

## Presentation outline

- 1. Not the usual historical review today
- 2. Review I DFG sockeye recovery strategy
- 3. Review completed & planned infrastructure improvements needed to implement strategy
- 4. Review smolt production (current and proposed)
- 5. Review adult return success (current and expected)

## I DFG sockeye recovery strategy

- I DFG working collaboratively with NOAA to develop recovery plan language for S.R. sockeye salmon
- 2. I DFG strategy recommends a phased approach that includes:
  - a. Increased smolt production
  - b. Increased use of F<sub>1</sub> anadromous adults (hatchery and natural spawning)
  - c. Development of an integrated program that balances the use of "wild" and F<sub>1</sub> anadromous adults in the hatchery and in the habitat

## Implementing the strategy

- 1. Support for program expansion is firmly in place in:
  - a. The 2008 FCRPS BiOp (RPA Action 42)
  - b. The I daho Fish Accord
  - c. And supported through the recently released AMIP -

"This species....is effectively managed under ongoing contingency actions....(that) include continuation of the safety-net hatchery program (and) further expansion of the sockeye program (up to 1 million fish released as smolts)......"

# Implementing the strategy

- 1. Additional hatchery infrastructure is needed to:
  - a. Produce the additional <u>broodstock</u> adults needed to meet increased smolt production expectations (e.g., more spawners)
  - b. To rear up to 1 million full-term smolts



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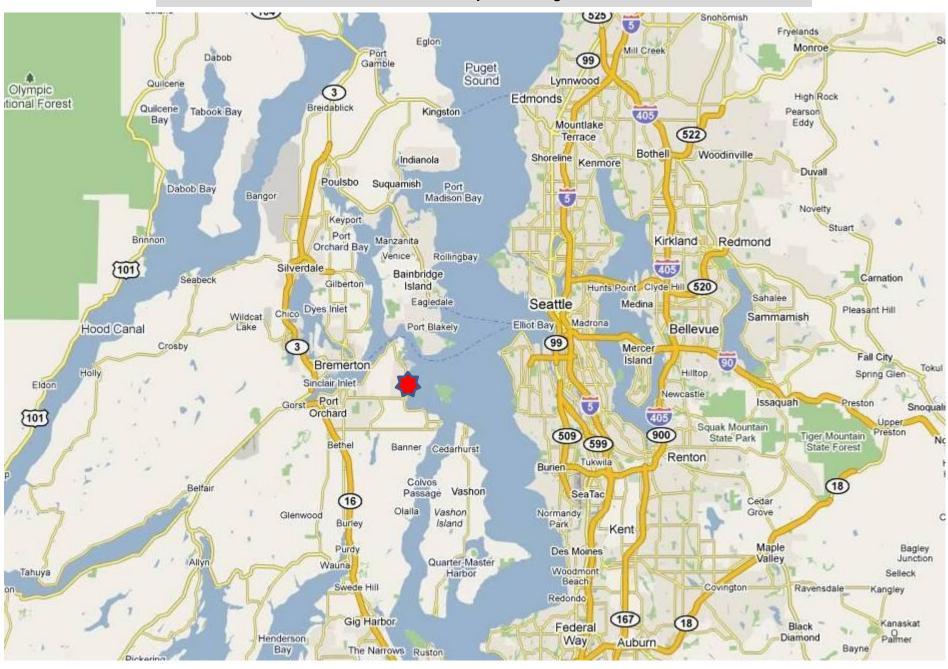


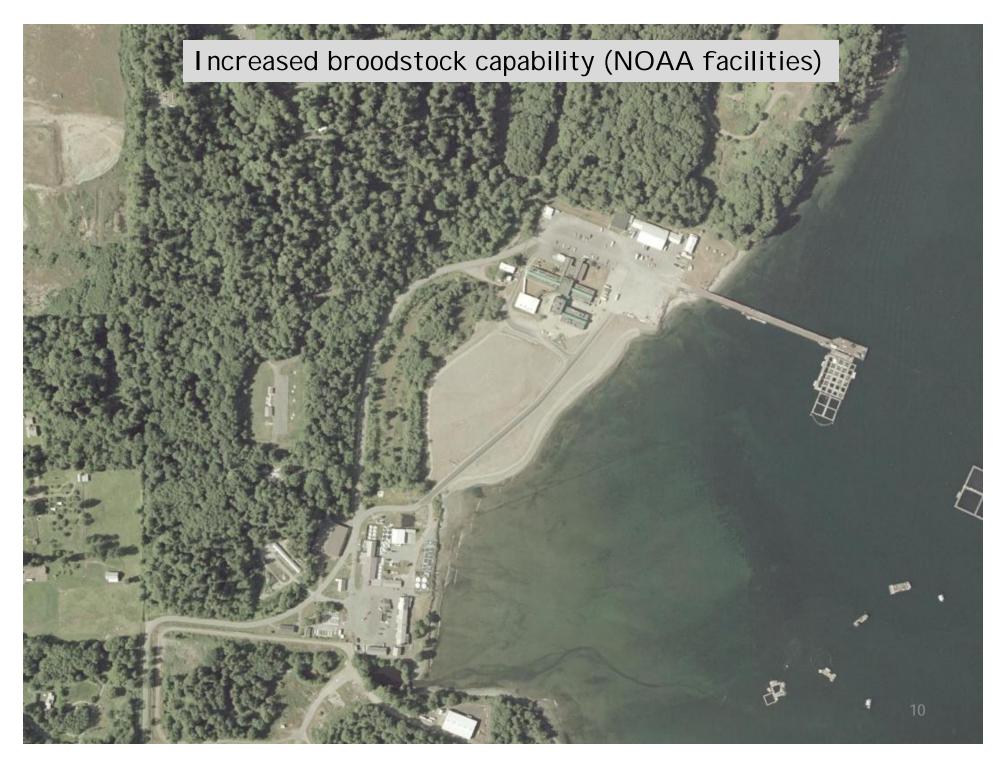
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#### Increased broodstock capability (NOAA facilities)





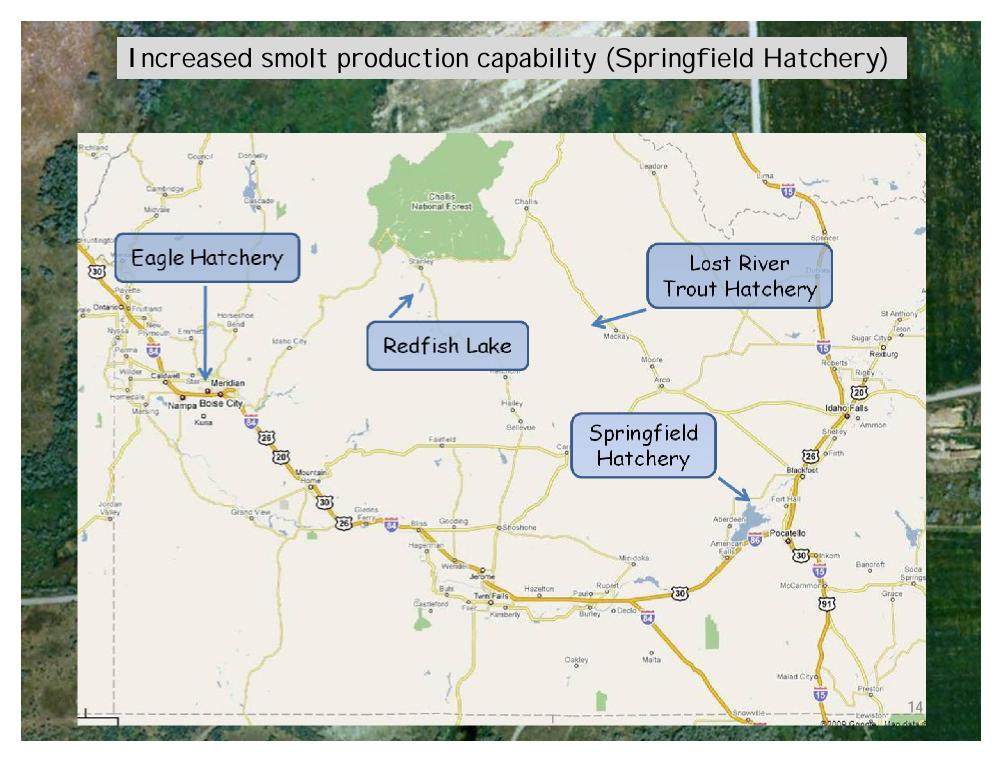
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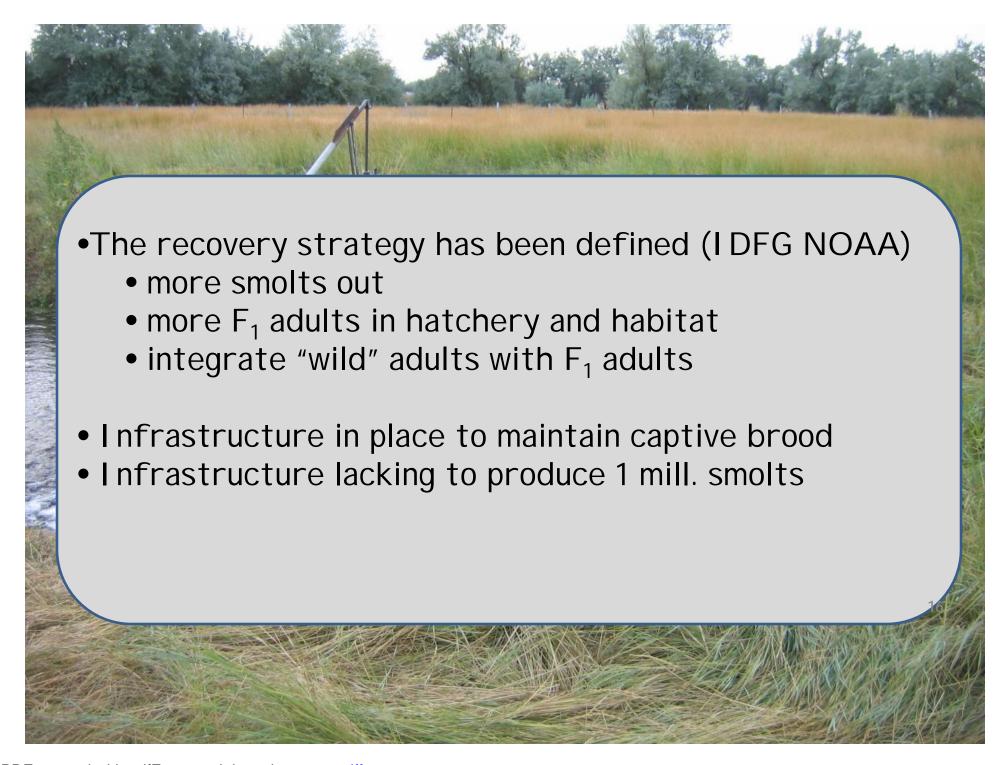


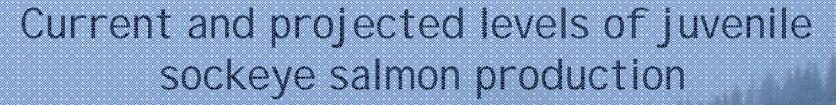
# Implementing the strategy

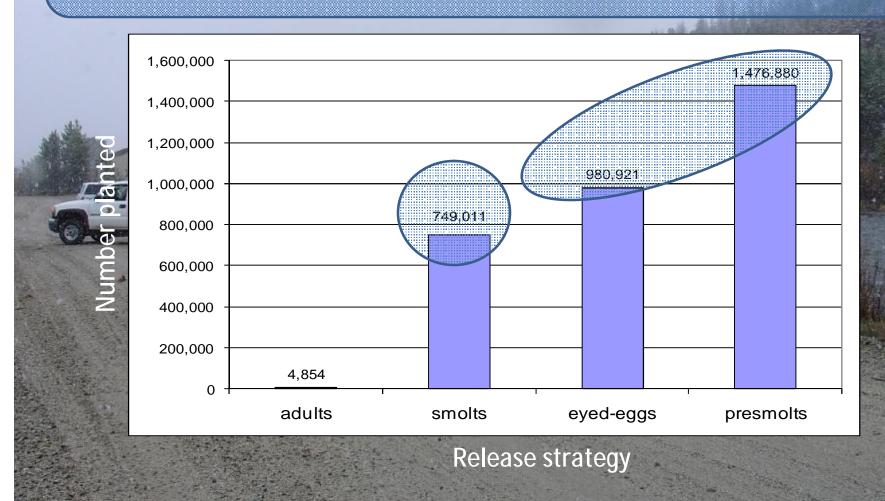
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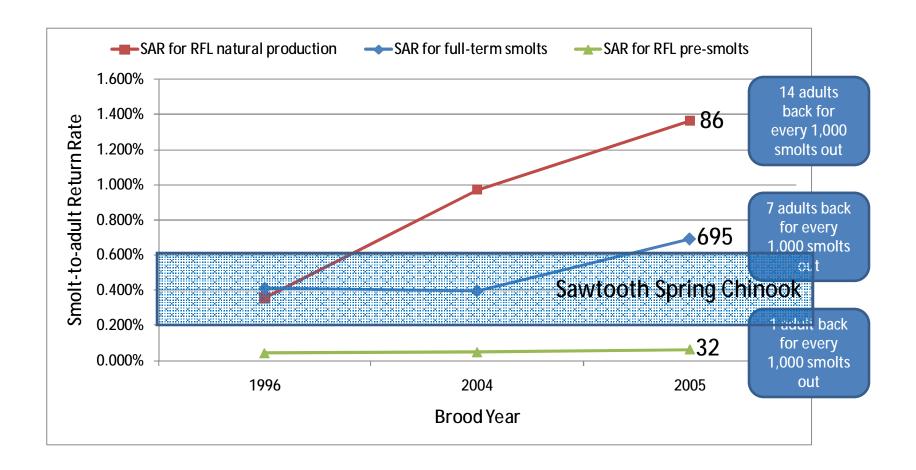




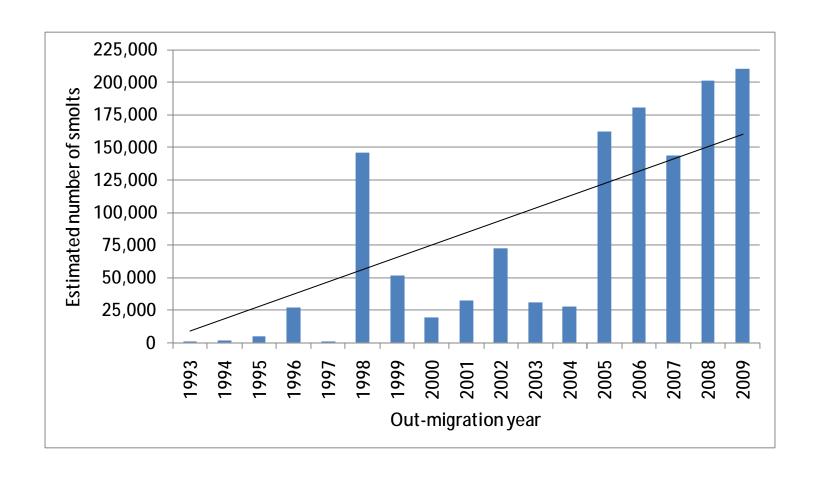




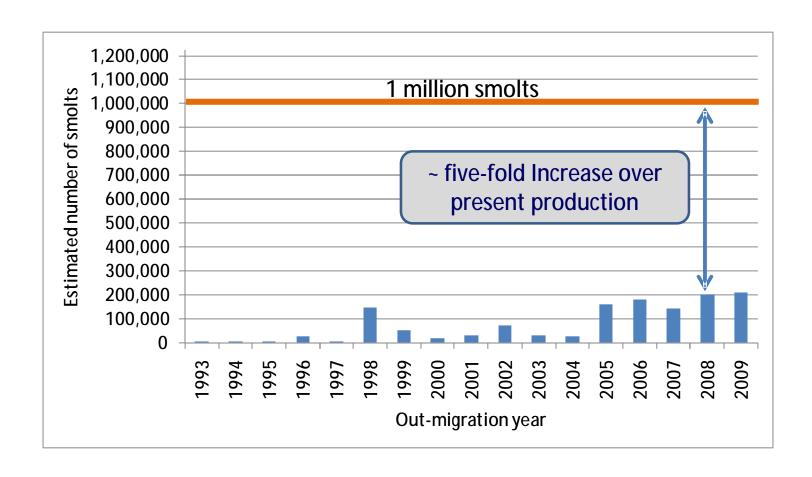
## Smolt-to adult returns by strategy



# Smolt production

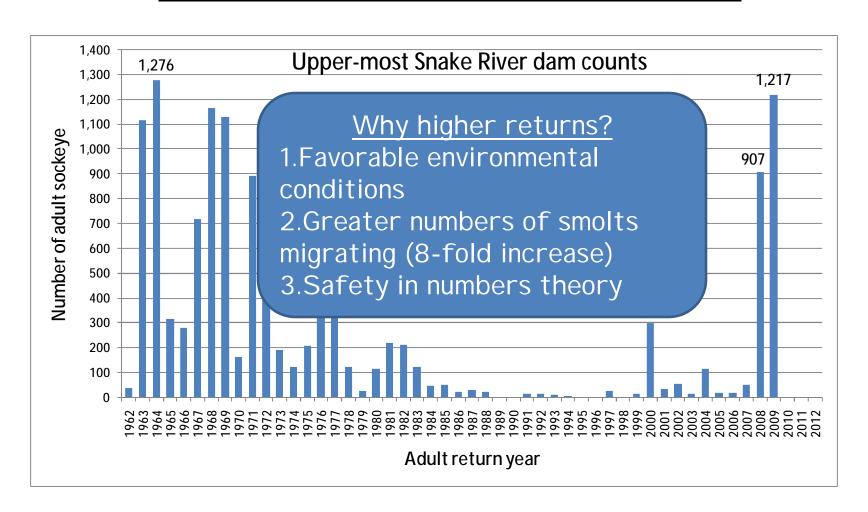


## Smolt production

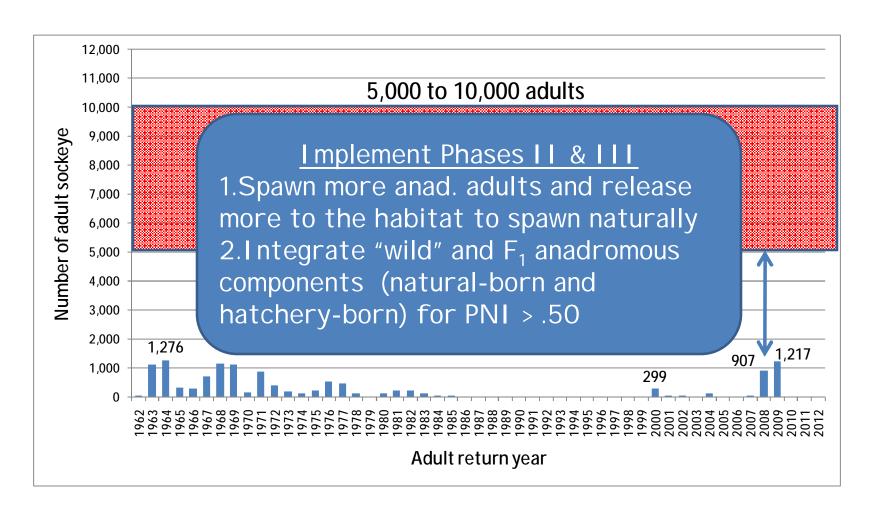


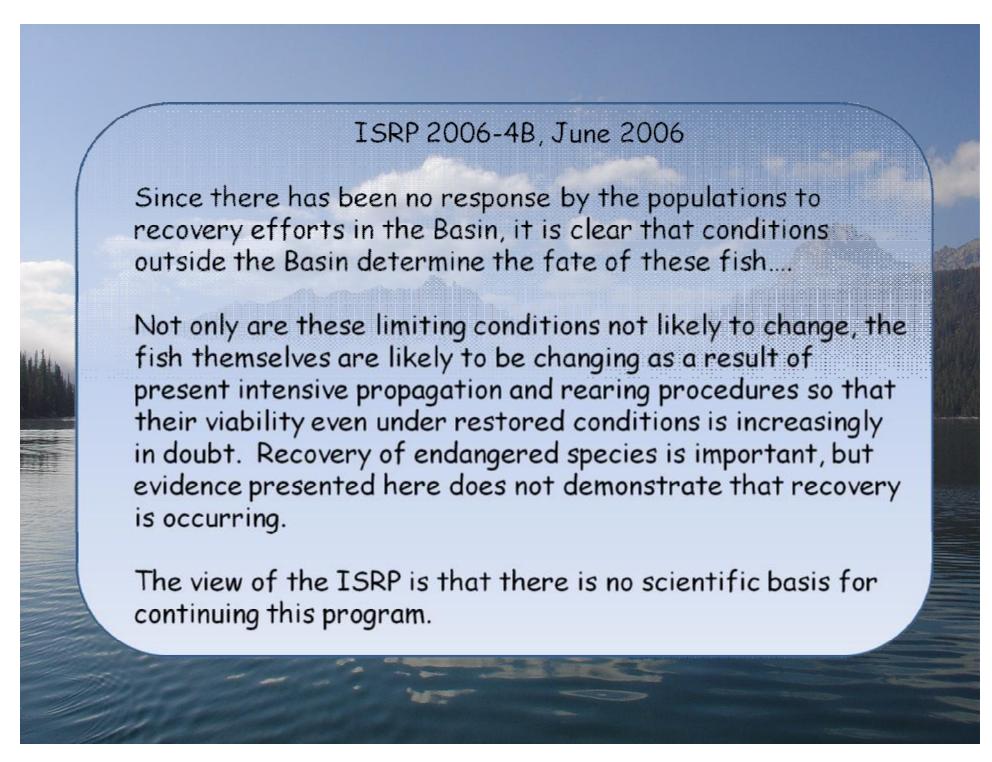


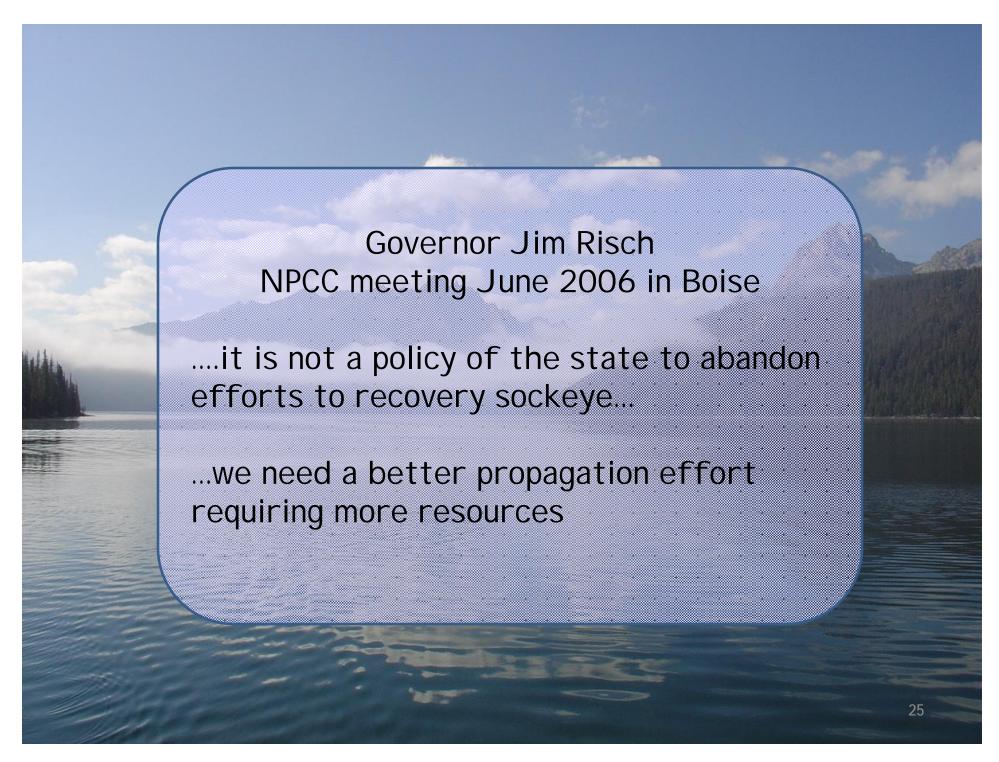
#### Anadromous adult returns



### Anadromous adult returns

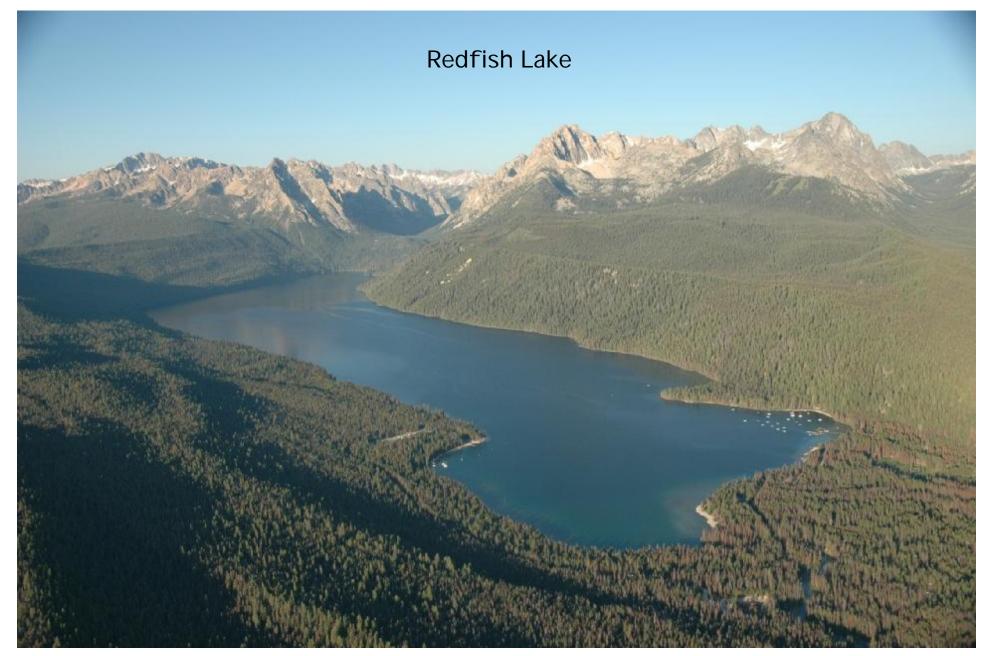




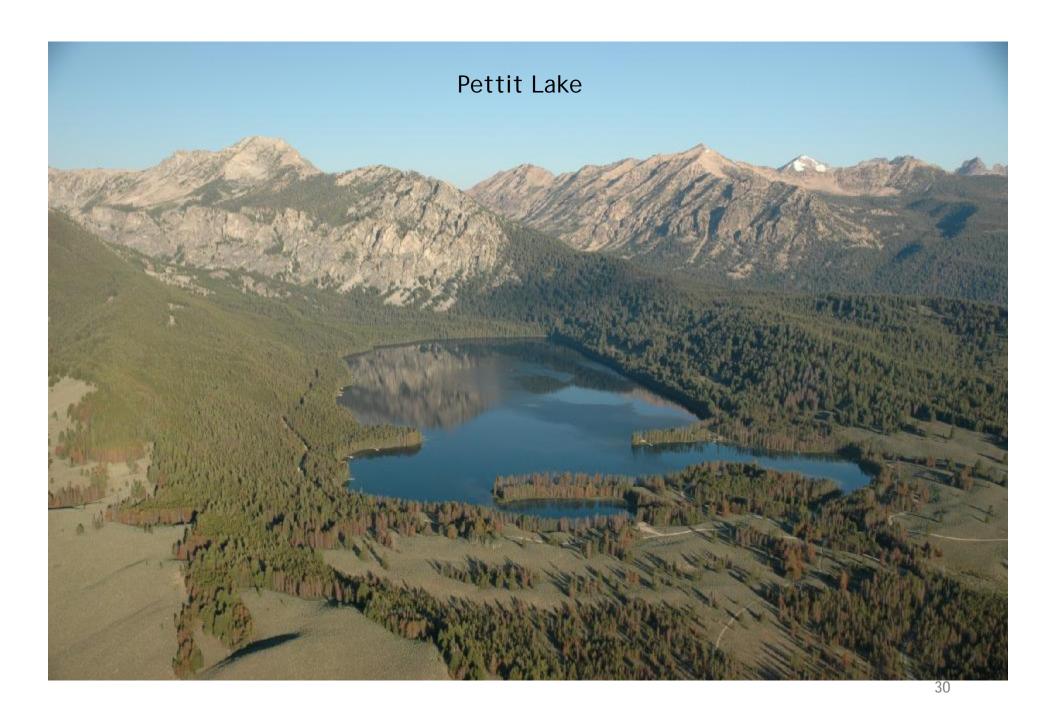




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