South Bay Management Unit

South Bay Management Unit – South Bay Tributaries

**Primary Subbasins:**
- John's River
- Elk River

**Anadromous Fish Stocks:**
- fall Chinook
- coho
- chum
- cutthroat
- winter steelhead

**Secondary Subbasins:**
- Alder Creek
- Charley Creek
- Newskah Creek
- Chapin Creek
- Campbell Creek
- Indian Creek
- Stafford Creek
- O’Leary Creek

### Tier 1 Concerns

**Fish Passage, Sediment, Riparian**
- Correct barrier culverts
- Identify specific degraded riparian areas for restoration needs
- Interplant conifers in deciduous dominant areas where appropriate
- Protect key properties of riparian habitat by a fee simple or easements
- Reduce sediment loading by reducing road densities (abandoned/decommission)
- Remove / control invasive species
- Revegetate streams/riverbanks for added protection from erosion
- Upgrade logging roads to comply with Forest Practices Act Rules and Regulations

### Tier 2 Concerns

**Large Woody Debris, Floodplain**
- Correct barrier culverts
- Develop LWD supplementation plan that will install logjams and key pieces to improve instream channel structure and habitat diversity
- Enhance estuary connectivity
- Install LWD pieces in conjunction with other restoration projects
- Reconnect, enhance, and or restore potential off channel, floodplain, and wetland habitat

### Tier 3 Concerns

**Water Quality**
- Implement TMDL recommendations