

QUARTERLY PROGRAMMATIC REPORT

Component Project Title: Coordination, Integration and Technical Administration
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 CALFED Project # 01-N61-01
 Quarter Ending December 31, 2001

Deliverables

Task	Name of Deliverable	Due Date	% of Work Complete	Date Deliverable Complete
Task 1	Synthesis Report	01/15/02	17	N/A*
Task 2	Strawman Development	ongoing**	67	N/A*
Task 3	Peer Review	03/01/02	15***	N/A*
Task 4	Technical Administration	ongoing**	67	N/A*

* N/A - Not Applicable

** Ongoing activity for which there is no specific deliverable due within the quarter.

*** Considerable work was done during the quarter by G. Fred Lee in organizing the peer review. Funds for these efforts were part of Task 4.

Note, in December 2001, the TAC recommended a change in the due dates for the draft Synthesis Report to January 31, 2002. As a consequence, the Peer Review panel meeting has been moved back 15 days to March 15, 2002. These changes were necessitated by the slow delivery of final draft reports from the component project PIs, none of whom met the December 31, 2001, due date for these reports.

Narrative

Task 1: Synthesis Report

During the second quarter of the project, discussions were held with members of the Technical Advisory Committee (TAC) and Steering Committee concerning the development of the synthesis report, which is scheduled to take place in January 2002. The development of the synthesis report is being delayed by 15 days due to the change in the due date for the component project PIs' final draft reports from December 31, 2001, to January 15, 2002. No problems were encountered during the quarter in this task.

Task 2: Strawman Development

During this quarter, work on the Strawman development was concerned primarily with review of the draft reports for the CALFED-supported year 2000/2001 studies of the SJR watershed and its tributaries. The further development of the Strawman effort is on schedule. Dr. Chris Foe recently indicated that the revised Strawman report will be made available for review in mid-January 2002. No problems were encountered during this quarter in this task.

Task 3: Peer Review

During the second quarter, work was initiated in planning for the peer review of the results of this project. This peer review is scheduled to take place in March 2002. Write-ups have been developed proposing the organization of the peer review. Also, a suggested list of peer reviewers has been submitted to CALFED for review and approval. The peer review planning is on schedule. No problems were encountered during this quarter in this task.

Task 4: Technical Administration

The overall project administration has progressed in accord with the schedule. Considerable time was spent during the second quarter reviewing the first-quarter progress reports and invoices from the component project PIs.

Dr. Lee also participated in the Steering Committee planning of the follow-on CALFED Directed Action Implementation project and the Plan of Action covering the development of the control program for prevention of low DO in the Deep Water Ship Channel. All problems encountered during this quarter in this task, involving component project progress reports and invoicing, have been resolved.

Overall Status of the Low-DO DA Component Projects

Presented herein is a brief summary of accomplishments and problems that occurred in the first/second quarters of the Low-DO DA component projects. The comments about the current status and problems of the component projects are based on information provided at TAC and other meetings, as well as information provided by component project PIs. This discussion will be updated when the component project PIs submit their second quarter reports, due on January 5, 2002, as well as their final draft reports covering data collected through September 30, 2001, now due on January 15, 2002. Only three of the component project PIs (Litton, Stringfellow, and Lee) submitted second quarter progress reports by the January 5, 2002, due date.

Lehman DWR DWSC Studies \$393,596

Problems still exist between CALFED and DWR in developing contracts for the DWR-associated component projects. These contracting problems did not affect satisfactory progress for most of the DWR-associated component projects. However, the DWR administrator Zack Hymanson has indicated that the data that were collected in the Lehman DWSC studies will not be made available until CALFED and DWR have developed a contract to cover this work.

This DWR/CALFED contracting problem also prevented Lehman from acquiring certain equipment needed for monitoring of the San Joaquin River. Because of this, a key part of the anticipated/needed data will not be available. This contracting problem also resulted in

significant gaps in the anticipated information base that was supposed to be available on December 1, 2001. These data gaps not only impacted the Lehman project but also several other projects that depend on the results of the Lehman project.

Another major problem occurred with the Lehman project in that in the fall she had an accident on a boat field trip which prevented her from completing the sampling program that was originally planned. Since DWR did not make arrangements to have someone else complete the originally planned studies in the fall, additional major data gaps in the results from this project as well as the overall Low-DO DA project have occurred.

No second quarter progress report has been received by January 14, 2002.

Stringfellow/Quinn Mud/Salt Slough Watershed Monitoring \$100,000

One of the proposed NFWF-administered Low-DO projects that was adversely impacted by contracting problems was the Stringfellow/Quinn monitoring of Mud and Salt Sloughs. NFWF and CALFED were not able to develop an agreeable contract with the Department of Energy to cover the funding of this project. Stringfellow/Quinn collected some of the originally planned data without being covered by a contract and while knowing that work done without a contract might not be paid for; however, significant information gaps exist in this project area of study. It now appears alternative contracting arrangements are being developed to cover payment for work that was done in this project.

While a second quarter progress report was received, errors in the budget information have not been corrected, with the result that no acceptable second quarter progress report has been received by January 14, 2002.

Brown Jones & Stokes Aeration \$125,000

The first quarter contracting communication problems between CALFED and the Corps of Engineers that occurred in the Russ Brown NFWF project devoted to aeration were not overcome during the second quarter. The unused funds that arose from these problems have been re-budgeted to help in the Strawman analysis.

No second quarter progress report has been received by January 14, 2002.

Brown Jones & Stokes DWSC Tidal Exchange \$74,000

The first quarter contracting problems between NFWF and Jones & Stokes regarding the dye tracer tidal exchange in the lower DWSC component project were apparently overcome by Brown's adopting an alternative approach to assessing mixing of Sacramento River water with the water in the DWSC near Columbia Cut.

No second quarter progress report has been received by January 14, 2002.

Kratzer USGS SJR Monitoring \$276,000

The contracting problems that CALFED/NFWF had with the USGS over the past two years were finally resolved in the second quarter. While those problems did not impact collection of the originally planned data in the Kratzer SJR monitoring project, it is

significantly adversely affecting Kratzer's reporting of the results of the CALFED-supported 2000 and 2001 studies. Kratzer recently indicated that he has placed a low priority on developing reports for these projects. This means that the reports for these studies will not be available in time to be peer-reviewed with the results of the other Low-DO component projects in March 2002.

No second quarter progress report has been received by January 14, 2002.

Tulloch/Quinn Tulloch Engineering SJR Ag Diversion/Discharges \$100,000

The Tulloch/Quinn project devoted to assessing the magnitude of SJR ag diversions/discharges has experienced significant problems which have apparently caused this project to accomplish far less than projected. The problems with the project were largely associated with Tulloch/Quinn's internal management of the project. These problems have resulted in a major information gap in the ag diversion/discharges area.

No second quarter progress report has been received by January 14, 2002.

Hutton *et al.* DWR Modeling \$120,000 (two \$60,000 projects)

The two DWR-associated modeling projects conducted by Hutton and his staff have accomplished the planned work to the extent possible even though there were no contracts to cover this work. The upstream modeling project, in which it was planned to couple the DWR DSM2 model to an upstream water quality model, could not be conducted by Hutton since CALFED did not fund the water quality modeling component of this project in time to enable this work to be conducted during the project period. The unused funds are to be used to expand the South Delta barrier modeling. The missing component of this project will be conducted in future work with additional funding when the CALFED-selected modeling group, HydroQual, becomes active in SJR water quality modeling.

No second quarter progress report has been received by January 14, 2002.

Litton UOP Sediment Oxygen Demand \$112,000

While the initial contracting problems between UOP and NFWF delayed the full initiation of this project, Litton was able to accomplish the goals of this project during the second quarter.

Litton has submitted an acceptable second quarter progress report.

Jacobs DWR Data Management \$35,000

The Jacobs DWR data management project became active during the second quarter when it began to enter the component project data into the IEP web site. This project seems to be on schedule to the extent that Jacobs has received the requested data. Several PIs (Kratzer, Tulloch/Quinn, Lehman?, and Brown - both projects) have not yet submitted the data collected by September 30, 2001, to Jacobs for entry into the IEP data base. Submission of those data was to have been accomplished by December 1, 2001.

No second quarter progress report has been received by January 14, 2002.

Murdoch City of Stockton DWSC Monitoring \$75,000

While the contracting between the city of Stockton and NFWF was significantly delayed, the city collected the planned data.

No second quarter progress report has been received by January 14, 2002.

Lee G. Fred Lee & Assoc. Project Management, Peer Review, Strawman and Synthesis Report \$158,000

All four components of the Lee projects are on schedule.

Lee has submitted an acceptable second quarter progress report.

Projected expenses for each of the next three months in the following quarter:

Month 1 \$26,500 Month 2 \$11,500 Month 3 \$16,500 Total for quarter \$ 54,500

Title: Coordination, Integration and Technical Administration

Budget Year: May 4, 2001 – May 31, 2002

Statement Quarter: Project 2nd Quarter 2001
(September – December 2001)

Applicant: G. Fred Lee & Associates
CALFED Project Number: 01-N61-01

Total Estimated Cost

Funding from CALFED: \$158,000
Other Funding: \$150,000

Total Project Estimated Completion Date: May 31, 2002

			Project 2 nd Quarter 2001 Budget			May 4, 2001 – May 31, 2002 Project Budget		
			Budget	Accrued Expenditures	Variance	Budget	Accrued Expenditures	Remaining Balance
Task 1:	Synthesis Report	17% complete	\$5,000	\$5,000	0	\$30,000	\$5,000	\$25,000
Task 2:	Strawman Development	67% complete	\$4,500	\$4,500	0	\$18,000	\$12,000	\$6,000
Task 3:	Peer Review	15% complete*	0	0*	0	\$50,000	0	\$50,000
Task 4:	Technical Administration	67% complete	\$14,940	\$14,940	0	\$60,000	\$40,000	\$20,000
Total:			\$24,440	\$24,440	0	\$158,000	\$57,000	\$101,000

* Considerable work was done by G. Fred Lee in developing the peer review. Funds for these efforts are part of Task 4