



**Refuge Boundaries**

- Refuge Managed Lands (Fee Title or Easement)

**Water Management**

- Water Control Structure
- Tide Gate
- Culvert
- Fish Ladder and Bypass
- Dike

**Forest Habitats**

- Sitka Spruce Zone Forest-Late-successional
- Sitka Spruce Zone Forest

**Estuarine Habitats**

- Wetland- Tidal Salt and Brackish Marsh
- Intertidal Flat / Aquatic Bed
- Open Water

**Freshwater Aquatic Habitats**

- Wetland- Permanent Natural
- Wetland- Seasonal Managed
- Riverine/Stream

**Coastal Habitats**

- Vegetated Coastal Sand Dune
- Unvegetated Coastal Sand Dune

**Upland Field Habitats**

- Upland Grassland
- Short-grass Field

**Developed Land**

- Roads and Buildings

**Common to all alternatives:**

- All Sitka Spruce Zone Forest managed to late-successional stage.
- Invasive species removal in all units
- Integrated Pest Management in all units