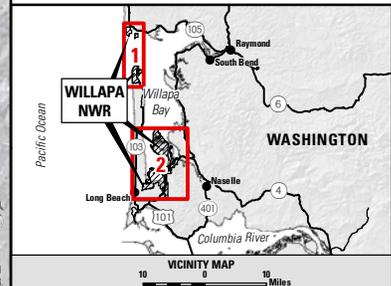


- Refuge Boundaries**
- Refuge Managed Lands (Fee Title or Easement)
- Water Management**
- Water Control Structure
  - Tide Gate
  - Culvert
  - Fish Ladder and Bypass
  - Dike
- Forest Habitats**
- Sitka Spruce Zone Forest-Late-successional
  - Sitka Spruce Zone Forest
- Estuarine Habitats**
- Wetland- 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



Data Sources: Refuge Boundaries from USFWS/R1; Hydrology from NHD USGS; Roads from ESRI; Imagery fom 07/01/2001 Landsat