

## QUARTERLY PROGRAMMATIC REPORT

Component Project Title: Calibration of Upstream Water Quality Model  
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 CALFED Project # 01-N61-?? (each PI to insert his/her project number)  
 Quarter Ending December 31, 2001

	Name of Deliverable	Deliverables		Date Deliverable Complete
		Due Date	% of Work Complete	
Task 1	Develop Stand-alone Model for the upper San Joaquin River	August 31, 01	100	August 31, 01
Task 2	Train and Assist Contractor to use the Model	Sep 01- June 02	0 *	
Task 3	Conduct real-time DO simulations and develop on-line documentation	June 30-02	0 *	
Task 4	Attend project and peer-review meetings	Periodic	30 *	

\* Contractor has been recently identified, but the contract has not been finalized

### Narrative

A stand-alone version of the model for upper San Joaquin River has been developed and tested. Further activity in this project has been on hold until a contractor has been identified.

The projected expenses for each of the next three months in the following quarter are as follows:

Month 1 \$ 2000    Month 2 \$ 2000    Month 3 \$ 2000    Total for quarter \$ 6000

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

Statement Quarter: December 31, 2001

**Title:**

Applicant:

CALFED Project Number:

Total Estimated Cost

Funding from CALFED:

Other Funding:

Total Project Estimated Completion Date:

			(Quarterly Budget)			(*Enter Current FY) Budget		
			Budget	Accrued Expenditures	Variance	Budget	Accrued Expenditures	Remaining Balance
Task 1:	<i>Develop a stand-alone model</i>	100 % complete	\$0	0	\$0	\$ 11880	\$ 11880	\$ 0
Task 2:	<i>Train and assist contractor</i>	0 %	\$28520	0	\$28520	\$ 28520	0	\$ 28520
Task 3:	Conduct real-time DO simulations and develop on-line documentation	0 %	0	0	0	\$ 14260	0	\$ 14260
Task 4:	Attend project and peer-review meetings	30 %	\$5340	\$1600	\$3740	\$ 5340	1600	\$ 3740
<b>Total:</b>			<b>\$33860</b>	<b>\$1600</b>	<b>\$32260</b>	<b>\$ 60000</b>	<b>\$13480</b>	<b>\$ 46520</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*

## **QUARTERLY REPORT**

### **Calibration of Upstream Water Quality Model**

**Task 2** Train and Assist Contractor in the Use of the Stand-Alone Model.

There has been no new progress in this project in the second quarter, since a contractor had not been identified yet. Only recently, CALFED chose HydroQual, Inc. to conduct the work. HydroQual's proposal is to conduct a two/three-dimensional modeling of the Stockton Ship Channel. The current plan calls for utilizing DSM2 for the upstream modeling (for both hydrodynamics and water quality), and for providing the hydrodynamic and water quality boundary conditions for HydroQual's 3-D model. The actual time-line will depend on how soon CALFED can authorize the funds to be used for the project.