



Providing and protecting your salmon resource.

## Cook Inlet Aquaculture Association

A non-profit regional association which exists to:

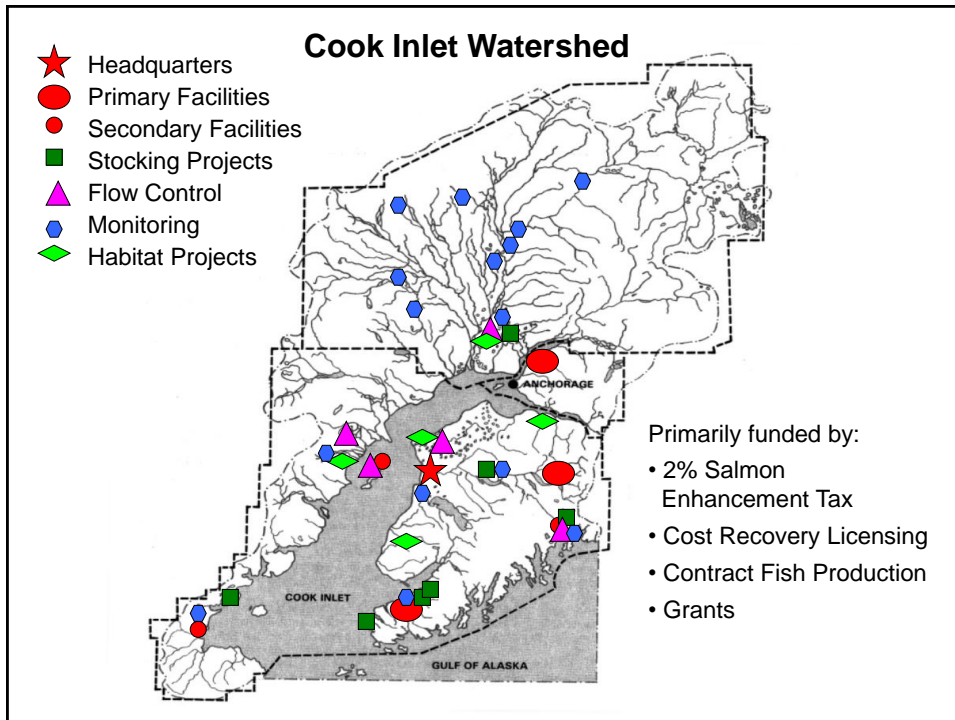

- (1) protect self-perpetuating salmon stocks and habitats upon which they depend;
- (2) rehabilitate self-perpetuating salmon stocks;
- (3) rehabilitate salmon habitat; and
- (4) maximize the value of the Cook Inlet (Area H) common property salmon resource by applying science and enhancement technology where appropriate.



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## *Board of Directors*


- Cook Inlet Fishermen's Fund
- Cook Inlet Seiners Association
- Kenai Peninsula Fishermen's Association
- North Pacific Fisheries Association
- Northern District Setnetters of Cook Inlet
- United Cook Inlet Drifters Association
- Inlet Wide Commercial Fishermen Representatives
- City of Homer
- City of Kachemak
- City of Seward
- Cook Inlet Region, Inc.
- Kenai Peninsula Borough
- Matanuska-Susitna Borough
- Municipality of Anchorage
- Processor Representatives
- Port Graham/Nanwalek Representative

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## *Tutka Bay Lagoon Hatchery*

- State of Alaska-owned facility operated by CIAA since 1992
  - No operations 2004 to 2010 due to low pink salmon prices
- Pink salmon facility with a permitted capacity of 125,000,000 eggs





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- 125 million pink salmon eggs should result in 100 million fry
- Short-term rear (2–3 months) pink salmon fry in net pens once they emerge from incubation
- 100 million fry should result in an average return of 3 million adults available for common property/cost recovery fishery



**3 million adults @ 3.2 lbs @ 0.35/lb =  
\$3,360,000 ex-vessel value**



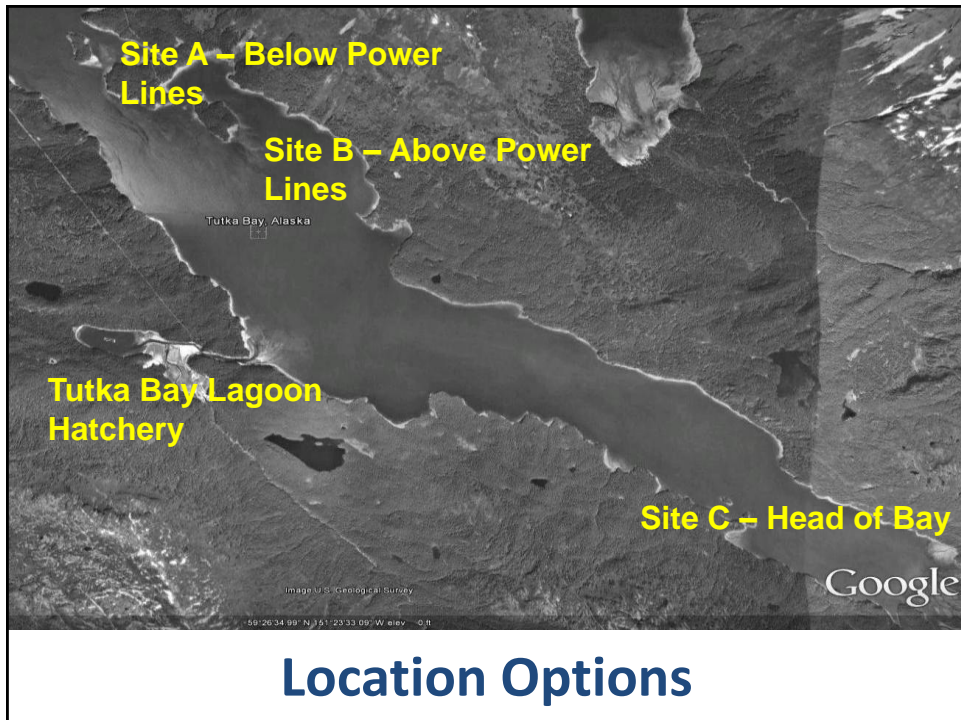
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## *Net Pen Site Request*



- Fry have been transferred 12 net pens located in Tutka Bay Lagoon
- Strategy not the best for the success of the program and management of the fishery
- CIAA requested permission from State Parks to install a secondary net pen site at an alternative remote rearing site


***On hold due to recent court case***




## *Leisure and Hazel Lakes*


- Average 2 million sockeye fry are stocked annually
- Provide economic & social value
- Fertilization/limnology project annually
- Stocking
  - Tustumena stock until 2004, average return of 149,000 adults through combined Leisure/Hazel lakes stocking
  - 2004 onward used Hidden Lake stock, average return of adults has dropped to 25,000
  - Transitioning to English Bay Lakes stock
- Initiating enumeration project to investigate drop in returns




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*Typical smolt trap deployment* ↓






↑ *Typical weir deployment*

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*Port Graham Hatchery*





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- Permitted for 125 million pink salmon
- Potential economic value similar to Tutka Bay Lagoon Hatchery

**3 million adults @ 3.2 lbs @ 0.35/lb  
= \$3,360,000 ex-vessel value**



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*Questions?*

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