

**Assessment of DCC and
a Sacramento River
Diversion at Hood**

cooperation

*connector
to Mokelumne*

April 10, 2000

*April
5/31/00
K. ...*



Process

- Study and evaluate a screened diversion structure on the Sacramento River at Hood with a range of diversion capacities up to 4,000 cfs as a measure to improve drinking water quality in the event that the Water Quality Program measures do not result in continuous improvements toward CALFED drinking water goals.



Hood diversion contingent on three assessments

- A thorough assessment of Delta Cross Channel operation strategies and confirmation of continued concern over water quality impacts from Delta Cross Channel operations.
- A thorough evaluation of the technical viability of a Hood diversion facility. *2007*
- Satisfactory resolution of the fisheries concerns about a diversion. *even DCC*



Hood diversion contingent on three assessments (con't)

- These evaluations will start immediately and will be completed within three years following the CALFEED's programmatic EIS/EIR Record of Decision. If these evaluations demonstrate that a Hood diversion facility is necessary to address drinking water quality concerns and can be constructed without adversely affecting fish populations, design will commence and a project specific EIS/EIR will be prepared. The facility will be constructed as soon as the environmental documentation and permitting are completed.



Three Assessments

e124
e131

-
- 1 This fall's DCC operations (IEP work team)
 - 2 Long-term DCC operations
 - 3 Hood diversion facility and joint operation with the DCC

Integrally



IEP work team

- **Hydrodynamics and Water Quality**
- 1. What schedule of operations of the DCC would provide the greatest amount of water quality protection for varying levels of gate closure?
- 2. How do changes in gate operations at the DCC affect flows through Georgiana and (perhaps) Threemile Slough?
- 3. How do different Sacramento and San Joaquin river flows affect the conclusions?
- 4. How do export operations affect the conclusions?
- 5. Are field studies necessary to confirm model results?



IEP work team

Biology

- 1. What schedule of operations of the DCC in the fall would provide the greatest amount of protection to outmigrating salmon for varying levels of gate closure?
- 2. How do changes in exposure at the DCC affect exposure at Geogiana and Threemile sloughs?
- 3. What conclusions can the available data from Chuck Hanson, FWS and DFG support about the sensitivity of outmigrating salmon to different DCC operations?
- 4. What field studies should be performed to reduce critical uncertainties?
- 5. What schedule of operations of the DCC in May and June would provide the greatest amount of protection to recently spawned striped bass?

DCCHM team

- Develop a work plan for the assessment of DCC operations and a diversion at Hood.
- First meeting meeting Wednesday April ¹²~~13~~th
- Work plan presentation to Federal-State Management Group April ²⁵~~26~~th

Mac - re. r DCC / c
a r channel to be opened
longer.



DCCHM team Members

Draft Workplan

- Jim White - DFG
- Mike Fris - USFWS
- Dan Odenweller - DFG
- Bruce Herbold - EPA
- Victor Pacheco - DWR
- Paul Fujitani - USBR
- Rick Sitts - MWD
- Ron Ott, Pete Chadwick - CALFED

*Harry - Rick ^{Altman} Altman's name ✓ 6"
for bullets 2 & 3 ?
Harry Stern ✓ 10 22 ✓ 1 1 11*

Eddie Hart

