town of Frenchboro is established, encompassing all of the islands of Long Island Plantation.
- 1979 - The school population is down to 1 student and classes are moved to a private home. The schoolhouse is not utilized for the first time.
- 1979 - Frenchboro Historical Society is established.
- 1979 - The “Land Use Guidance Ordinance for Frenchboro, Maine” was created and several specific topic local ordinances were crafted during the 1980s and 1990s.
- 1980 – Island population is at 43.
- 1980s – State approves a grant in support of the Homestead Project and Frenchboro Future Development Corporation is organized.
- 1983 - The last long-running island store closes.

- 1983 - Telephone service to the mainland is established.
- 1986 - The Frenchboro Historical Society Museum is built.
- 1987 – The Community Building is built in the ballfield.
- 1987 - The first “Homesteader” family moves to Long Island.
- 1987 - Lunt’s Dockside Deli opens.
- 1987 - The Homestead Project builds 12 houses.
- 1990s – The Maine State Ferry Service expands to three weekly trips with seasonal passenger only round trips on Fridays.
- 1999 - The Rockefeller’s 850-acre parcel is put up for sale, encompassing the majority of Long Island other than the area immediately surrounding Lunt Harbor. The land is protected by the Island Institute and Maine Coast Heritage Trust with the intent to protect most of the land from development but allow the town some room for growth.
- 2012 - The Town reconstructs a portion of the town pier and establishes public access to the waterfront under control of the Town.

**Community Identified Resources**

Buildings of local significance to the community include the Parsonage, Schoolhouse and Church. These buildings are in fair condition and are actively used. The church maintains active services June through September. Additional services on holidays and special events are held in the Church by the Maine Seacoast Mission Society.

There is a wealth of knowledge based history and artifact collections that are compiled and cared for by the Frenchboro Historical Society at their museum.

**Threats to Local and State Resources**

No professional surveys for historic archaeological sites in Frenchboro have been identified.

A comprehensive survey of Frenchboro’s historical above-ground resources needs to be conducted in order to identify additional properties that may be eligible for nomination to the National Register of Historic Places.

The major threat to historic and prehistoric sites is inadvertent damage through new development because many of the historical sites and buildings are not formally identified.

Until the comprehensive plan is adopted, prior or potential future ordinances cannot be used by the town to enforce protection of these resources.

## Policies

Protect to the greatest extent practicable, the significant historic and archaeological resources within the Town of Frenchboro.

## Strategies

Adoption of the Comprehensive Plan to allow the Town of Frenchboro to enforce current land use ordinances in place that protect impacts to archaeological resources from new development.

Amend the *Land Use Guidance Ordinance* to include known historic and archaeological resources as identified by MHPC.

Coordinate with MHPC, MCHT and volunteer archaeological / historic preservation interests to perform State recommended surveys that focus on the identification of potentially significant resources associated with the town's agricultural, residential, and industrial heritage, particularly those associated with the earliest Euro-American settlement of the town in the 19th century. The sites on Pond Island and Long Island need intensive level survey in particular.

Continue to support the Frenchboro Historical Society's efforts to record oral and physical records of historic and archaeological resources in digital documentation.



# 4

## Water Resources

### State Goal

To protect the quality and manage the quantity of the State's water resources, including lakes, aquifers, great ponds, estuaries, rivers and coastal areas.

### Town Goal

To comply with the State's goal and to provide safe public drinking water, and fire pond water for the residing community of Frenchboro on Long Island.

### Analysis

#### **Point Source and Non-Point Source Pollution**

There are no known point source or non-point source pollution sources in Frenchboro. No known incidents or studies have been performed to identify such threats.

#### **Protection of Groundwater, Surface Waters and Their Recharge Areas**

Groundwater, surface waters and their recharge areas are largely protected by the conservation land ownership patterns above them.

Local ordinances are also in place to protect public drinking water well sources per State Plumbing Code.

Given that there are no locally identified surface drinking water resources and subsurface aquifers are not anticipated to be impacted by historical, current and future development trends, no harm to such resources is applicable by a department of public works maintenance operations or development pattern. Should such surface water features present themselves in the future, necessary public works operations will be regulated by state best management practices to protect these potential new resources.

#### **Threats to Local and State Resources**

There are no state identified surface waters in Frenchboro.

*(See Maps. For threats related to freshwater wetlands and marine environments, see section Natural Resources Section 5 and Marine Resources Section 7).*



Local water supply is by drilled wells through granite bedrock into subsurface aquifers. The threat to this resource is minimal, given the primary land use pattern of residential development and deep well water source. No known incidents to this system or subsequent studies have been performed to identifying such threats.

## Conditions and Trends

### **State Identified Water Resources**

There are no state identified great ponds, lakes or streams in Frenchboro.

*(See Maps. For threats related to freshwater wetlands and marine environments, see section Natural Resources Section 5 and Marine Resources Section 7)*

### **Resource Protection**

There are no known threats to aquifer drinking supplies. Local ordinances follow state code requirements for installation of private drinking wells in relation to the location of existing septic systems which could pose potential threats.

## Policies

Current drinking water supplies from subsurface aquifers are regulated and protected by local and state ordinances. Their locations relative to septic disposal systems are governed by these ordinances. This policy will continue.

Underground aquifers are the source of drinking water supply. Identification of new pollution threats and opportunities to improve the protection of the sources will continue to be monitored by the Town.

As new development occurs, all private septic disposal fields will be required to meet state code.

No neighboring communities and regional interests are affected by, nor expected to impact Frenchboro's public drinking supply. The Town will continue to monitor this situation.

The existing fire pond should be protected from any potential sources of contamination that may be identified.

## Strategies

Town ordinances should be updated to reference the latest Maine State Stormwater Management Law regulations (Title 38 M.R.S.A. §420-D and 06-096 CMR 500 and 502) and Maine Pollution Discharge Elimination System Stormwater Program requirements.

Should new threats to public drinking water arise, the Town will prioritize immediate response to protect them. This may require such measures as detailed investigations by a state licensed hydrogeologist and enactment of aquifer recharge protection mechanisms.

The Town will review and consider amending local land use ordinances as applicable to incorporate low impact development standards.

The Town shall require that all subdivision and site plan review applicants demonstrate that their developments will not have an adverse impact on ground water quality and quantity.

The town will properly store and encourage the proper storage of toxins and pollutants.'

The Town will review and consider amending local land use ordinances as applicable to put in measures to protect the fire pond as a source of water for fire suppression needs.



# 5

## Natural Resources

### State Goal

To protect the State's other critical natural resources, including without limitation, wetlands, wildlife and fisheries habitat, sand dunes, shorelands, scenic vistas, and unique natural areas.

### Town Goal

To comply with the State's goal.

*(Please note that fisheries are expanded upon further in Section 7 Marine Resources)*

### Analysis

#### **Threats and Protective Measures**

There are no known immediate threats to Natural Resources in Frenchboro from development. This is largely due to the condition of ownership over these areas primarily under conservation easement as follows:

- The majority of Crow Island is owned and under conservation easement by Maine Coast Heritage Trust with the remainder owned by Swans Island Electric Co-Op who operates as a local utility provider.
- The majority of Great Duck Island is owned by the Nature Conservancy and under conservation easement.
- Little Black Island is owned by Maine Coast Heritage Trust and is under conservation easement.
- Black Island is approximately 50% owned by the Doering Family and under conservation easement by Maine Coast Heritage Trust, with most of the remaining island owned by the State of Maine.
- Pond Island is owned by Maine Coast Heritage Trust and is under conservation easement.
- Approximate 80% of Long Island is owned by Maine Coast Heritage Trust and under conservation easement.

- Little Duck island is owned by the Nature Conservancy and under conservation easement.
- Placentia Island is owned by the nature Conservancy and under conservation easement.
- Associated ledge outcrops identified as Green Island and Drum Island have no ownership and are under no threat from development.

The Town has in place development ordinances that are aimed to be consistent with the state's Shoreland Zoning Act and Resource Protection District requirements. These defined land use districts within the Town's *Land Use Guidance Ordinance* are currently designated on Long Island only and should be applied to all other islands under control by the Town of Frenchboro.

Frenchboro's town zoning ordinances and state shoreland zoning regulations are designed to protect critical natural resources; however, the adequacy of the existing measures is unclear because of the lack of enforcement.

Enforced compliance with the State's Shoreland Zone Act provides the greatest means to protect Frenchboro's natural beauty and maintain the scenic views to surrounding coastal seascapes, Mount Desert Island and Acadia National Park. The scenic experience on Long Island represents a significant opportunity to market tourism based economic growth for the community.

### **Regional Cooperation**

Frenchboro does not share any common physical plan borders with surrounding communities and does not share any common critical natural areas with surrounding communities or regional interests. The Town recognizes the interests of state and federal agencies interests in critical natural resources, and has several significant non-profit land owners within the community who have local and regional interests in conservation of natural resources and they are in communication with these agencies on an on-going basis.

## Conditions and Trends

### **State Identified Natural Resources**

The Maine Department of Inland Fisheries and Wildlife's Beginning with Habitat Program has identified the following natural resources of significance to Frenchboro:

#### Rare, Threatened and Endangered Plants

Blinks (*Montia fontana*)

#### Rare, Threatened and Endangered Animals

Bald Eagle (*Haliaeetus leucocephalus*)

Harlequin Duck (*Histrionicus histrionicus*)

Purple Sandpiper (*Calidris maritima*)

#### Rare and Exemplary Natural Communities and Ecosystems

Black Spruce Woodland

#### Significant, Essential and other Animal Habitat

Seabird Nesting Island

Tidal Waterfowl and Wading Bird Habitat

#### Bird, Fish and Insect Species of Greatest Conservation Need

There are just over 50 species (mostly bird) recognized by the state that may find breeding habitat within the geographic region of Frenchboro, based on the state's Atlas.

#### Wetlands

Long Island has numerous wetlands, along with a manmade pond at the quarry in the middle of the island, which provide important habitats for a variety of flora and fauna, as well as water filtration and coastal shoreline protection services.

Each of Frenchboro's islands are surrounded by aquatic beds and coastal wetlands.

Long Island has several acres of shrub-scrub and forested wetlands.

Great Duck Island and Black Island have several acres of shrub-scrub wetlands.

Placentia Island has several acres of forested wetlands and one small area of shrub-scrub wetlands.

Pond Island has several acres of shrub-scrub and emergent wetlands

As noted above, there are a variety of individual natural resources of interest to the State, however there are no currently identified focus areas of statewide significance.

*(See Maps for locations of natural resources of significance located within Frenchboro)*

### **Scenic Views**

The coastlines of all of Frenchboro's islands, to and from, are considered of scenic value to the community. Visual protection of almost all of Frenchboro's coastal waters to and from the shore is in place via the State's shoreland zoning management regulations. In addition to state regulations, further protection is in place by default of land under private conservation.

### **Policies**

The Town will act to conserve critical natural resources in the community to the greatest extent practical and conform with all state regulatory requirements.

The Town's ordinances will be reviewed a minimum of every five years to ensure they are consistent with applicable state and federal natural resource protection acts.

At a minimum, the Town will discuss natural resource protection goals with Tremont and Swans Island every five years.

### **Strategies**

Ensure that the Town's ordinances are consistent with applicable state law regarding critical natural resources.

Continue to recognize and identify critical natural resources in future land use zoning policies.

Continue to ensure that new development is required to recognize state identified critical natural resources and follow applicable regulations to protect those resources.

Update ordinances to address Resource Protection zoning beyond coastal shoreland limits on all of Frenchboro’s islands to be consistent with state requirements for natural resource protection areas.

Pursue public / private partnerships with some of the community’s largest land owners who have conservation easements on the majority of Frenchboro’s lands, to ensure that these natural resources are protected for the benefit of the overall environmental and economic wellbeing of the community.



## 6

# Agricultural and Forest Resources

## State Goal

To safeguard the State's agricultural and forest resources from development which threatens those resources.

## Town Goal

To comply with the State's goal.

## Analysis

### **Importance of Agriculture and Forestry to Frenchboro**

Frenchboro's economy is primarily dependent on maritime fishing activities. There is little value in the forest lands under conservation easement to the community, other than as preserved resources.

There is concern that lack of management of these forests poses a threat of un-controlled wildfire that could significant impact on the residential community surrounding Lunt Harbor on Long Island. There is no existing firefighting capabilities to combat that threat.

The Town is continuing to discuss the concerns of potential wildfire threats from unmanaged forests under conservation easement on Long Island.

The most significant threat to Frenchboro's forest resources is from potential wild fires and a lack of fire protection facilities on the islands. The conservation lands are no longer actively managed, leaving a significant amount of blow downs and loose forest duff material building up that could assist in rapid acceleration and wide spread travel of a forest fire. If tourist traffic increases and in particular, if camping with fires is allowed, the risk of forest fires causing wide spread damage to the existing forest resources in Frenchboro could be significant.

Most of the buildings on Long Island currently lack a defensible open space of more than 30 feet from adjacent forested growth, however, establishing such breaks at strategic locations throughout the larger forested parcels could greatly assist with suppressing the spread of a



wild fire over large tracks of undeveloped land on Long Island in particular, and also on the other islands.

The majority of Frenchboro's lands are anticipated to remain undeveloped. Agricultural and forestry management options, whether by private management or as town-owned community forests and farmer's markets, are almost non-existing based on the majority of the lands conservation easement conditions.

Black Island, which is owned by the Doering Family, is enrolled in the state's soft tree growth program.

## Conditions and Trends

### **State Identified Agricultural and Forest Resources**

The state has identified agricultural soils on Pond Island and Placentia Island. These islands are currently under conservation easement and are covered with black spruce forest.

The Town of Frenchboro has no active, or past recent farms, farmlands and managed forests.

Much of Long Island and Frenchboro's outlying islands have black spruce forests identified as significant to the state as critical habitat. Mature white spruce and balsam fir are also common, and there are pockets of other species including white pine, red oak, red maple, pitch pine, hemlock and tamarack. The Maine Forest Service reports no significant harvests over the past several decades.

The majority of the black spruce habitat that predominantly covers the islands of Frenchboro is protected under conservation easement ownership. These forests have not been actively managed under this ownership.

There are no current properties enrolled in the state's farm or open space law taxation programs. Nor are there any community gardens, farmer's markets or community forests.

## Policies

Safeguard lands identified by the State as prime farmland or capable of supporting commercial forestry.

Promote forest management practices that minimize the threat of wildfires.

## Strategies

Coordinate with conservation easement holders and the state's Maine Forest Service district forester when updating the Town's current land use ordinances pertaining to forest management practices as required by 12 M.R.S.A. §8869.

Should conditions change regarding lands under current conservation easement, the Town will consider consulting with state Soil and Water Conservation District staff in developing any new land use regulations pertaining to agricultural management practices.

Monitor the conservation status of current farmland soil areas and black spruce forests. Should they become unprotected in the future, the Town will consider ordinance regulations regarding commercial or subdivision developments that would protect these areas as open space to the greatest extent practicable.

Also, should the conservation status of these areas change in the future, the Town will consider limiting non-residential development in these areas to natural resource based businesses, farmer's markets and home occupational businesses.

Furthermore, should such development occur, owners of productive farms and forests will be encouraged to enroll in the state's current taxation programs to promote sustainable farming and forestry economies.

Keep an open dialog with forest conservation area owners and assist in monitoring areas of concern in terms of potential wild fire threats to the community.



## 7

## Marine Resources

### State Goal and State Coastal Policies

To protect the State's marine resources industry, ports and harbors from incompatible development and to promote access to the shore for commercial fishermen and the public.

To promote the maintenance, development, and revitalization of the State's ports and harbors for fishing, transportation and recreation;

To manage the marine environment and its related resources to preserve and improve the ecological integrity and diversity of marine communities and habitats.

To expand our understanding of the productivity of the Gulf of Maine and coastal waters and to enhance the economic value of the State's renewable marine resources;

To support shoreline management that gives preference to water-dependent uses over other uses, that promotes public access to the shoreline and that considers the cumulative effects of development on coastal resources;

To discourage growth and new development in coastal areas where, because of coastal storms, flooding, landslides or sea-level rise, it is hazardous to human health and safety;

To encourage and support cooperative state and municipal management of coastal resources;

To protect and manage critical habitat and natural areas of state and national significance and maintain the scenic beauty and character of the coast even in areas where development occurs;

To expand the opportunities for outdoor recreation and to encourage appropriate coastal tourist activities and development;

To restore and maintain the quality of our fresh, marine and estuarine waters to allow for the broadest possible diversity of public and private uses; and,

To restore and maintain coastal air quality to protect the health of citizens and visitors and to protect enjoyment of the natural beauty and maritime characteristics of the Maine coast.

## Town Goal

To comply with the State's goals.

To continue to support a community that prioritizes independence and the continuance of subsistent living based on maritime fishing activities.

## Analysis

### **Monitoring of Coastal Waters**

Most of the waters surrounding Frenchboro are deep waters with limited water monitoring performed by the State.

### **Local or Regional Plan for Identifying and Eliminating Pollution Sources**

The Town's local regulations protect immediate pollution source threats to Lunt Harbor. Potential pollution threats from aquaculture operations are monitored by the state.

### **Shellfish Industry and Closures**

There are no significant shellfish harvest in Frenchboro and the community is not currently effected by potential state closures. Recent closures on adjacent shellfish areas near Swan's Islands are the closest local threat to this resource.

### **Status of Deepwater-Dependent Uses**

Currently lobster is the most important commercially fished species. The health of the lobster stocks is of great importance to the community. An increase in fuel and bait prices combined with a decrease in lobster prices can have significant effects on this primary depending economic driver of the Town. Frenchboro fishermen are in competition with interests in their offshore waters by mainland fishermen. Halibut, herring and cod fishing are also supported by deep waters, however these fishing practices are typically a supplemental source of income to Frenchboro's fishermen.

### **Balance Between Water Dependent and Other Uses**

Marine resources are integral to almost all aspects of Frenchboro's community. The water quality surrounding the island is generally excellent, and numerous species can be found there supporting the community's primary economy of fishing. The waters are also sailing destinations, and to a lesser extent paddling which are supported within the shelter of Lunt Harbor.

Protection of the coastal water habitats is important not only for commercial fishing for lobster commercial, herring, ground fish, clams, sea urchins, sea cucumbers, mussels, and scallops,

but also for overall preservation of the marine environment to provide a balanced ecosystem that sustains the commercial fishing stocks and supports the quality of place that is of high importance to the community of Frenchboro and for visitors to the islands. In addition to commercial fishing activities, the waters also support recreational fishing and sea duck hunting. With Long Islands sheltered harbor and system of public island trails and scenic shoreline, it is a destination for sailboat cruisers and hikers visiting by ferry.

**Local Ordinances**

Local land use ordinances are in place that focus on protection of the quality and character of Frenchboro’s shoreline and harbor. These regulations promote public access to Lunt Harbor and the adjacent residential village.

**Local Harbor Management**

More than 60 moorings are in the dredged zone within Lunt Harbor and support year round, and seasonal interests. Additionally, there are five rental moorings owned by Lunt and Lunt located outside the dredged zone. All moorings are subject to US Army Corps of Engineers(USACOE) regulation.

The Town needs to continue to coordinate with ACOE to develop a harbor management plan that justifies their continued need for dredging of the harbor.

**Waterfront Access Points**

Public access to the Lunt Harbor on Long Island is by way of the Town Pier. The Town has also been gifted shorefront lands near the existing State Ferry Terminal facility and is evaluating expansion of public access in this area as well. Public access is also available at the State Ferry Terminal on a limited schedule basis.

There are numerous private docks and moorings.

All of these access points are within Lunt Harbor on Long Island.

**Scenic Resources**

*(See description under Natural Resources Section)*

**Access to Coastal Waters**

The Town maintains a pier approximately 100 feet in length with a gangway and attached float system that provides water access during all tidal conditions. Additionally, an adjacent boat launch provides access during mid and high tides.

The State maintains deep water access at the ferry terminal landing at the end of East Shore Road. This parcel was given to the Town of Frenchboro by Maine Coast Heritage Trust and will be under control of the Town should the State cease its operation of ferry terminal services.

## Conditions and Trends

### **State Data**

As of 2014 records indicate that there were (2) lobster/crab apprentice licenses, (1) lobster / crab class I license, (6) lobster / crab class II licenses, (3) lobster / crab class III licenses, (2) lobster / crab student licenses, and (1) lobster / crab under age 18 license issued to the Town's residents.

There were (2) 18-ft vessels, (1) 22-ft vessel, (1) 30-ft vessel, (2) 31-ft vessels, (1) 34-ft vessel, (1) 36-ft vessel, (2) 37-ft vessels, (3) 42-ft vessels, and (3) 45-ft vessels registered by the Town's residents.

### **Shoreline Development Regulations**

The Town's shoreland zoning, floodplain management, and harbor ordinances regulate land use development patterns on or near the shoreline.

Current efforts are underway to coordinate with the U.S Army Corps of Engineers (USACOE) to develop a harbor master plan that satisfies their requirements within Lunt Harbor. The Harbor is a federally navigable waterway and in need of dredging, as approved by USACOE, to ensure continued commercial fishing vessel access.

Frenchboro falls with the State's Department of Marine Resources Zone B District 5 lobster management program.

The water quality surrounding Frenchboro is good. The waters surrounding Long Island are rated as Shoreline Class B (SB), or general-purpose waters. The water is suitable habitat for all indigenous fish, estuarine, and marine life. Suitable uses include recreation, fishing, aquaculture, the propagation and harvesting of shellfish, navigation, industrial process and cool water supply, and hydroelectric power generation. Discharges may not cause the closure of shellfish beds, and there are limits on the levels of bacteria permitted. The waters surrounding the northern islands closer to Bass Harbor and Acadia National Park, are rated as Shoreline Class A (SA). Bacteria and dissolved oxygen levels must be maintained at the natural levels. Direct discharge is prohibited. Frenchboro falls within the shellfish

management area 42B within the vicinity of Swan’s Island, which has recently experienced periodic closure to shellfish harvesting due to pollution.

## Policies

To protect, maintain, and where warranted, improve marine habitat and water quality.

To foster water-dependent land uses and balance them with other complimentary land uses.

To maintain and, where warranted, improve harbor management and facilities.

To protect, maintain and, where warranted, improve physical and visual public access to the community’s marine resources for all appropriate uses including fishing, recreation and tourism.

## Strategies

Identify needs for additional recreation and commercial access to Lunt Harbor (including parking, boat launches and docking space.)

Encourage owners of marine businesses and industries to participate in clean marina / boatyard programs.

Support implementation of local and regional harbor and bay management plans.

Work with local property owners, land trusts and others to protect major points of physical and visual access to coastal waters, especially along public rights of way and lands.





# Population and Demographics

**State Goal**  
None required.

**Town Goal**  
Not applicable

## Analysis

### **Expected Rates of Population Change and Implications**

Since Frenchboro has a small and variable population history, it is difficult to predict future population changes. The current population trends seen over the past few decades, with relatively stable population size and demographic age grouping, are expected to continue for the next few decades with the overall population aging and seasonal residents making up the largest demographic group. The Maine Office of Policy and Management estimates that the total population will grow to 73 in total over the next 25 years.

These trends are also consistent with overall Hancock County and State of Maine population and demographic productions during that same period.

Projected Population	2017	2027	2032
Frenchboro	65	71	73
Hancock	39,513	38,985	38,464
Maine	1,327,924	1,315,840	1,300,166

### **Potential Demand on Housing, and Municipal and School Services**

With past recent and current population and demographic trends expected to remain generally the same over the next few decades, demands on housing, municipal services and school services will likely remain the same as they existing today.



To encourage young families with children to live and remain in the community for an extended period of time, affordable housing needs to be in place and expanded on if this demographic is expected to grow.

The school has capacity to serve many more children than the populations in the single digits that have been enrolled during each of the past few years.

Maintaining a school is central to maintaining a viable year round community and municipal services.

Without a balance of year round and seasonal residents, municipal services in general will be challenging to maintain due to seasonal fluctuation and inconsistent availability of volunteer support resources.

### **Seasonal Population and Visitors**

Frenchboro's seasonal population has increased significantly over the past few decades and is estimated to grow the total population during the summer months to a total of approximately 75 residents. This seasonal fluctuation has caused some concern within the year round resident community. These seasonal residents play critical roles doing volunteer work and serving in community service positions during the summer months. However, during the winter months the lack of this valuable resource can lead to the inconsistent management and provision of basic community services.

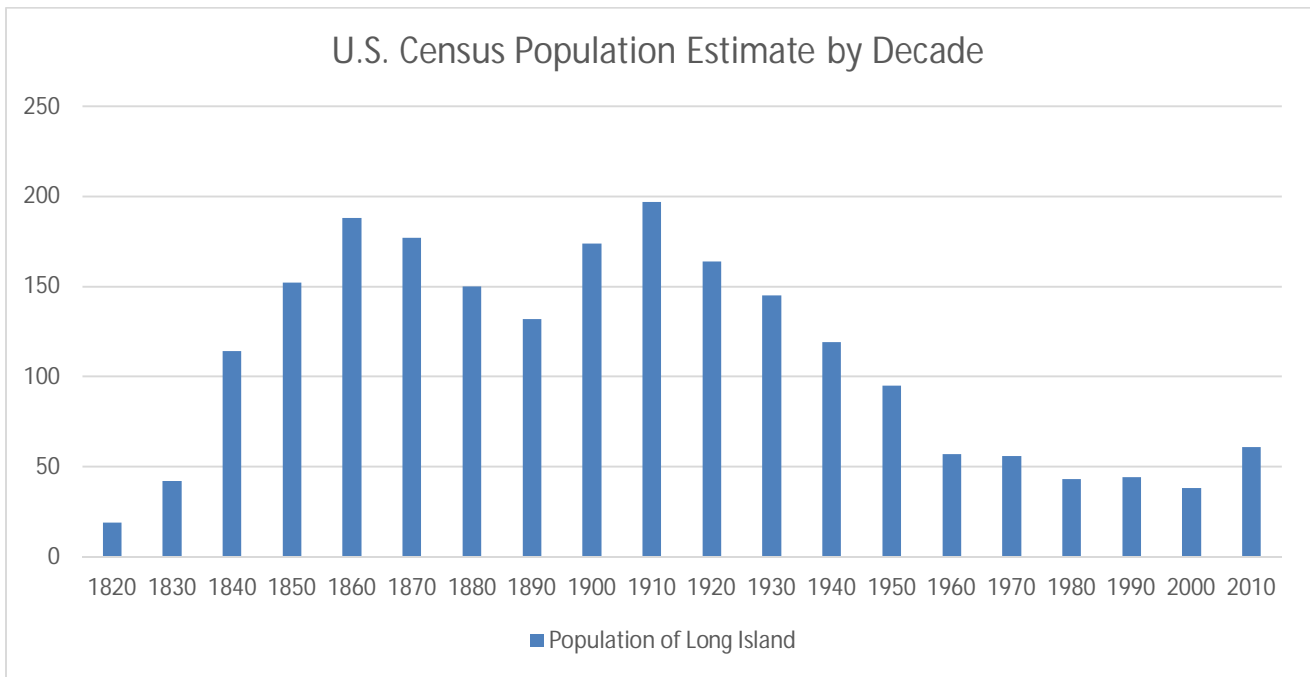
Currently, the Town's financial dependence on visitors and supporting services (lodging, retail stores, etc.) is fairly minimal. Other than Lunt's Dockside Deli, which provides meals for visitors during the summer months, the majority of the visitors come to explore Maine Coast Heritage Trust's conservation lands and trails, transported for day trips, by the State's Ferry Terminal Service and by Island Cruises.

## **Conditions and Trends**

### **General Overview**

Frenchboro has a year round population as well as a seasonal population. The year round population has been generally decreasing for several decades. According to U.S. Census data, the Town of Frenchboro's population on Long Island peaked at 197 in 1910 and thereafter steadily declined to 38 in 2000. Additional records regarding the total population of all of Frenchboro's islands, which fluctuated from one decade to the next during the various community incorporations, (Long Island Plantation, Islandport, etc.) are available as they

have been recorded by local families. These records exist in publications such as *Hauling By Hand: The Life and Times of a Maine Island*. However, changes in the various community isl and configurations make it difficult to accurately analyze these unofficial total population estimates. For that reason, the U.S Census has only used Long Island, which historically been Frenchboro’s main island with a residential population, for the majority of its survey and inhabitation records.



The population of Frenchboro increased moderately over the last decade to 61 in 2010. Local estimates indicated that the year-round population dropped to 25 during the winter of 2015/16.

There are currently 3 students attending the Frenchboro School (grades K-8). 2 students are currently attending high school off island. In addition, 2 families recently moved off Long Island to the mainland as a result of their children going to high school and to support their ability to participate in sports.

2010 U.S. Frenchboro Year Round Residential Population Census Data by age group and percentage of total population.

	7	11.5
5 to 9 years	10	16.4
<b>10 to 14 years</b>	<b>4</b>	<b>6.6</b>
15 to 19 years	1	1.6
20 to 24 years	4	6.6
25 to 29 years	8	13.1
30 to 34 years	3	4.9
35 to 39 years	2	3.3
40 to 44 years	5	8.2
45 to 49 years	4	6.6
50 to 54 years	3	4.9
55 to 59 years	1	1.6
60 to 64 years	1	1.6
65 to 69 years	4	6.6
70 to 74 years	3	4.9
75 to 79 years	0	0.0
80 to 84 years	0	0.0
85 years and over	1	1

Frenchboro has no daily commuters to and from the Island. Most people living in Frenchboro work on Long Island or on the surrounding waters. The State Ferry Boat schedule makes commuting to the mainland impossible within the constraints of a traditional work schedule.

The availability of high speed internet in some areas permits telecommuting. As of 2010 DSL is available in areas near the Town Office, the Library and the Frenchboro School received a fiberwire connection during 2016. These services are not readily available for most of the rest of Long Island and does not existing on the other islands of Frenchboro.

## Policies

Encourage the growth of a healthy, diverse and sustainable year round population between 50 to 100 residents.

Support a diversity of housing types and provide affordable housing.

## Strategies:

Continue to support the prior work of the Town to provide affordable housing and economic development opportunities.

Continuing with dedicated lobster fishing licenses for year round residential families with 2 or more school age children in partnership with the State of Maine's Department of Marine Resources, and looking for opportunities to expand the Homestead Project, including obtaining state and federal funding sources when available to increase affordable housing stock.

Continue to work with volunteers and regional partners / stakeholders to explore opportunities to promote the island to visitors in a sustainable manner.

Continue to work with volunteers, the state, and regional partners / stakeholders such as the Island Institute, to provide education for grades K-8 as currently served.

Consider opportunities to expand school services now that online schooling resources including state Charter Schools are in place, that can allow students through high school to live on the island and complete their state education requirements.

Continue to involve both year round and seasonal volunteers in municipal service opportunities and work with regional partners and stakeholders for additional volunteer support (i.e. the Island Fellow program).



# 9 Economy

## State Goal

Promote an economic climate that increases job opportunities and overall economic well-being.

## Town Goal

To comply with the State's goal, while maintaining a primary focus on the community's long standing fishing economy.

## Analysis

### **Changes in the Local Economy**

The local fishing economy of Frenchboro experienced little change over the past several decades in terms of continuity as the primary source of employment.

The decrease in the overall population, placement of the majority of the land under conservation and increased ownership by non-profit organizations has had a significant negative impact on the municipal tax base.

### **Economic Priorities for the Community**

Maintaining Frenchboro's fishing heritage and working waterfront is the top priority for the community. The Maine Coastal Program's Working Waterfront Initiative is the primary resource of regional economic development planning support for this priority.

### **Tourism and the Local Economy**

Tourism has not played a significant role in the local economy of Frenchboro to-date. Recent placement of land under conservation has drawn interest from visitors to Long Island to explore the islands trails and coastline, however these visits have been somewhat hindered by limited ferry schedules and a lack of lodging, eateries and convenience goods stores. This is one area of potential economic growth for the community but it is only currently seen as a priority in terms of supporting and complimenting the primary economic driver of the community as a fishing village.

**Home Occupation**

There is little record of home occupation efforts in Frenchboro and the current community economy is focused on commercial fishing. It is allowed under current land use ordinances, however the community may be hesitant to encourage it if it puts a stress on available housing for fishing families.

**Commercial and Industrial Development**

There are local ordinances in place to govern basic development standards for onshore commercial and industrial development. There is little available land to allow for this develop, and there is not public water and sewer service to support it. Broadband is available but on a limited basis and within close proximity of Lunt Harbor.

Off-shore commercial and industrial development has taken shape in recent years in the form of aquaculture. Cooke Aquaculture has developed salmon farms just off the coast of Black Island. This industry is regulated by the State and the Town does not receive any tax base from this development so there is little support to further promote this industry from that standpoint, and little interest expressed by local fishermen to shift from fishing for wild caught stock to farm raised stock.

**Uniqueness of Frenchboro and Associated Economic Opportunities**

One of Frenchboro’s greatest economic assets is its quality of place. The beautiful scenery, secluded location, sheltered harbor, clean environment and quiet atmosphere, attracting both visitors and residents to the island.

The island’s somewhat isolated location from the main land, affords convenient access to the deep waters and marine resources surrounding Frenchboro’s island, for local fishermen based on Long Island.

While the unique location is a strength to the local fishing economy, it is also recognized as an economic challenge to the community. Its isolation from the main land and the limited available developable land have resulted in small populations, higher costs of living and higher costs of operating commercial enterprises. The small population and limited numbers of visitors means that the State Ferry Service Schedule does not allow for daily commuting to the mainland. Additionally, families that relocate to the main land when their children reach high school age, do not often return to Frenchboro later on.

## Conditions and Trends

### **State Economic Data**

The Maine Office of Policy and Management provides the following data estimated as of 2014:

Median household income - \$64,000 (with a \$25,964 margin of error)

Employed persons ages 16 and older – 35 (with a margin of error of 12)

Transportation means of travel and travel time estimates by the state have a margin of error of 100% and more detailed local knowledge is provided below.

### **Brief History of Frenchboro’s Local and Regional Economy**

One of Frenchboro’s greatest asset is its quality of place and distant location offshore from the main land. The natural resources, physical beauty and tranquil maritime community attract year round residents, seasonal residents, and tourists alike. Since the early settlement of Frenchboro, the economy has been primarily tied to coastal fishing activities. Being located eight miles offshore from the main land is of benefit to the fishing economy as there is less competition from large population fishing bases have to travel farther that the community’s fishermen to reach the deep fishing waters surrounding Frenchboro.

Frenchboro has also experienced various levels of successful regional partnerships with fishing co-op programs to transport and sell their catch.

There are no local economic development plans. The Hancock County Planning Commission and Eastern Maine Development Corporation are regional planning groups in place to serve each county community. There are no specific economic development reports generated from these organizations within the past five years that are connected to Frenchboro.

The Town is dependent on a partnership with the U.S. Army Corps of Engineers (ACOE) in terms of harbor management to support their fishing industry. The ACOE regulates all federally navigable waters and authorized dredging of the harbor which is critical to allow commercial fishing boats access to the Town’s pier.

### **Frenchboro’s Workforce / Employers**

The nature of living on an island means that many of Frenchboro’s residents have more than one occupation and self-employment is high. For example, one may lobster, but work as a carpenter during the winter. As a result, the 2014 state data does not create a realistic picture of the occupations of the community.

Small businesses on Frenchboro have had mixed success and currently are represented by Lunt's Dockside Deli and each of the 12 lobster boat owners. The Town estimates 18 year round residents are employed in the lobster fishing industry.

Others employed in the community include one teacher, one person is employed as an artist who sells their products online, one part-time town administrator, one person as a paid town maintenance employee, and Selectboard members receiving a town stipend.

Employees working in Frenchboro from other communities in the region include the Swan's Island Electric Co-op (soon to be merged into Emera), the College of the Atlantic, The Nature Conservancy, Maine Coast Heritage Trust, the United States Post Office, the State of Maine Department of Transportation, private water taxis, private skilled construction laborers / tradesmen (plumbers, electricians, etc.) tax collectors/assessors, and Cooke Aquaculture. Additional school staff live off island including music teachers and the principal who visit the school on round trip Wednesdays.

All of the residents live within minutes of their fishing boats or on-shore employment destinations and commute primarily by personal vehicle, recreational vehicle or walking.

All employees traveling to Frenchboro reach the islands by boat and have an approximate average 45-minute boating commute each way.

#### **Local Economic Development Incentive Programs**

Continue to support the Homestead Project to create affordable housing for families with young children who are committed to living on the island and working in the commercial fishing industry.

The community, working with DMR and the Zone B lobster management district that Frenchboro holds license in has established an Island Limited Entry program which offers the Town a tool to continue to attract year round residential with school age children through the support of DMR's program where families that become established in Frenchboro as year round residents with one or more children in the Frenchboro School receive priority on the waiting list for receipt of a commercial fishing license within the Zone B district.

## **Policies**

To support the type of economic development activity that supports the community's vision for Frenchboro. This economic development is prioritized by the community to support commercial fishing.



To make financial commitment, if necessary, to support desired economic development, including needed public improvements.

To coordinate with regional development corporations and surrounding municipalities as necessary to support desired economic development.

## Strategies

Designate local financial support by the community, approved at each annual town meeting, for continued support of economic development initiatives related to commercial fishing.

Identify local, state and federal funding mechanisms in combination with local funds and services in support of the Town's economic priorities. (Past successful examples include working with the state to secure a Federal Community Development Block Grant in support of the Homestead Project, or the use of State Small Harbor Improvement Program funds in support of replacement of the Town Pier.

Investment in additional town owned access facilities to and from Lunt Harbor.

Invest in high speed data and telecommunications in support of educational opportunities of on-line learning that could allow for families to stay and education their children through high school.

Investigate methods of becoming more energy independent (solar or wind power investments, for example) that could reduce the high cost of electrical service to a remote community with little consumer base.

While the priority of supporting the commercial fishing economy is key to the community, continue to monitor and discuss opportunities such as tourism based economics related to the significant amount of conservation lands. This will ensure the local economy becomes somewhat more diversified and not solely dependent on fishing.

Pursue the possibility of re-establishing a commercial relationship between Lunt and Lunt and the island's fishermen.

One deterrent to increased tourism is Dockside Deli's inability to provide additional rental moorings in the harbor. The number of moorings is limited by the USACOE. The Town may pursue a review of the current permit by the USACOE and request permission to increase the number of moorings.

# 10 Housing

## State Goal

To encourage and promote affordable, decent housing opportunities for all Maine citizens.

## Town Goal

To comply with the State's goal and encourage affordable housing in support of maintaining Frenchboro's longstanding fishing community.

## Analysis

### **Housing Need for Projected Population Growth and Demographic Changes**

The current projects are not estimated to change the population and demographics of the community significantly over the next 25 years. As current housing stock is almost fully occupied, there is little room to accommodate even modest changes in the near future.

### **Housing Affordability**

Current housing stock has been marginally affordable for the current population and the demographics of Frenchboro over the past several decades. Increased property taxes have been the biggest financial hardship to the community. The increased residential taxes are due almost exclusively to a reduction in taxable lands. Recent conversions of previously taxable properties to conservation status and the transferred ownership of land to non-profit organizations has reduced the property tax base so that more of the burden is now on the residents.

Local policies and initiatives (as described elsewhere throughout this plan) are in place and have been implemented in the past to incentivized workforce housing, tied specifically to young families with children who work in the fishing industry.

### **Conversion of Homes from Year Round to Seasonal and Vis Versa**

Most of the existing housing stock over the past several decades have remained in similar ownership conditions in terms of year round and seasonal residents. Most recent new housing development has been for seasonal homes.

**Condition of Current Housing Stock**

There are an estimated 72 households in Frenchboro and most of the housing is in fair condition. There have been several recent assistance programs utilized to improve the energy efficiency via weatherization of the housing stock. Approximately 16 of these weatherized houses are seasonal homes. One other house is reportedly to have been recently made available for rent on a yearly basis.

Conditions and Trends

**State Housing Data**

Maine Housing does not have data specific to Frenchboro. Housing data associated with Hancock County in general indicates that the average 2015 median home price in the county is \$222,000 and the home price affordable to median income of \$45,698 is \$171,639.

The average household size is 3.59.

**Frenchboro’s Affordable / Workforce Housing Efforts**

During the 1980s Frenchboro created the Homestead Project and developed seven house and set aside five additional house lots for sale on 55 acres of land donated by heirs of the Rockerfellers. The project created seven homes for families to rent and then purchase within 3 years at below market rates. Financial assistance for this project was also provided through a Federal Community Development Block Grant.

Policies

To encourage and promote adequate workforce housing to support the community’s and region’s economic development goals.

To ensure that land use regulations allow for development of quality affordable housing, including rental housing.

Strategies

Make sure that local land use ordinances allow for increased density in support of affordable housing and the workforce. Give consideration to the limited land resources in building new housing and also the environmental development constraints associated with shoreland and resource protection zoning. Consider private well and septic disposal field design and setback regulations.

Where feasible, amend local ordinances to allow for the additional of at least one accessory apartment per dwelling unit in residentially zoned areas.

Continue to review and potentially pursue opportunities for state and federal funds in support of developing new workforce and affordable housing stock. (Such programs may be administered through Maine Housing, Community Development Block Grant Program, USDA Rural Development, etc.)

Consider revising the Land Use Guidance Ordinance to more accurately describe the allowance of mobile home parks and manufactured housing in growth areas pursuant to 30-M.R.S.A §4358(3)(M) and M.R.S.A §4358(2) respectively.



# 11 Recreation

## State Goal

To promote and protect the availability of outdoor recreation opportunities for all Maine citizens, including access to surface waters.

## Town Goal

To comply with the State's goal.

## Analysis

### **Recreation and Accommodate of Projected Demographic Growth Changes**

With minimal school age population and an increasing elderly demographic, recreation activities and programs in place are adequate for the present and expected population and demographic changes over the next 25 years.

### **Need for Upgrades to Current Recreational Facilities**

Current recreational facilities are in fair condition and are not in need of upgrade.

### **Permanently Conserved or Publicly Owned Recreation Areas**

The majority of the community's recreational areas are comprised of coastline and woodland trails systems located on conservation lands within Long Island.

Maine Coast Heritage Trust maintains and promotes these trail systems for use by the public.

### **Access to Significant Water Bodies**

Frenchboro has made significant capital improvements to the Town Pier, providing public access to Lunt Harbor for a variety of users and activities.

### **Maintenance of Trails and Conflicts**

The majority of the trail systems are maintained by Maine Coast Heritage Trust as noted above. Potential conflicts and concerns may arise in the future regarding an increased wild fire risk due to more public use of the trails and the potential for an increase in associated recreational camping.

**Restriction of Traditional Access to Private Lands**

While the majority of Frenchboro’s lands are under private conservation easement, public access and maintenance of trail systems by private entities remains in place on Long Island. Other islands under conservation easement are not accessible by the public. The residents of Frenchboro value the land on Long Island that was previously allowed to be used for hunting. They will continue to coordinate the use of this land with conservation land easement holders.

Conditions and Trends

**State Identified Recreational Resources**

The State Department of Agriculture, Conservation and Forestry recognizes the town-owned municipal building, the Frenchboro School and the Town Pier as publicly accessible recreational resources.

**Public and Private Active Recreation Programs**

The Town of Frenchboro has no active public or private recreation programs within the community. Students who live on shore and attend high school elsewhere have access to public school recreational programs in other communities.

**Water Recreation Areas**

The Town of Frenchboro provides public access to Lunt Harbor and the open ocean waters beyond it from the Town pier. The Town pier, available for public boat access, consists of an existing pier, gangway, float system and vehicular boat launch.

**Public and Private Recreation Facilities**

Public recreation facilities existing at the Town Office include outdoor basketball courts, bike racks and an informal ballfield area. A playground is also available at the Frenchboro School.

**Local and Regional Trail Systems**

Long Island has an extensive system of interior woodland and coastal trails, stretching 10 plus miles, with public access around the majority of the island. These trails are enjoyed by residents and visitors to the island throughout most of the calendar year. They are primarily located on private conservation lands maintained by Maine Coast Heritage Trust.

No publicly accessible trail systems are known to be present on other Frenchboro islands.

## Policies

Maintain / upgrade existing recreational facilities as necessary to meet current and future anticipated needs.

Preserve open space for recreational use as appropriate.

Maintain at least one major point of public access to major water bodies for boating, fishing and swimming, and considering nearby property owner's concerns.

## Strategies

Consider developing a recreation plan to address the current and anticipated future needs of the community.

Continue to work with public and private partners to maintain and potentially expand trail networks for motorized and non-motorized uses as appropriate.

Continue to communicate with local land trusts and non-profit organizations who own and maintain the majority of the community's land with the goal to ensure continued access and recreational use of this land.

Make sure that private landowners are aware of the Maine Landowners Liability Law regarding recreational or harvesting use of their lands, pursuant to Title §M.R.S.A. 159-A.



# 12 Transportation

## State Goal

To plan for, finance and develop an efficient system of public facilities and services to accommodate anticipated growth and economic development.

## Town Goal

To comply with the State's goal.

## Analysis

### **Local and Regional Transportation Concerns**

As Frenchboro's population remains low, the prospect of the discontinuance of the operation of the State Ferry Service is of concern to the community. However, the State has recently made significant capital investment in the ferry terminal on Frenchboro and has indicated to the Town that there are no anticipated reductions in this service.

### **Conflicts with Road Uses**

All roads are located on Long Island are locally maintained and operated. No state roads existing in the community of Frenchboro.

### **Pedestrian Infrastructure**

There are no sidewalk systems in Frenchboro. Pedestrian traffic follows local roads which are designated at maximum speed limits of 25 mph, or it follows local off-road trail systems.

### **Local Roads Maintenance Budget**

The town contracts out annual maintenance and repair of roadways on an as-needed basis. Capital budgeting for this maintenance is evaluated each year by the Selectboard.

### **Parking**

There are no know parking issues on Long Island, including potential to discourage development as there are no formal village or downtown areas that require significant parking capacity. There are a few parking spaces at the town pier and at Lunt's Dock Side Deli.



**Public Transit Services**

The Town would like to see the State expand its ferry services, but not necessarily on a daily basis. This would allow for more increased commuting to and from the island. This is not likely to happen in the near future and the Town will continue to discuss this with the State. The State's ferry terminal on Long Island is connected to the community surrounding Lunt Harbor by paved public access road.

**Water-side Transportation Facility Needs**

Given the limited public transportation service from the State Ferry Service, the Town has made significant capital investment to improve the Town Pier, allowing 24-hour, seven days a week public access to the waterfront. Private boat ownership or arrangement with a water taxi service is still necessary to provide transit on and off the island.

**Local Road Design Standards**

Local roads are designed to meet minimal traffic volume requirements and reduce impacts near the shoreline, as well as maintenance and repair costs. Given minimal vehicular traffic, no significant investment has been made for additional bicycle and pedestrian infrastructure and shared use of the roadways is encouraged.

Limited land use development within the immediate area of Lunt Harbor minimize the flexibility of design standards for new roadway dead-ends. Consideration has been prioritized for sensible land development within this constrained area, recognizing that all roads are within close proximity to the Town's waterfront and municipal facilities.

**Conditions and Trends**

**State Identified Transportation Systems**

The state owns and operations the ferry terminal service to Frenchboro, from Bass Harbor. The State Ferry Terminal can transport most personal vehicles as well as larger construction vehicles and fuel service delivery vehicles. From the Bass Harbor Terminal.

There are no road transportation systems under state operation in Frenchboro.

**Local Transportation Systems**

The town maintains approximately 2 miles of paved local roads and ½ mile of gravel roads. There are no bridges, sidewalks or bicycle facilities in Frenchboro. Maintenance and operation concerns are primarily related to roadside ditches and cross culvert drainage, along with routine repair of potholes. Costs maintaining roads are very high due to the remoteness of Long Island to the main land and its paving industry facilities.

There is a wealth of off road trail systems for pedestrians. The community does not have any plans or concerns regarding pedestrian access to and from residences, schools, waterfront and other municipal and civic facilities.

There are no major traffic generators on Long Island or elsewhere within the Town of Frenchboro.

While no new roads are anticipated to be constructed in the near future, they are required to meet design standards in accordance with the Town's Land Use Guidance Ordinance.

Municipal parking facilities include 4 spaces at the Town office. Additionally, on-street parking is allowed on all public roads on Long Island.

There are no airport facilities within or adjacent to the community.

There are no bus or van services within the community.

Marine terminal service is provided between Bass Harbor and Lunt Harbor on Long Island by the Maine State Ferry Services. No potential expansion of these services is anticipated in the near future.

Public and private boat services are granted public access at the Town's public pier in Lunt Harbor. No public parking is available immediately adjacent to this facility, however on-street parking is allowed in close proximity.

## Policies

Prioritize community and regional needs associated with safe, efficient and optimal use of transportation systems.

Safely and efficiently preserve or improve transportation systems.

Promote public health, protect natural and cultural resources, and enhance livability by managing land use in ways that maximize the efficiency of the transportation systems and minimizes increases in vehicle miles traveled.

Promote the diverse transportation needs of the residents and visitors by providing safe, efficient and adequate transportation networks for all types of users (vehicular, pedestrian and bicyclists).

Promote fiscal prudence and maximize the efficiency of local, state and federal projects by coordinating them with the maintenance and operations of the Town's facilities.

## Strategy

Continue to prioritize improvements, maintenance and / or repair of the Town's transportation systems on an annual basis.

Continue to coordinate with the State on the regional ferry service transportation system.

Review local ordinances to make sure that transportation infrastructure development standards are in keeping with the community's development goals and the operation and maintenance of the infrastructure is affordable.



# 13 Public Facilities and Services

## State Goal

To plan for, finance and develop an efficient system of public facilities and services to accommodate anticipated growth and economic development.

## Town Goal

To comply with the State's goal.

## Analysis

### **Adequacy of Municipal Services to Meet Projected Changes in Population and Demographics**

Town surveys suggest that current municipal services are adequate to meet the needs of the community. With no significant projected changes in population and demographics over the next 25 years, the current level of services should be acceptable.

### **Community Partnerships to Share Municipal Services**

There are a variety of shared municipal services that the Town of Frenchboro utilizes as described below.

### **Lack of Public Water and Sewer Systems**

The lack of public water and sewer systems does not prohibit development that will support the community's projected growth. Given existing development and the small inventory of developable land not already under conservation easement, public systems are cost prohibitive. Septic waste is handled by private disposal fields and no known source of pollution and public health threats from these systems is present.

### **Storm Drainage Systems**

Stormwater handling is by means of roadside ditches and cross culverts, ultimately discharging into Lunt Harbor. These systems are adequate to handle existing and future development and are in various states of age and repair.

### **Emergency Response System**

Minimal emergency response systems are provided by the Town. Fire protection is provided through mutual aid agreements with the Swans Island Fire Department and the Tremont Fire Department. The community is dependent on Hancock County Emergency services, Life Flight emergency transport and telemedicine services required periodically from Sun Beam.

**Solid Waste Disposal and Recycling**

In partnership with Acadia Disposal District, the Town transferred recycling efforts to the Town of Ellsworth. This resulted in improved recycling participation by island residents and led to substantial capital savings for the community.

Solid waste disposal is contracted by the Town to Gott's Disposal

The Town has also taken advantage of opportunities to obtain state grant monies for designated hazardous waste collection days.

Through these measures, the Town has saved considerably on waste disposal and has reduced non-point source pollution threats to the community's natural resources.

**Telecommunications and Energy Infrastructure**

The merger of Swans Island Electrical Co-op with Emera Energy is expected to significantly reduce electrical service costs for the community. Telecommunications and data services are limited to the island of Frenchboro and the surrounding residential village around Lunt Harbor. This is perceived by the community to be adequate for near term future needs.

**Local and Regional Healthcare Facilities**

The Sunbeam provides weekly non-emergency medical services. Regionally, hospital care on Mount Desert Island is the nearest source of emergency care facilities.

**Investments in Municipal Facilities in Growth Areas**

Frenchboro's growth areas are limited to existing village development on Long Island in the vicinity of Lunt Harbor. The municipal facilities supporting this area are adequate to support future in-fill growth.

## Conditions and Trends

**Location of Facilities and Service Areas**

The Town operates and maintains the following facilities on Long Island:

- The Town Office at 1 Executive Drive near Lunt Harbor, which includes space for the U.S. Postal Service. It was improved in 2013-2014 with the addition of a fire bay garage. The garage space and building office space has served the community for hosting public gatherings and is the venue for regularly held Selectboard meetings.
- The town pier and boat ramp along East Shore Road on Lunt Harbor.

- The Frenchboro School between East Shore Road and High Road.

Except for the Town pier, these facilities are in fair condition and no immediate improvements are needed. The Town pier was recently partially rehabilitated. The Town is awaiting additional funding to rehabilitate the remaining two-thirds of the structure which is furthest away from the shore.

**Capacity of Services During the Comp. Plan Period**

The Town and State do not anticipate significant changes in population and demographics over the next 25 years necessitating significant changes to the level of services provided. There is significant concern within the community that firefighting capabilities are severely limited and an increase in visitors to Long Island and potential for camping on conservation lands could pose a significant threat to the entire village surround Lunt Harbor.

**Education**

The Frenchboro School is a one-room school house that serves grades K-8 for children that live in Frenchboro. During the last decade, the number of students has fluctuated between 2 and 12. There are currently 3 children enrolled at the school. The Frenchboro school is part of the Mount Desert Island Regional School System and the school participates in the Island Institute’s Teaching and Learning Collaborative.

The Town’s public library is maintained by volunteers in concert with the Historical Society and the Mail Library Association.

**Capital Maintenance Costs**

The Town Selectboard reviews and budgets for capital maintenance costs on an annual basis. This process considers past recent budgets and anticipated future growth trends, which are expected to change minimally over the next 25 years.

**Water and Sewer Supplies**

These services are handled by private wells and septic disposal fields. These systems are required to comply with state regulations, as referenced in the Town’s local land use ordinances.

**Solid Waste Disposal**

Solid waste has been recently reduced by separating recyclable and compostable materials. No available records of amounts of recycled and waste disposal materials generated by Frenchboro are available within the past five years.

**Power, Telecom and Data Service Availability.**

Single phase electrical power is available throughout the entire village area on Long Island. Limited telecom and satellite dish services are available. The Town's school and office are served by all three.

**Healthcare**

Healthcare is provided periodically on Long Island by visits from Sun Beam personnel. Emergency healthcare services are available from Mount Desert Island.

**Municipal Government Facilities**

The Town employs a part-time administrator and part time maintenance / public works staff position. Winter road maintenance is contracted out privately. There is no local law enforcement present on Frenchboro.

**Policies**

To efficiently meet identified public facility and service needs.

To provide public facilities and services in a manner that promotes and supports growth and development in identified areas.

**Strategies**

Continue to identify and review the community's capital improvement needs and maintenance and operations of those services and upgrades on an annual basis to accommodate anticipated changes in growth and demographics.

Continue to locate at least 75% of public facilities and related capital investment within designated growth areas.

Continue to review options for regional delivery of local services on an annual basis.



# 14 Fiscal Capacity and Capital Investment Plan

## State Goals

To plan for, finance and develop an efficient system of public facilities and services to accommodate anticipated growth and economic development.

## Town Goal

To comply with the State's goal.

## Analysis

### **Future Funding of Comprehensive Plan Improvements**

Data to support this analysis is not currently available from the Town. The Town intends to keep such records going forward to assisting with capital improvement planning.

## Conditions and Trends

### **Community Reviews and Expenditures**

Community records regarding revenues and expenditures over the past five years are not readily available. The Town has operated with minimal staff and a relatively new tax assessment process given the recent conversion of the majority of the community's lands to conservation easement status along with conversion to ownership of land by non-profit agencies. The Town has been developing new processes for recording this information.

The Town does collect taxes from local property owners and this provides a substantial amount of the community's capital expense funding. The Town has recently hired an appraisal company to assist with the property evaluations and tax collection process. Going forward, they should be in a position to collect this data on a regular basis for use in capital improvement planning.

When necessary, the Town has applied for state and federal grant funds from a variety of sources, and is exploring bonding capacity to fund special projects to meet the Town's municipal service goals.



**Local and State Mil Rate Evaluations over the Past Five Years**

The state does not have records of mil rate evaluations within the past five years and neither does Frenchboro. A recent Real Estate Audit Report dated 10/23/15 indicates that \$206,440.99 in local taxes is eligible for collection. Again, the Town intends to compile this data on a regular, annual basis going forward to assist with capital improvement planning.

**Comparison of Municipal Dept Comparison to Statutory and Maine Bond Bank Recommended Limits**

This information is not readily available. The Town intends to collect this data on a regular annual basis going forward for use in capital improvement planning.

**Policies**

To finance existing and future facilities and services in a cost effective manner.

To explore grants available to assist in the funding of capital investments within the community.

To reduce Maine's tax burden by staying within LD 1 spending limitations.

**Strategies**

Explore opportunities to work with neighboring communities to plan for and finance shared or adjacent capital investments to increase cost savings and efficiencies.

# 15 Existing Land Use

## State Goals

None required.

## Analysis

### **Patterns of Recent Land Development**

Recent land development has occurred lot by lot.

The development has mostly been the creation of new seasonal residential homes and has not been consistent with the community's vision to continue to support a viable year-round fishing community, balancing year round and seasonal residential growth.

### **Capacity of Local Administrative Capacity to Manage Land Use Regulations**

The Town currently has a planning board.

The Town currently does not have a code enforcement officer.

### **Flood plain Management**

The Town adopted a Floodplain Management Ordinance based on the Maine Model Ordinance 60.3(b) and the Town elected to participate in the National Flood Insurance Program (NFIP) during the adoption of this ordinance.

The village area and Lunt Harbor are susceptible to coastal flooding. The harbor is oriented towards the northeast so that it provides valuable shelter from wave run up and storm surge impacts. Even at the modest historical trends estimated by the U.S. Army Corps of Engineers, the harbor is susceptible to potential sea level rise. The Harbor is also susceptible to flooding impact as siltation continues from shoreline embankment and slope failure erosion. It has reached a state where dredging assistance from USACOE is needed.

## Conditions and Trends

### **Existing Land Use Conditions**

The Town of Frenchboro is comprised of the main island of Long Island and several smaller surrounding islands that do not have year round residents. These islands are Crow, Placentia Island, Great Duck Island, Little Duck Island, Pond Island, Black Island, and Harbor Island.

The Town has a total area of 88.43 square miles of which 4.82 square miles are land and 83.61 square miles are water. As a group of islands Frenchboro, does not border any other towns on land. It shares water boundaries with Swan Island, Brooklyn, Tremont, Southwest Harbor and the Cranberry Isles.

Long Island's Lunt Harbor provides shelter for Frenchboro's year round, residential fishing community. The harbor continues to silt in, predominately by hillside erosion evidenced by several recent landslides along the adjacent, steep vertical faced shoreline embankments. A woodland bog / wetland runs north and south across the middle of long island and is also the location of a quarry that was previously used as a land fill. The highest point on Long Island rises is between the bog and Rich's Head, on the eastern side of the island and is approximately 440 feet above sea level. The coastline of all of the islands is mostly rocky on all the islands, with high cliffs and scenic views. Most of the soil on the islands is shallow and over ledge, which hinders development.

### **Existing Land Use Ordinances**

The Town has multiple land use ordinances in place, beginning with the initial effort crafted in 1979 and titled Land Use Guidance Ordinance for the Town of Frenchboro. This ordinance was crafted to serve as the communities overarching zoning and land use ordinance, in compliance with state regulatory requirements at the time. Lot dimensional standards under this ordinance are as follows:

#### Residential per Dwelling Unit

Min. Lot Area within Shoreland Residential District – 30,000 SF & 150 Ft Shore Frontage

Min. Lot Area within General Development District – 20,000 SF

#### Governmental, Institutional, Commercial or Industrial Per Principal Structures

Within Shoreland Residential and Rural Development Districts Adjacent to Tidal Areas -

40,000 SF & 200 Ft Shore Frontage

Within General Development District – No SF and No Shore Frontage requirements

Within Shoreland Residential and Rural Development Districts adjacent to Non-Tidal Areas  
- 60,000 SF & 300 Ft Shore Frontage

Public and Private Recreation Facilities

Within Shoreland Residential and Rural Development Districts Adjacent to Tidal and Non-Tidal Areas - 40,000 SF & 200 Ft Shore Frontage

Subsequent ordinances adopted are as follows:

- Fire Department Ordinance
- Firearms Discharge Ordinance
- Floodplain Management Ordinance
- Frenchboro Town Dock, Float and Harbor Ordinance
- Navigation and Safety Ordinance
- Abandoned, Disabled and Derelict Vessels Ordinance
- Recall of Elected Municipal Officers Ordinance

**Lots Created within the Last 10 Years**

There have been no lots created within the past 10 years.

**Brief Existing Land Use Regulation Descriptions**

The Town's Land Use Ordinance has defined all developable areas on Long Island as follows:

*Resource Protection Zone (RP):* Includes areas which development would adversely affect water quality, productive habitat, biological ecosystems, or scenic and natural values.

This district includes the following areas except those areas which are currently developed and areas which meet the criteria for Shoreland Residential, Rural Development and General Development Land. (See Appendices for full definition.)

*Shoreland Residential:* This zone is primarily designated for low-intensity residential development and marine-related home occupations. Marine-related structures and uses may be permitted as a conditional use.

*Rural Development District:* Includes those areas located more than 250 feet from the high water mark of any saltwater body including those areas in the General Development District and the Resource Protection District.

*General Development District:* This zone includes areas located within the present boundaries of Frenchboro Village. Specifically, the General Development District will include all land areas within 1,000 feet of the shores of Lunt's Harbor excluding the areas within the Resource Protection Zone.

## Policies

Review and update Town's ordinances once the Comprehensive Plan is approved to ensure they are up to current state statutes.

## Strategies

Consider applying development standards to all islands and not just to Long Island.

# 16 Regional Coordination Program

## State Goals

Pursuant to 30-A M.R.S.A. §4326(4), a regional coordination program must be pursued with other communities to manage shared resources and facilities, including but not limited to lakes, rivers, aquifers, and transportation facilities. The plan must identify any shared resources and facilities, describe any conflicts with neighboring communities' policies and strategies pertaining to shared resources and facilities and describe what approaches the community will take to coordinate management of shared resources and facilities.

## Town Goal

To comply with the State's goal.

## Analysis, Conditions and Trends

Frenchboro, like most all of Maine's year round island communities, has a strong tradition of independence, yet there are many important connections to the surrounding islands and main land greater region. It is essential that the Town of Frenchboro maintain existing regional relationships and investigate new associations.

### **Water Quality and Fisheries**

Frenchboro does not share any land borders with other towns. It does, however, share water borders with Swan Island, Brooklyn, Tremont, Southwest Harbor and the Cranberry Isles. It is crucial that these communities, and others surrounding work together to protect the regionals water quality. A decrease in water quality would have detrimental effects on all the communities' economies. Similarly, fishermen must work together to maintain healthy stock levels.

## Transportation

The Maine State Ferry Service to and from Bass Harbor is Frenchboro's major public transit connection to the mainland. The Town also owns and operates the Town Wharf, providing year round public access to and from Lunt Harbor. The State Ferry Service has daily, weekly and seasonal schedule limitations.

## Education

The Frenchboro is a member of the Mount Desert Island Regional School System. The Teaching Learning Collaborative (TLC) is the program that connects the outer-island schools. It is run by the Island Institute. The Maine Seacoast Mission, through their vessel The Sunbeam, also occasionally facilitates events that allow island students and teachers to get together. This reduces the isolation of the Frenchboro School. The Sunbeam also offers medical services, craft lessons and safety presentations. Maine Coast Heritage Trust has been providing support to the Frenchboro School.

## Solid Waste Disposal

Frenchboro participates in the Acadia Disposal District. To the extent feasible, recycling and composting waste can save each community in this district significant capital expense. Frenchboro takes its solid waste to the Eastern Maine Recycling transfer station in Southwest Harbor and then it goes to Penobscot Recovery Company in Orrington. Recycled material is sent to the Ellsworth recycling center.

## Maine Coast Heritage Trust

As MCHT continues to expand its land holdings and manages the majority of the undeveloped land on Long Island, the Town and Land Trust continue to coordinate on community planning goals and funding assistance needs.

## County Services

Hancock County provides emergency services on Frenchboro, when necessary. The Town's 911 communications go through Hancock County's Emergency Dispatch.

## Regional Support Organizations

Frenchboro has participated in several initiatives with the Hancock Planning Commission in the past. Such organizations are helpful in regional transportation, land use and economic development planning.

Planned coordination for mail and package delivery from the island to the mainland by boat is essential for home based businesses which are not tied to commercial fishing businesses, providing for economic diversity within the community. In recent years, a book business, a bakery, and wood working business have tried to start operations within the community, but the majority have failed, which is estimated to be partially attributed to limited access to waterfront transportation, affordable goods and data technologies. Viability would not be a possibility for any of these types of businesses if the Town experienced further losses of access

to the waterfront and a reduced capacity in transportation to and from the mainland via public and private boating, or via the state's ferry service.

The Town also has very limited medical service access. The Sunbeam brings tele medical services to Frenchboro, but it needs a dedicated public waterfront access point to dock at in order to provide those medical services. Currently, access is provided via the Main State Ferry Terminal. Planning for these continued operations versus the viability of establishing a local health center for residents needs to be further examined.

## Ties with Other Islands

The Teaching Learning Collaborative (TLC) provides services to the Frenchboro School.

The Island Institute is a nonprofit organization dedicated to the sustainability of year round island communities. It hosts conferences, conducts policy research, sponsors scholarships, provides professional support to island leaders, and coordinates the Island Fellows Program, which places recent university graduates in island communities to assist with specific projects. There have been several Island Fellows on Frenchboro over the past 10 years. A recent Island Fellow placed on Frenchboro, is working at the school, the library and assisting with planning. He has enriched the community in many ways, as well as adeptly handling many responsibilities.





# 17 Future Land Use Plan

## State Goal

To encourage orderly growth and development in appropriate areas of each community, while protecting the state's rural character, making efficient use of public services, and preventing development sprawl.

## Town Goal

To comply with the State's goal.

## Future Land Use Plan Overview

### **Growth Areas**

The existing land use ordinances are intended to meet the communities current vision and the primary goal of development this comprehensive plan is to make these ordinances enforceable to achieve the communities vision.

Planning for future growth areas and development patterns should be considered exempt by the state due to severe physical and regulatory limitations of the islands, along with minimal available land for growth due to the approximate 90% ownership of lands under conservation easement. Furthermore, Frenchboro has no downtown or village district with a densely populated area.

### **Shared Growth Areas**

There are no shared growth areas with adjacent neighboring communities. All of Frenchboro's islands are wholly contained with the community.

### **Transitional Areas**

For the same reasons as stated above in the Growth areas, Frenchboro has no significant lands that can provide for meaningful transition areas.

### **Rural Areas**

Rural areas are identified in the Town's current Land Use Guidance Ordinance

(See attached zoning map)

**Critical Natural, Rural and Waterfront Areas**

These areas are recognized in the Comprehensive Plan and local land use ordinances as identified by the State of Maine.

**Analysis, Conditions and Trends**

Future Land Use Growth should be considered exempt by the State under this Comprehensive Plan due to the severe physical limitations on future growth as identified in the various topic areas of this plan, specifically including the amount of land identified as undevelopable either due to physical and regulatory natural resource constraints, and/or conservation easement ownership restrictions.

Additionally, no public sewer or water infrastructure is in place, and the community does on have a distinct downtown or village district with a significant population center.

# Appendix 1 – Public Opinion Surveys

# of Total Respondents	< 1yr	1-5yr	6-10yr	10-20yr	20+ yr	Blank
Time living on Frenchboro	0	5	4	10	2	8.0%
Count	0.0%	21.7%	17.4%	43.5%	3.6%	16.0%
% of Primary Res	0.0%	9.1%	7.3%	18.2%	3.6%	7.3%
% of Total Responses	18-25	26-35	36-45	46-55	65+	Blank
Age	1	0	3	5	3	2
Count	4.0%	64.0%	12.0%	20.0%	2.0%	24.0%
% of Primary Res	1.8%	0.0%	5.5%	9.1%	5.5%	10.9%
% of Total Responses	Own	Blank	7	28.0%	12.7%	Blank
Housing	2	16	7	28.0%	12.7%	Blank
Count	8.0%	64.0%	28.0%	12.7%	Blank	0
% of Primary Res	3.6%	29.1%	12.7%	Blank	0	0.0%
% of Total Responses	Full time	No	5	6	24.0%	Blank
Employed	14	5	6	24.0%	Blank	0
Count	56.0%	20.0%	24.0%	Blank	1	4.0%
% of Primary Res	6	18	1	4.0%	Blank	1
Looking for Job	24.0%	72.0%	4.0%	Blank	0	0.0%
Count	17	8	0	32.0%	0.0%	0
% of Primary Res	68.0%	32.0%	0.0%	Blank	0	0.0%
% of Total Responses	On Island	Off Island	Blank	1	4	16.0%
Where Employed	20	4.0%	16.0%	1	4	16.0%
Count	80.0%	4.0%	16.0%	1	4	16.0%
% of Primary Res	Fishing	Education	Carpentry/ Carretaking	Boat Industry	Landscaping	Municipal Work
% of Total Responses	10	3	7	2	5	3
Industry of Employment	4.0%	12.0%	28.0%	8.0%	2.0%	12.0%
Count	4.0%	12.0%	28.0%	8.0%	2.0%	12.0%
% of Primary Res	Increase	Decrease	Stay the same	Blank	2	8.0%
% of Total Responses	0	8	15	2	8.0%	6.0%
Anticipated time on Frenchboro over next 10 yrs	80.0%	32.0%	6.0%	8.0%	2	8.0%
Count	2	21	2	8.0%	2	8.0%
% of Primary Res	8.0%	84.0%	8.0%	Blank	2	8.0%
% of Total Responses	Extremely important	Somewhat important	Not Very important	Not at all important	Blank	Blank
How important are following characteristics	22	3	0	0	0	0
Natural Beauty	88.0%	12.0%	0.0%	0.0%	0.0%	0.0%
% of Primary Res	40.0%	5.5%	0.0%	0.0%	0.0%	0.0%
% of Total Responses	17	8	0	0	0	0
Safe Environment	68.0%	32.0%	0.0%	0.0%	0.0%	0.0%
% of Primary Res	30.9%	14.5%	0.0%	0.0%	0.0%	0.0%
% of Total Responses	19	6	0	0	0	0
Good Place for Kids	76.0%	24.0%	0.0%	0.0%	0.0%	0.0%
% of Primary Res	34.5%	10.9%	0.0%	0.0%	0.0%	0.0%
% of Total Responses	19	6	0	0	0	0
Quality of Education	76.0%	24.0%	0.0%	0.0%	0.0%	0.0%
% of Primary Res	35.0%	10.9%	0.0%	0.0%	0.0%	0.0%
% of Total Responses	4	11	5	2	1	6
Freedom from Mainland Pressures	16.0%	44.0%	20.0%	8.0%	4.0%	24.0%
% of Primary Res	7.0%	20.0%	9.1%	3.6%	1.8%	10.9%
% of Total Responses	5	11	1	6	2	3
Minimal Regulation	20.0%	44.0%	4.0%	24.0%	8.0%	12.0%
% of Primary Res	9.0%	2.0%	1.8%	10.9%	3.6%	5.5%
% of Total Responses	7	17	1	0	0	7
Minimal Traffic	28.0%	68.0%	4.0%	0.0%	0.0%	28.0%
% of Primary Res	13.0%	30.9%	1.8%	0.0%	0.0%	12.7%
% of Total Responses	15	5	5	7	6	2
Needs improvement	20.0%	9.1%	20.0%	9.1%	20.0%	0.0%
Adequate	0	0	0	0	0	0
No Opinion	0	0	0	0	0	0
Blank	0	0	0	0	0	0

Do you rent house when not using it?	Yes	No	Blank			
Count	2	21	2			
% of Primary Res	8.0%	84.0%	8.0%			
% of Total Responses	Extremely important	Somewhat important	Not Very important	Not at all important	Blank	
How important are following characteristics	22	3	0	0	0	0
Natural Beauty	88.0%	12.0%	0.0%	0.0%	0.0%	0.0%
% of Primary Res	40.0%	5.5%	0.0%	0.0%	0.0%	0.0%
% of Total Responses	17	8	0	0	0	0
Safe Environment	68.0%	32.0%	0.0%	0.0%	0.0%	0.0%
% of Primary Res	30.9%	14.5%	0.0%	0.0%	0.0%	0.0%
% of Total Responses	19	6	0	0	0	0
Good Place for Kids	76.0%	24.0%	0.0%	0.0%	0.0%	0.0%
% of Primary Res	34.5%	10.9%	0.0%	0.0%	0.0%	0.0%
% of Total Responses	19	6	0	0	0	0
Quality of Education	76.0%	24.0%	0.0%	0.0%	0.0%	0.0%
% of Primary Res	35.0%	10.9%	0.0%	0.0%	0.0%	0.0%
% of Total Responses	4	11	5	2	1	6
Freedom from Mainland Pressures	16.0%	44.0%	20.0%	8.0%	4.0%	24.0%
% of Primary Res	7.0%	20.0%	9.1%	3.6%	1.8%	10.9%
% of Total Responses	5	11	1	6	2	3
Minimal Regulation	20.0%	44.0%	4.0%	24.0%	8.0%	12.0%
% of Primary Res	9.0%	2.0%	1.8%	10.9%	3.6%	5.5%
% of Total Responses	7	17	1	0	0	7
Minimal Traffic	28.0%	68.0%	4.0%	0.0%	0.0%	28.0%
% of Primary Res	13.0%	30.9%	1.8%	0.0%	0.0%	12.7%
% of Total Responses	15	5	5	7	6	2
Needs improvement	20.0%	9.1%	20.0%	9.1%	20.0%	0.0%
Adequate	0	0	0	0	0	0
No Opinion	0	0	0	0	0	0
Blank	0	0	0	0	0	0

Good Place to Retire	9	36.0%	5	20.0%	3	12.0%	5	20.0%	3	12.0%	3	12.0%	15	60.0%
% of Primary Res		2.0%		9.1%		5.5%		9.1%		5.5%		5.5%	2	8.0%
% of Total Responses	4	16.0%	1	4.0%	7	28.0%	4	16.0%	9	36.0%	2	8.0%	18	27.3%
Family is here		7.0%		1.8%		12.7%		7.3%		16.4%		5.5%	18	32.7%
% of Primary Res		4.0%		1.8%		12.7%		7.3%		16.4%		5.5%	0	0.0%
% of Total Responses	7	16.0%	11	4.0%	2	8.0%	3	12.0%	2	8.0%	4	16.0%	19	32.7%
Marine Recreation		28.0%		44.0%		3.6%		5.5%		3.6%		7.3%	0	0.0%
% of Primary Res		13.0%		20.0%		3.6%		5.5%		3.6%		7.3%	0	0.0%
% of Total Responses	11	44.0%	5	20.0%	3	12.0%	4	16.0%	4	16.0%	3	12.0%	19	32.7%
Marine Resource Utilization		20.0%		9.0%		5.5%		3.6%		7.3%		5.5%	0	0.0%
% of Primary Res		20.0%		9.0%		5.5%		3.6%		7.3%		5.5%	0	0.0%
% of Total Responses	6	24.0%	6	24.0%	0	0.0%	6	24.0%	7	28.0%	5	20.0%	14	56.0%
Minimal commercial develop		11.0%		10.9%		0.0%		10.9%		12.7%		9.1%	11	25.5%
% of Primary Res		11.0%		10.9%		0.0%		10.9%		12.7%		9.1%	0	0.0%
% of Total Responses	14	56.0%	5	20.0%	4	16.0%	4	16.0%	7	28.0%	3	12.0%	16	64.0%
Sense of community		25.0%		9.1%		7.3%		7.3%		3.6%		3.6%	16	29.1%
% of Primary Res		25.0%		9.1%		7.3%		7.3%		3.6%		3.6%	0	0.0%
% of Total Responses	16	64.0%	1	4.0%	2	8.0%	2	8.0%	4	16.0%	4	16.0%	16	64.0%
Ability to work on island		29.0%		1.8%		3.6%		3.6%		7.3%		5.5%	16	29.1%
% of Primary Res		29.0%		1.8%		3.6%		3.6%		7.3%		5.5%	1	4.0%
% of Total Responses	9	36.0%	5	20.0%	5	20.0%	2	8.0%	2	8.0%	4	16.0%	17	68.0%
Ability to work from my home		16.0%		9.1%		9.1%		9.1%		7.3%		3.6%	17	29.1%
% of Primary Res		16.0%		9.1%		9.1%		9.1%		7.3%		3.6%	0	0.0%
% of Total Responses	15	60.0%	5	20.0%	2	8.0%	4	16.0%	2	8.0%	4	16.0%	24	96.0%
Trail Systems		27.0%		9.1%		1.8%		3.6%		3.6%		7.3%	24	43.6%
% of Primary Res		27.0%		9.1%		1.8%		3.6%		3.6%		7.3%	0	0.0%
% of Total Responses	1	4.0%	0	0.0%	0	0.0%	0	0.0%	24	96.0%	0	0.0%	0	0.0%
Other		2.0%		0.0%		0.0%		0.0%		43.6%		0.0%	0	0.0%
% of Primary Res		2.0%		0.0%		0.0%		0.0%		43.6%		0.0%	0	0.0%
% of Total Responses				0.0%		0.0%		0.0%		43.6%		0.0%	0	0.0%

	25	35-yr	45-yr	10-20yr	20+ yr	Blank
# of total respondents	0	5	4	10	4	2
Time living on Frenchboro	0.0%	21.7%	17.4%	43.5%	16.0%	8.0%
Count	0	5	4	10	4	2
% of Primary Res	0.0%	21.7%	17.4%	43.5%	16.0%	8.0%
% of Total Responses	0.0%	9.1%	7.3%	18.2%	7.3%	3.0%
Age	<18	18-25	26-35	36-45	46-55	65+
Count	1	0	3	5	3	2
% of Primary Res	4.0%	0.0%	12.0%	20.0%	2.0%	8.0%
% of Total Responses	1.8%	0.0%	5.5%	9.1%	1.0%	3.6%
Renting	Own	Blank	Blank	Blank	Blank	Blank
Count	2	16	7	7	7	7
% of Primary Res	8.0%	64.0%	12.0%	20.0%	2.0%	2.0%
% of Total Responses	3.6%	79.1%	12.7%	12.7%	0.0%	0.0%
Employed	Full Time	Part Time	No	Blank	Blank	Blank
Count	14	5	6	0	0	0
% of Primary Res	56.0%	20.0%	24.0%	0.0%	0.0%	0.0%
Looking for job	Yes	No	Blank	Blank	Blank	Blank
Count	6	18	1	1	1	1
% of Primary Res	24.0%	72.0%	4.0%	4.0%	4.0%	4.0%
Sold/Retired	Yes	No	Blank	Blank	Blank	Blank
Count	17	8	0	0	0	0
% of Primary Res	68.0%	32.0%	0.0%	0.0%	0.0%	0.0%
Counted employed	On Island	Off Island	Blank	Blank	Blank	Blank
Count	20	1	4	4	4	4
% of Primary Res	80.0%	4.0%	16.0%	16.0%	16.0%	16.0%
Industry of Employment	Fishing	Education	Carpentry/Caretaking	Boat Industry	Landscaping	Municipal Work
Count	10	12.0%	7	2	2	5
% of Primary Res	4.0%	12.0%	28.0%	8.0%	2.0%	20.0%
Anticipated time on Frenchboro	Increase	Stay the same	Blank	Blank	Blank	Blank
Count	0	8	15	2	2	2
% of Primary Res	0.0%	32.0%	6.0%	8.0%	8.0%	8.0%
Do you own house when not living?	Yes	No	Blank	Blank	Blank	Blank
Count	2	21	2	2	2	2
% of Primary Res	8.0%	84.0%	8.0%	8.0%	8.0%	8.0%
How important are following characteristics	Extremely Important	Somewhat Important	Not Very Important	Not at all important	Blank	Blank
Count	22	12.0%	0	0	0	0
% of Primary Res	88.0%	4.0%	0.0%	0.0%	0.0%	0.0%
% of Total Responses	40.0%	5.5%	0.0%	0.0%	0.0%	0.0%
Safe Environment	8	8	0	0	0	0
% of Primary Res	32.0%	32.0%	0.0%	0.0%	0.0%	0.0%
% of Total Responses	30.9%	14.5%	0.0%	0.0%	0.0%	0.0%
Good Place for Kids	19	6	0	0	0	0
% of Primary Res	76.0%	24.0%	0.0%	0.0%	0.0%	0.0%
% of Total Responses	34.6%	10.8%	0.0%	0.0%	0.0%	0.0%
% of Total Education	19	6	0	0	0	0
% of Primary Res	76.0%	24.0%	0.0%	0.0%	0.0%	0.0%
% of Total Responses	35.0%	10.9%	0.0%	0.0%	0.0%	0.0%
Freedom from Mainland Pressures	4	11	5	2	3	2
% of Primary Res	16.0%	44.0%	20.0%	8.0%	12.0%	8.0%
% of Total Responses	7.0%	20.0%	9.1%	3.6%	5.5%	3.6%
Minimal Legislation	5	11	1	6	2	3
% of Primary Res	20.0%	44.0%	4.0%	24.0%	8.0%	12.0%
% of Total Responses	9.0%	2.0%	1.8%	10.9%	3.6%	7.3%
Minimal Traffic	7	17	1	0	0	0
% of Primary Res	28.0%	68.0%	4.0%	0.0%	0.0%	0.0%
% of Total Responses	13.0%	30.9%	1.8%	0.0%	0.0%	0.0%
Good Place to Retire	9	5	5	3	3	3
% of Primary Res	36.0%	2.0%	20.0%	12.0%	5.5%	9.1%
% of Total Responses	16.0%	9.1%	9.1%	5.5%	2.0%	3.6%
Family/Island	1	4	4	7	9	2
% of Primary Res	4.0%	16.0%	16.0%	28.0%	36.0%	8.0%
% of Total Responses	1.8%	7.3%	12.7%	16.4%	16.4%	3.6%
Marine Recreation	11	11	2	2	2	2
% of Primary Res	44.0%	44.0%	12.0%	8.0%	8.0%	7.3%
% of Total Responses	13.0%	20.0%	5.5%	3.6%	3.6%	3.0%
Marine Resource Utilization	11	5	2	3	3	0
% of Primary Res	44.0%	20.0%	8.0%	12.0%	12.0%	0.0%
% of Total Responses	13.0%	5.5%	2.0%	5.5%	5.5%	0.0%
% of Primary Res	20.0%	5.0%	3.6%	7.3%	6	5
% of Total Responses	6.0%	1.8%	1.4%	3.6%	2.0%	1.8%
Millennials/Gen Z development	6	6	6	0	7	0
% of Primary Res	24.0%	24.0%	24.0%	0.0%	28.0%	0.0%
% of Total Responses	11.0%	10.9%	10.9%	0.0%	12.7%	0.0%
Sense of community	14	5	0	0	7	0
% of Primary Res	56.0%	20.0%	0.0%	0.0%	56.0%	0.0%
% of Total Responses	25.0%	9.1%	0.0%	0.0%	25.5%	0.0%
Ability to work on island	1	1	2	4	6	0
% of Primary Res	4.0%	4.0%	8.0%	16.0%	24.0%	0.0%
% of Total Responses	1.8%	1.8%	3.6%	7.3%	10.9%	0.0%
Ability to work from my home	9	5	2	2	6	1
% of Primary Res	36.0%	20.0%	8.0%	8.0%	24.0%	4.0%
% of Total Responses	16.0%	9.1%	3.6%	3.6%	10.9%	1.8%
% of Primary Res	15	5	2	2	4	4
% of Total Responses	60.0%	20.0%	8.0%	8.0%	16.0%	16.0%
% of Primary Res	27.0%	9.1%	3.6%	1.8%	7.3%	7.3%
% of Total Responses	1	0	0	0	1	0
Other	4.0%	0.0%	0.0%	0.0%	4.0%	0.0%
% of Primary Res	16.0%	0.0%	0.0%	0.0%	16.0%	0.0%
% of Total Responses	2.0%	0.0%	0.0%	0.0%	2.0%	0.0%

## A. GENERAL INFORMATION

December 2015-March 2016

There were 11 surveys filled out with some of them representing couples.

Of the surveys sent in **27.27%** identified Frenchboro as a seasonal residence and **72.72%** as their primary residence. **87.5%** of the respondents own their homes and **12.5%**. Respondents were asked for the length of time spent on Frenchboro. **27.27%** of respondents have lived/visited Frenchboro for 1-5 years, **45.45%** between 10-20 years, and **27.27%** for over 20 years. Respondents were asked the status of their employment. **27.27%** employed full time, **18.18%** employed part time, **27.27%** aren't employed, and **18.18%** did not answer.

## B. ASPECTS OF LIFE ON FRENCHBORO

Respondents asked to rank the importance of various aspects of life to determine what the values and services might hold a high level of importance within the community. Responses were scored on a scale from +2 to -2 which allowed a category to score anywhere between +22 and -22. The higher the score the higher importance of that aspect of life.

Extremely Important = 2

Somewhat Important = 1

Not very Important = -1

Not at all Important = -2

Most important to respondents was the '*Natural beauty of the island*' and for it to be a '*Safe environment*' they both had scores of 21. Close behind was '*Good school/quality of education*' with a score of 20. '*Sense of community*' scored 18 and '*Good place for children*' had a score of 17. '*Ability to work on island*' and '*Trail systems*' scored 16. '*Marine resource utilization*' scored 15. '*Marine recreation*', '*Minimal traffic*', and '*Minimal commercial development*' scored 11. '*Freedom from mainland pressures*' scored 10. '*Ability to work from my home*' scored 8. '*Minimal regulation*' and '*Good place to retire*' scored 6. '*Family is here*' lowest score at -6.

Comments included stating a need for a secondary town wharf and clearing the island/shoreline of litter

## C. EVALUATION OF EXISTING SERVICES AND FACILITIES

A list of common services and facilities were presented to respondents to see which ones are currently satisfying residents needs and what needs to be improved. The responses were given a value between -2 and +1. The potential maximum and minimum scores are +11 and -22.

Satisfactory = 1

Not satisfied, but does not need immediate attention = -1

Not satisfied, needs immediate attention = -2

No Opinion = 0

Respondents were most satisfied with '*Public access to the shore*' (8) and '*Public schools*' (7) on Frenchboro. '*Town office services*' (5) and '*Snow plowing/sand/salting*' (4) were also considered fairly satisfactory. '*Non USPS Mail (UPS, Fed Ex)*' (3), '*Police protection*' (1) and '*USPS*' (1) satisfied the needs of some residents but were areas of concerns of others.

'*Solid waste disposal*' (-1), the '*Ferry schedule*' (-1) and '*Emergency medical response*' (-2) received scores that suggest these services are not being satisfied but not in need of immediate attention. '*Power delivery*' (-3), '*Town docking facilities*' (-5) and '*Code enforcement (plumbing, housing)*' (-5) are being less satisfied and in need of attention sooner but are not the most pressing issues identified.

'*Fire protection*' (-13) had the lowest score and is a service which is not seen as being met by respondents and in need of immediate attention. '*Parking at the town wharf*' (-10) is another point of concern for respondents. '*Road maintenance*' (-8) followed.

**Comments from respondents:** Fire Dept. Safety Committee working on issues; Bond in place for road maintenance needs; need more access to shore which would help parking at town dock; town office and post office needs immediate help, lack of volunteers. 1-2 more ferry days (even 1 way); concern about instability of mail situation; would like electric coop to merge with EMERA to lower costs more repair service contracts. We need better enforcement of rules regarding trying boats to town float. Fire protection is especially important; As for some questions (PO, etc) we are less affected than year-rounder's.

A few services/facilities which have not been developed yet but could potentially benefit residents were listed to determine potential interest.

Yes = 2

Maybe = 1

No = -1

N/A = 0

'*Development of storage facilities*' and '*construction of dry hydrant*' scored 19 suggesting a high level of interest in their development. These were followed by a '*Community garden*' scored 13 and '*Construction of a wellness/health center*' which scored 10 and have some interest in the community but lack the support that a dry hydrant or storage facilities would.

***Other services people would like to see on island include:*** an emergency shelter, seasonal farmers market, shoreline camping, store/grocery services, volunteer appreciation, and an airport

## D. ECONOMY

The first set of questions were aimed at learning how the job market on Frenchboro is perceived by residents. The highest potential score a section could get is +11 and the lowest -11.



Adequate = 1

Needs improvement = -1

No Opinion = 0

None of the sections achieved a positive score, potentially reflecting a lack of confidence in local economic opportunities. This could be due to the fact that Frenchboro's economy is almost exclusively reliant on the fishing industry

*'Jobs for young people'* (-2) received a higher score than *'Job opportunities for adults'* (-5) which received the same score as the availability of *'Jobs providing security such as benefits, opportunities for advancement, a living wage'* (-5) and *'Opportunities for home businesses'* (-5). The lowest score was the availability of *'Year round jobs'* (-6).

**45%** of respondents felt that more should be done locally to protect fishing related jobs. **18%** of respondents were undecided, another **18%** didn't think more needed to be done, and **18%** left this answer blank.

Respondents who answered yes were asked how they would like to see fishing jobs protected. Answers include: *Protection of licenses and grounds. Island license implemented in March 2015 huge asset to keeping fishermen on Frenchboro. Protect fishing since it's the livelihood for bulk of residents. Better access, to bait, fuel, and lobster buoys. Create better fishing community on the island. Not sure.*

**64%** of respondents didn't think that too much business was being lost to off island service providers. **27%** thought that too much business was being lost off island and **9%** was undecided.

**Comments:** Do not have man power or skill set here to hire people to work for a potential business and the seasonal nature of the island's economy means that a person couldn't be supported year round. Advertise, promote free lodging as a perk for tradespeople. Ambitious people. Encouragement of entrepreneurial activities by property owners. Opportunities for affordable housing for tradesmen/fishermen even if only seasonally

Respondents were asked what types of economic development they would want to see on Frenchboro from 'Highly Favorable' to 'Highly Unfavorable' and scaled from -2 to +2. The highest and lowest potential score is +22 or -22.

Highly favorable = 2

Somewhat favorable = 1

No opinion = 0

Somewhat unfavorable = -1

Highly unfavorable = -2

The form of economic development respondents were most in favor of are *'Home-based businesses'* (17). This was followed with *'More tourism'* (12), *'Small business development'* (12) and *'Aquaculture'* (10). Lower in interest but still favorable to respondents are *'Agricultural based businesses'* (8) and *'Restaurants'* (8). Respondents favored *'More year round homes'* (7), *'Town spending for economic development'* (7) and *'Stores'* (7) a bit less than agricultural based businesses and restaurants. *'More summer homes'* (-4) received the lowest score and the only negative score. The development of more summer homes is only somewhat unfavorable but since it's the only selection in the negative it might suggest a lack of interest/support in this type of development.

Comments made included: *investment in broadband to increase business and educational opportunities. Along with the statement that: many homes could be rehabilitated*

63% of respondents support development of more businesses tailored to visitors, 18% answered 'maybe' and the last 18% left their answer blank.

#### E. LAND USE

Respondents were asked if they supported the town of Frenchboro taking steps to conserve/preserve various types of spaces/uses in the town. The highest potential score is +11 and the lowest -11. The higher the score the more support from respondents in taking that action.

In favor = 1

Unsure/No opinion = 0

Opposed = -1

Respondents were most in favor of *'Conserving wooded spaces'* (10) and *'Preserving scenic places'* (10). There was almost the same amount of support for the *'Protection historic properties'* (8) and *'Conservation of open spaces'* (8).

**Comments:** Need for a second wharf; clear the shoreline; better forest management; fire concerns over wooded space; improved management of wooded spaces.

Since the presence of the Maine Coast Heritage Trust is so large within the town respondents were asked to state their opinions on any further activities from land trust.

Frenchboro should look into forming its own Land Trust = A

Existing Land Trusts approached when seeking to protect further land = B

I do not favor any further activity by Land Trust of any kind = C

No opinion = D

**54.54%** respondents *'do not favor any further activity by Land Trusts of any kind'*

**9.09%** respondent thought *'Frenchboro should look into forming its own Land Trust'*

**36.36%** think 'existing land trusts' should be *'approached when seeking to protect further land'*

**Comments:** *Keep it the way it was; MCHT should stop acquiring land & take responsibility for removing large amounts of taxable land from tax rolls; MCHT should contribute more to Frenchboro due to the amount of land they own; enough land is in a trust already more would reduce the tax receipts which there is no need for.*

**All respondents stated that they would like to see more collaboration between MCHT and the town of Frenchboro.**

## F. ENVIRONMENT

Respondents were asked if the town of Frenchboro should take action/provide services for a few different environmental issues facing the island. Each section could have a maximum score of +11 or a minimum score of -11.

Yes = 1

No opinion = 0

No = -1

*'Removal of old cars'* (11), *'Removal of appliances'* (11) and *'Removal of hazardous waste collection'* (11) received the highest scores which suggest that these steps have the highest level of support in the town. They also received the highest potential score that an could get as all respondents supported this action. These are followed by *'Explore alternative energy development'* (8) and *'Control deer population'* (8). *'Control invasive plants'* (7) and *'Removal of construction debris'* (7) scored just below and *'Increase recycling'* (4) received the lowest score.

**Comments:** *Too many yards with debris & litter once a year removal of old cars would be great; should have a better system for disposing of waste oil;*

Respondents were asked if a list of services were a problem on Frenchboro, and if they were a problem if it needed to be addressed immediately. The maximum score that could be received is +22, the higher the score meaning immediate attention is needed, and the lowest is -11, which would mean that the service isn't an issue.

No = -1

Yes, doesn't need immediate attention = 1

Yes, needs immediate attention = 2

*'Parking on mainland'* (7) received the highest score and is seen by respondents as a problem which needs immediate attention. This is followed by *'Drinking water'* (6) and *'High-speed internet access'* (6) which some respondents saw as a much greater than problem than others. This may be due to differences in quality depending where you are on the island. *'Affordable housing'* (4) and *'Harbor management'* (4) are seen as a problem but not one that needs immediate attention by residents. *'Number of motor vehicles'* (-4) received the lowest score and only score in the negatives suggesting that it's not perceived as a problem by respondents.

**Comments:** *Many vacant homes that aren't being used because of costs of renting/buying coupled with the costs of living on Frenchboro which include high utility costs; abandoning junk and inappropriate use of waste disposal*

## G. HARBOR/MARINE ACCESS & MANAGEMENT

**63.63%** of respondents support continued dredging of the harbor; **18.18%** do not and **18.18%** had no opinion.

**36.36%** felt dredging promotes community development; **9.09%** felt that it didn't and **54.54%** had no opinion.

**36.36%** of respondents feel the town wharf meets the needs of Frenchboro; **54.54%** disagreed and felt that it does not meet the needs of the town and **9.09%** had no opinion.

**54.54%** of respondents feel satisfied with the current status of moorings, **18.18%** had no opinion on the moorings, and **27.27%** were unsatisfied.

**63.63%** are not satisfied with the current ferry schedule and **36.36%** are satisfied.

**54.54%** would find it beneficial to have another passenger ferry scheduled, **18.18%** did not feel it would provide a benefit, and **27.27%** had no opinion.

**63.63%** felt the round trip Wednesday ferries met their needs, **18.18%** felt it didn't, **9.09%** had no opinion and **9.09%** did not answer.

## H. ADDITIONAL INPUT

Respondents were asked what they liked most about living in Frenchboro, answers included:

The quiet pace, safety, community spirit. It's beauty, peace. Quiet life - slower pace. Mostly I love my teaching job. Beautiful environment, hiking being surrounded by the ocean. Beauty of the place, access to good friends, dark skies vast opportunities to make it even more special, the school!! Etc. Everything. Its natural beauty and the community. I would like to assure a healthy and stable year round community which means keeping the school open and attracting more young families to the island, and diversifying the economy. I would be sad if Frenchboro just turned into a seasonal community. The people; the community; the fact that it is a working island; the natural beauty; the remoteness. Natural beauty.

Respondents were asked what they liked least about living in Frenchboro:

Town politics, lack of understanding amongst community members regarding differences between "town" business and personal/private business. Ferry schedule, difficulty of having services performed out here. Plumbers, carpentry. The difficulty in getting things done! Deliveries/service people/groceries! Occasional infighting (much better now thought) Grudge holdings (still a problem) Currently too much tendency to trash properties, some crime (break-ins). Winter. I am a bit concerned about there being no constable that can handle issues that arise from time to time re. drugs, breaking in to houses, property damage. On the whole I feel very safe, but I think there continues to be a need for careful vigilance, so we don't turn into Swans

Island problems. The sense of fragility of the community; insufficient resources to help sustainability. People complaining but not willing to help pitch in unless asked. The residents not taking responsibility for the needs of the island. Things like litter, trash. Management and harbor management. Too many residents also do not pay their taxes on time but want the best schools and services.

Respondents were asked if what should be included in the comprehensive plan which hasn't been mentioned yet:

MCHT needs to clear out dead rotting wood, and clear a wide fire barrier across from Eastern beach to gravel pit & flood beaver pond to create a fire barrier. This island needs or I should say the village needs better protection from fire. Getting rid of junk - Bothers me that there are so many bicycles, toys, sleds, trash scattered about our beautiful island. Not sure how we can change this - live by example and teach the children to be stewards of their island. Also the junk cars/boats/etc. People come here to hike, bird, vacation and there is debris everywhere. Better ways to recycle - more incentives. Saves the town money in the long run! I think we need to expand and diversify economic opportunities. This will mean good internet, good school and good health care. We need to both develop and maintain strong relationship with MCHT and find ways to increase tourism. (B&B would be WONDERFUL). Lowering taxes, lowering energy costs. Forest management on trust land; reliable provision of propane and fuel oil (may be fixed for now, but energy needs should be addressed along with utilities; some kind of enforcement on drugs? Some kind of enforceable policy on nuisance litter/abandoned cars, etc. in yards. The comprehensive plan must explore ways to reduce the real estate taxes and support the current efforts to address them.

Respondent #	What is your vision for the Town of Frenchboro?	What are three things that you like most about Frenchboro?	What are three things that you like least about Frenchboro?
1	A sustainable year-round community, - with a school, church, maybe a store	The beauty, the friendly community, I like island's	People not taking care of their trash, or paying their taxes, or those who hld onto property while it just sits there & deteriorates
2	I would like to see the population keep growing, especially families with children	It is beautiful, People seem to be getting along much better now, It is quiet compared to the mainland	The deteriorating buildings. The unpaid taxes. He fact that the seasonal peopole seem to have most of the interest in improving the town
3	My vision for Frenchboro is that it is a friendly, vibrant community with a strong fishing industry	1. People ????? Help each other. 2. Early going and not ???? Around. 3. Plenty to do for self and community	1. Lots of younger residents not involved in community. 2. Town very slo to act on tings - paving, over due taxes. 3. Taxes and home insurane very high
4	Keep it simple	1. Peace & quiet, 2. The people, 3. hiking/water access	Making it like a suburb or a large town or city
5	I would like to see Frenchboro as a thriving year-round working island with as much diversity as possible. I hope that the year-rounders & summer people cooperate more fully to develop a mutually pleasing long-term view of ensuring this island maintains its beauty and vitality for all. The fundamental authenticity of the fishing community.	1. The natural beauty - MCHT, 2. The absolute lack of commercialism, 3. The way everyone pitches in when emergencies arise	1. Difficulty getting things (large trash, etc.) off the island, 2. The fact that everyone does not pay their fare share through taxes, 3. That there was only two year-rounders at that meeting
6	A town where everyone pays their taxes, with real reperussions for those who don't. One with yards cleared of metal trash, vacation friendly, with more outreach to the entire Maine community	1. Hiking trails and open land, 2. natural beauty, 3. lobstering	1. Garbage dump -unsightly, exposed to residents, tourist, dogs and children. Move it or make it more appealing. 2. Yards full of garbage. 3. Lack of legal enforcement. 4. Fire department issues
7	An integrated, community with efficient government and high level of resident participation	Physical environment, beautiful, not corwded, sometimes quiet. Population small enough that everybody knows everybody	Tribalism
8	That islanders and part time residents together work to enhance all the island's possibilities economic, recreational, and educational. That there be community agreement that "the way we've done things" is no longer the est way to keep the community going.	Its natural beauty, its community, and all its possibilities	Physically its is treated carelessly with not enough concern for making it more livable. Seasona people do the volunteer work; year rounders rarely step up. Transportation to the mainland limits possibilities.

How should Frenchboro integrate increased seasonal and daytrip visitor interest into community's economic base?	Increased fire protection measures and readiness	Explore feasibility of new town pier and harbor improvements, including eligibility for dredging of inner harbor	Increased use of MCHT land for community purposes
Get people here who will work by computers, or artists, writers, etc.	2	1	4
More hours for the deli. People living here who make a living, other than by fishing.	2	1	4
I don't see a conflict. The main thing would be to have the fishermen keep access to town floats open and cleaned. For seasonal just listen to their concerns and keep in mind they pay a bulk of the taxes and are the ones keeping the school open. Tourism is good clean industry - (people come here spend a little money and leave)	Check	Check  Maintain what is already here	
Much more cooperation amongst various community members to address this issue.	3	4	5
Fishing is essential to the island - lobstermen should take more responsibility for housing their sternmen and guaranteeing their cooperation. Many do not pay taxes - this should be remedied. They should be held to the same standard as everyone else. They are valued and essential to our way of life here.	2	4	3
Encourage visitors to the Island. Emphasize the things there are to do and see here. Fishing is great and an important part of the Island identity, but we need some diversification that will create opportunities for other occupations and pursuits, hospitality, art.	5	1	2
Provide more options for visitors. (B and b's, a store, outings programs, etc.). Enhance use of amenities already here, such as museum, library, trails	2	3	5

Enforcement of tax payments and delinquencies	Explore uses of town-owned land, including sale	Other general issues of concern that should be addressed	Feel Frenchboro's population needs more or less of...
	3	Continued or expanded ferry service. Lobby legislation for shorter hours 5 for elections	More of all of the above
	3	1. Getting delinquent taxes paid 2. advertizing the island for residents, visitors, year around and the 5 properties that are for sale	We need more year-around families, especially those with children
Check			More young families and year round
		Maintaining what is already in place	
	1	Why year-rounders aren't a more integral part of this effort. Why hasn't someone besides David Lunt stepped up to be a part of the 2 committee.	More is better for everyone unitl Frenchboro should become a major tourist desitination. This should be discouraged
	1	5 vandalism	More families with children, more inter-island activities
	3	The stock of housing is deteriorating. Some of the iconic houses badly need 4 attention and investment.	We need people with skills and willingness to participate. We need to make it possible and desirable for young families to live here, which means a good school. As for seasonal vs. year-around, we should recognize that even year-arounders are gone for long periods.
	1	Wellness issues are seldom mentioned. For aging residents as well as people with substance abuse or other lifestyle issues, any moves to improve wellness availability 4 would be helpful	More young families; more year around residents.



Do you feel like there are sufficient young families with school age children in Frenchboro? How many would be ideal for the community?	How do you feel about the state of Frenchboro's economy?	How do you feel about the development of businesses based around aquaculture?	How do you feel about increasing taxes in order to allocate Town funds to support economic development? If so, what should town focus its investment on?
We are paying for the school (fixed costs) - could use more students < (5-6 families)	Its fine as long as lobstering is good. Too bad Lunt & Lunt don't buy lobsters anymore. Maybe a coop?	Very supportive	Supportive
It was great when we had 14 kids in the school. It was more like a 'real' community	It would be better if delinquent taxes were paid. And if more populations were ????. To unpaid taxes	Very supportive	Supportive
Too few children to keep the school going. The cost per student is very high, 8 children in the elementary school at a minimum	High taxes are a threat even with good lobstering	Supportive	Supportive
I don't feel that you can force this issue	The school budget seems a little high	Very supportive	Opposed
The more the better as long as they are committed to paying taxes on time so that Frenchboro can school their children	Tax burden is not equally shared. School budget is too high. Sternmen & families must have viable housing - pay their fare share in rent to landowner or the town	Very supportive	Strongly opposed
We could use more families with children - more the merrier	I think it needs to be more robust - primarily by enforcing tax laws. Would like to see better fuel accessibility - perhaps runs to Swan's for small containers	Supportive	
The ideal number would be enough to provide a stable school population without exceeding the capacity of existing facilities.	Not sufficiently diverse. We should continue to agitate for better Internet connectivity, high speeds and symmetrical up/down connectivity because this may promote creative business opportunities	Very supportive	Very supportive
Right now there are 3 families with school aged children - 2 families with children at our school. Fishermen w/young children need to move here and bring their children along with them! I think 3 more families at a minimum would add vibrancy to the town. (The school's tiny population may be seen as less desirable, even though the school teacher, curriculum, and overall quality is impressive.		Opposed	Opposed

Would you support raising taxes and/or sitting on a committee to support the development of affordable housing on Frenchboro?	Would the community favor the creation of size or height regulations for new construction on Frenchboro?	What additional services would you like to see the Town of Frenchboro provide? Would you be willing to raise taxes to receive these services?	Would you support the Town taking steps to promote hisotirc resources?
Taxes, yes. Committee, no.	Yes		Yes
It would - BUT the affordable housing should be well cared for	Don't know		
No	Height only 2 1/2 stories max	Ordinance and law enforcement	No
I don't think it is nessessary at this time	I don't believe it is an issue now or in the near future	We don't have enough people to run additional services	Yes
No raising taxes! The families who employ sternmen need to take the lead on this	Yes-primarily along harbor & caostal areas. No large condo complexes - no coamping facilities	No!	Absolutely. The FBHS has funds but needs much more support in running the museum & store - and figuring out the best way to use these resources
	I don't see how this could be a problem until someone desides to develop condos or large etates which is doubtful	I would favor raising taxes if tax codes were enforced. As a seasonal person who pays taxes on time, I have growing resentment of those who can but don't pay theirs I ??? Not favor raising taxes unless all pay taxes on time	Yes
No	Would it? I don't know. We should have a reasonable building code, with the possibility of granting variances in situations that are clearly worthwhile	Waste monitoring. Yes.	Yes
Yes, but I would strongly recommend that abandoned properties be refurbished first	No	Create a center that would serve both wellness and recreational/social needs. Start taking steps to create a fire protection system. Initiate a seasonal roll off program for abandoned vehicles etc.	Yes, definittely

Would you support the protection of historic resources?

What type of marine resources do you feel have potential for commercial fishing from Frenchboro?

Yes

Don't know

Any fishing that helps ????. Would be good

Yes

Any and all

Yes

Aquaculture, mussels, harvesting kelp

Not if it involved raising taxes. Perhaps a future fellow could specialize in this ????. If properties are taken by town, seek grants to develop into parks, gardens, open space

I don't have the knowledge - anything that is viable & can contribute to tax base

I don't know

Yes

I don't know, but we should investigate them.

Yes. A historical trail could be created that leads walkers to midden sites, old foundations, sites of old schools, cemeteries etc. This could be a wonderful project for the museum committee and could be publicized.

Kelp. Otherwise my sense is that the ocean is overfished as is. I'm not a marine biologist, but I do know that kelp and seaweed are coming on strong as food alternatives.

## Appendix 2 – Maps

**Beginning with HABITAT**  
 An Approach to Conserving Maine's Natural Space for Plants, Animals, and People  
 www.beginningwithhabitat.org

**Regional Map**  
**Building a Regional Landscape**  
**Frenchboro**

*This map is nonregulatory and is intended for planning purposes only.*



**LEGEND**

The data presented here represents a compilation of core Beginning with Habitat map products. Comprehensive field surveys do not exist for all areas in Maine, so some important habitats may not be mapped. Habitat features on this map are based on limited field surveys, aerial photo interpretation, and computer modeling. Habitat data is updated regularly. Map users should consult with the Beginning with Habitat program to verify that data illustrated on this map is still current prior to utilizing it for planning decisions.

This regional map provides a landscape view of water resources, high value plant and animal habitats, and undeveloped habitat blocks. For more detailed information, please consult the 1:24,000 (town level) Beginning with Habitat "Water Resources and Riparian Habitats", "High Value Plant and Animal Habitats" and "Undeveloped Habitat Blocks" maps. Availability of town level maps can be found at: [www.beginningwithhabitat.org/the\\_maps/map\\_availability.html](http://www.beginningwithhabitat.org/the_maps/map_availability.html)

- Organized Township Boundary
- Unorganized Township
- Selected Town or Area of Interest
- Developed Area of impervious surfaces including buildings and roads

**MAP 1: Water Resources and Riparian Habitats**

**Riparian Buffer**  
 Ponds ≥ 10 acres (Great Ponds), rivers, coastal waters, and wetlands ≥10 acres in size are surrounded by a 250 foot riparian buffer zone. Streams are surrounded by a 75 foot riparian buffer zone.

**NWI Wetlands ≥ 10 Acres**  
 The National Wetlands Inventory (NWI) uses aerial photographs from the mid-1980s to identify wetlands based on visible signs of wetland vegetation, hydrology, and geography. The NWI maps are not based on field wetland delineations and given the limits of aerial photo interpretation, do not depict all wetlands that occur. Ground verification should be used to determine actual wetland boundaries and NWI maps should be considered as only a planning tool to determine potential wetland locations.

**MAP 2: High Value Plant and Animal Habitats**

**Essential Wildlife Habitats (MDIFW)**  
 Maine's Department of Inland Fisheries & Wildlife (MDIFW, [www.maine.gov/ifw](http://www.maine.gov/ifw)) maps areas currently or historically providing habitat essential to the conservation of endangered or threatened species including roseate terns, piping plovers, and least terns as directed by the Maine Endangered Species Act. These regulated areas may require special management. Identification of Essential Habitat areas is based on species observations (occupancy). For more information about Essential Wildlife Habitats, go to [www.maine.gov/ifw/species/endangered\\_species/](http://www.maine.gov/ifw/species/endangered_species/)

**Significant Wildlife Habitats (MDIFW)**  
 Maine's Natural Resources Protection Act (NRPA, 1988) was intended to slow further degradation and loss of Maine's natural resources. This act regulates activities within and adjacent to wetlands, streams, and other natural resources, but also regulates activities that could threaten the state's Significant Wildlife Habitats. Mapped Significant Wildlife Habitats include tidal and inland waterfowl/wading bird habitat, deer wintering areas, seabird nesting islands, shorebird areas, and significant vernal pools. For more information about NRPA, go to: [www.maine.gov/dep/bw/docstand/npa/page.htm](http://www.maine.gov/dep/bw/docstand/npa/page.htm).

**Natural Heritage Network Occurrences (Plants/Animals/Communities)**  
**Plants**- Observations of plants cataloged by the Maine Natural Areas Program (MNAAP) that are rare in Maine. Locations have been field-verified within the last 20 years.  
**Animals**- Observations of wildlife species that are endangered, threatened, or rare in Maine. Mapped by the Maine Department of Inland Fisheries and Wildlife.  
**Communities**- The MNAAP has classified and distinguished 98 different natural community types that collectively cover the state's landscape. These include such habitats as floodplain forests, coastal bogs, alpine summits, and many others. Each type is assigned a rarity rank of 1 (rare) through 5 (common). Mapped rare natural communities or ecosystems, or exemplary examples of common natural communities or ecosystems, are based on field surveys and aerial photo interpretation. Consult with an MNAAP ecologist to determine conservation needs of particular communities or ecosystems.

**High Value Habitat for Priority Trust Species (USFWS)**  
 This data layer portrays the highest value habitat from the Gulf of Maine Watershed Habitat Analysis, a habitat suitability model developed by the U.S. Fish & Wildlife Service (USFWS) Gulf of Maine Coastal Program. The analysis evaluated existing field data and scientific literature for 91 species of fish, wildlife, and plants important to USFWS in the Gulf of Maine watershed and ranked the landscape based on potential habitat for each species. This theme shows only the most important habitat (top 25%) for all species combined and excludes areas less than 5 acres. For more information please see the 1:24,000 Map 2 "High Value Plant and Animal Habitats" and Map 3 "Valuable Habitats for USFWS Priority Trust Species." For more information about the Gulf of Maine Watershed Habitat Analysis please visit: <http://www.fws.gov/northeast/gulfmaine>

**MAP 3: Undeveloped Habitat Blocks**  
**Undeveloped Habitat Blocks (MDIFW)**  
 Undeveloped habitat blocks are areas with relatively little development and that provide opportunity for meaningful habitat conservation. These areas remain mostly unfragmented and are likely to include habitat conditions of a quality that could be expected to support most terrestrial species known to occur in the given region. Undeveloped habitat blocks have been depicted on this map by removing areas within 250-500 feet, based on intensity, of all improved roads identified by the Maine Department of Transportation and all developed areas identified in the 2006 MELCD Land Use/Land Cover and 2005 Impervious Surface data.

**Development Buffer (MDIFW)**  
**(note: transparent layer)**  
 Areas defined by a 250-500 foot, intensity based zone of influence around all improved roads identified by the Maine Department of Transportation and all developed areas identified in the 2006 MELCD Land Use/Land Cover and 2005 Impervious Surface data.

**Focus Areas**  
**Focus Areas of Statewide Ecological Significance**  
**(note: not present in all regions)**  
 Focus Areas of Statewide Ecological Significance have been designated based on an unusually rich convergence of rare plant and animal occurrences, high value habitat, and relatively intact natural landscapes (the combined elements of Beginning with Habitat Maps 1-3). Focus area boundaries were drawn by MNAAP and MDIFW biologists, generally following drainage divides and/or major fragmenting features such as roads. Focus Areas are intended to draw attention to these truly special places in hopes of building awareness and garnering support for land conservation by landowners, municipalities, and local land trusts. For descriptions of specific Focus Areas, consult the Beginning with Habitat notebook or the following website: <http://www.maine.gov/dacf/map/focusareas/index.htm>

**Data and Information Sources**

- DATA SOURCE INFORMATION**
- TOWNSHIP BOUNDARIES**  
 Maine Office of GIS, metisp24
- ROADS**  
 Maine Office of GIS, Maine Department of Transportation; medotpub, E911 trds, railroadsys.
- HYDROLOGY**  
 U.S. Geological Survey; NHDH Maine
- DEVELOPED**  
 Maine Office of GIS, Maine Department of Environmental Protection; imperv
- FOCUS AREA BOUNDARIES**  
 Maine Natural Areas Program
- NATIONAL WETLANDS INVENTORY**  
 U.S. Fish & Wildlife Service; NWI
- RIPIARIAN BUFFERS**  
 Maine Natural Areas Program
- HIGH VALUE PLANT & ANIMAL HABITATS**  
 Maine Office of GIS, Maine Dept. of Inland Fisheries & Wildlife, Maine Natural Areas Program, U.S. Fish & Wildlife Service; ehpwrtrn, ehterm, shorebird, iwsh, shorezone, swsh, sni, forestd1, forestd1, grassd1, seabird1, gombd7, dms, svpuffers
- PLANTS, ANIMALS, AND NATURAL COMMUNITIES**  
 Maine Department of Inland Fisheries & Wildlife, Maine Natural Areas Program
- UNDEVELOPED HABITAT BLOCKS, DEVELOPMENT BUFFER**  
 Maine Department of Inland Fisheries & Wildlife

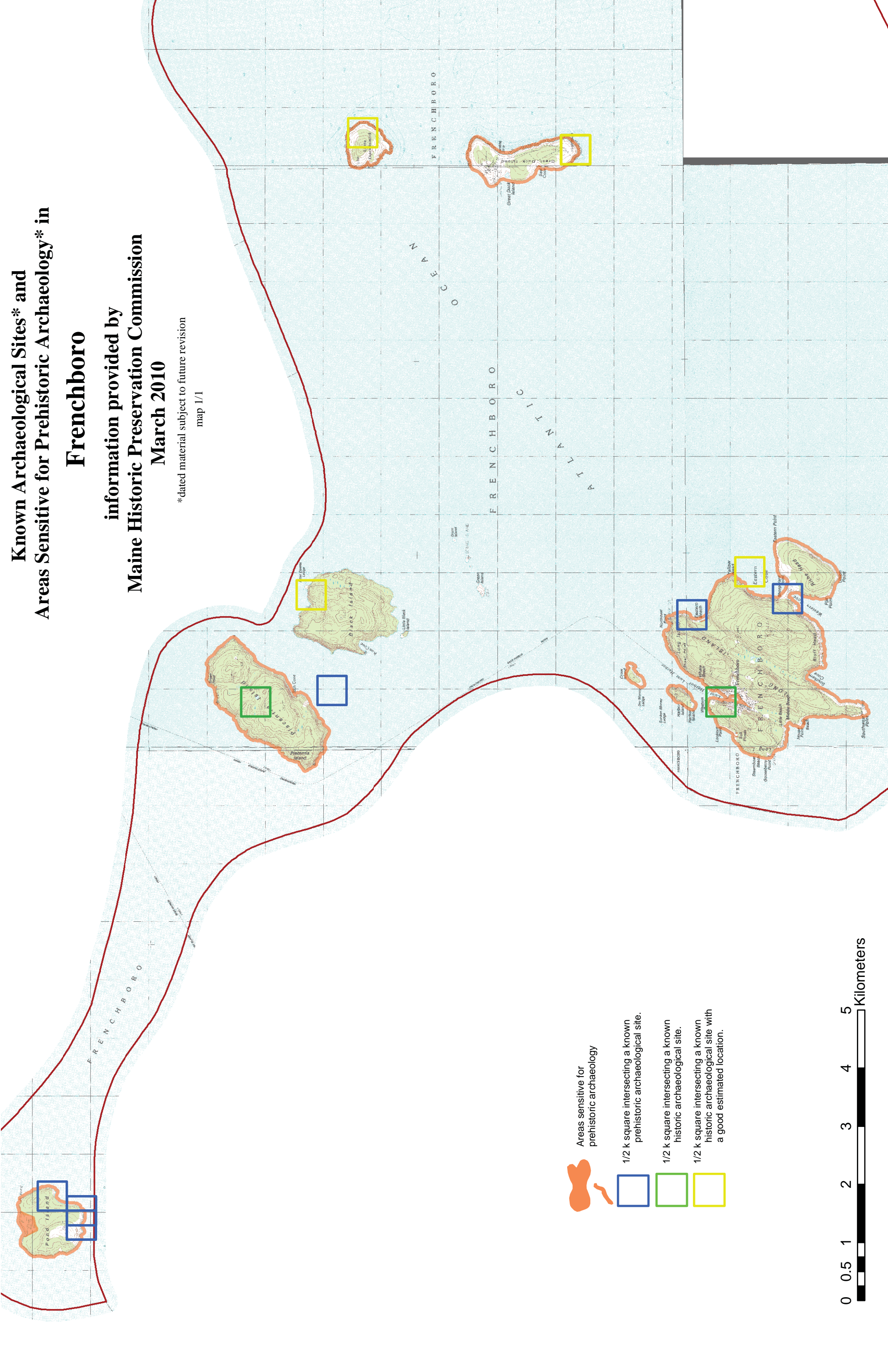
**DATA SOURCE CONTACT INFORMATION**  
 Maine Office of GIS: <http://www.maine.gov/megis/>  
 Maine Natural Areas Program: <http://www.maine.gov/dacf/mnap>  
 Maine Department of Inland Fisheries & Wildlife: <http://www.maine.gov/ifw/>  
 U.S. Fish & Wildlife Service: Gulf of Maine Coastal Program: <http://www.fws.gov/GOMCP/>  
 Maine Department of Transportation: <http://www.maine.gov/mdot/>





**DIGITAL DATA REQUEST**  
 To request digital data for a town or organization, visit our website: [http://www.beginningwithhabitat.org/the\\_maps/gis\\_data\\_request.html](http://www.beginningwithhabitat.org/the_maps/gis_data_request.html)

# Known Archaeological Sites\* and Areas Sensitive for Prehistoric Archaeology\* in Frenchboro

information provided by  
**Maine Historic Preservation Commission**  
**March 2010**

\*dated material subject to future revision  
 map 1/1



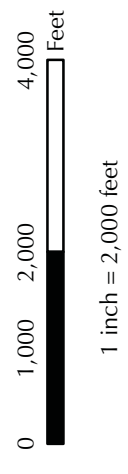
-  Areas sensitive for prehistoric archaeology
-  1/2 k square intersecting a known prehistoric archaeological site.
-  1/2 k square intersecting a known historic archaeological site.
-  1/2 k square intersecting a known historic archaeological site with a good estimated location.





TAH W:\GIS\_Development\Projects\ME\Frenchboro\13250A\_CompPlan\MXD\Map1-FrenchboroLongIsland-v1-11x17-L.mxd

MEGIS: ESRI World Imagery

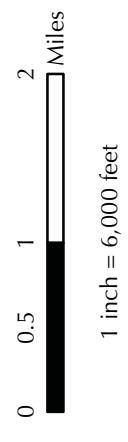


AERIAL MAP  
October 2015

COMPREHENSIVE PLAN  
Frenchboro, ME



MEGIS: ESRI World Imagery



AERIAL MAP  
October 2015

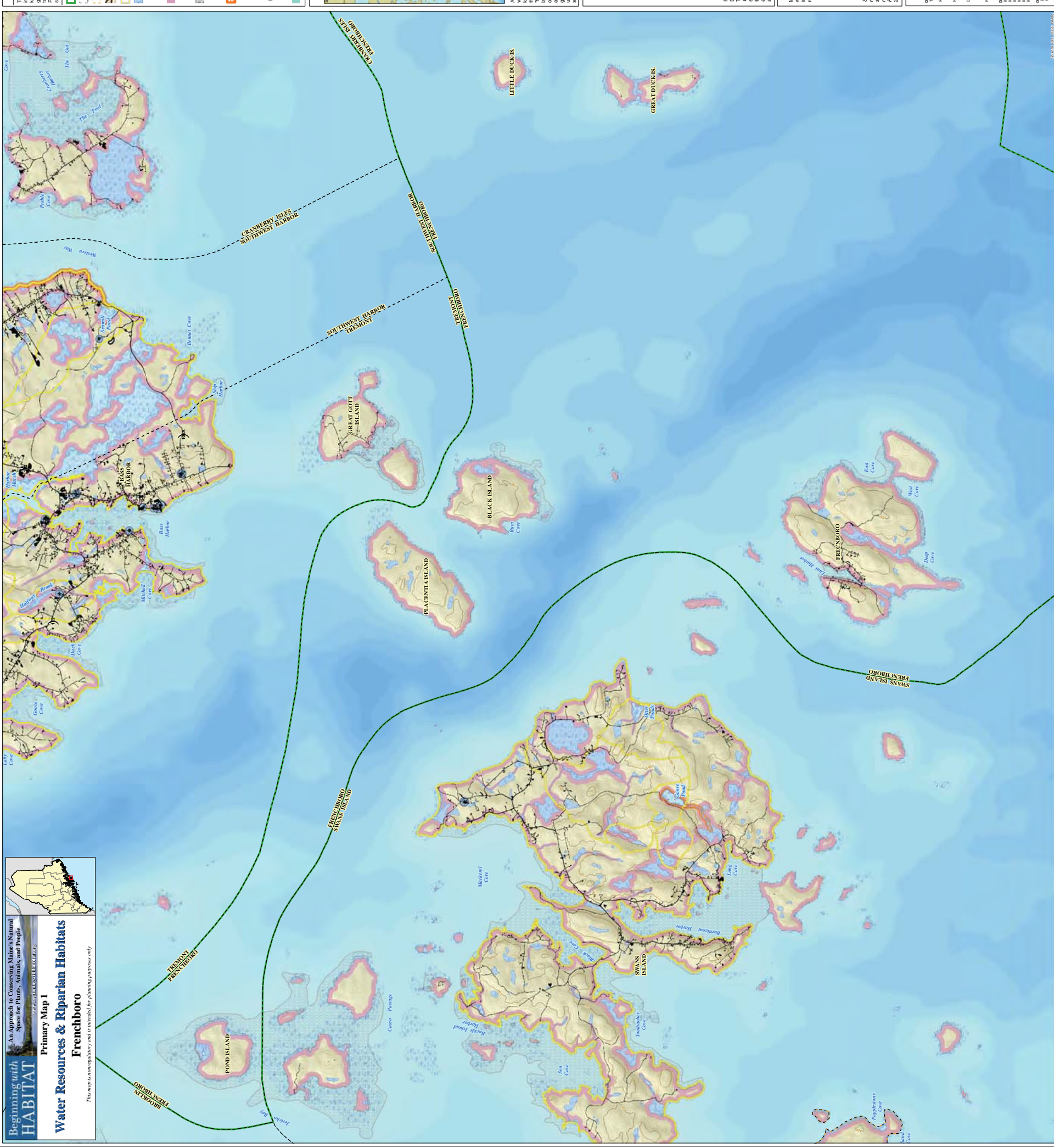
COMPREHENSIVE PLAN  
Frenchboro, ME



**Beginning with HABITAT**  
 An Approach to Conserving Maine's Natural Space for Plants, Animals and People

**Primary Map 1**  
**Water Resources & Riparian Habitats**  
**Frenchboro**

*This map is an advisory tool intended for planning purposes only.*



**LEGEND**

This map depicts riparian areas associated with major surface water features and ground surveys. This map should be used as a planning reference only and is intended to help identify areas for further study and not as a substitute for on the ground surveys. This map should be used as a planning reference only and is intended to help identify areas for further study and not as a substitute for on the ground surveys.

**Selected Town or Area**  
 - - - Organized Township Boundary  
 - - - Unorganized Township

**Developed** - Impervious surfaces including buildings and roads

**Drainage divides** - These are the smallest hydrologic units mapped in Maine. They contain watershed boundaries for most ponds and rivers in Maine.

**NWI Wetlands** - National Wetlands Inventory (NWI) uses aerial photography to identify wetlands. NWI data are used to identify wetlands in this map. The presence of wetlands and riparian areas is indicated by a blue color on the map. Wetlands are shown in blue and riparian areas are shown in pink. Wetlands are shown in blue and riparian areas are shown in pink.

**Riparian Habitat** - depicted using common regulatory areas including a 250-foot wide strip around Great Ponds (ponds  $\geq 10$  acres), rivers, coastline, and wetlands. Riparian areas are shown in pink on the map. Riparian areas are shown in pink on the map.

**Shadfish Growing Areas** - The Maine Department of Marine Resources maps growing areas for economically important shellfish resources. This map depicts riparian areas and shellfish growing areas in order to indicate the relationship of these resources to riparian areas. Shadfish growing areas are shown in blue on the map. Shadfish growing areas are shown in blue on the map.

**Beak Trout Habitat** - Shadfish and brook trout, brook trout, and shadfish. Brook Trout populations have been documented, or managed to enhance local fisheries.

**% Public Water Supply Wells**

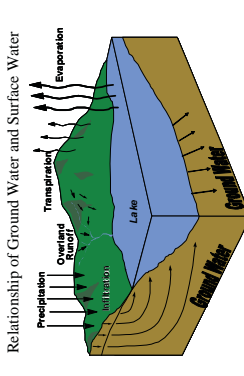
**Source protection area** - Buffers that protect water supply wells from land use changes and surface water intakes that serve the public water supply. Their size is proportional to population served and/or by the type of water supply system. These buffers range from 300 to 2,500 feet in radius.

**Aquifers** - flow of at least 10 gallons per minute

**Regional View of Watersheds**

A watershed includes all of the land that drains to a common waterbody. The areas within the watershed are linked ecologically by the water, sediment, nutrients, and pollutants hydrological units. Watersheds are often grouped into larger drainage or subwatershed areas (shown in yellow lines) and, at the smallest hydrological units, topography, geology, and riparian area. Watersheds are defined on the map above by the yellow-brown outlines.

**Main Map Extent** (Red outline)  
**Selected Town or Area** (Green outline)  
**Subwatershed** (Yellow outline)  
 1 inch = 4 miles



**Shoreland Zoning**

Maine's Shoreland Zoning Act was passed in 1995 to protect water quality, conserve wildlife habitat and preserve the scenic beauty of Maine's coastline. Successful implementation requires local awareness of and appreciation for surface water resources and effective enforcement of setback and buffer requirements.

**As a minimum, Maine's shoreland zones include all land within:**

- 250 feet of the high-water mark of any pond over 10 acres, any river that drains at least 250 acres, or any tidal river
- 250 feet of a freshwater wetland over 10 acres (except "forested" wetlands); and
- 75 feet of a stream that is either an outlet stream or a great pond, or located below the confluence of any perennial streams as depicted on a USGS topographic map.

Shoreland zoning encourages towns to provide greater protection to their local water resources and wetlands, and rare forested features. For specific guidance regarding Maine Shoreland Zoning Act contact the Maine Department of Environmental Protection, Shoreland Zoning Unit, 101 State House Station (17-207), Augusta, ME 04333. Telephone: 603-624-6244. Fax: 603-624-6245. Email: [shoreland@dep.state.me.us](mailto:shoreland@dep.state.me.us).

**Data Sources**

<b>DATA SOURCE OR ORGANIZATION</b> TOPOGRAPHIC DATA STATE OF MAINE, Maine Department of Planning and Economic Development USGS Digital Data USGS National Hydrology Dataset (NHD) USGS National Wetlands Inventory (NWI) NATIONAL FOREST INVENTORY (NFI) NATIONAL WATER RESOURCES INVENTORY (NWRI) STATE OF MAINE, Maine Department of Marine Resources STATE OF MAINE, Maine Department of Environmental Protection STATE OF MAINE, Maine Department of Geology and Natural Resources STATE OF MAINE, Maine Department of Planning and Economic Development STATE OF MAINE, Maine Department of Transportation STATE OF MAINE, Maine Department of Water Resources	<b>DATE</b> 2015 2015 2015 2015 2015 2015 2015 2015 2015 2015 2015
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**MAP PREPARED BY**  
 Maine Department of Marine Resources  
 Fisheries & Wildlife  
 October 2015

**Scale: 1:24,000**  
 Projection: UTM 18N  
 Datum: NAD 83

**Logos:** The Nature Conservancy, MAINE AIDUBON, MaineDOT, Maine Coast Heritage Trust, and others.

**Map Prepared By:** Fisheries & Wildlife, October 2015

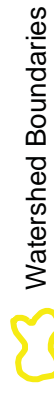
**THANK YOU**

# Frenchboro

Political Boundaries



Lakes & Ponds



Watershed Boundaries

Wastewater Outfalls

Overboard Discharges

## Significant Aquifers

10-50 gallons/min.

> 50 gallons/min.

## Transportation Routes

Private & Parkways

State & Local Roads

Toll Highway

## Land Use Risk on High Yield Sand & Gravel Aquifers

Moderate Risk

High Risk

## Classifications

### Rivers & Streams

- AA Estuarine & Marine
- A
- B
- C

## Does Not Meet Classification

Impaired Stream

Impaired Lake or Pond

Note: The official list of impaired waters is available in the Integrated Report, available on the DEP website: [www.maine.gov/dep/water/monitoring/305b/](http://www.maine.gov/dep/water/monitoring/305b/). To confirm whether any waterbody is meeting its classification, check on the official list.

0 0.5 1 2 Miles



Map compiled by Maine Department of Environmental Protection,  
Division of Environmental Assessment, 2015

Isle  
au Haut

Swans  
Island

Swans  
Island

Frenchboro

Frenchboro

Tremont

Southwest  
Harbor

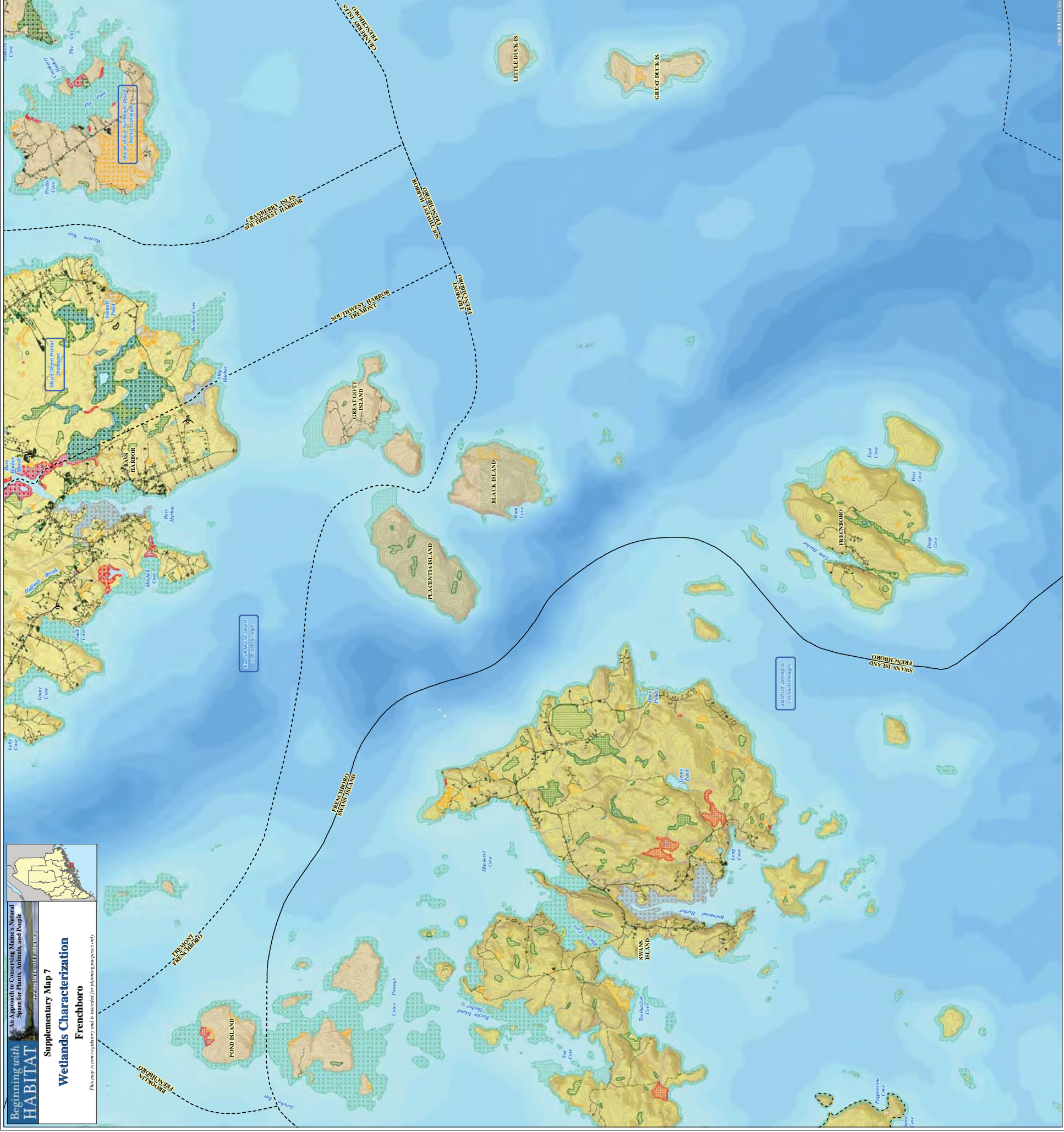
Tremont

Marshall  
Brook

Seawall  
Pond

Southwest  
Harbor

Cranberry  
Isles



### LEGEND

This map depicts all wetlands shown on National Wetlands Inventory (NWI) maps, but wetland features (either substrate for, or eliminate the need to perform on-the-ground wetland delineation and functional assessment. In no way shall use of this map constitute an endorsement of the National Wetlands Inventory (NWI) by the applicable State and Federal laws. For more information about wetlands characterization, contact Elizabeth Heitz at the Maine Department of Conservation (207-287-5061; eheitz@dc.maine.gov).

The Wetlands Characterization needs to be updated to help identify, study wetland functions associated with significant wetland resources and habitat. Using GIS analysis, the map provides basic information regarding what ecological functions and values are associated with wetlands. The map also identifies wetland habitat, and/or shellfish habitat. There are other important wetland functions and values associated with wetlands that are not shown on this map. For additional information regarding wetland functions and values, contact the Maine Department of Conservation (207-287-5061; eheitz@dc.maine.gov).

Small wetlands such as vernal pools are known to be underrepresented in the National Wetlands Inventory (NWI) maps. This map uses local knowledge and other data to estimate the functions provided by each wetland could not capture every wetland function or value. Therefore, it is important to use local knowledge and other data to estimate the functions provided by each wetland could not capture every wetland function or value. Wetlands are shown on the map, and each wetland is color-coded relative to the wetland type. Wetlands are shown on the map, and each wetland is color-coded relative to the wetland type.

**Organized Township Boundary**

**Unorganized Township**

**Selected Town or Area of Interest**

**Developed:** Impervious surfaces including buildings and roads

**Subwatersheds:** The shaded, background polygons are subwatersheds (pond, river, stream, or the ocean). The subwatersheds are shaded to show topographic relief. This "shading" is based on a digital elevation model (DEM) and is not a true representation of the terrain. The shading is based on a digital elevation model (DEM) and is not a true representation of the terrain. The shading is based on a digital elevation model (DEM) and is not a true representation of the terrain.

**Wetland Functions: Fill Pattern**

*Some wetlands may have more than one function (fill pattern)*

**RUNOFF/SEDIMENTATION**  
Wetlands provide natural stormwater control capabilities. As natural basins in the landscape, wetlands absorb and store water, reducing runoff. Wetland shelves along stream banks naturally regulate stormwater runoff. Wetland shelves along stream banks naturally regulate stormwater runoff. Wetland shelves along stream banks naturally regulate stormwater runoff.

**EROSION CONTROL/SEDIMENTATION**  
Wetlands help stabilize soil and slow water flows, thereby reducing scouring and erosion. Wetlands help stabilize soil and slow water flows, thereby reducing scouring and erosion. Wetlands help stabilize soil and slow water flows, thereby reducing scouring and erosion.

**FISH HABITAT**  
Wetlands with documented fish populations, including wetlands adjacent to ponds, streams, or lakes.

**SHELLFISH HABITAT**  
Wetlands can directly affect the status of coastal shellfish harvest areas. Fecal coliform bacteria and venomous organisms resulting from land use changes away from the coast can travel via surface water to shellfish harvesting areas. Excessive nutrients can reduce water clarity and stimulate eutrophic growth that degrades eelgrass meadows. Conservation of shellfish habitat is important to the sustainability of the shellfish industry. Wetlands with documented fish populations, including wetlands adjacent to ponds, streams, or lakes.

**PLANT/ANIMAL HABITAT**  
Wetlands with documented fish populations, including wetlands adjacent to ponds, streams, or lakes.

**OTHER FUNCTIONS**  
Wetlands with documented fish populations, including wetlands adjacent to ponds, streams, or lakes.

**NO DOCUMENTED FUNCTION:** The basis of this characterization is high altitude aerial photos. Photo quality often limits the information that can be collected. Wetlands that are not shown on the map may have functions that are not documented. Wetlands that are not shown on the map may have functions that are not documented.

**Wetland Class: Fill Color**

- Aquatic bed (floating or submerged aquatic vegetation), Open Water
- Emergent (thicketed vegetation), Emergent/Forested Mix, (woody vegetation >20 ft tall), Emergent/Shrub-Scrib, (woody vegetation <20 ft tall)
- Forested, Forested/Shrub-scrib
- Shrub-scrib
- Other (rocky shore, streambed, unconsolidated shore, reef, rocky bottom)

**Data Sources**

**DATA SOURCE INFORMATION**  
Data was collected from various sources, including the Maine Office of GIS, Maine Department of Transportation, and the National Wetlands Inventory (NWI).

**TOWNSHIP BOUNDARIES**  
Data was collected from the Maine Office of GIS (2015), mds04

**ROADS**  
Maine Office of GIS, Maine Department of Transportation (2015), mds04

**DEVELOPED**  
Maine Office of GIS, U.S. Geological Survey (2010), MND

**NATIONAL WETLANDS INVENTORY (NWI)**  
Maine Office of GIS (2015), NWI

**DATA SOURCE CONTACT INFORMATION**  
Maine Office of GIS: <http://www.maine.gov/mgis/>  
Maine Department of Transportation: <http://www.maine.gov/mot/>  
Maine Department of Agriculture, Conservation and Forestry: <http://www.maine.gov/ocf/>  
Maine Geological Survey: <http://www.maine.gov/dic/mgs/mgs.htm>

**DIGITAL DATA REQUEST**  
To request digital data for a town or organization, visit our website. [http://www.beginningwithhabitat.org/the\\_mappings\\_data\\_request.html](http://www.beginningwithhabitat.org/the_mappings_data_request.html)

**Beginning with HABITAT**

An Approach to Conserving Maine's Natural Spaces for Plants, Animals, and People

[www.beginningwithhabitat.org/](http://www.beginningwithhabitat.org/)

**Supplementary Map 7**

**Wetlands Characterization**

**Frenchboro**

*This map is non-regulatory and is intended for planning purposes only.*

Scale: 1:24,000 NW  
Projection: NAD 83  
Datum: NAD 83

0 0.5 1 Miles  
0 0.5 1 Kilometers

Map Prepared by: **THANK**  
Approved by: **THANK**  
Maine Office of GIS  
October 2015

Logo for **THANK** (The Nature Conservancy)

Logo for **MAINE AUBURN**

Logo for **MaineDOT**

Logo for **Maine Coast Heritage Trust**

Logo for **The Nature Conservancy**

Logo for **MAINE AUBURN**

Logo for **MaineDOT**

Logo for **Maine Coast Heritage Trust**

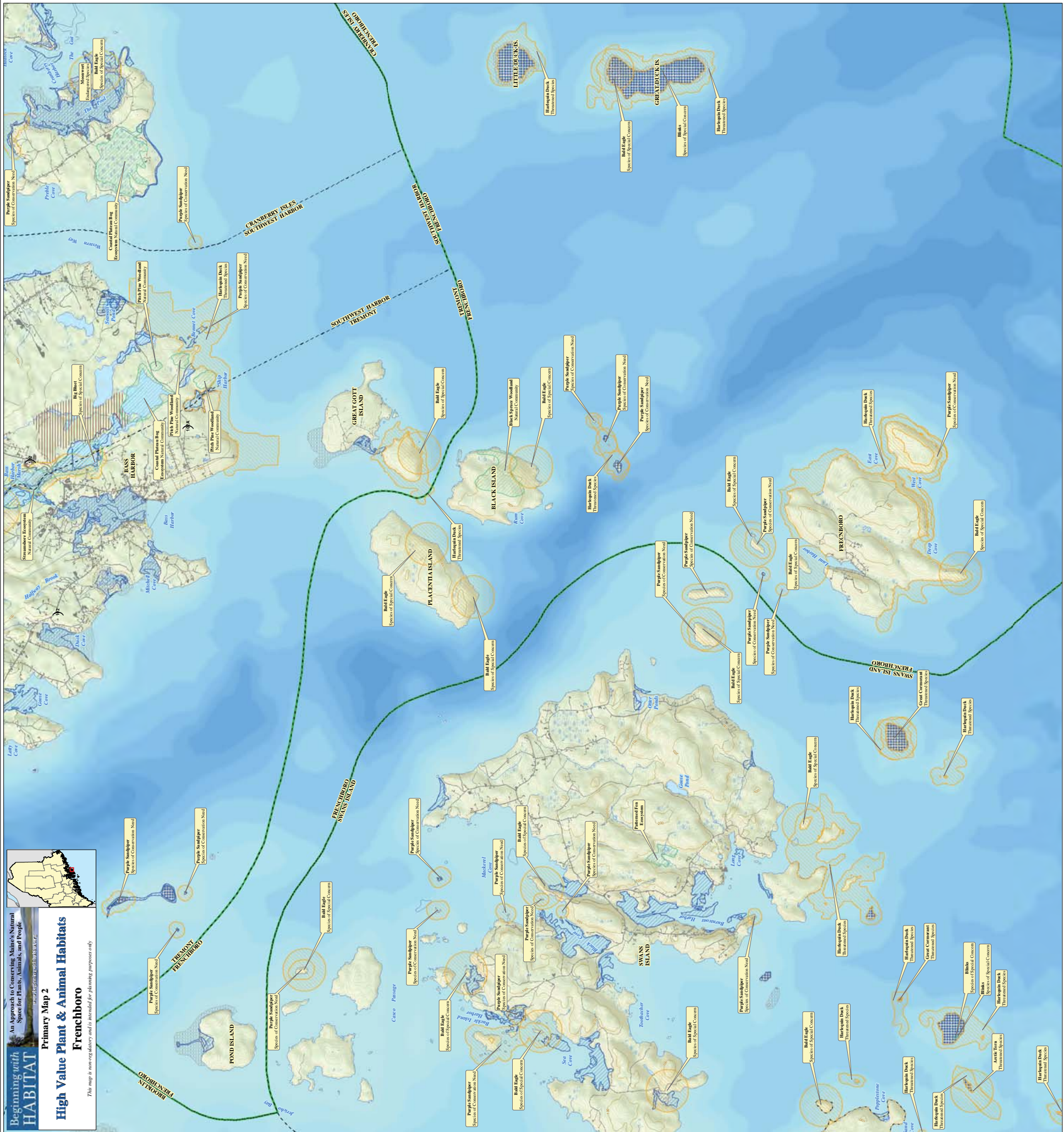
Logo for **The Nature Conservancy**

Logo for **MAINE AUBURN**

Logo for **MaineDOT**

Logo for **Maine Coast Heritage Trust**

Logo for **The Nature Conservancy**



### LEGEND

Beginning with Habitat (BH) is a voluntary tool intended to assist landowners, resource managers, planners, and municipalities in identifying and making informed decisions about areas of potential natural resources concern. This data includes the best available information for the purpose of identifying potential natural resources. It is not intended for information purposes only. It should not be integrated as a comprehensive analysis of plant and animal occurrences or other local resources, but rather as an initial screen to identify areas of potential concern. The map is based on the best available information and is not intended to be used as a final decision-making tool. It is intended to be used as a starting point for further investigation and planning. The map is not intended to be used as a final decision-making tool. It is intended to be used as a starting point for further investigation and planning.

- Organized Township Boundary
- Unorganized Township
- Selected Town or Area of Interest
- Developed: Impervious surfaces such as buildings and roads

### Rare, Threatened, or Endangered Wildlife

Known rare, threatened, or endangered species occurrences and/or the associated habitats based on species sightings.

Confirmed: In situ occurrences of the species based on field observations and/or collection records of the species based on supporting habitat. For more information regarding individual species visit our website: <http://www.maine.gov/fishwildlife/species/endangered/>

The Federal Endangered Species Act requires the actions authorized, funded, or carried out near an occurrence of the Atlantic Salmon, Roseate Tern, Piping Plover, Canada Lynx, New England Cottontail, and the Atlantic Whitefish. For more information regarding the Act, visit <http://www.fishwildlife.com>.

### Rare or Exemplary Plants and Natural Communities

Known rare, threatened, or endangered plant occurrences are based on field observations. Consult with a Maine Natural Areas Program (MNAP) Ecologist to determine conservation status of the plant or natural community. For more information regarding individual species visit our website: <http://www.maine.gov/fishwildlife/species/endangered/>

The MNAP has identified and distinguished 68 different natural community types that collectively cover the state's landscape. These include such habitats as floodplain forests, vernal pools, and wetlands. For more information regarding individual species visit our website: <http://www.maine.gov/fishwildlife/species/endangered/>

### Essential Wildlife Habitats

Roseate Tern Nesting Area or Piping Plover Nesting Area

Maine's Department of Inland Fisheries & Wildlife (MDFW) is administered by the Maine Department of Environmental Protection (MEDEP). MDFW is responsible for the management and protection of the state's natural resources. MDFW is responsible for the management and protection of the state's natural resources.

### Significant Wildlife Habitats

Candidate Deer Wintering Area

Forrested areas possibly used by deer for shelter during periods of deep snow and cold temperatures. Assessing the current value of a deer wintering area requires on-site verification by F&W staff. Locations depicted should be considered as approximate only.

Inland Waterfowl / Wading Bird

Fraser River breeding, migration, and wintering habitats for inland waterfowl or breeding, feeding, migration, or roosting habitats for inland wading birds.

### Atlantic Salmon Spawning/Rearing Habitat

Atlantic Salmon Spawning Habitat

Atlantic Salmon Rearing Habitat

Mapled by Atlantic Salmon Commission (ASC) and US Fish & Wildlife Service (USFWS)

### Maine's Natural Resources Protection Act

Maine's Natural Resources Protection Act (NRPA, 1989) is administered by the Maine Department of Environmental Protection (MEDEP). The NRPA is designed to protect the state's natural resources. The NRPA is designed to protect the state's natural resources.

### Data Sources

DEPT OF ENVIRONMENTAL PROTECTION (MEDEP)

U.S. Geological Survey (USGS)

U.S. Department of Fish & Wildlife Service (USFWS)

**Beginning with HABITAT**

An Approach to Conserving Maine's Natural Space for Plants, Animals, and People

**Primary Map 2**

**High Value Plant & Animal Habitats**

**Frenchboro**

This map is non-regulatory and is intended for planning purposes only.

Map Prepared by **THANK**

Approved by **THANK**

October 2015

1:24,000 Scale  
Projection: UTM 18N  
Datum: NAD 1983

5000 Feet  
1 Mile  
0.5 Miles  
0.25 Miles

MAINE ALBUON

MAINE COAST HERITAGE TRUST

MAINE DOT

THE NATURE CONSERVANCY

U.S. FISH & WILDLIFE SERVICE

U.S. GEOLOGICAL SURVEY

U.S. DEPARTMENT OF AGRICULTURE

U.S. DEPARTMENT OF THE INTERIOR

U.S. DEPARTMENT OF ENERGY

U.S. DEPARTMENT OF JUSTICE

U.S. DEPARTMENT OF LABOR

U.S. DEPARTMENT OF TRANSPORTATION

U.S. DEPARTMENT OF HEALTH & HUMAN SERVICES

U.S. DEPARTMENT OF EDUCATION

U.S. DEPARTMENT OF COMMERCE

U.S. DEPARTMENT OF AGRICULTURE

U.S. DEPARTMENT OF THE INTERIOR

U.S. DEPARTMENT OF ENERGY

U.S. DEPARTMENT OF JUSTICE

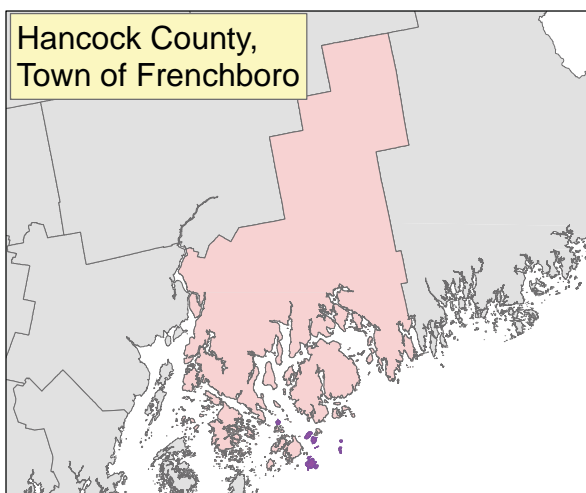
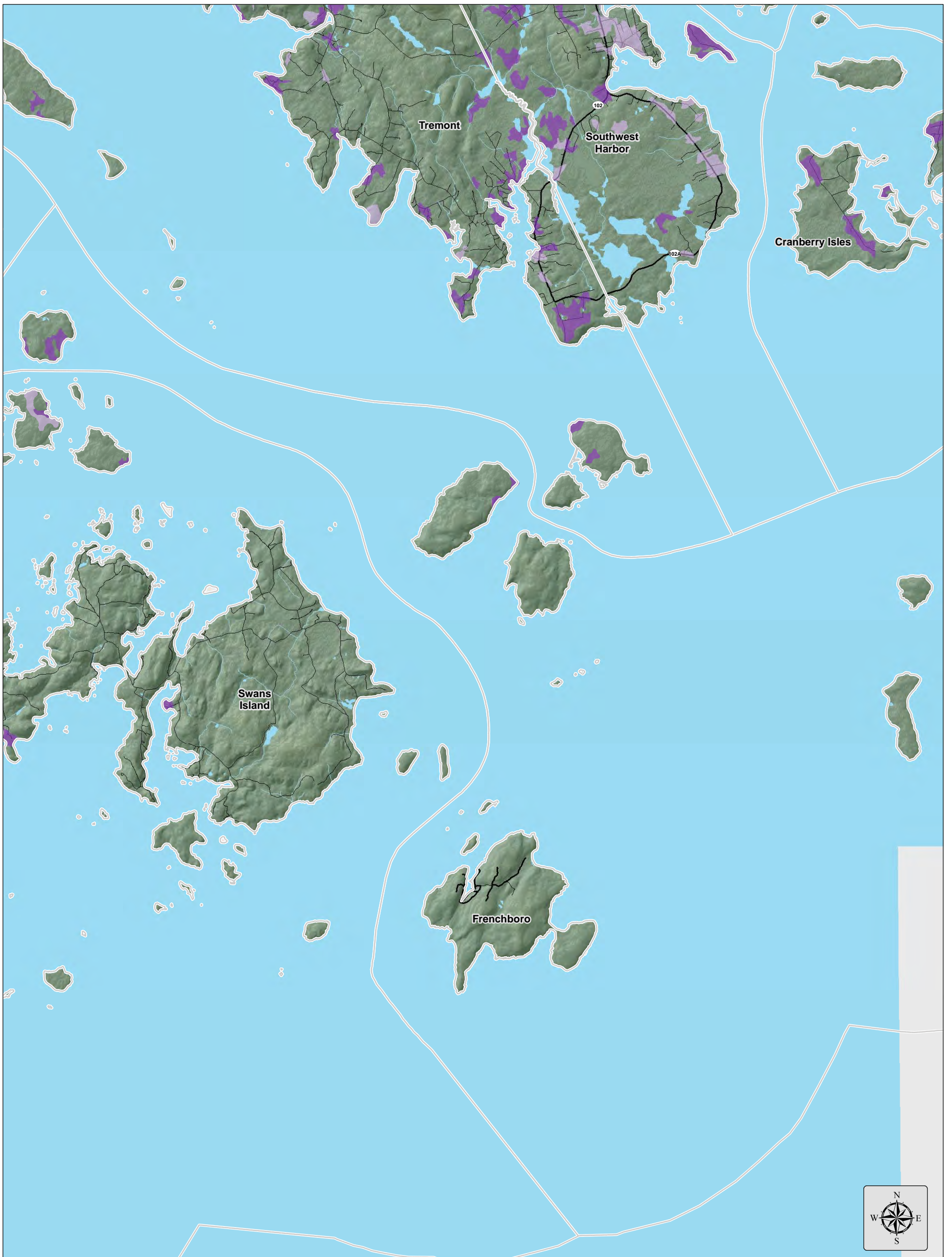
U.S. DEPARTMENT OF LABOR

U.S. DEPARTMENT OF TRANSPORTATION

U.S. DEPARTMENT OF HEALTH & HUMAN SERVICES

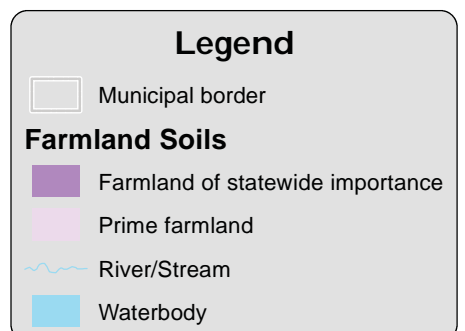
U.S. DEPARTMENT OF EDUCATION

U.S. DEPARTMENT OF COMMERCE



## Frenchboro Agricultural Resources

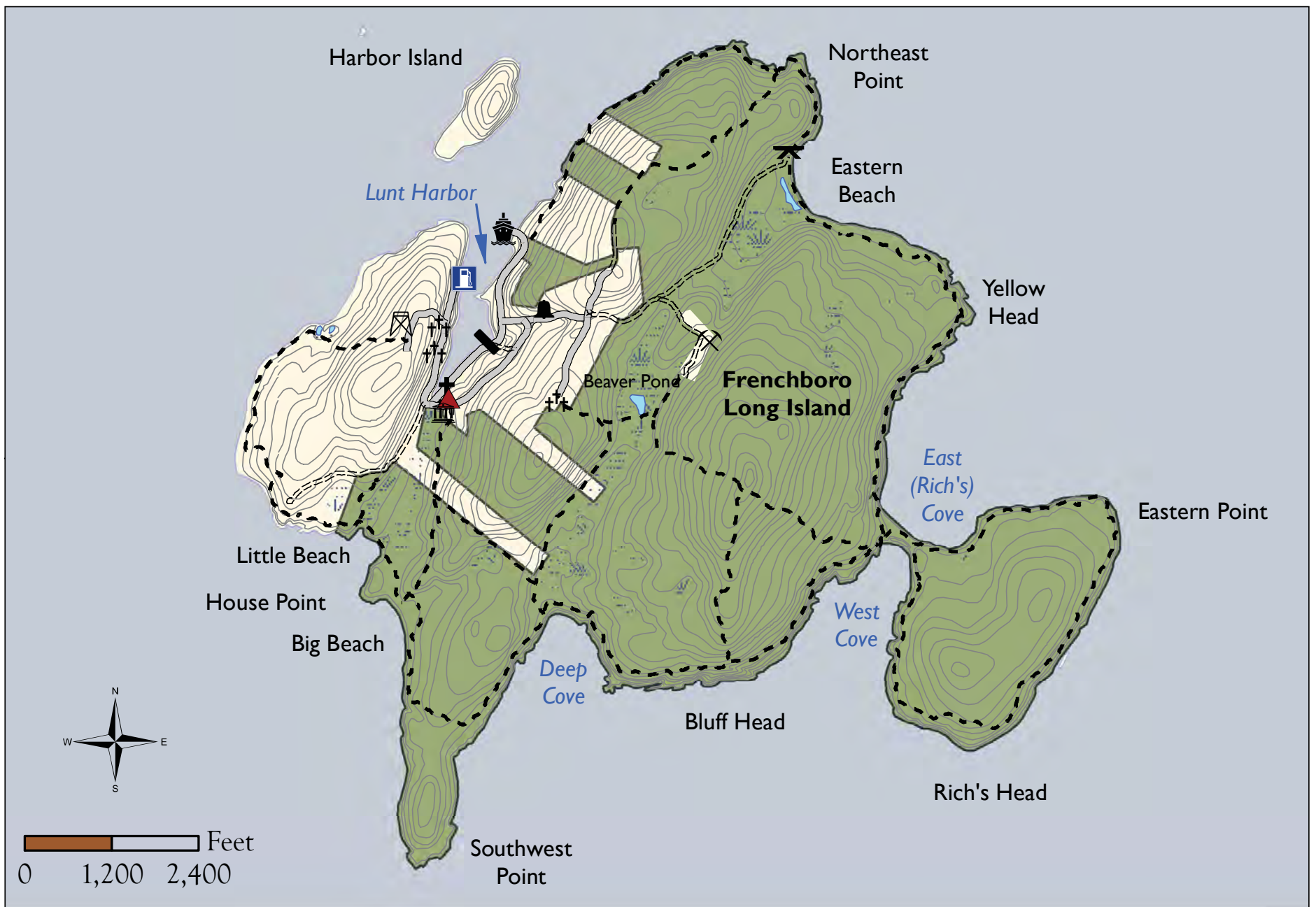
Source Data: USDA, MEGIS, Maine DACF  
 Projection: UTM, NAD83, Zone 19, Meters  
 Produced by: Municipal Planning  
 Assistance Program, DACF  
 November 2015



0 1 2 Miles

# Frenchboro Long Island Preserve

Frenchboro, Maine



## Preserve Guidelines

- No Camping Permitted
- No Fires Permitted
- Stay on Established Trails
- Carry Out All Trash  
- Including Human and Pet Waste and Toilet Paper
- Keep Pets Under Control
- Please Respect the Privacy of Preserve Neighbors

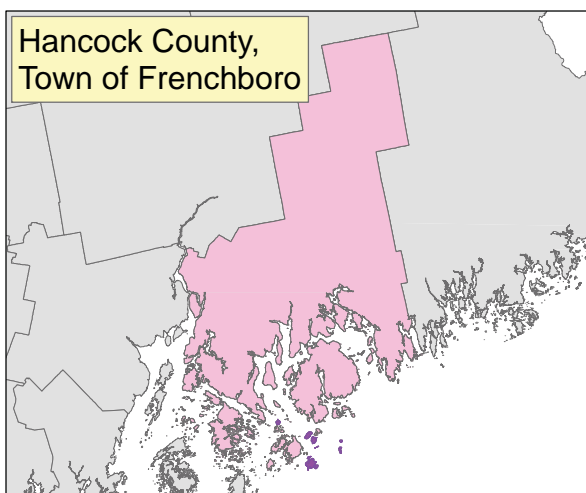
## Legend

~ 10' Contours  
 Wetlands

### Trail System

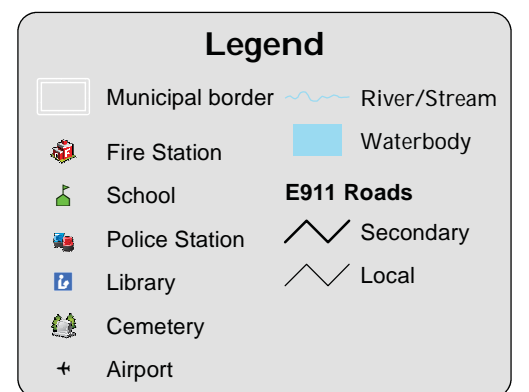
Paved roads  
 Unpaved roads  
 Trails

- Ferry Terminal
- Town Dock
- Post Office/Town Hall
- Gravel Pit
- Picnic Table
- Cemetery
- Microwave Tower
- Church
- School
- Museum
- Deli/Fuel Dock



## Frenchboro Infrastructure

Source Data: USDA, MEGIS, Maine DACF  
 Projection: UTM, NAD83, Zone 19, Meters  
 Produced by: Municipal Planning Assistance Program, DACF  
 November 2015



# MAINE BROADBAND SERVICE COVERAGE

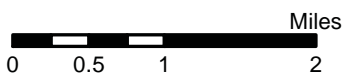
WIRED AND FIXED WIRELESS TECHNOLOGIES: SPEED GREATER THAN OR EQUAL TO FCC TIER 3 DOWNLOAD AND UPLOAD

(Maximum advertised download and upload speeds greater than or equal to 3 Mbps)

## Frenchboro



SOURCES: BROADBAND FCC SPEED TIER DEFINITION, CONNECTICUT AUTHORITY  
BROADBAND SERVICE DATA BASED ON PROVIDER SUBMISSIONS THROUGH 4/01/2015  
3 RING BINDER FIBER NETWORK, MAINE FIBER COMPANY



- 3 RING BINDER FIBER NETWORK
- BROADBAND SERVICE MEETING OR EXCEEDING SPEED TIER 3 DOWNLOAD AND UPLOAD CRITERIA
- NO BROADBAND SERVICE MEETING OR EXCEEDING SPEED TIER 3 DOWNLOAD AND UPLOAD CRITERIA
- LOCATIONS WITH NO REPORTED HOUSEHOLDS OR BUSINESSES
- TOWN
- COUNTY





# MAINE BROADBAND SERVICE COVERAGE

WIRED AND FIXED WIRELESS TECHNOLOGIES: SPEED GREATER THAN OR EQUAL TO FCC TIER 5 DOWNLOAD AND UPLOAD  
(Maximum advertised download and upload speeds greater than or equal to 10 Mbps)

## Frenchboro



SOURCES: BROADBAND FCC SPEED TIER DEFINITION, CONNECTICUT AUTHORITY  
BROADBAND SERVICE DATA BASED ON PROVIDER SUBMISSIONS THROUGH 4/01/2015  
3 RING BINDER FIBER NETWORK, MAINE FIBER COMPANY







- 3 RING BINDER FIBER NETWORK
- BROADBAND SERVICE MEETING OR EXCEEDING SPEED TIER 5 DOWNLOAD AND UPLOAD CRITERIA
- NO BROADBAND SERVICE MEETING OR EXCEEDING SPEED TIER 5 DOWNLOAD AND UPLOAD CRITERIA
- LOCATIONS WITH NO REPORTED HOUSEHOLDS OR BUSINESSES
- TOWN
- COUNTY



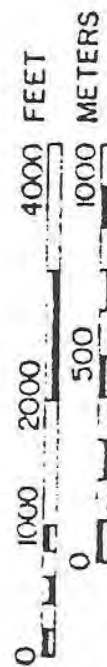
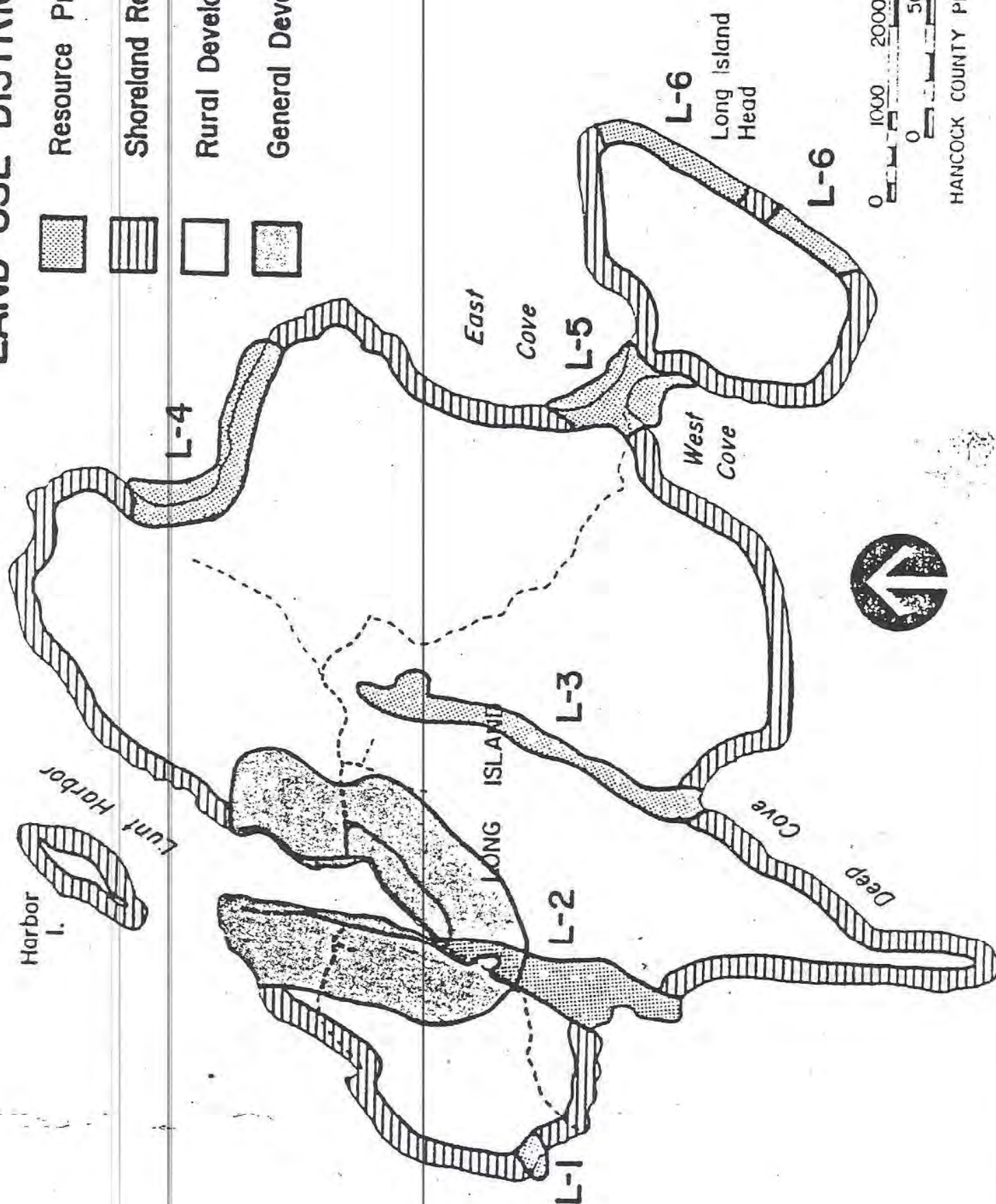
# FRENCHBORO

## LAND USE DISTRICTS Map I

-  Resource Protection
-  Shoreland Residential
-  Rural Development
-  General Development

Dry Money Ledge  
 Crow I.

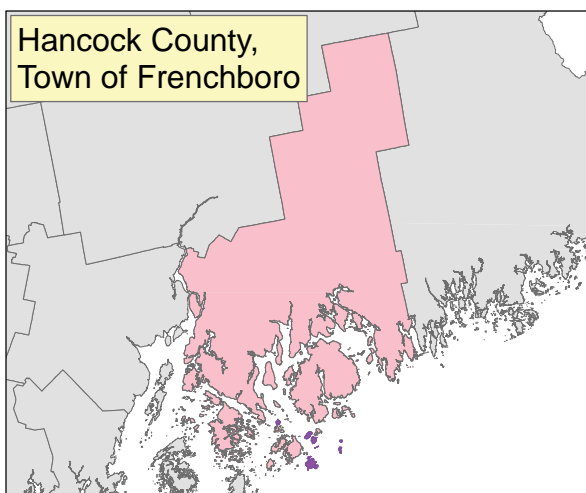
Harbor I.  
 Lunt Harbor



HANCOCK COUNTY PLANNING COMMISSION



0 1 2 Miles



## Frenchboro Development Constraints

Source Data: USDA, MEGIS, Maine DACF  
 Projection: UTM, NAD83, Zone 19, Meters  
 Produced by: Municipal Planning  
 Assistance Program, DACF  
 November 2015

