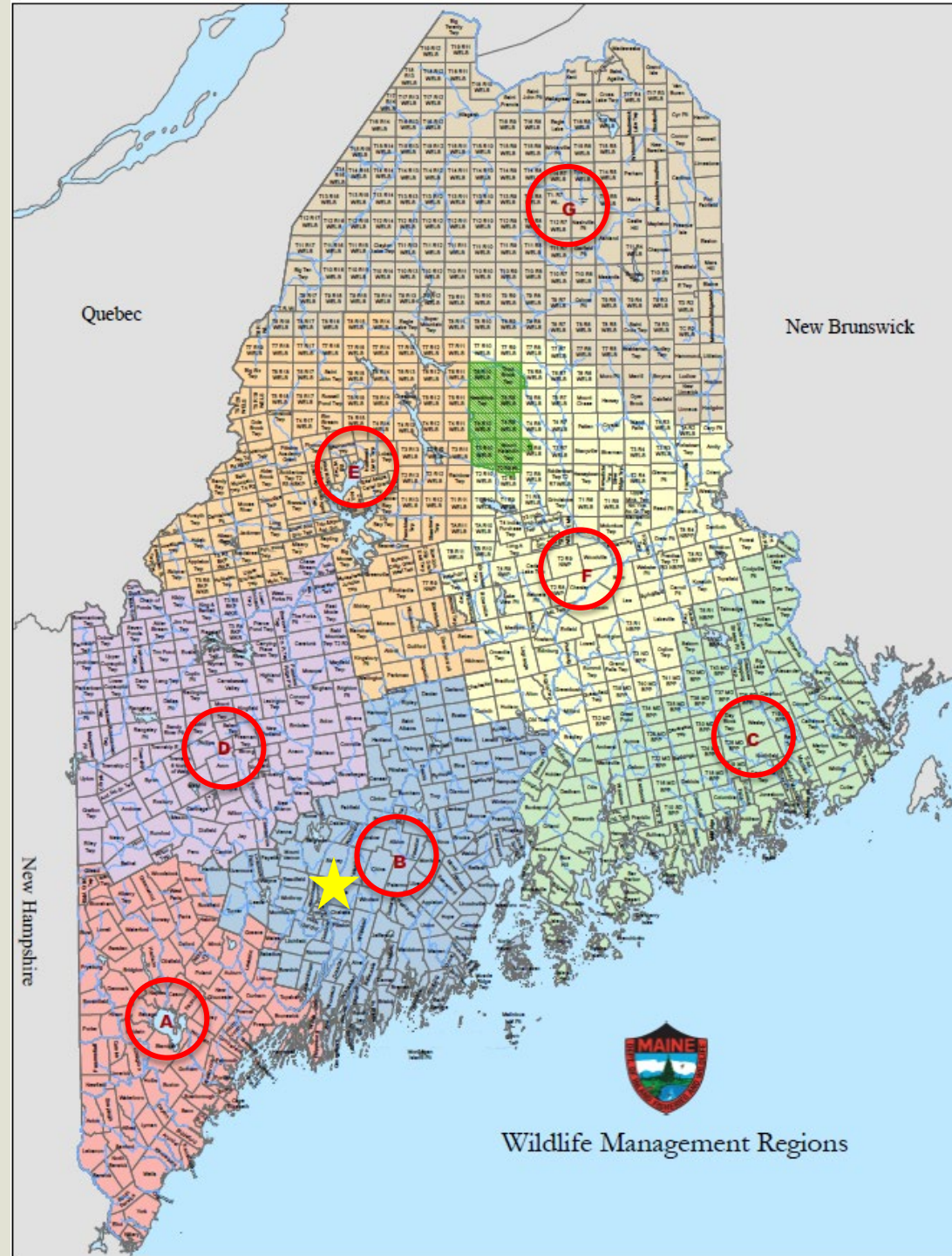


# Natural Resource Reviews November 20, 2025

Department of Inland Fisheries and Wildlife











# MDIFW's Environmental Review Program

MDIFW serves in an advisory role; we are non-regulatory

MDIFW preference is to work with applicants during pre-application phase of the project

MDIFW coordinates with DMR/MGS and permitting agencies





## **In coastal situations:**

## **In lake/river/stream situations:**

- If Significant Wildlife Habitat is not present, MDIFW is typically not consulted
  - MDIFW is normally consulted
  - If Significant Wildlife Habitat is present, MDIFW is consulted\*
- 
- If Essential Habitat is present, MDIFW is the lead regulator



# Coastal Habitats



Tidal Waterfowl/Wading Bird Habitats

Shorebird Areas

Seabird Nesting Islands

Essential Habitats



# Tidal Waterfowl and Wading Bird Habitats



## Waterfowl include but not limited to:

- brant
- wild ducks
- geese
- swans



## Wading birds include but not limited to:

- herons
- glossy ibis
- bitterns
- rails
- coots
- common moorhen
- sandhill crane





### Aquatic bed habitat (eelgrass)

- Mapped by DMR



### Reefs (mussel bars/beds)

- Mapped by DMR



### Emergent wetlands

- Mapped by IFW



### Mudflats

- Mapped by IFW



Tidal Waterfowl/Wading Bird Habitats





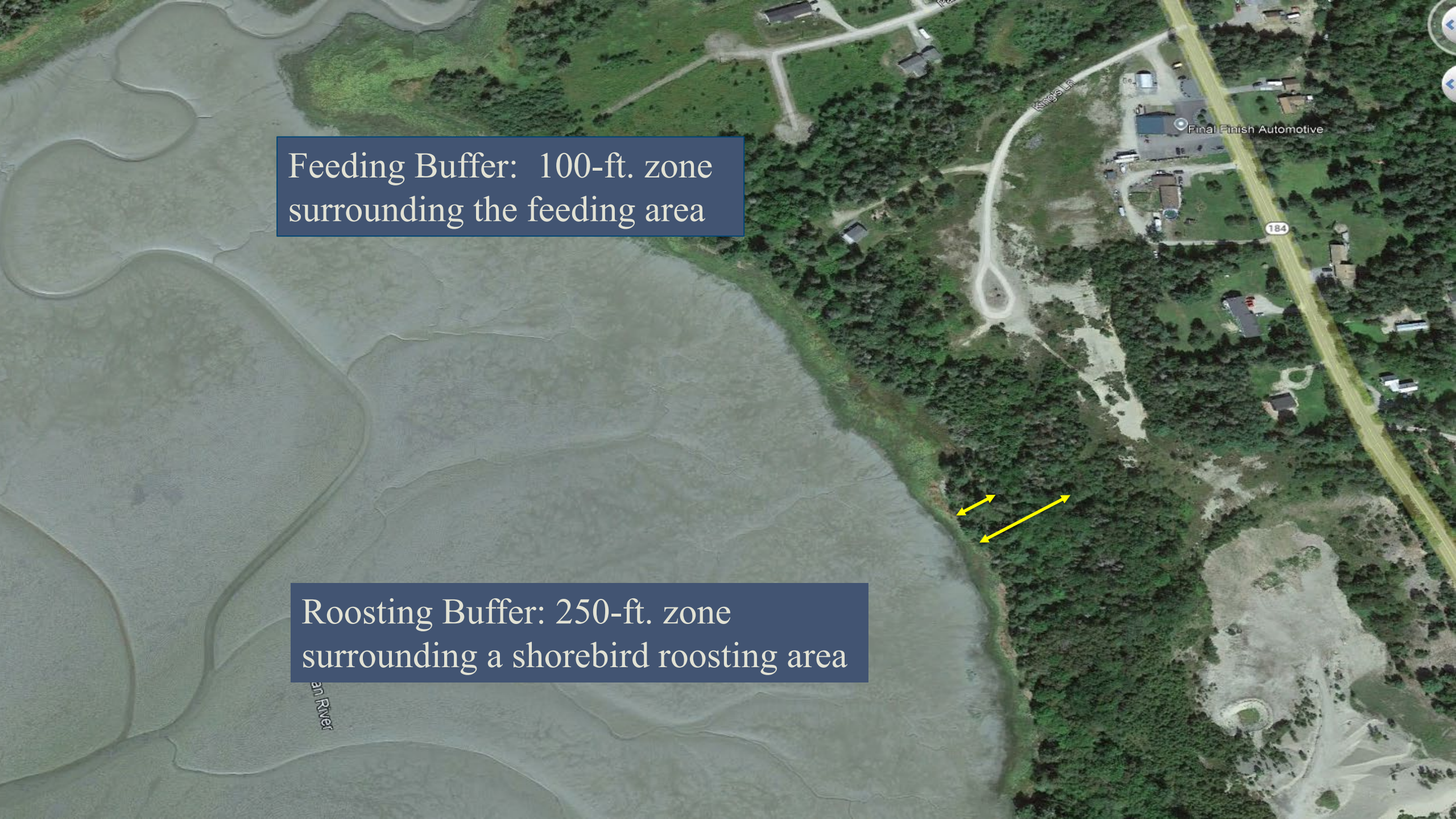
# Shorebird Areas

Shorebird species include but not limited to:

- sandpipers
- plovers







Feeding Buffer: 100-ft. zone  
surrounding the feeding area

Roosting Buffer: 250-ft. zone  
surrounding a shorebird roosting area





## Shorebird Areas

Western  
Landing



# Seabird Nesting Islands



Colonial nesting waterbirds include:  
Leach's storm-petrel  
great cormorant  
double-crested cormorant  
laughing gull  
herring gull  
great black-backed gull  
common tern  
arctic tern  
roseate tern  
razorbill  
black guillemot  
Atlantic puffin  
common eider







## Seabird Nesting Islands



## Essential Habitat

Piping Plover



**RESTRICTED AREA**

This area is a natural habitat for Terns and Plovers.

Least Tern



Roseate Tern

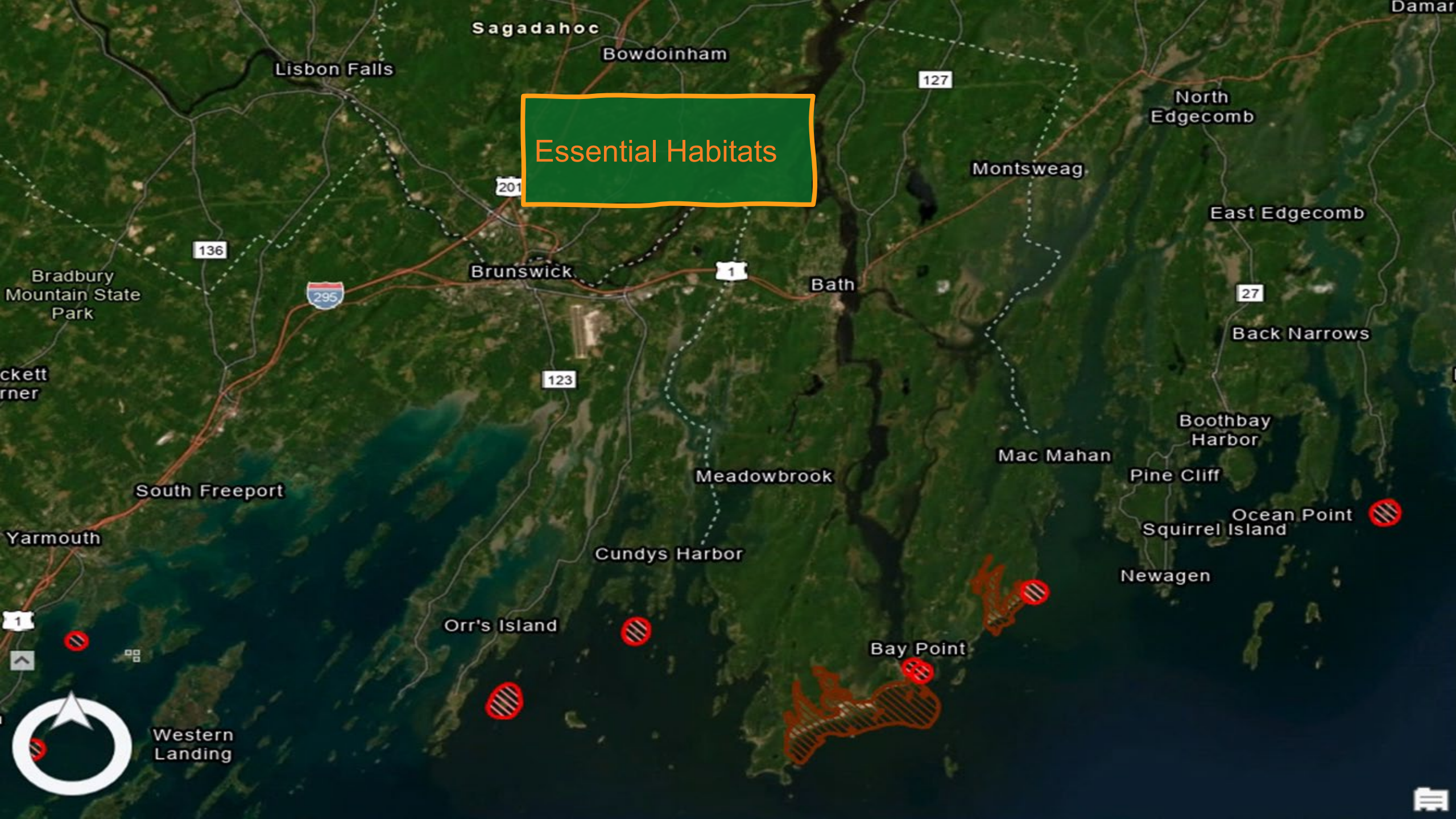


**THEIR NESTS AND EGGS  
ARE PROTECTED**

**UNDER MAINE AND FEDERAL LAWS**

Persons May Be Arrested and Fined for Killing,  
Harassing or in Any Way Disturbing Birds Nesting  
in This Area (12 MRSA Sec. 7756).



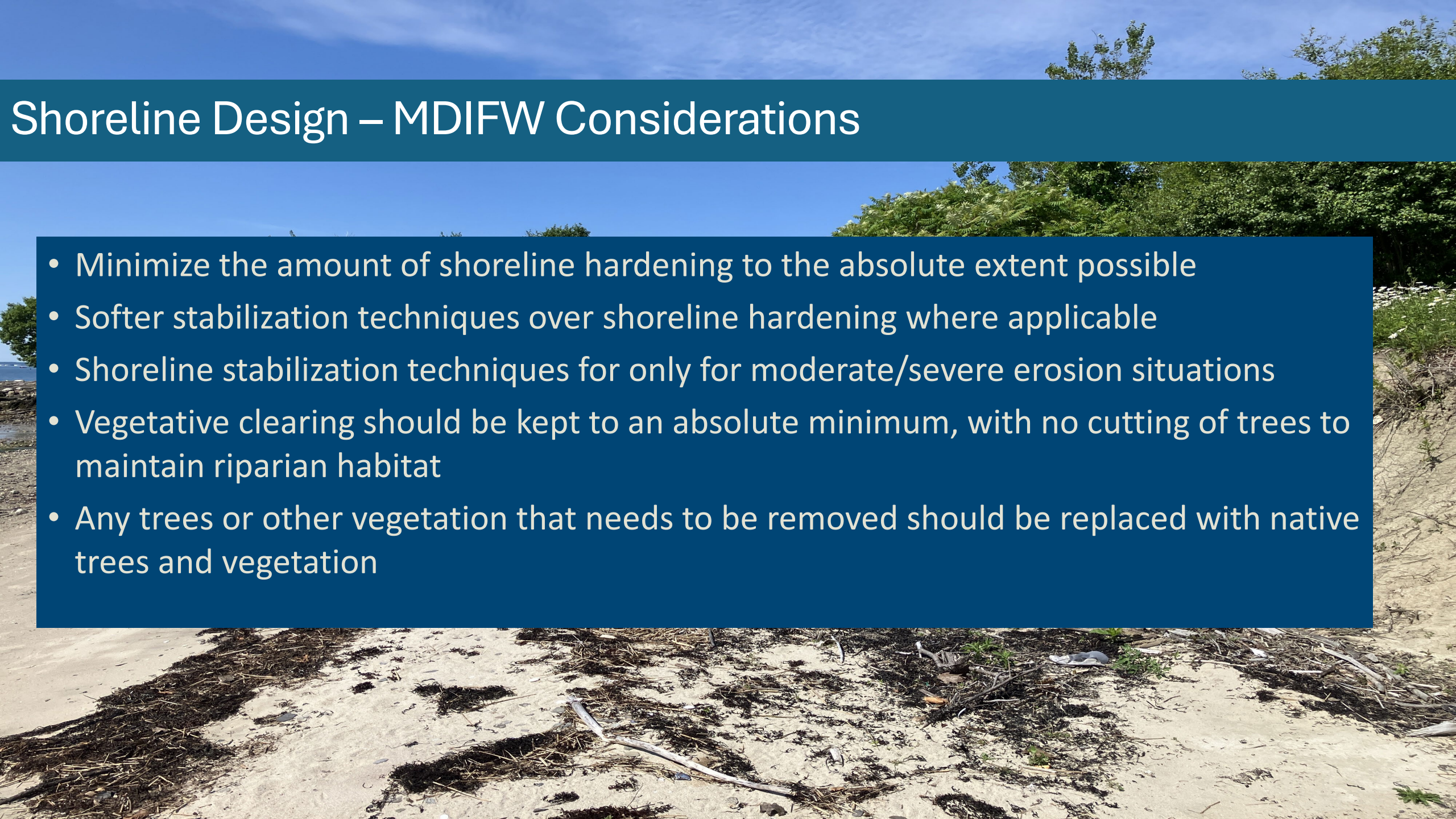


Essential Habitats



# Shoreline Design – MDIFW Considerations

- Minimize the amount of shoreline hardening to the absolute extent possible
- Softer stabilization techniques over shoreline hardening where applicable
- Shoreline stabilization techniques for only for moderate/severe erosion situations
- Vegetative clearing should be kept to an absolute minimum, with no cutting of trees to maintain riparian habitat
- Any trees or other vegetation that needs to be removed should be replaced with native trees and vegetation





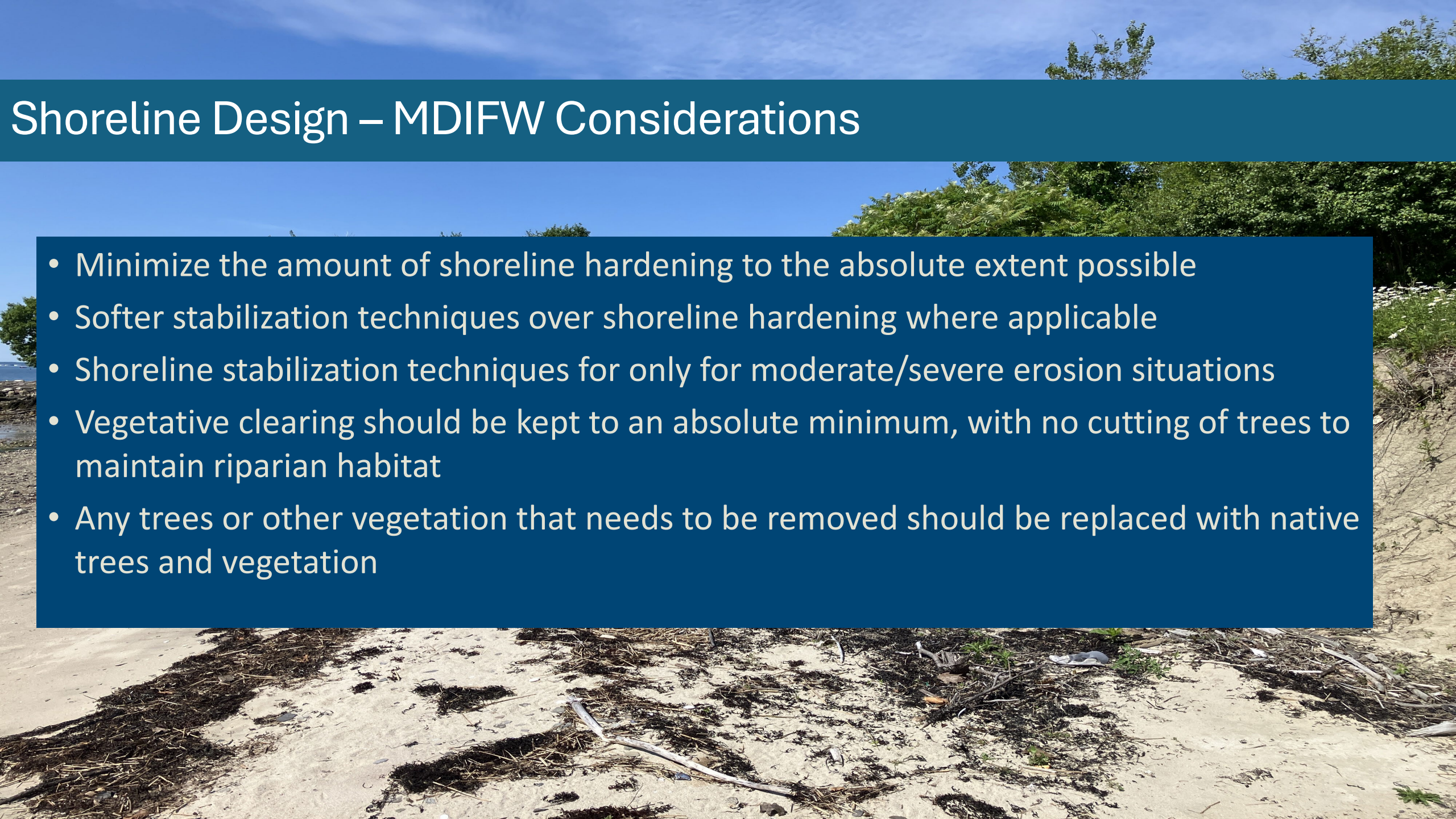
# Construction



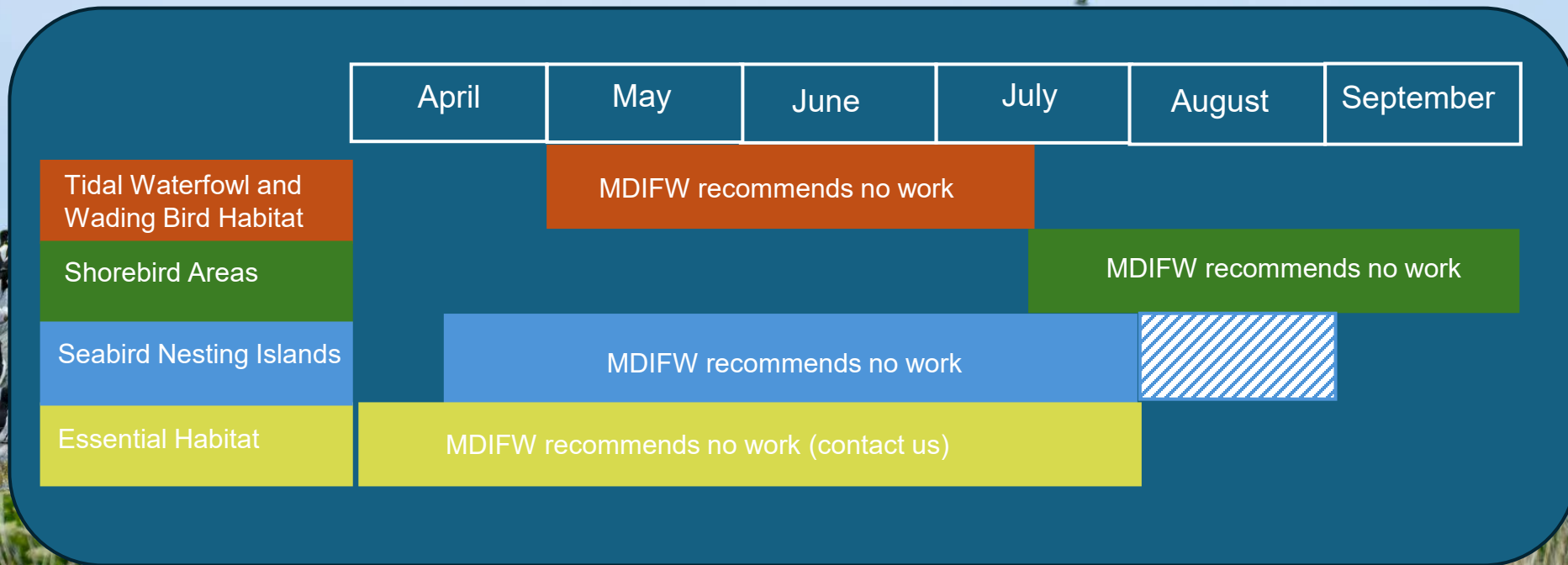


# Shoreline Design – MDIFW Considerations

- Minimize the amount of shoreline hardening to the absolute extent possible
- Softer stabilization techniques over shoreline hardening where applicable
- Shoreline stabilization techniques for only for moderate/severe erosion situations
- Vegetative clearing should be kept to an absolute minimum, with no cutting of trees to maintain riparian habitat
- Any trees or other vegetation that needs to be removed should be replaced with native trees and vegetation









# Questions & Comments?

[andrew.j.wood@maine.gov](mailto:andrew.j.wood@maine.gov)

[ciara.wentworth@maine.gov](mailto:ciara.wentworth@maine.gov)

[laura.hatmaker@maine.gov](mailto:laura.hatmaker@maine.gov)

[emily.robinson@maine.gov](mailto:emily.robinson@maine.gov)

[john.perry@maine.gov](mailto:john.perry@maine.gov)

[IFWenvironmentalreview@maine.gov](mailto:IFWenvironmentalreview@maine.gov)

