

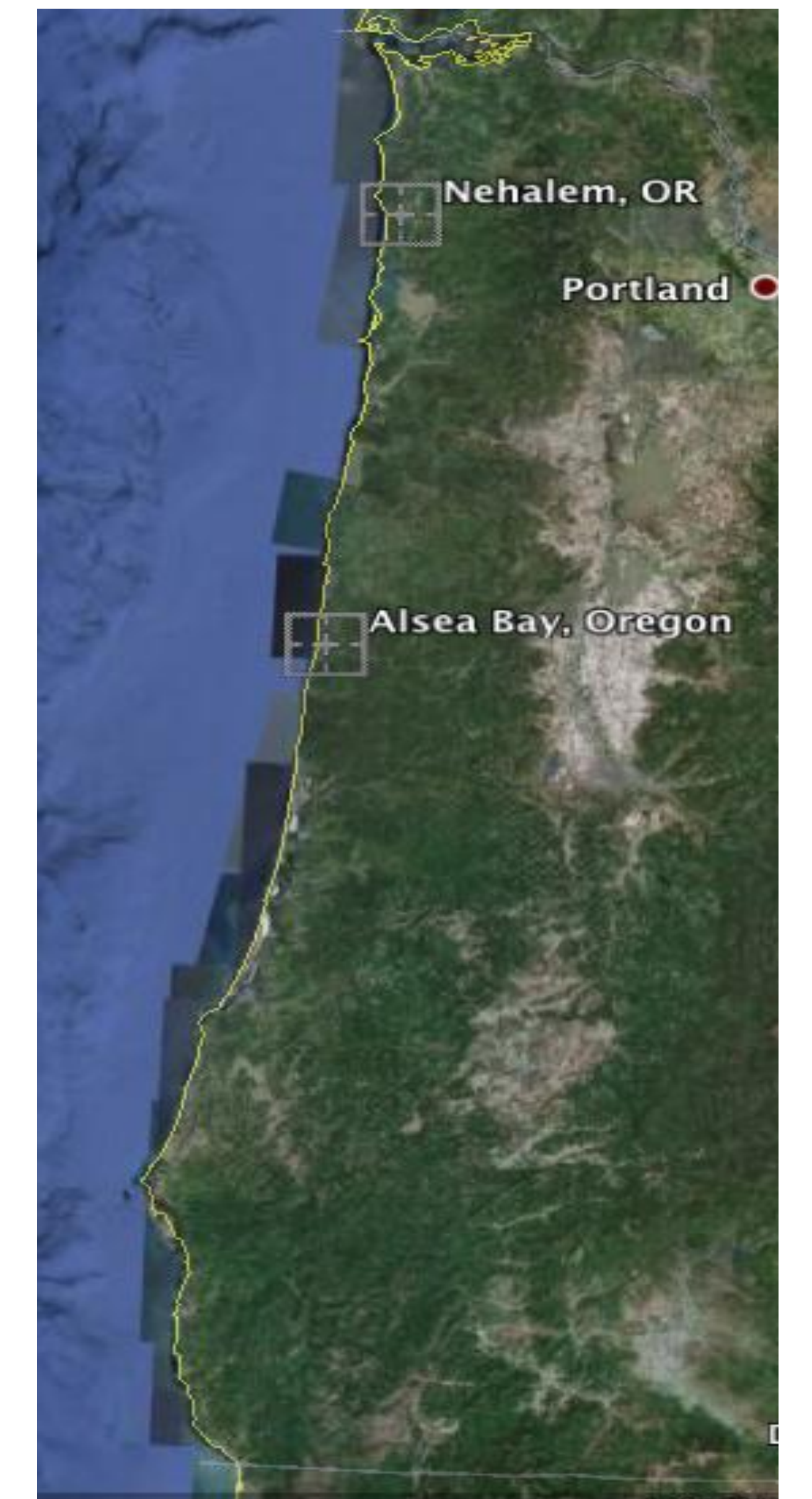
## Oregon Coastal Steelhead Smolts

Develop a monitoring strategy for estuarine survival that will integrate with the ODFW Life Cycle Monitoring Program based on a monitoring design to follow survival of smolts in the coastal rivers of Oregon

Two basins, Acoustic telemetry, Time series  
V7 tags implanted throughout run – 2 years



Smolt trap – Alsea River



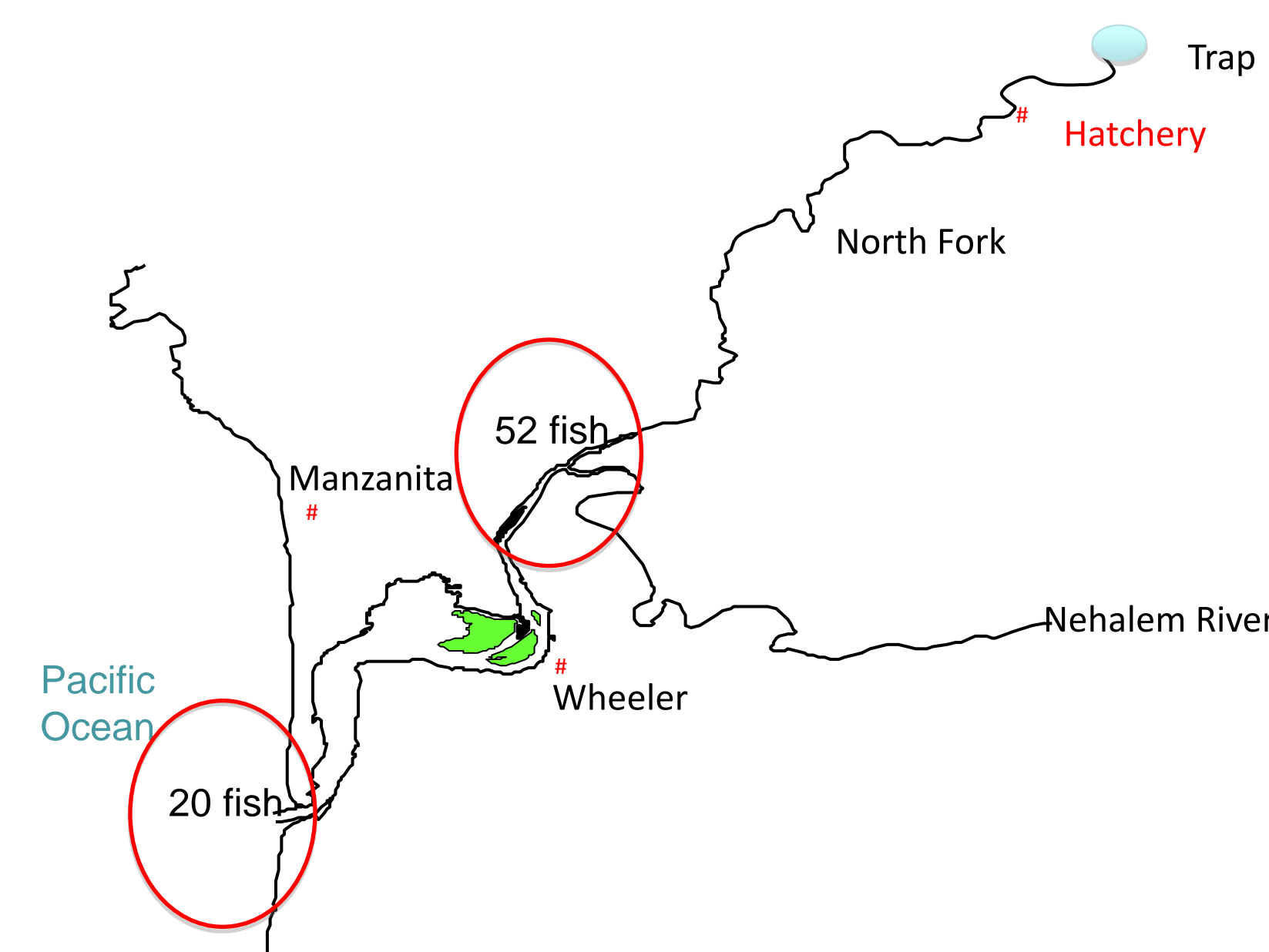
Nehalem & Alsea rivers



Implanting acoustic tags



Alsea River smolt survival



Nehalem River smolt survival

- **Survival Rate through the rivers was 74 - 90 %**
- **Survival Rate to the ocean was 30 - 33 %**
- **Future research: radio tags to determine source of mortality (loss of acoustic tag signals)**