

# Abandoned Intake Channel Case Study



## The Impact is to fill in the 3.5 acre AIC

Their Reason:

- 1) Obtain cool water for existing adjacent fish facility to improve survival of fish collected and held for research purposes



# Purpose and Need

- **Basic Purpose:**

- Water Supply

Water Supply is not a water dependant basic purpose, as water supply can be obtained without impacting surface waters

- **Overall Purpose:**

- Water Supply for Delta Fish Facility

- **Need:**

Certain min/max water temperature, volume and quality



# Questions They Asked



- Would they need to look at any alternatives?
- What alternatives would they have to look at?
- Is it going to be hard to get a permit for what they want?



# Answers to their Questions

- Would they need to look at any alternatives?
- YES, and upland alternatives are presumed to exist because basic purpose is not water dependant



# Answers to their Questions

- What alternatives would they have to look at?
    - 1) Refrigerator/water cooling equipment
    - 2) Grey water line from municipal water co.
    - 3) Deepen existing water intake
    - 4) Relocate existing water intake (small distance)
- No to Relocate existing fish research facility





# Is it going to be hard to get a permit for what they want?

