

## SECOND QUARTERLY PROGRAMMATIC REPORT

Component Project Title: Sources and Causes of Oxygen Demand from Algal Biomass in the San Joaquin River DWSC  
 Component Project PI: Dr. P. W. Lehman  
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 CALFED Project # 01-N61-?? (no contract)  
 Quarter Ending December 31, 2001

	Name of Deliverable	Deliverables		
		Due Date	% of Work Complete	Date Deliverable Complete
Task 1	project management	6/30/02	35	
Task 2	data collection	11/30/01	47	
Task 3	database	1/30/02	50	
Task 4	data analysis	6/30/02	27	
Task 5	reporting	6/30/02	29	

### Narrative

1. Description of activities performed during the quarter, by task.
2. Problems and delays encountered by task.  
List and discuss those parts of the original project plan that will not be accomplished in the project period
3. Other issues or comments.  
Provide information on the data/information base that will be available through December 31, 2001.
4. Please identify your projected expenses for each of the next three months in the following quarter to assist in the timing of State bond sales which fund this project.

Month 1 \$ 12000 Month 2 \$ 12000 Month 3 \$ 12000 Total for quarter \$ 36000

Budget Year: June 1, 2001 – June 30, 2002

Statement Quarter: September 30, 2001 –  
December 31, 2001

**Title:**

Applicant: Department  
of Water Resources  
CALFED Project Number: none

**Total Estimated Cost**

Funding from CALFED: \$393525

Other Funding:

Total Project Estimated Completion Date: 6/30/02

		(Quarterly Budget)			(*Enter Current FY) Budget		
		Budget	Accrued Expenditures	Variance	Budget	Accrued Expenditures	Remaining Balance
Task 1:	<i>Contract Administration</i>	7392	3000	4392	29568	10392	19176
Task 2	Data collection	75399	38863	36536	301595	141704	159891
Task 3:	<i>Database</i>	3001	3001	0	6003	3001	3002
Task 4	Data analysis	13858	11069	2789	41575	11069	30506
Task 5	Reporting	4928	4290	638	14784	4290	10494
<b>Total:</b>		<b>104578</b>	<b>60223</b>	<b>44355</b>	<b>393525</b>	<b>170456</b>	<b>223069</b>

*We budget at the subtask level only if active during the Quarter in question. If a subtask is complete, it rolls-up into the Task level.*

*Please explain significant variance from the quarter's estimated originally planned budget*

## Narrative Section of Progress Report

### Lehman Quarter 2 San Joaquin River Dissolved Oxygen 2001 study

#### **Milestones**

During this quarter we completed the data collection through the early part of October when the Program Manager Zach Hymanson cancelled the field program because I received a head injury during the September sampling program. Cancellation of the program left some unfinished work including all of the work in November and light saturation, phytoplankton, zooplankton and isotope analyses and full operation of the continuous monitoring program in October. Further details were presented in a separate report to CALFED - Barbara Marcotte.

As a result of this cancellation, we moved directly into the database, data analysis and reporting phase of the program. During December we worked out security issues regarding QA and transfer of our discrete Access database to the web page. The discrete database was transferred to the website in December and is currently available. The continuous database files are completed and are currently undergoing QA and will be released shortly. Most of the basic data plots were completed and these were used to develop a draft summary report.

#### **Limitations**

The overall project continues to suffer from the absence of a contract. Management will not release the final report unless there is a contract. There is now concern that a contract will not be available in time to compensate the State of California for work done in 2001 because the budget will be closed in June 2002.

The absence of a contract also impacts the work needed to preparation of the progress reports. We do not have an accounting number in our main budget system. Without this number my supervisor requires me to calculate all of the budget information by spreadsheets with only cost estimates as a guide to many charges. If and when a contract does go into place all of the charges will have to be searched and backed out one by one. Normally this would all be done automatically through the budgeting system.

The quality and quantity of work done on the report and database and timely completion of tasks was limited by inadequate staffing. Staff replacements due at the beginning of October were not scheduled for completion in a timely fashion because of administrative delays. In addition, after my head injury occurred all of my staff replacements were cancelled by my supervisor. This action was immediately followed by a State hiring freeze. Delays in administrative actions needed to reverse the cancellation process plus my supervisors refusal to hire one of the full time staff lead to reduced staffing for the project. I was able to borrow staff for half-time work in November and December, but was reduced to one dedicated staff person in October; down from three. To make matters worse, I was also reduced to only 4 to 6 hours a day during October through December in order to facilitate my recovery. The future will be bleaker in this regard.