

Program Assessment and Work plan

Program Element: Conveyance

Date: 12/15/02

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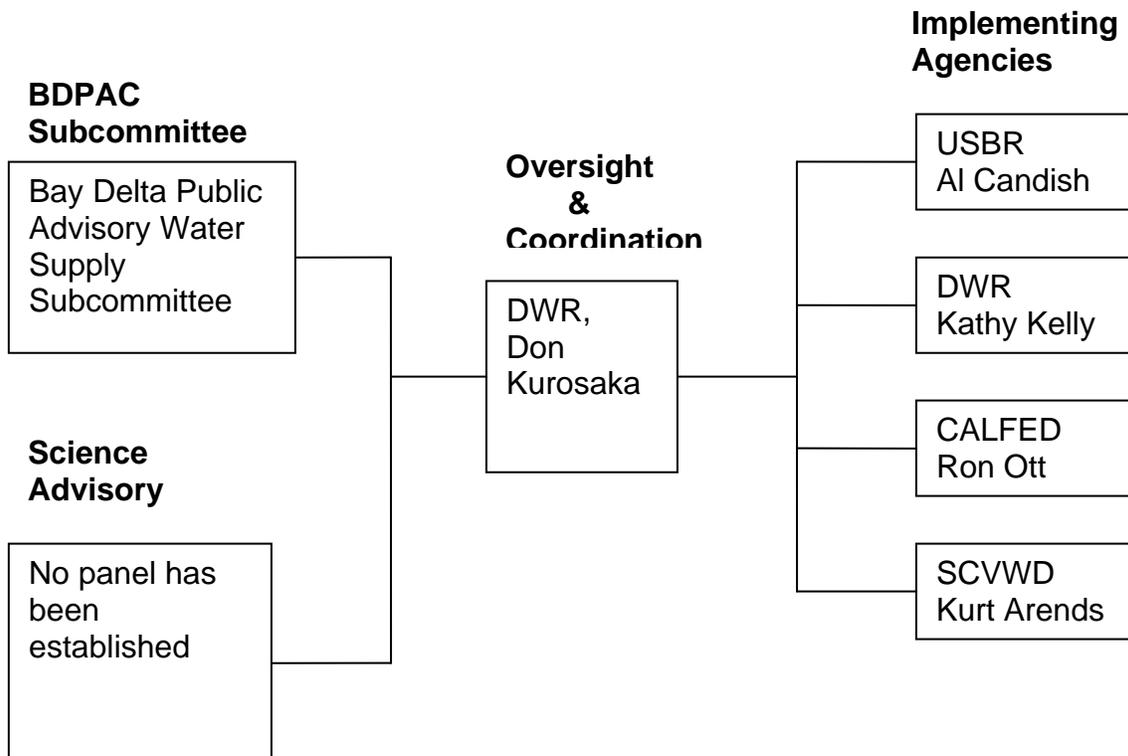
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Organizational Chart for the Conveyance Program – Please see Figure 1 below.

Figure 1: Conveyance Program Organizational Chart



Conveyance Overview

The CALFED goal for the Delta Conveyance Program Element is to identify and implement conveyance modifications that will:

- Improve water supply reliability for in-Delta and export users.
- Support continuous improvement for drinking water quality
- Complement ecosystem restoration.

The Conveyance Program Element involves specific actions being taken to meet these goals. These actions are divided into four distinct areas 1) South Delta, 2) North Delta, 3) Central Valley Project and State Water Project Intertie Actions and 4) Other actions. A brief description of these actions is provided in the following:

South Delta Actions. In the South Delta, the Conveyance Program Element will improve SWP and CVP exports, Delta ecosystem, and local in-Delta agricultural water needs. These improvements will be pursued through the following five actions:

- Increase SWP pumping from the current limit to 8500 cfs from March 15 to December 15, and modify existing pumping criteria from December 15 to March 15, to allow greater use of SWP export capacity (task 1).
- Increase SWP pumping to the maximum capability of 10,300 cfs (task 2).
- Increase fish protection by improving fish screening at CVP and SWP export facilities (task 3).
- Design and construct floodway improvements on the lower San Joaquin River to provide conveyance, flood control and ecosystem benefits (task 4).
- Reduce agricultural drainage from Veale and Byron Tracts in the Delta (task 5).

Increasing State Water Project pumping (to 8500 cfs and 10,300 cfs) and installing permanent, operable barriers in the south Delta will improve water supply reliability for the SWP, CVP and local agricultural diversions in the Delta, and allow SWP facilities to convey larger amounts of water during periods of high quality water in the Delta for urban use. It will also increase opportunities to convey water for the Environmental Water Account and water transfers, and provide greater capability for SWP facilities to assist the Central Valley Project in meeting the needs of CVP water users and wildlife refuges. The 8500 cfs pumping operation will ensure water of adequate quantity and quality to south Delta agricultural diverters through continued annual installation of temporary barriers until permanent barriers are installed as well as project specific actions to protect agricultural diversions and navigation in the south Delta. The 10,300 cfs pumping operation will allow SWP export facilities to pump at full capacity more regularly and will increase the protection of Delta fish through the construction of improved fish screens and salvaging facilities at Clifton Court

Forebay. In an effort to implement the best technology for these new facilities, a Tracy Fish Test Facility will be constructed at the CVP's existing export facility to evaluate new fish screening, handling, holding and transfer designs on a large scale operation.

On the lower San Joaquin River, the Conveyance Program Element will implement improvements which will increase the integrity of the levees, water quality and ecosystem in the south Delta. These improvements are needed to establish an improved flood corridor in advance of local urbanization and will be compatible with the recommendations of the Sacramento and San Joaquin River Basins Comprehensive Study.

Actions will also be implemented to reduce agricultural drainage in the south Delta, thus minimizing elevated levels of salinity and other constituents of concern in exported drinking water. The primary areas of study are the Veale and Byron tracts, because the drainage from these areas significantly affects the quality of the water in the south Delta. These actions will be implemented prior to the construction of permanent operable barriers and increased SWP pumping.

North Delta Actions. In the North Delta, the Conveyance Program Element will improve flood protection and conveyance facilities, water quality, Delta fisheries, and avoid water supply disruptions. These improvements will subsequently result in increasing the water supply reliability for the SWP and CVP, and enhancing the Delta ecosystem. These improvements will be pursued through the following three actions:

- Evaluate and implement improved operational procedures for the Delta Cross Channel to address fishery and water quality concerns (task 6).
- Simultaneously evaluate a screened through-Delta facility on the Sacramento River of up to 4000 cfs (task 7).
- Design and construct floodway improvements in the North Delta to provide conveyance, flood control, and ecosystem benefits (task 8).

If upon completing the evaluation of the through-Delta facility and meeting fish protection conditions, it is determined that a through-Delta facility is necessary, funding and authority to construct the project will be sought.

SWP/CVP Intertie Actions. The Conveyance Program Element will also pursue a number of interties and bypasses between the SWP and CVP facilities at or near Tracy. These new interconnections would allow these two projects to take advantage of fluctuations in Delta water quality and fish densities at the two project intakes, delivering higher quality water to either project or avoiding fish take.

Other Actions. The Conveyance Program Element consists of five complementary actions which were not analyzed in the final Programmatic EIS/EIR. These actions are as follows:

- Install and operate temporary barriers in the South Delta until fully operable barriers are constructed. This action increases water levels and improves water circulation for agricultural irrigators in the area to ensure they have an adequate water supply and will be implemented annually until permanent barriers are installed (task 11).
- Take actions to protect navigation and protect local diverters in the South Delta who are not adequately protected by temporary barriers. These actions may include the installation and operation of portable pumps, limited project-specific dredging of existing intakes, and/or project-specific modification to existing diversion structures including the conversion of siphons to pumps (task 11).
- Evaluate a bypass to the San Felipe Unit at the San Luis Reservoir. This action involves evaluating alternatives which will avoid water quality problems for the Santa Clara Valley Water District associated with the “low point” water levels in the San Luis Reservoir. Implementation of a solution could increase the effective storage capacity of the San Luis Reservoir (task 12).
- Facilitate water quality exchanges and similar programs to make high quality Sierra Nevada water in the eastern San Joaquin Valley available to urban Southern California interests. This action is intended to improve water quality for urban use (DWQ task).
- Implementation of a Sacramento and San Joaquin Comprehensive Study. This action will improve the flood control efforts from the Sacramento and San Joaquin Rivers out to the San Francisco Bay (ERP task).

Section I. Year 2 Program Assessment

A. Accomplishments to Date/ Status of ROD Commitments

South Delta

1. 8500 cfs – Permanent Operable Barriers –

- Completed draft 404(b)(1) Analysis and circulated for agency review.
- Approval of contract with Jones and Stokes for assistance in completing EIR/S.
- Redefined scope of project/actions.
- Initiated 8500 cfs Agency/Stakeholder forum to define operational rules for 8500 cfs.
- Developed proposed methodology for modeling barrier operations.
- Completed field surveys of South Delta diversion elevations.

2. **Clifton Court Fish Screens/10,300 cfs** – As a result of CALFED Management’s reanalysis of the schedules for the proposed Tracy Fish Test Facility and the proposed Clifton Court Forebay Fish Facility, the Clifton Court Forebay Fish Facility has been postponed. However, the following tasks were completed:
 - Preliminary geologic report of the project site.
 - Preliminary cost estimates of a gravity and pump-lift fish intake and facility.

3. **Tracy Fish Test Facility** –
 - Awarded contract for preparation of public involvement materials and work for TFTF.
 - Purchased property (approx. 30 acres) for contractor to store trailers and equipment (closing date 8/20/02).
 - Awarded contract to improve Herdlyn and Lindeman road intersections with Byron Highway for contractor access.
 - Awarded contract to relocate gas, telephone, and powerlines.

4. **Lower San Joaquin Flood Improvements** –
 - Actively coordinated with U.S. Army Corps of Engineers and Comprehensive Study team.
 - Evaluated opportunities for conceptual flood improvements as identified in internal draft Comprehensive Study Lower San Joaquin River Assessment Information Report (October 2001).
 - Pursued alternative sources of funding for potential concept-projects along the lower San Joaquin River, including Proposition 13 Flood Corridor Protection Program grant program.

5. **Veale/Byron Tract Drainage Reduction** –
 - Negotiated agreement with Contra Costa Water District (CCWD) and authorized CCWD as the Contractor to initiate the project feasibility studies.
 - CCWD completed first phase of competitive bid selection of qualified subcontractors and initiated planning, identification, and quantification of sources of drainage degradation.

North Delta

6. **Delta Cross Channel Re-operation** – The CALFED DCC Project Work Team conducted a second year of studies and experiments to provide a solid basis for future operations of the DCC. Studies were funded by CALFED Agency appropriations with project team oversight and coordination. Intensive hydrodynamic and water quality monitoring of DCC tidal operations and juvenile/adult fish tracking studies were conducted in Fall 2001. In Spring

2002, public workshops were held where preliminary results of the studies were presented.

7. Through-Delta Facility – Planning

The CALFED North Delta Fish Facilities Technical Team developed screening concepts for the Sacramento River 4,000 cfs intake and facility concepts for the TDF discharge into the Mokelumne River. Model runs were made to analyze the possible benefits of a joint DCC and TDF operation. Three research proposals were initiated to address the question of whether adult fish species entering a TDF can be safely lifted back into the Sacramento River system. The proposals were funded through Proposition 13 allocations.

8. North Delta Flood Improvements –

- Awarded consultant contract for preparation of EIR/EIS; Drafted Chapter 1 of EIR/EIS including Purpose and Need Statement
- Constructed a regional hydraulic model with other area project proponents to be used for alternatives analysis and set up a peer review process for model
- Initiated development of technical alternatives for flood control
- Engaged North Delta Agency Team to review project permitting requirements, develop Action-Specific Implementation Plan (ASIP), and advise preparation of EIR/EIS.

CVP/SWP Interties

9. CVP/SWP Aqueduct Intertie –

- Value Planning Study analyzing various alternative methods for implementing intertie initiated in March 2002 and completed in September 2002.
- Began preparation of project timeline identifying milestones for environmental documentation, design, procurement and construction.

10. Clifton Court Forebay/Tracy P.P. Intertie – No activity in Year 2.

Other Actions

11. Interim South Delta Actions –

- Installed and operated temporary barriers in south Delta in 2001 and 2002
- Installed three portable pumps in 2002 on Union Island to mitigate effects of barriers

- Submitted application to Corps of Engineers to conduct limited dredging and extend agricultural diversions as necessary in south Delta
- Signed agreements with landowner on Coney Island to replace siphon with a pump and modify on-island distribution system.

12. San Luis Bypass (now called San Luis Reservoir Low Point Improvement Project (LPIP) – Planning –

- DWR funded Santa Clara Valley Water District (SCVWD) to conduct the Low Point Improvement Study through Proposition 13 funds.* (October 2000 was ROD schedule)
- SCVWD developed a project scope
- SCVWD prepared a draft project work plan
- SCVWD developed a list of conceptual alternatives
- Reclamation issued an NOI for the study in July 2002.
- SCVWD issued an NOP for the study in August 2002.
- Reclamation contracted with SCVWD to conduct an appraisal level operational study of ways to reoperate Anderson Reservoir in response to the low point problem.
- Public scoping meetings were conducted in August 2002.
- A Regulatory Compliance Work Group and a Stakeholder Committee have been formed to assist in project planning.

13. Design and Construction –

- Not applicable for Year 2.

14. Oversight, Coordination, and Science –

B. Program delays

South Delta

- 1. 8500 cfs/Permanent Operable Barriers** – Implementation of this project has been delayed beyond the dates called for in the ROD. The ROD specifies that the environmental documentation be completed by the end of 2002 * and permits would be secured to increase SWP pumping to 8500 cfs by mid 2003*. Because of delays in defining operational rules for 8500 cfs and for barrier operation, and decreases in available DWR staffing due to budget cuts and the Statewide hiring freeze, it is now expected that the environmental documentation will be completed in March 2004 and permits to increase SWP pumping to 8500 cfs will be secured by April 2004. Assuming permanent, operable barriers will be components of the approved alternative, installation of the barriers will begin one year later than specified in the ROD.

2. **Clifton Court fish screens/10,300 cfs** – As a result of decisions made regarding the reanalysis of schedules for TFTF and Clifton Court Forebay, the ROD dates will not be met. ROD milestones are expected to slip by over two years.
3. **Tracy Fish Test Facility** – Partial funding will allow for initial development but the lack of full funding will delay final design/implementation.
4. **Lower San Joaquin Flood Improvements** – Initiation of specific flood improvement environmental studies has been delayed due to delayed publication of Comprehensive Study report and revised study report content. The draft Comprehensive Study report was not released for public review until July 2002 and is programmatic without specific improvement recommendations. The study identifies the need for regional projects, including Lower San Joaquin River Regional Project, which will require further development/evaluation before recommendations can be specified.
5. **Veale/Byron Tract Drainage Reduction** – None

North Delta

6. **Delta Cross Channel Re-operation** – Fall 2001 studies completed on schedule. Only delays associated with finalization of contracts to reimburse participants for expenses incurred during studies.
7. **Through-Delta Facility – Planning** – Approval of contracts for equipment and expertise to perform hydrodynamic and biological investigations associated with the three research proposals has been delayed. The delay could set the timeframe for completing the proposals back by about one year.
8. **North Delta Flood Improvements – North Delta-Regional Flood Cntrl/Eco Restoration** – Initial award of Reclamation contract delayed start of EIR/EIS preparation. Additional delays caused by difficulty in securing a Federal Lead Agency for the effort. Aggressive efforts are being made to recover time in the schedule, but the current schedule shows a delay in completion of environmental documents*.

CVP/SWP Interties

9. **CVP/SWP Aqueduct Intertie** – Project is currently on schedule with ROD commitments. However, meeting ROD timelines is contingent on securing adequate funding for Years 3 and 4.

10. **Clifton Court Forebay/Tracy P.P. Intertie** – No delays.

Other Actions

11. **Interim South Delta Actions** – There are no specific ROD dates associated with this program. The program is ongoing, and all work associated with it is being completed on schedule and in a timely manner.

12. **San Luis Reservoir LPIP – Planning** – The completion of the environmental review and documentation and preliminary design for the project by the end of 2003* is delayed for several reasons. The completion of the letter of agreement for the project, subsequent funding, and administration of contracts took more time than expected. Additionally, work tasks on the study are taking longer than expected. The draft Feasibility Report and draft EIR/EIS are expected to be released by the end of 2003.

13. **Design and Construction** – Not scheduled yet.

14. **Oversight, Coordination, and Science** –

Section II. Year 3 Work Plan

Figure 2. Conveyance Program Element Actions/Tasks and Lead Agencies

<u>Action/Task</u>	CALFED	DWR	USBR
8500 cfs - Permanent Barriers		✓	
10,300 cfs - Clifton Court Forebay Intake and Fish Facility		✓	
Tracy Fish Test Facility			✓
Lower San Joaquin		✓	
Veale/Byron Drainage Reduction		✓	
Delta Cross Channel Reoperation	✓		
Through-Delta Facility	✓		
North Delta Flood Improvements		✓	
CVP Interties			✓
CVP/SWP Aqueduct Intertie			
Clifton Court Forebay/Tracy PP Intertie		✓	
Interim South Delta Actions		✓	
San Luis Reservoir Low Point Improvement Project¹		✓	
Oversight and Coordination	✓	✓	

Note: The table above is based on responsibilities under the current governance structure. The new governance structure under the Bay Delta Authority is primarily effective in Year 4.

A. Year 3 Tasks and Schedule

South Delta

1. 8500 cfs/Permanent Operable Barriers –

- Conduct Public Scoping, October 2002
- Complete administrative Draft EIR/EIS, May 2003
- Finalize Action-Specific Implementation Plan for project and Initiate ESA Consultation, July 2003
- Release Draft EIR/S, August 2003
- Determine State/federal/local cost share

Lead Agency: DWR and Reclamation. Contact: Paul Marshall (916) 653-2118

2. Clifton Court fish screens/10,300 cfs – Tasks expected for completion in Year 3 are:

- Complete Liquefaction Report at project site
- Complete Operations Plan for facility
- Complete design criteria for prototype facility

Lead Agency: DWR. Contact: Don Kurosaka (916) 653-6636

3. Tracy Fish Test Facility – Start initial contracts for site work including utility relocation, infrastructure phase 1 buildings and land acquisition. Continue research activities related to Tracy Fish Test Facility. Develop testing research program for TTF. Finalize design of facility.

Lead Agency: Reclamation. Contact: Ron Silva (209) 836-6252

4. Lower San Joaquin Flood Improvements –

- Assist RD 2107 in obtaining funding via a grant under the Flood Corridor Protection Program (Prop 13). If funding is obtained, begin preparation of EIR/S in June 2003.
- Review response to comments on draft Comprehensive Study report (October 2002)
- Assist/coordinate potential Concept Project(s) with USACE (November-December 2002)
- Evaluate/develop potential Concept Projects sponsorship/ Section 905(a) analysis with USACE (January-March 2003)
- Prepare draft Concept Project white paper (March 2003)
- If the Concept Project is accepted and agreement is reached on funding, prepare draft work plan and project management plan (April-June 2003)

Lead Agency: DWR. Contact: Bob Pedlar (916) 653-5085

5. Veale/Byron Tract Drainage Reduction –

Old River (Byron Tract)

- Identify and Quantify Sources of Water Quality Degradation (In-progress through June 2003)
- Identify Alternatives for Water Quality Improvements and Quantify Their Effectiveness (January – June 2003)

Rock Slough (Veale Tract)

- Identify and Quantify Sources of Water Quality Degradation (In-progress through June 2003)
- Identify and Quantify Sources of Water Quality Degradation

- (In-progress through June 2003)
- Identify Alternatives for Water Quality Improvements (September 2000 – June 2003)
- Prepare Environmental Documentation (Begin May 2003)
- Public Involvement Program (Begin September 2002)

Lead Agency: DWR. Contact: Bob Pedlar (916) 653-5085

North Delta

6. Delta Cross Channel Re-operation –

- Analyze data and solicit Science Panel input on direction of studies in 2003.
- Effects of DCC re-operation on hydrodynamics, water quality, juvenile releases in the Mokelumne River and striped bass and sturgeon will be conducted in Fall 2002 and Spring 2003.
- Anticipated contracts for Year 3 total about \$1.2 million.

Lead Agency: CALFED. Contact: Ron Ott (916) 651-7083

7. Through-Delta Facility – Planning –

- Continue refinement of TDF concepts
- DFG to begin study on collection, handling, release and transport
- Anticipated contracts for Year 3 total about \$5.4 million.

Lead Agency: CALFED. Contact: Ron Ott (916) 651-7083

8. North Delta Flood Improvements – North Delta-Regional Flood Control/Eco Restoration –

- Continue preparation of EIR/EIS for North Delta
- Conduct public scoping meetings
- Conduct hydraulic modeling peer review
- ROD implementation commitment of completion of environmental studies by spring 2003 will not be met due to delays; however, ultimate ROD target of mid-2005 to seek funding and authority to begin construction is still possible

Lead Agency: DWR. Contact: Curt Schmutte (916) 651-7016

CVP/SWP Interties

9. CVP/SWP Aqueduct Intertie –

- Initiate and complete Environmental Assessment/Initial Study. Based on results, FONSI/Negative Declaration or EIR/S will be prepared. CALSIM2 and Delta modeling will be conducted to support the studies.
- Initiate and complete preliminary design.

Lead Agency: USBR. Contact: Dan Meier (916) 978-5086

10. Clifton Court Forebay/Tracy P.P. Intertie – No work planned for Year 3.

Other Actions

11. Interim South Delta Actions –

- Program activities are ongoing

Lead Agency: DWR. Contact: Paul Marshall (916) 653-2118

**12. San Luis Reservoir LPIP –
Planning –**

- Complete operational study (2/03)
- Complete Alternatives Screening Report (2/03)

13. Design and Construction – No activities planned.

Lead Agency: USBR. Contact: Patricia Roberson (916) 978-5074
Lead Agency: DWR

14. Oversight, Coordination, and Science –

For Science activities, please see Section G.

Lead Agency: CALFED & DWR. Contact: Don Kurosaka (916) 653-6636

B. Category A and B Programs/Funds

South Delta

- 1. 8500 cfs/Permanent Operable Barriers – Category A / SWP Funds;
Proposition 13; General Fund**
- 2. Clifton Court fish screens/10,300 cfs – Category A / SWP Funds;
Proposition 13; General Fund**

3. **Tracy Fish Test Facility** – Category A / Federal fund source: CVPIA (RF) and W&RR. State fund source: Proposition 13; General Fund
4. **Lower San Joaquin Flood Improvements** – Category A / General Fund
5. **Veale/Byron Tract Drainage Reduction** – Category A / Proposition 13; SWP Funds; General Fund

North Delta

6. **Delta Cross Channel Re-operation** – Category A / Proposition 13; General Fund
7. **Through Delta Facility - Planning** – Category A / Proposition 13; SWP Funds; General Fund
8. **North Delta Flood Improvements** – Category A / General Fund, Proposition 13

CVP/SWP Interties

9. **CVP/SWP Aqueduct Intertie** – Category A / SWP Funds; General Fund
10. **Clifton Court Forebay/Tracy P.P. Intertie** – Category A / Fund source not yet identified.

Other Actions

11. **Interim South Delta Actions** – Category A / SWP funds; General Fund
12. **San Luis Reservoir LPIP Planning** – Category A/ Proposition 13; General Fund
13. **Design and Construction** – Category A/ Funds source not yet identified
14. **Oversight, Coordination, and Science** – Category A/ Proposition 13; General Fund; SWP Funds; Proposition 50

C ROD Implementation Commitments

All of the actions being undertaken in the Conveyance Program Element which are discussed in this workplan are either contained in the Preferred Program Alternative and/or are actions being funded to meet CALFED purposes. The

implementing agencies for these actions will take the necessary steps to comply with the Record of Decision implementation commitments and principles.

During the planning and implementation, each action under the Conveyance Program Element will consider and incorporate to the extent necessary the following major ROD commitments and/or principles into the process:

- Local involvement and support
- Public Involvement
- Stakeholder Consultation
- CALFED Agency Coordination
- Environmental Justice - The Environmental Justice Workplan prepared by the EJ BDPAC Subcommittee has been reviewed. Those activities that can be performed in Year 3 based on available staff and funding are described in Attachment 3 on page 33.
- Tribal Consultation
- Land Acquisition
- Tiering from the Programmatic EIS/EIR
- Mitigation measures and monitoring
- Agreements, understandings and determinations adopted by CALFED
- Permit Clearinghouse MOU
- Adaptive Management/Science
- Beneficiaries Pay

During Year 3, the following will occur under the Conveyance Program Element towards meeting the ROD commitments and/or principles:

South Delta

1. **8500 cfs/Permanent Operable Barriers** – Local public coordination will occur through regular meetings, public scoping meetings and public hearings (once Draft EIR/EIS is available to the public). Stakeholder consultation will be achieved through the 8500 Stakeholder Group. CALFED agency coordination will be achieved through South Delta Improvements Team meetings.
2. **Clifton Court fish screens/10,300 cfs** – CALFED agency representatives will meet on a monthly basis to coordinate project activities and discuss fish facility issues.
3. **Tracy Fish Test Facility** – Plans presently include Public, Stakeholder and Agency Coordination, Land Acquisition, Environmental Documentation and Science.
4. **Lower San Joaquin Flood Improvements** – Planning and implementation will occur as described above.

Veale/Byron Tract Drainage Reduction – Planning and implementation will occur as described above.

North Delta

6. **Delta Cross Channel Re-operation** – CALFED agency representatives will meet and coordinate activities on a monthly basis. Annual public workshop will be held to present information collected to date.
7. **Through-Delta Facility – Planning** – CALFED Agency representatives will meet and coordinate activities on a monthly basis. Annual public workshop will be held to present information collected to date.
8. **North Delta Flood Improvements** – Planning and implementation will occur as described above.

CVP/SWP Interties

9. **CVP/SWP Aqueduct Intertie** – Planning and implementation will occur as described above.
10. **Clifton Court Forebay/Tracy P.P. Intertie** – None

Other Actions

11. **Interim South Delta Actions** – Temporary Barriers - Agency, stakeholder and local communication will occur through weekly reports on barrier status and operation provided by e-mail to reflector list. On the agricultural diversions and modifications, planning and implementation will occur closely with local beneficiaries to perform work, update CALFED agencies on status through WOMT and Management briefings.
12. **San Luis Reservoir LPIP** –
Planning – Local Leadership - SCVWD is the day-to-day project manager for the San Luis Low Point Improvement studies.
Coordination and Stakeholder involvement - work products are extensively coordinated with CALFED Agencies, the public and established stakeholder groups.
13. **Design and Construction** – Not applicable.
14. **Oversight, Coordination, and Science** –

D. Management Group

South Delta

1. **8500 cfs/Permanent Operable Barriers** – Administrative draft EIR/S will be presented to CALFED Management and a review and comment period will be provided before the draft is released to the public. (May 2003)
2. **Clifton Court fish screens/10,300 cfs** – None planned.
3. **Tracy Fish Test Facility** – The TFTF is being designed by USBR with the oversight and assistance of a multi-agency coalition of fish facility experts pursuant to the Project Management and Organization Agreement signed by involved regulatory and water interests. Pursuant to that agreement, program elements will be submitted to the CALFED Management Group for review and recommended approval as determined appropriate by the Interagency Ecological Program Fish Facilities Coordination Team.
4. **Lower San Joaquin Flood Improvements** – The following documents are anticipated to be submitted to the Management Group for information or review/comment:
 - Proposition 13 Flood Corridor Protection Program Grant Project. Receive information copy of project management plan (May 2003)*
Assumes successful grant award.
 - Draft Concept Project white paper (March 2003) – Review/comment
 - Draft work plan and project management plan (June 2003)* -
Review/comment. *Assumes the Concept Project is accepted and agreement is reached on funding.
5. **Veale/Byron Tract Drainage Reduction** – The following documents are anticipated to be submitted to the Management Group for information or review/comment:
 - Alternatives for water quality improvements and quantification of their effectiveness for Old River (Byron Tract) and Rock Slough (Veale Tract). (June 2003)

North Delta

6. **Delta Cross Channel Re-operation** – Project Team will bring summary work plans and proposed budgets to Management after they are reviewed by Science Panel.
7. **Through-Delta Facility – Planning** –
Project Team will bring summary work plans and proposed budgets to Management after they are reviewed by Science Panel.

8. North Delta Flood Improvements –

The following will require Management Group review or approval in the approximate time frames noted:

- Alternatives Descriptions- Nov 2002
- Internal Draft EIR/EIS- Feb 2003

CVP/SWP Interties

9. CVP/SWP Aqueduct Intertie – None proposed for Year 3.

10. Clifton Court Forebay/Tracy P.P. Intertie – None

Other Actions

11. Interim South Delta Actions –

- Program status/actions presented to Management on an as needed basis.
- Summary of site specific improvements for agricultural diversions (June 2003).

**12. San Luis Reservoir LPIP –
Planning –**

- The Operational Appraisal Study and the Alternatives Screening Report will be submitted to the Management Group.

13. **Design and Construction -**

- Not applicable in Year 3.

14. Oversight, Coordination, and Science –

E. Public Participation

South Delta

- 1. 8500 cfs/Permanent Operable Barriers –** Alternatives for use of 8500 cfs will be presented to the BDPAC Water Supply Subcommittee. Local coordination achieved with regular public workshops updating project status. Stakeholder coordination achieved with 8500 Stakeholder Group. Agency coordination achieved with South Delta Improvements Team meetings.
- 2. Clifton Court fish screens/10,300 cfs –** None planned.

3. **Tracy Fish Test Facility** – Several interagency and interdisciplinary teams and groups have been established to review and provide guidance on technical fields and engineering issues, design issues, research issues and provide overall recommendations for the TFTF project. The Tracy Technical Advisory Team has been meeting monthly since November 1998 to provide technical assistance and expertise during concept and design preparation. The Tracy Fish Research Evaluation Document Team is developing the testing and evaluation plan for the TFTF. Other teams and committees as specified in the Agreement have also been established to assist the project. Recently awarded public involvement contract for Tracy Fish Test Facility.
4. **Lower San Joaquin Flood Improvements** – Public involvement would consist of working with local reclamation districts on the proposed projects.
5. **Veale/Byron Tract Drainage Reduction** – Public involvement will begin as early as October 2002, and include several workshops (October 2002 and April 2003) and a small group meeting with affected landowners (March 2003). Documents to submit for review/comment by the Bay Delta Public Advisory Committee and subcommittees include the draft project Information Packet/Fact Sheet (December 2002).

North Delta

6. **Delta Cross Channel Re-operation** – During May-June 2003, Project Team will present results of studies to BDPAC. Two public workshops will be held in Year 3, one to present workplans and one to present study results.
7. **Through-Delta Facility – Planning** – During May-June 2003, Project Team will present results of studies to BDPAC. Two public workshops will be held in Year 3, one to present workplans and one to present study results.
8. **North Delta Flood Improvements** – Stakeholder participation has been achieved through meetings of the North Delta Improvements Group, the North Delta Agency Team, and the Mokelumne-Cosumnes Watershed Alliance. No products are scheduled to be presented to BDPAC.

CVP/SWP Interties

9. **CVP/SWP Aqueduct Intertie** – BDPAC and pertinent subcommittees will be briefed and given the opportunity to review the Environmental Assessment/Initial Study before they are released to the public.
10. **Clifton Court Forebay/Tracy P.P. Intertie** – None

Other Actions

11. **Interim South Delta Actions** – None

12. **San Luis Reservoir LPIP** –

Planning – The Operational Appraisal Study and the Alternatives Screening Report will be submitted to the BDPAC.

In addition, stakeholder and public involvement includes meetings with the following:

- Stakeholder meetings - ongoing throughout the year
- Regulatory compliance workgroup meetings- ongoing throughout the year
- Public workshops on alternative development – December 2002 through February 2003

13. **Design and Construction** – None

14. **Oversight, Coordination, and Science** –

F. Agency Participation

South Delta

1. **8500 cfs – Permanent Operable Barriers** – Meetings of the South Delta Improvements Team are held on an as needed basis.

2. **Clifton Court fish screens/10,300 cfs** – DWR, USBR, USFWS, DFG and NMFS representatives meet every month to coordinate project activities and discuss fish facility issues.

3. **Tracy Fish Test Facility** – Program participants include USBR, USFWS, NMFS, DWR and DFG.

4. **Lower San Joaquin Flood Improvements** – Agency participation will be coordinated through distribution of preliminary and draft documents and notification/attendance at planned meetings and workshops. If the Proposition 13 Grant project is awarded, DWR will provide support to the project sponsor; the Lower San Joaquin River Flood Improvements project will be overseen/administered by the Department of Water Resources Bay-Delta Office (BDO) project manager. The BDO project manager will assist/lead in coordination/ participation in regular reporting, meetings, and document review. The Reclamation Board, DFG, USACE, NMFS, and FWS

will receive information or review/comment copies of work plans, technical and project memorandums, and meeting notifications as applicable.

- 5. Veale/Byron Tract Drainage Reduction** – Agency participation will be coordinated through distribution of preliminary and draft documents and notification/attendance at planned meetings and workshops. At the State level, the project will be overseen/administered by the Department of Water Resources BDO. The BDO project manager will receive monthly progress reports from CCWD and participate in regular reporting, meetings, and document review. Other State agencies, including the Board of Reclamation, the Department of Fish and Game (DFG), will receive information or review/comment copies of work plans, technical and project memorandum, and meeting notification as applicable.

At the Federal level, involved agencies, including the United States Corps of Engineers (USACE), the United States Fish and Wildlife Service (USFWS), and the National Marine Fisheries Service (NMFS), will receive information or review/comment copies of work plans, technical and project memorandum, and meeting notification as applicable.

North Delta

- 6. Delta Cross Channel Re-operation** – DWR, DFG, USBR, EPA, NMFS, USFWS and SLDMWA will participate in project team meetings and developing and conducting the field studies. Project teams meet 1-2 times per month.
- 7. Through Delta Facility – Planning** – DWR, DFG, USBR, EPA, NMFS, USFWS and SLDMWA will participate in project team meetings and developing and conducting the field studies. Project teams meet 1-2 times per month.
- 8. North Delta Flood Improvements** – State and federal agency participation is achieved through meetings of the North Delta Improvements Group, the North Delta Agency Team, and the Mokelumne-Cosumnes Watershed Alliance. The North Delta Improvements Group and North Delta Agency Team meet bi-monthly to monthly as needed and the Mokelumne-Cosumnes Watershed Alliance meets quarterly.

CVP/SWP Interties

- 9. CVP/SWP Aqueduct Intertie** – The Value Study is being prepared with participation of staff from Reclamation, DWR and USFWS. Reclamation and DWR will be the lead agencies for preparation of the Environmental

Assessment/Initial Study. Additional agency participation will be requested as part of the environmental review process.

10. **Clifton Court Forebay/Tracy P.P. Intertie** – Not applicable.

Other Actions

11. **Interim South Delta Actions** – Coordination provided through weekly reports on barrier status and operation. Other coordination provided through meetings on an as needed basis.
12. **San Luis Reservoir LPIP** –
Planning – DWR and USBR managers review the technical work products and attend stakeholder and public involvement meetings as necessary. USBR staff will participate in the alternatives development process and in the Regulatory Compliance Workgroup and in the Stakeholder Committee.
13. **Design and Construction** – Not applicable in Year 3.
14. **Oversight, Coordination, and Science** –

G. Science Review

South Delta

1. **8500 cfs – Permanent Operable Barriers** – Operational plans for south Delta barriers and 8500 cfs (preferred alternatives when chosen) will be submitted to the Science Program for review and comment. Adaptive management of the 8500 cfs export and the permanent barriers will be incorporated into the project. Development of this plan will be done in coordination with the Science Program. This plan may be incorporated into the proposed project or developed when the project is implemented.
2. **Clifton Court fish screens/10,300 cfs** – The IEP workgroup is developing a process for integration of CALFED Science into the project development.
3. **Tracy Fish Test Facility** – The Science Group is participating on two levels; as a member of the Interagency Ecological Program and directly involved in reviewing the Tracy Fish Test Facility research plans.
4. **Lower San Joaquin Flood Improvements** – None proposed for Year 3.

5. **Veale/Byron Tract Drainage Reduction** – Opportunity for CALFED science review will be incorporated into the project work plan through the distribution of technical memorandum and sampling plans. Draft sampling, testing and monitoring plans as well as technical findings memorandum will be submitted to CALFED for review and comment.

North Delta

6. **Delta Cross Channel Re-operation** – CALFED Science Panel will review workplans for Fall and Spring field studies and analysis and recommendations will be incorporated. Project Team will hold a workshop with Science Panel on results on Fall 2001 studies and Fall 2002 and Spring 2003 work plans.
7. **Through-Delta Facility – Planning** – Workplans for passage research will be submitted to Science Panel for review and recommendations will be incorporated. Project Team will hold a workshop with Science Panel on results on Fall 2001 studies and Fall 2002 and Spring 2003 workplans.
8. **North Delta Flood Improvements** – Science review will be incorporated through peer review of key technical issues such as hydraulic modeling. North Delta planning staff will work with CALFED Science program staff to set up peer review processes.

CVP/SWP Interites

9. **CVP/SWP Aqueduct Intertie** – Will request comments from Science Panel during environmental review process. Preparation of Mitigation Monitoring/Environmental Commitment Program will include post-project monitoring to confirm successful completion of mitigation measures and environmental commitments.
10. **Clifton Court Forebay/Tracy P.P. Intertie** – None

Other Actions

11. **Interim South Delta Actions** – Not applicable.

12. San Luis Reservoir LPIP –

Planning – We do not anticipate incorporating the CALFED Science Review program in the Year 3 work plan. However, if Science Review is necessary, DWR, as manager of Conveyance Element, will initiate their involvement.

13. Design and Construction - None proposed for Year 3.

14. Oversight, Coordination, and Science --

H. Budget by Task – See Attachment 1 entitled Conveyance – CALFED Program Year 3

Section III. Stage 1

A. Stage 1 Project Expenditures - See Attachment 2 entitled Conveyance Program – Stage 1 Projected Expenditures.

South Delta

1. 8500 cfs – Permanent Operable Barriers

Year 1:	\$3.5 million (SWP funds)
Year 2:	\$5.2 million (SWP funds)
Year 3:	\$12.7million (SWP funds)
Year 4:	\$17.2 million (SWP funds)
Year 5:	\$31.4 million (\$24.8 million Proposition 13, \$6.6 million SWP funds)
Year 6:	\$37.4 million (\$30.8 million Proposition 13, \$6.6 million SWP funds)
Year 7:	\$16.2 million (\$0.4 million Proposition 13, \$15.8 million Federal funds)

Total estimated SDIP Expenditures: \$123.6 million

The estimated expenditure for this program as per the Framework Agreement was \$80.0 million. Costs to complete the environmental documentation, final design and construction now appear to have been too low. It is requested that the revised 7 year expenditure plan be approved.

Cost sharing identified in the Framework Agreement is 33% State, 33% Federal and 33% Other. To date, SWP funds have been used to fund all Planning for the project. Proposition 13 allocated \$56 million for barrier construction costs. The CVPIA authorizes the Secretary of Interior to construct an operable Head of Old River barrier and other barriers needed to mitigate its effects on downstream water users.

2. Clifton Court fish screens/10,300 cfs

The Framework Agreement identifies a total cost of \$349 million for the construction of a first module of a new intake and fish screens at Clifton Court Forebay which was planned during Stage 1. Construction of the intake/screens has been delayed until test information is available from the Tracy Fish Test Facility, which is to be used to collect information on the best technology relating to the design of the intake/screens. Based on this delay, the new intake/screens would not be operable until after Stage 1. As a result, the revised Stage 1 activities will involve planning only tasks and total \$12.0 million.

Current cost sharing is 75% State and 25% Other. At this time, no change of the total \$349 million cost is proposed and no change in Framework cost sharing is proposed at this time, however uncertainties about the source of funds for the State and local cost share remain a key issue. If there are benefits to the CVP Yield Recovery Plan from project implementation, it may be appropriate to determine a Federal cost share for the project.

3. Tracy Fish Test Facility

Current total expenditures for TFTF during Stage 1 are estimated at about \$100 million over the 7 year period. A study of fish Collection, Handling, Transportation and Release will commence this year as part of this research effort on improving the survival of fish in SWP and CVP fish salvaging facilities. The Department of Fish and Game has the lead on this study and the total cost of the study is estimated at \$6.1 million.

No changes in Framework cost sharing are proposed at this time.

4. Lower San Joaquin Flood Improvements

Projected expenditures for this project are as follows:

Year 1:	\$ 0	
Year 2:	\$ 0.059 million	(State: GF)
Year 3:	\$ 0.101 million	(State: GF)

Year 4:	\$ 0.101 million (State: GF)
Year 5:	\$ 4.523 million (State: GF and Federal Corps – Split 50-50)
Year 6:	\$ 4.4 million (State: GF and Federal Corps – Split 50-50)
Year 7:	\$ 4.4 million (State: GF and Federal Corps – Split 50-50)

Total estimated LSJFI Stage 1 Expenditures: \$13,584,000

No estimated cost for this project was included in the Framework Agreement.

No cost sharing identified in Framework Agreement for this project. Costs shown are to define project and prepare Feasibility Study and EIR/S for project. Construction costs are uncertain at this time, but would occur during Stage 2 and be shared 65% Corps, 25% State and 10% Local.

5. Veale/Byron Tract Drainage Reduction

Projected expenditures for this project are as follows:

Year 1:	\$ 0
Year 2:	\$ 0.170 million (State: \$0.111 Proposition 13, \$0.059 million SWP Funds)
Year 3:	\$ 1.03 million (State: \$0.666 Proposition 13, \$0.364 million SWP Funds)
Year 4:	\$ 1.855 million (State: \$0.527 Proposition 13, \$0.283 million SWP Funds, AND \$1.045 million not yet identified)
Year 5:	\$ 5.900 million (Funding not yet identified)
Year 6:	\$ 4.704 million (Funding not yet identified)
Year 7:	\$ 0

Total estimated Veale/Byron Stage 1 Expenditures: \$13,659,000

\$17.5 million was included in the Framework Agreement for this project under the Drinking Water Quality Program.

CCWD is concerned about any local user cost share for which they might be liable. The required non-State cost share for the use of Proposition 13 funds has yet to be determined.

Cost sharing for this program will be reviewed as part of the overall Finance Plan described in the Oversight & Coordination Work Plan.

North Delta

6. Delta Cross Channel Re-operation

The Stage 1 expenditures for the DCC are as follows:

Year 1:	\$0.5 million
Year 2:	\$2.0 million
Year 3:	\$1.2 million (State: \$0.957 Proposition 13 and \$0.222 SWP funds)
Year 4:	\$1.8 million
Year 5:	\$1.8 million
Year 6-7:	\$0

Total estimated DCC Stage 1 Expenditures: \$7,300,000

The Framework agreement indicated that the budget for the DCC re-operation study was \$7,000,000 total.

Cost sharing in the Framework Agreement are 33.3 % Federal, 33.3 % State, 33.3 % Other. Thus far Federal has only funded \$270,000 in Year 1 of the studies. The remainder has come from the State General Fund and Proposition 13 funds.

7. Through-Delta Facility – Planning

The Stage 1 estimated expenditures for the TDF are as follows:

Year 1:	\$0.3 million
Year 2:	\$2.4 million
Year 3:	\$6.1 million (State: \$4.968 Proposition 13 and \$0.916 SWP funds)
Year 4:	\$6.7 million
Year 5:	\$7.0 million
Year 6:	\$6.0 million
Year 7:	\$5.0 million

Total estimated TDF Stage 1 Expenditures: \$33,500,000

The Framework agreement indicated that the budget for the TDF study was \$8.0 million total. The current estimated expenditure for the study is above that amount by \$25.5 million. The TDF projects that were not anticipated at the time of the Framework agreement are the fish friendly trashracks (\$2,600,000), and the initial studies of fish collection, handling, transportation and release (\$2,400,000). Additionally, the remaining increase in expenditure is needed to prepare the environmental

documentation, preliminary design and environmental permitting for a proposed project.

The Framework agreement specifies a cost share of 50.0 % Federal and 50.0% State. Thus far only Federal has only funded \$295,000 in Year 1 of the studies. The remainder has come from the State general fund and Prop 13 funds.

8. North Delta Flood Improvements

The Stage 1 estimated expenditures for the NDFI are as follows:

Year 1:	\$0
Year 2:	\$0.634 million (State – GF)
Year 3:	\$1.300 million (Projected: State – GF)
Year 4:	\$3.100 million (Projected: State – GF)
Year 5:	\$15.000 million (Projected: State – GF)
Year 6:	\$80.000 million (Projected: 23.8 State GF/ \$17.5 million Local/\$38.7 million Federal)
Year 7:	\$75.000 million (Projected: Federal)

Total estimated NDFI Stage 1 Expenditures: \$175,100,000

The Framework Agreement estimated the total cost for NDFI at \$175.0 million. No adjustment is proposed at this time.

The cost sharing in the Framework Agreement is 65% Federal, 25% State and 10% Other. No changes in Framework cost sharing are proposed at this time.

CVP/SWP Interties

9. CVP/SWP Aqueduct Intertie

No funding for this project for Year 3 is identified at this time pending the development of the Federal budget.

The Framework Agreement estimated the total planning costs for the aqueduct intertie at \$11.0 million. There may be slight change in this amount.

No changes in Framework cost sharing are proposed at this time.

10. Clifton Court Forebay/Tracy P.P. Intertie

The Framework Agreement states that the CVP/SWP intake Intertie will start in Year 1 and be concluded in Year 4, with a total budget of \$7.0 million. The schedule to start this activity is now Year 7, after a Tracy Fish Test Facility and a new intake module at CCF can provide the information to enumerate the benefits and impacts of an Intertie facility. No adjustment to this amount is proposed at this time, however beginning the work in Year 7 instead of Year 1 will reduce Conveyance Program expenditures on this project during Stage 1 from \$7.0 million to \$2.0 million.

The Framework agreement specifies the cost share for this project as 100 % Other. No changes in Framework cost sharing are proposed at this time.

Other Actions

11. Interim South Delta Actions

The Stage 1 estimated expenditures for this project are as follows:

- Year 1: \$ 3.7 million (SWP funds)
- Year 2: \$ 3.8 million (SWP funds)
- Year 3: \$ 4.7 million (Projected: SWP funds)
- Year 4 \$ 6.2 million (Projected: SWP funds)
- Year 5 \$ 6.2 million (Projected: SWP funds)
- Year 6 \$ 6.2 million (Projected: SWP funds)
- Year 7 \$ 4.5 million (Projected: SWP funds)

Total estimated Stage 1 Expenditures: \$35.3 million (SWP funds)

There were no estimated costs or proposed cost sharing for this included in the Framework Agreement. The actions were identified as Complementary in CALFED's ROD.

12. San Luis Reservoir LPIP –

Planning - Total estimated cost for this project for planning and construction during Stage 1 as listed in the Framework Agreement was \$175.0 million. The estimated cost for planning during Stage 1 is estimated at \$24.8 million.

Cost estimates may be revised upon completion of the EIR/EIS documents, so no adjustment to the \$175.0 million total is requested at this time.

The Framework Agreement cost sharing for this project is incomplete. It is assumed that cost sharing for planning will be 50/50 for Federal/ State funding. No adjustment to the cost sharing is proposed at this time.

- 13. Design and Construction** - Total estimated construction cost for this project is shown as \$150.0 million based on the total planning and construction estimate of \$175.0 million.

Cost estimates may be revised upon completion of the feasibility and EIR/EIS documents. As a result, no adjustment to the \$175.0 million total is requested at this time.

Cost sharing for design and construction is not yet determined.

- 14. Oversight, Coordination, and Science** --

Total estimated cost for Stage 1 is currently \$3.5 million. However, this estimate could be changed because cost estimates for Science are still under review. No funding was included for this purpose in the Framework Agreement.

Cost sharing is assumed to be shared 50% federal/50% state, although most of the funding for this task has been State funded.

B. State, Federal, Local/Water User Cost Sharing

Cost sharing discussions for some projects are provided in Section A above.

In addition, cost sharing for this program will be reviewed as part of the overall Finance Plan described in the Oversight & Coordination Work Plan.

Conveyance - CALFED Program Year 3								
(\$ in thousands)								
December 1, 2002								
Conveyance	CALFED	DWR	DFG	State Subtotal	USBR	Federal Subtotal	Local/User	Total
1. 8,500 cfs - Permanent Operable Barriers	\$75	\$0	\$0	\$75	\$0	\$0	\$12,610	\$12,685
Fund Source								
General Fund	\$75			\$75		\$0		\$75
Prop 13				\$0		\$0		\$0
SWP				\$0		\$0	\$12,610	\$12,610
W&RR				\$0		\$0		\$0
CVPIA RF				\$0		\$0		\$0
2. Clifton Court Fish Screens/10,300 cfs	\$50	\$0	\$32	\$82	\$0	\$0	\$1,038	\$1,120
Fund Source								
General Fund	\$50		\$32	\$82		\$0		\$82
Prop 13				\$0		\$0		\$0
SWP				\$0		\$0	\$1,038	\$1,038
W&RR				\$0		\$0		\$0
CVPIA RF				\$0		\$0		\$0
Matching				\$0		\$0		\$0
3. Tracy Fish Test Facility	\$950	\$4,400	\$34	\$5,384	\$2,000	\$2,000	\$5,000	\$12,384
Fund Source								
General Fund	\$50		\$34	\$84		\$0		\$84
Prop 13	\$900	\$4,400		\$5,300		\$0		\$5,300
SWP				\$0		\$0		\$0
W&RR				\$0	\$2,000	\$2,000		\$2,000
CVPIA RF				\$0		\$0	\$5,000	\$5,000
4. Lower San Joaquin Flood Improvements	\$0	\$101	\$0	\$101	\$0	\$0	\$0	\$101
Fund Source								
General Fund		\$101		\$101		\$0		\$101
Prop 13				\$0		\$0		\$0
SWP				\$0		\$0		\$0
W&RR				\$0		\$0		\$0
CVPIA RF				\$0		\$0		\$0
5. Veale/Byron Tract Drainage Reduction	\$40	\$666	\$0	\$706	\$0	\$0	\$364	\$1,070
Fund Source								
General Fund	\$40			\$40		\$0		\$40
Prop 13		\$666		\$666		\$0		\$666
SWP				\$0		\$0	\$364	\$364
W&RR				\$0		\$0		\$0
CVPIA RF				\$0		\$0		\$0
6. Delta Cross Channel Re-operation	\$957	\$0	\$32	\$989	\$0	\$0	\$222	\$1,211
Fund Source								
General Fund			\$32	\$32		\$0		\$32
Prop 13	\$957			\$957		\$0		\$957
SWP				\$0		\$0	\$222	\$222
W&RR				\$0		\$0		\$0
CVPIA RF				\$0		\$0		\$0
7. Through Delta Facility - Planning	\$4,968	\$198	\$32	\$5,198	\$0	\$0	\$916	\$6,114
Fund Source								
General Fund		\$198	\$32	\$230		\$0		\$230
Prop 13	\$4,968			\$4,968		\$0		\$4,968
SWP				\$0		\$0	\$916	\$916
W&RR				\$0		\$0		\$0
CVPIA RF				\$0		\$0		\$0
8. North Delta Flood Improvements	\$100	\$1,236	\$0	\$1,336	\$0	\$0	\$0	\$1,336
Fund Source								
General Fund	\$100	\$1,236		\$1,336		\$0		\$1,336
Prop 13				\$0		\$0		\$0
SWP				\$0		\$0		\$0
W&RR				\$0		\$0		\$0
CVPIA RF				\$0		\$0		\$0
9. CVP/SWP Aqueduct Inter-tie	\$0	\$33	\$0	\$33	\$0	\$0	\$0	\$33

Conveyance	CALFED	DWR	DFG	State Subtotal	USBR	Federal Subtotal	Local/User	Total
Fund Source								
General Fund		\$33		\$33		\$0		\$33
Prop 13				\$0		\$0		\$0
SWP				\$0		\$0		\$0
W&RR				\$0		\$0		\$0
CVPIA RF				\$0		\$0		\$0
10. Clifton Court Forebay/Tracy P.P. Inter-tie	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Fund Source								
General Fund				\$0		\$0		\$0
Prop 13				\$0		\$0		\$0
SWP				\$0		\$0		\$0
W&RR				\$0		\$0		\$0
CVPIA RF				\$0		\$0		\$0
11. Interim South Delta Actions	\$200	\$0	\$0	\$200	\$0	\$0	\$4,463	\$4,663
Fund Source								
General Fund	\$200			\$200		\$0		\$200
Prop 13				\$0		\$0		\$0
SWP				\$0		\$0	\$4,463	\$4,463
W&RR				\$0		\$0		\$0
CVPIA RF				\$0		\$0		\$0
12. San Luis Bypass - Planning	\$33	\$4,377	\$0	\$4,410	\$0	\$0	\$25	\$4,435
Fund Source								
General Fund	\$33			\$33		\$0		\$33
Prop 13		\$4,377		\$4,377		\$0		\$4,377
SWP				\$0		\$0	\$25	\$25
W&RR				\$0		\$0		\$0
CVPIA RF				\$0		\$0		\$0
13. San Luis Bypass - Design & Construction	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Fund Source								
General Fund				\$0		\$0		\$0
Prop 13				\$0		\$0		\$0
SWP				\$0		\$0		\$0
W&RR				\$0		\$0		\$0
CVPIA RF				\$0		\$0		\$0
14. Oversight and Coordination	\$650	\$0	\$32	\$682	\$0	\$0	\$44	\$726
Fund Source								
General Fund	\$250		\$32	\$282		\$0		\$282
Prop 13	\$400			\$400		\$0		\$400
SWP				\$0		\$0	\$44	\$44
W&RR				\$0		\$0		\$0
CVPIA RF				\$0		\$0		\$0
Program Summary	\$8,023	\$11,011	\$162	\$19,196	\$2,000	\$2,000	\$24,682	\$45,878
Fund Source								
General Fund	\$798	\$1,568	\$162	\$2,528	\$0	\$0	\$0	\$2,528
Prop 13	\$7,225	\$9,443	\$0	\$16,668	\$0	\$0	\$0	\$16,668
SWP	\$0	\$0	\$0	\$0	\$0	\$0	\$19,682	\$19,682
W&RR	\$0	\$0	\$0	\$0	\$2,000	\$2,000	\$0	\$2,000
CVPIA RF	\$0	\$0	\$0	\$0	\$0	\$0	\$5,000	\$5,000
Conveyance								
General Fund	\$798	\$1,568	\$162	\$2,528	\$0	\$0	\$0	\$2,528
Prop 13	\$7,225	\$9,443	\$0	\$16,668	\$0	\$0	\$0	\$16,668
SWP	\$0	\$0	\$0	\$0	\$0	\$0	\$19,682	\$19,682
W&RR	\$0	\$0	\$0	\$0	\$2,000	\$2,000	\$0	\$2,000
CVPIA RF	\$0	\$0	\$0	\$0	\$0	\$0	\$5,000	\$5,000
Conveyance Approved Funding	\$8,023	\$11,011	\$162	\$19,196	\$2,000	\$2,000	\$24,682	\$45,878
Prior Year Funds								
Prop 13 CO forTFTF				\$0	\$20,600	\$20,600		\$20,600
	\$0			\$0		\$0		\$0
	\$0			\$0		\$0		\$0
Carryover to Year 3	\$ -	\$ -	\$ -	\$ -	\$ 20,600	\$ 20,600	\$ -	\$ 20,600

**Attachment 2 - Conveyance Program
Stage 1 Projected Expenditures
(\$ in millions)
December 1, 2002**

New #	FA #	Tasks/Projects	Total from Framework Agreement	Program Year(s) Stage 1 (Yrs 1-7)							Revised Total	Cost Sharing (%)		
				1	2	3	4	5	6	7		Fed	State	Local
1	4	8,500 cfs - Permanent Operable Barriers	\$80.0	\$3.5	\$5.2	\$12.7	\$17.2	\$31.4	\$37.4	\$16.2	\$123.6	33.3%	33.3%	33.3%
2	5	Clifton Court Fish Screens/10,300 cfs	\$349.0	\$2.0	\$1.7	\$1.1	\$0.7	\$0.6	\$0.6	\$5.3	\$12.0		75.0%	25.0%
3	8	Tracy Fish Test Facility ¹	\$109.5	\$6.6	\$26.3	\$12.3	\$32.0	\$28.4	\$1.0	-	\$106.6	37.5%	25%	37.5%
4	new	Lower San Joaquin Flood Improvements	\$0.0	\$0.0	\$0.1	\$0.1	\$0.1	\$4.5	\$4.4	\$4.4	\$13.6	50% ⁴	50% ⁴	0%
5	DWQ	Veale/Byron Tract Drainage Reduction ²	\$17.0	\$0.0	\$0.2	\$1.1	\$1.9	\$5.9	\$4.7	\$0.0	\$13.7	See footnote ⁵ .		
6	1	Delta Cross Channel Re-operation	\$7.0	\$0.5	\$2.0	\$1.2	\$1.8	\$1.8	-	-	\$7.3	33.3%	33.3%	33.3%
7	2	Through Delta Facility - Planning ³	\$8.0	\$0.3	\$2.4	\$6.1	\$6.7	\$7.0	\$6.0	\$5.0	\$33.5	50%	50%	
8	3	North Delta Flood Improvements	\$175.0	-	\$0.6	\$1.3	\$3.1	\$15.0	\$80.0	\$75.0	\$175.1	65%	25%	10%
9	7	CVP/SWP Aqueduct Inter-tie	\$11.0	-	\$0.2	\$0.0	\$10.0	\$0.1	\$0.1	\$0.1	\$10.5	100%		0%
10	6	Clifton Court Forebay/Tracy P.P. Inter-tie	\$7.0	-	-	-	-	-	\$1.0	\$1.0	\$2.0			100%
11	new	Interim South Delta Actions	\$0.0	\$3.7	\$3.8	\$4.7	\$6.2	\$6.2	\$6.2	\$4.5	\$35.3			100%
12	9	San Luis Bypass - Planning ³	\$174.8	\$4.8	\$4.8	\$4.4	\$6.0	\$4.7			\$24.8	50.0%	50.0%	
13	9	San Luis Bypass - Design & Constr.		-	-	-	-	\$40.0	\$50.0	\$60.0	\$150.0	pending project evaluation		
14	new	Oversight, Coordination, & Science	\$0.0	-	-	\$0.7	\$0.7	\$0.7	\$0.7	\$0.7	\$3.5			100%
		Total	\$938	\$21	\$47	\$46	\$86	\$146	\$192	\$172	\$711			

¹ Includes \$6.1 M funding for Delta Smelt Collection, Handling, Transportation, and Release (CHTR) studies in Years 4-6.

² This project has been moved to Conveyance from the Drinking Water Quality Program.

³ Includes environmental documentation, permits, and preliminary design. Does not include final design.

⁴ Project costs for years 1 through 4 are 100% State cost only. The proposed 50/50 Fed/State cost share is for planning only. Full implementation/construction will not take place during Stage 1, so cost shares for construction have not been proposed at this time.

⁵ Cost share to be determined during preparation of work plan and shown in Section 3 of plan.

Attachment 3
Conveyance Program Environmental Justice Workplan Activities

Environmental Justice Workplan Tasks	Program Element Response
ALL EJ Subcommittee and CALFED Programs draft goals, objectives, strategies, and performance measures for integration of environmental justice into CALFED program element workplans with technical assistance from EJ reps on each Subcommittee, EJ Coordinator, and/or EJ Subcommittee.	The Conveyance Program Element will draft goals, objectives, strategies, and performance measures for integration of environmental justice into its workplans with the technical assistance from EJ reps on each Subcommittee, EJ Coordinator, and/or EJ Subcommittee.
ALL Integrate EJ annual plan goals and objectives into program element workplans during program subcommittee meetings	The Conveyance Program Element will integrate EJ annual goals and objectives into it workplans during program subcommittee meetings.
ALL Ensure at least one EJ representative on each BDPAC Subcommittee	The Conveyance Program Element will pursue having at least one EJ representative on each BDPAC Subcommittee.
ALL Develop specific criteria, guidelines, community partnership requirements, and outreach process for program PSP's that address existing and emerging environmental justice issues faced by low-income populations and communities of color in CALFED's solution area. Identify within scope of work and budget activities to address environmental justice objectives of the project.	The Conveyance Program Element will develop specific criteria, guidelines, community partnership requirements, and outreach process for program PSP's that address existing and emerging environmental justice issues faced by low-income populations and communities of color in CALFED's solution area.
ALL For each meeting of the EJ Subcom, ensure participation of at least 1 CALFED program manager and appropriate Subcommittee chairs when appropriate, based on agenda	The Conveyance Program Element will, ensure to the extent possible, participation of at least 1 CALFED program manager and appropriate Subcommittee chairs when appropriate, based on agenda.