

2010 to 2013 Funding Requests

Collaborative Surface and Groundwater Data Collection/Analysis Project

The following describes the work to be done as part of the Collaborative Surface and Groundwater Data Collection Project which will be completed in partnership with CVSC and regional partners:

1. Establish a project work plan in accordance with program work plan outline.
2. Develop standardized methods for aggregation and collection of salinity and nitrate water quality and related data in surface and groundwater, expanding these standards across the Central Valley to fill data gaps
3. Coordinate with regional entities to develop or provide data to characterize their region for water balance, salt balance and current and future sources and related activities
4. Aggregate data from the regions and analyze and evaluate, perform analysis to update beneficial uses and objectives, if necessary and establish numeric salinity and nitrate objectives for protection of waterbodies of the region.
5. Using the decision matrix protocol and process developed in the prior project establish proposed objectives based on the new data for implementation planning.

Deliverables and Budget

Interim and final plans, reports and data attachments supporting establishment of proposed objectives for surface and groundwater for all areas in the Central Valley Region. Estimated Costs are associated with the deliverables shown below:

1. Surface and Groundwater data collection and analysis workplan	\$325
2. Data collection and management tolls and methods report	\$265
3. Data coordination, aggregation and assessment report	\$975
4. Revised objectives and data gaps report	\$435

Total Project costs are estimated at more than \$3,000,000 which includes significant local in kind contribution of data and support as well as limited CVSC member contributions and other grants and program funds. Local and federal funding from partners are difficult to forecast but are expected to contribute significantly to the project. Requested from CAA Fund: \$2,000,000

Project Timeline: 18-24 months beginning in early 2011

Implementation Planning and Analysis Project

The following describes the work to be done as part of the Implementation Planning and Analysis Project:

1. Establish a project work plan in accordance with program work plan outline.

2. Based on the proposed objectives, establish implementable limits for all activities and discharges to attain long term salt balance sustainability for the region working with appropriate modeling and regions or groups providing data or managing salinity
3. Develop implementation projects, programs and regulatory schedule with stakeholders to achieve meet objectives in the optimum timing
4. Evaluate implementation alternatives and plans for environmental and economic impact
5. Prepare required environmental and basin plan amendment documentation.

Deliverables – Preparation of final report and data attachments documenting the projects, program and efforts to be implemented to meet objectives and protect beneficial uses and implementation schedule as well as environmental review documents.

1. Implementation Plan and Analysis Workplan	\$325
2. Implementation Modeling and Analysis Report	\$565
3. Implementation needs, Projects, Programs and Plan	\$425
4. Environmental documentation for Basin Plan Amendments	\$485

Project Timeline: 18-28 months mid to late 2011

Budget

Total Cost of Project Estimated to cost more than \$3,000,000 which we expect will include significant studies of implementation technology and feasibility by local and regional entities in support of this effort. Local and federal funding from partners are difficult to forecast but are expected to contribute significantly to the project.

Requested Funding Year 3 amount from CAA Fund: \$1,800,000

Implementation Funding

The most significant costs associated with the CV-SALTS initiative will be in the implementation projects and programs that are developed in the implementation plan. These projects are traditionally funded as compliance costs for communities and industries. One value of the CV-SALTS initiative is the ability to develop funding sources for communities and industries to implement regional programs that reduce the total costs of sustainably managing salt and nutrients. Funding programs will be developed to support the implementation plan and help insure implementation is completed.