

**Proposed Fish Facility Technology Development  
Interagency Technical Forum  
Areas of Consensus - April 5, 1999**

As requested by CALFED's Federal-State Small Group, an interagency group comprised of staff from CALFED, NMFS, DFG, DWR, FWS, and Reclamation (see attached attendance list) met April 5, 1999 to discuss new technology requirements for Delta fish facilities. Specifically, the interagency group was requested to develop a consensus recommendation regarding what Reclamation should include in a proposal to CALFED for Ecosystem Restoration funding. Following is a list of those areas and issues for which a consensus has been reached:

- ◆ Develop a proposal for the evaluation of a new test facility of up to 500 cfs to be located at the Tracy Fish Facilities. This will be a "technology development" facility that is designed and tested for developing "generic" information for solving fish screening/handling/and transportation problems in the Delta (both South and North) while meeting modern fish screening criteria.
- ◆ Elements which challenge making significant improvements to any South Delta fish facility are represented at the Tracy Fish Facility and include the following:
  - Debris Management
  - Tidal Influences
  - Varying and Complex Fish Resource Requirements
  - Predator Management
  - Requirement for Collecting, Holding, and Sorting Fish (operation of bypasses)
  - Fish Release Improvements
- ◆ Proposal will be for feasibility and pre-design activities, engineering design work, design data collection, environmental documentation/permitting activities, and project management, which will advance the project to point of bid solicitation. No construction activities (other that required for laboratory models and facilities) will be covered under this proposal.
- ◆ Proposed work will be coordinated with the already assembled "Tracy Technical Advisory Team" (TTAT). The interagency TTAT will also collectively develop evaluation plans for the test facility, and help to prioritize study elements.
- ◆ Proposal will include a discussion of the technology development capabilities, if any, of a 500 cfs test facility versus a previously identified 2,500 cfs facility.
- ◆ Proposal will recommend that the technology development will be carried out at both the Tracy site, and Reclamation's Denver research flumes. In addition, cooperative research with UC Davis and their labs will be recommended, especially for refined programs for studying criteria with sensitive species such as Delta Smelt

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**Attendees**

Ron Ott (CALFED)  
John Andrew (DWR)  
Stein Buer (CAL FED)  
Ron Brockman (USBR-Sac)  
Steve Hirsch (USBR-Sac)  
George Heise (DFG)  
John Johnson (NMFS)  
Rick Wantuck (NMFS)  
Mike Thalbault (FWS)  
Valerie Curley (USBR-Tracy)

**Conference Call**

Charles Liston (USBR-Denver)  
Rick Christensen (USBR-Denver)  
Perry Johnson (USBR-Denver)  
Bruce Herbold (EPA)  
Michael Jackson (USBR-Fresno)