



**TRADING BAY STATE GAME REFUGE**  
**VEGETATION**  
**WETLANDS CLASSIFICATION LEGEND**

- ◆ **SYSTEM**
- Subsystem
- M MARINE**
  - 1 Subtidal
  - 2 Intertidal
- L LACUSTRINE**
  - 1 Littoral
  - 2 Littoral
- P PALUSTRINE**
  - No Subsystems
- E ESTUARINE**
  - 1 Subtidal
  - 2 Intertidal
- R RIVERINE**
  - 1 Tidal
  - 2 Lower Perennial
  - 3 Upper Perennial
  - 4 Intermittent
  - 5 Unknown Perennial
- U UPLAND**
- ◆ **CLASS**
- Subclass
- RB ROCK BOTTOM**
  - 1 Bedrock
  - 2 Rubble
- UB UNCONSOLIDATED BOTTOM**
  - 1 Cobble/Gravel
  - 2 Sand
  - 3 Mud
  - 4 Organic
- OW OPEN WATER/  
UNKNOWN BOTTOM**
- SB STREAMBED**
  - 1 Bedrock
  - 2 Rubble
  - 3 Cobble/Gravel
  - 4 Sand
  - 5 Mud
  - 6 Organic
  - 7 Vegetated
- AB AQUATIC BED**
  - 1 Algal
  - 2 Submergent Vascular
  - 3 Rooted Vascular
  - 4 Floating-leaved Vascular
  - 5 Floating Vascular
  - 6 Unknown Submergent
  - 7 Unknown Surface
- SS SCRUB/SCRUB**
  - 1 Broad-leaved Deciduous
  - 2 Needle-leaved Deciduous
  - 3 Broad-leaved Evergreen
  - 4 Needle-leaved Evergreen
- ML MOSS/LICHEN**
  - 1 Moss
  - 2 Lichen
- EM EMERGENT**
  - 1 Persistent
  - 2 Nonpersistent
  - 5 Persistent
- RS ROCKY SHORE**
  - 1 Bedrock
  - 2 Rubble
- US UNCONSOLIDATED SHORE**
  - 1 Cobble/Gravel
  - 2 Sand
  - 3 Mud
  - 4 Organic
  - 5 Vegetated
- FL FLATS**
  - 1 Cobble/Gravel
  - 2 Sand
  - 3 Mud
  - 4 Organic
  - 5 Vegetated
- BB BEACH/BAR**
  - 1 Cobble/Gravel
  - 2 Sand
- ◆ **WATER REGIME MODIFIERS**
- NONTIDAL**
  - A Temporarily Flooded
  - B Saturated
  - C Seasonally Flooded
  - D Seasonally Flooded (Well Drained)
  - E Seasonally Flooded (Saturated)
  - F Permanently Flooded
  - H Permanently Flooded
- TIDAL**
  - L Subtidal
  - M Irregularly Exposed
  - N Regularly Flooded
  - P Irregularly Flooded
  - T Seasonally Flooded-Tidal
  - S Temporarily Flooded-Tidal
  - T Permanently Flooded-Tidal
  - V Permanently Flooded-Tidal
- ◆ **WATER CHEMISTRY MODIFIERS**
- COASTAL HALINITY**
  - 1 Hypersaline
  - 2 Euhaline
  - 3 Mixohaline/Brackish
  - 4 Polyhaline
  - 5 Mesohaline
  - 6 Oligohaline
  - 0 Fresh
- INLAND SALINITY**
  - 7 Hypersaline
  - 8 Euhaline
  - 9 Mixohaline
  - 0 Fresh
- pH FRESHWATER**
  - a Acid
  - c Circumneutral
  - i Alkaline
- ◆ **SPECIAL MODIFIERS**
- ◆ **SOIL MODIFIERS**
  - b Beaver
  - d Partially Drained/Ditched
  - f Farmed
  - h Diked/Impounded
  - r Artificial
  - s Spoil
  - x Excavated
  - g Organic
  - n Mineral

SCALE 1:63,360  
 0 1 2  
 MILES

STATE OF ALASKA  
 DEPARTMENT OF FISH AND GAME  
 JULY 1994

Information prepared by U.S.F.W.S. National Wetlands Inventory based on Classification of Wetlands and Deepwater Habitats of the U.S., Cowardin, et al. 1977. For more detailed information on vegetation complexes see the National Wetlands Inventory Notes to Users, Kenai and Tyonek quads.