

DRAFT
Project Management Organization Agreement
For
Tracy Fish Test Facility Project and
Clifton Court Forebay Fish Facility Project
July 28, 1999

Purpose

The purpose of this agreement is to facilitate the expeditious planning, design, construction and evaluation of new fish screens and salvage facilities associated with the Tracy Fish Test Facility Project (TFTFP) and the Clifton Court Forebay Fish Facility Project (CCFFFP) (collectively referred to as "Projects"). The TFTFP will develop best available technology screening and salvage for the intakes of the SWP and CVP export facilities, and apply it to screening and fish salvage for the full diversion capacity of the SWP and CVP. The CCFFFP will consist of fish screens and salvage facilities for the intake using an incremental, modular approach to achieve the goal of screening the full export capacity of the SWP. The agreement provides project descriptions and management structure, including administrative protocols.

Project Descriptions

Tracy Fish Test Facility Project (TFTFP)- The TFTFP will provide timely information on critical issues related to new fish protection facilities at Clifton Court Forebay (CCF), and Tracy. Specifically, the TFTFP will build, operate, and evaluate a best available technology facility that will screen a portion of Tracy flows until such time as a decision is made on screening the full Tracy pumping capacity.

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 while meeting modern fish screening criteria. The technology development will be carried out at both the Tracy site, and Reclamation's research flumes. In addition, cooperative research with UC Davis and their labs will be recommended, especially for refined programs for study criteria with sensitive species such as Delta Smelt.

The new facility will be designed to screen 500 cfs at an approach velocity of 0.2 fps, and will meet all other appropriate fish agency criteria. The facility will be used for fish protection research and will have the structural and operational flexibility to optimize screening operations for multiple species in the challenging south Delta environment. The existing facility will be

improved and remain in place to screen the remainder of the flow, until a final decision is made to screen the remainder of the CVP flow at Tracy and/or CCF.

Evaluations of the facility will be completed in time to allow expanded improvement of Tracy or new fish facilities at CCF by the end of Stage 1¹. Six major issues to be evaluated are:

- Debris Management;
- Predator Management;
- Fish Lift Systems;
- Fish Screening, Collecting, Sorting, and Holding Facilities;
- Fish Trucking and Release Improvements; and
- Compatibility with Existing Fish Collection Facilities.

Clifton Court Forebay Fish Facility Project (CCFFFP)- The intent of the CCFFFP is to use the best available technology developed from the TFFFP to implement an incremental modular approach to achieve the goal of screening the full capacity of the SWP. The first module will consist of 2,500 cfs fish screens and salvage facilities with the capability of adding modules to the full SWP capacity of 10,300 cfs. If the future decision is made for one point of diversion at the CCF site for the SWP and CVP, modules would be added to screen the full combined capacity of the CVP and SWP. The most likely location for the facilities is on Old River on the southeast corner of Byron Tract.

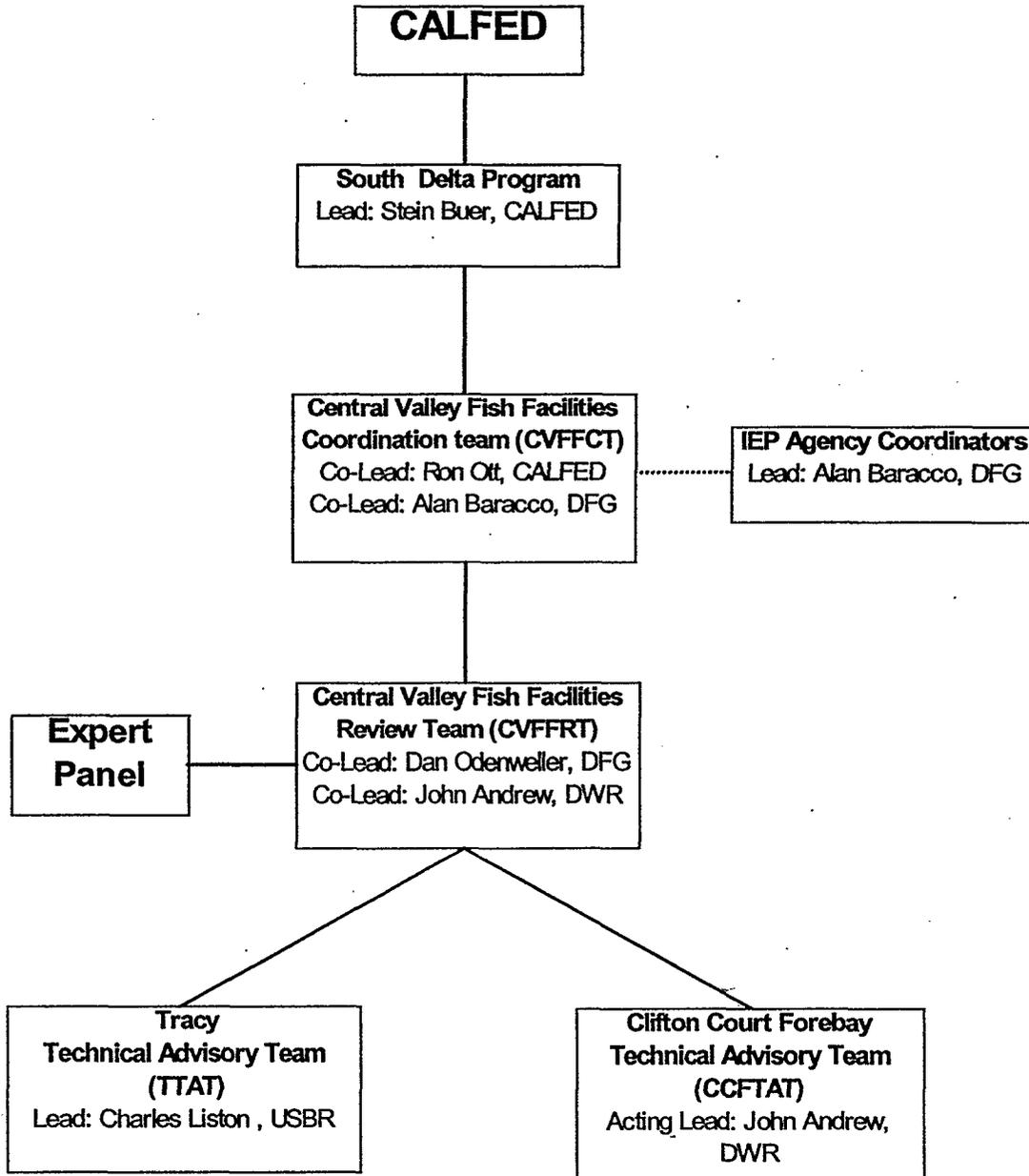
Management Structure and Administrative Protocols

Management of the Projects will rely to the greatest extent feasible on existing teams which have been convened to provide guidance on fish screening and salvage activities. The effort will involve the following groups:

- CALFED;
- Central Valley Fish Facility Coordination Team;
- Central Valley Fish Facility Review Team;
- Technical Advisory Teams for Tracy and Clifton Court Forebay;
- Design Teams for both facilities;
- Expert Review Panel;
- Value Study Team for TFFFP;
- Construction Team for TFFFP; and
- Evaluation and Testing Team.

¹CALFED's Stage 1 of Phase III will occur during the seven years following the federal Record of Decision and State Certification of the Final Programmatic EIS/EIR projected to occur in mid-2000.

Management Organization Flow Diagram-The flow of information and decisions between the involved groups is shown below.



CALFED Bay-Delta Program (CALFED)- CALFED is a cooperative, interagency effort of 15 state and federal agencies with the management or regulatory responsibilities for the Bay-Delta system. The mission of the Program is to develop a long-term comprehensive plan that will restore ecological health and improve water management for beneficial uses of the Bay-Delta system. Accordingly, CALFED has recommended a bundle of actions for the lower San Joaquin River and south Delta region to address long-standing concerns with respect to water quality, fisheries, wildlife habitat and water supply availability. The TFFTP and CCFFFP are critical parts of this bundle. Many agencies and stakeholders will be involved in the formulation of the design concepts of these Projects. As part of this agreement CALFED will provide facilitated coordination and design formulation process with appropriate agency and stakeholder representation, to assure that all concerns are addressed.

CALFED staff will serve on the technical and management teams and will bring issues that cannot be resolved by the CVFFCT, to the CALFED Policy Group for resolution.

Central Valley Fish Facility Coordination Team (CVFFCT) - The CVFFCT is a group under the agency IEP Coordinators. Its mission is, "to facilitate meaningful interagency review and coordination for the Central Valley fish screen and passage initiatives, projects, and research, and to promote awareness and support of such activities by involved stakeholders". The team is normally lead by an IEP representative Alan Baracco, DFG. During special meetings for the TFFTP and CCFFFP a CALFED member Ron Ott will lead the team.

During TFFTP and CCFFFP special meetings, the team needs to be augmented by policy-level staff with major decision making authority from various Federal and State agencies that either cost share or have significant regulatory authority over the Projects. These members are included in the table below. Directly affected stakeholder groups are also represented. Agency heads will appoint substitute members of the CVFFCT if a member cannot serve.

The CVFFCT will call special meetings for TFFTP and CCFFFP at least twice a year or more frequently at milestones, as necessary. The CVFFCT provides overall management guidance; reviews major findings, conclusions, recommendations, budget and schedule changes, and progress; and makes decisions regarding the projects through reaching mutual agreement on the proposals brought to it by the Project Coordinators and the CVFFRT. Policy issues unable to be resolved by consensus of the group may be referred to CALFED for resolution. CVFFCT decisions will be reported to other parties through periodic status reports.

Central Valley Fish Facility Coordination Team (TFFTP and CCFFFP meetings)

| <u>Agency</u> | <u>Agency Representative</u> |
|-----------------------------|------------------------------|
| CALFED | Ron Ott, Co-Lead |
| Department of Fish and Game | Alan Baracco, Co-Lead |

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|-----------------------------------|-----------------|
| US Bureau of Reclamation | Ron Brockman |
| Department of Water Resources | Randy Brown |
| US Fish and Wildlife Service | Mike Thabault |
| National Marine Fisheries Service | Gary Stern |
| CVPWUA | Serge Birk |
| MWD | Jim Buell |
| NRCS | Marianne Hallet |

Central Valley Fish Facilities Review Team(CVFFRT) - The CVFFRT is a group under IEP of technical experts that is available to agency management to review and provide information and recommendations on fish protection facilities. They also provide a vehicle for communication and inter- and intra-agency coordination on fish screening projects.

The CVFFRT provides technical recommendations to the CVFFCT regarding the projects through reaching mutual agreement on the proposals brought to it by the Project Coordinators, the Technical Advisory Teams and/or other teams assembled for the Projects.

Central Valley Fish Facilities Review Team

| <u>Agency</u> | <u>Agency Representative</u> |
|-----------------------------------|--------------------------------|
| Department of Fish and Game | Dan Odenweller George Heise |
| Department of Water Resources | John Andrew Steve Ford |
| US Bureau of Reclamation | Charles Liston Bill O'Leary |
| US Fish and Wildlife Service | Ron Bachman |
| National Marine Fisheries Service | Rick Wantuck |
| CVPWUA | Serge Birk |
| MWD | Jim Buell |
| NRCS | Marianne Hallet |
| CALFED | Ron Ott |

Technical Advisory Teams (TATs) - The TATs consist of technical biological and engineering experts from the agencies participating on the CVFFCT as technical representatives from

involved stakeholder groups, such as the San Luis Delta Mendota Water Authority. The TATs will meet at least monthly, or more frequently if required to meet project milestones. Project Technical Managers for each facility will chair and provide the overall leadership for the TATs. The TATs will provide detailed expert information, consultation, review and guidance to the design and construction team members. They also provides options and recommendations to the Project Coordinators and the CVFFRT regarding overall management of the Projects. Any member of the teams listed in this agreement may attend TAT meetings.

Tracy Technical Advisory Team (TTAT)-

The specific objectives of the TTAT are to:

- Provide technical expertise and assistance in completing conceptual designs and overall development of the TFFTP, for transfer to the final engineering design;
- Provide reviews and technical input throughout the final design process;
- Serve as consultants to the Construction Engineer and his staff in the TFFTP Construction process;
- Develop a report on research and monitoring plans and study designs for TFFTP; and
- Participate and provide technical review throughout all TFFTP research and monitoring activities.

At least one week prior to each meeting, members of TTAT will receive the agenda and information to be reviewed and discussed at the meeting, including meeting notes documenting issues and decisions made at the prior, meeting. A facilitator will: 1) ensure that TTAT focuses on the agenda; 2) ensure that each agencies concerns are being addressed; and 3) assist in consensus building. Issues identified that cannot be resolved by the TTAT will be summarized, including describing the range of positions and alternative solutions, and presented to CVFFCT.

Tracy Technical Advisory Team

Agency

Agency Representative(s)

US Bureau of Reclamation

Charles Liston (Chairman)
Herb Ng (Tracy Office)
Rick Christensen(Regional Office)
Lauren Carly (Construction Office)

Department of Water Resources

John Andrew
Randy Beckwith

Department of Fish and Game

George Heise
Dan Odenweller

US Fish and Wildlife Service

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National Marine Fisheries Service

John Johnson
Rick Wantuck

SLDMWA

David Langlois
Bob Martin

CALFED

Ron Ott

Technical Advisory Specialists to
All Team Members

Art Glickman
Mike Lee
Brent Mefford
Rich Raines
David Robinson

Clifton Court Forebay Technical Advisory Team (CCFTAT)-

The specific objectives of the CCFTAT are to:

- Provide technical expertise and assistance in completing conceptual designs and overall development of the CCFFFP, for transfer to the final engineering design;
- Provide reviews and technical input throughout the final design process; and

Clifton Court Forebay Technical Advisory Team

Agency

Department of Water Resources

Agency Representative(s)

John Andrew, ESO (Acting Chairman)
Jim Spence, OCO
David Duval, DFD

US Bureau of Reclamation

Bill O'Leary (Regional Office)
TBA member from Denver

Department of Fish and Game

George Heise
Dan Odenweller
Salvage Sr. Staff Person TBA

US Fish and Wildlife Service

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|-----------------------------------|----------------|
| National Marine Fisheries Service | Rick Wantuck |
| CALFED | Ron Ott |
| State Water Contractors | Terry Erlewine |

Expert Review Panel -The Expert Review Panel will consist of fish screen experts who are familiar with the challenges of installing a fish screen, holding, and sorting facilities in the Central Valley Delta. The Panel will review and provide comments on specific design materials and other documents prepared during the course of the Project. In addition, certain design concepts or new technology being considered for the Project can be provided to the Panel. Reviews or work products desired of the Panel will be requested by the Project Coordinators and or Chairman of the Technical Advisory Teams. Tentative Panel members could include:

Expert Review Panel

| <u>Representative</u> | <u>Agency or Firm</u> |
|------------------------------|------------------------------|
| Dennis Dorratcague | Montgomery-Watson |
| Chuck Hanson | Hanson Environmental |
| Ken Bates | Consultant |
| Ned Taft | Alden Labs |
| Darryl Hayes | DWR |
| Perry Johnson | Consultant |
| Joe Cech | UC Davis |
| Lev Kavvas | UC Davis |

Design Teams - The principal responsibility of the Design Teams is to design the project and produce construction contract plans and specifications. The Design Teams will also provide for design consultation during construction. Design team leaders provide overall leadership for the teams and primary interface with the Project Managers, the Technical Advisory Teams and the Construction Teams. The Design Team Leaders will provide for the day-to-day management of the design efforts.

TFTFP Value Study Team - Per Reclamation policies, Value Engineering Studies (VES) are required for any construction project valued at over \$500,000. The VES performed by a Value Study Team (VST) is a multi-disciplinary team assembled to assure that the goals of the project can be satisfied at the most economical cost. Reclamation will lead the VST, however other agencies have been requested to participate. Typical VES are completed within one week or less. Recommendations will be forwarded to the design team and TTAT for consideration.

TFTFP Construction Team - Reclamation's Construction Engineer will start assembling the Construction Team at the beginning of final design so that key members will be involved in review of the plans and specs and the procurement process. Reclamation's Construction Engineer will lead the team. Additional team members will be added as appropriate as the project moves towards a contract award. The team will consist of the standard Reclamation construction staff, including a resident engineer, office engineer, inspectors, a contract administrator, quality assurance lab and survey personnel and an administrative contracting officer.

Evaluation and Testing Team - The Evaluation and Testing Teams for each facility are responsible for testing and evaluating all aspects relative to the engineering and biological performance of the new facilities. The teams will be led by Reclamation and DWR in accordance with recommendations from the Technical Advisory Teams for the projects and reports prepared with the assistance of the Technical Advisory Teams concerning the research activities and monitoring needed for the TFTFP and the monitoring for the CCFFFP.

The undersigned is committed to support the management organization for the Projects as described above.

CALFED

Director

US Bureau of Reclamation

Acting Regional Director

US Fish and Wildlife Service

Regional Director

National Marine Fisheries Service

Director

California Department of Fish and Game

Director

California Department of Water Resources

Director