

# Grays Harbor Estuary Management Unit

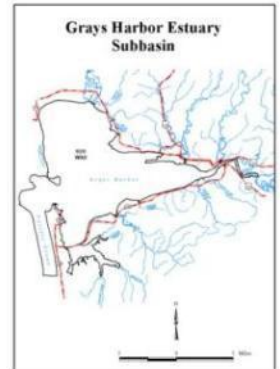
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## Grays Harbor Estuary Management Unit – Grays Harbor Estuary

### Major Tributaries:

### Anadromous Fish Stocks:

Spring Chinook  
fall Chinook\*  
summer Chinook\*  
coho\*  
chum  
winter steelhead\*  
bull trout\*  
(\*priority stock)



## Tier 1 Concerns

### Water Quality, Total Estuary Habitat Loss

- Enhance water quality
- Evaluate current water quality conditions and the impact of effluent treatment technologies
- In situ biomonitoring
- Minimize chemical usage in estuary and upland habitat
- Phytoremediation
- Pier removal
- Reclaim developed estuary habitat
- Reduced effluent discharge
- Sediment dredging and/or capping



## Tier 2 Concerns

### Exotic Species, Sediment, Surge Plain, Tributary Connectivity

- Control invasive species
- Enhance access to off-channel habitat
- Enhance estuary connectivity by removing migration barriers
- Evaluate current estuary habitat usage and distributions of life-history patterns among salmonid stocks
- Minimize the spread of non-native *Spartina*
- Reduce sediment re-suspension via dredging

## Tier 3 Concerns

### Ocean Connectivity, Large Woody Debris, Channel Stability

- Enhance eel grass bed density
- Increased LWD in mud flats