



# PROPOSAL EVALUATION

## IRWM Grant Program – Local Groundwater Assistance, FY 2012-2013

<b>Applicant</b>	Carpentaria Valley Water District	<b>County</b>	Santa Barbara
<b>Project Title</b>	Carpentaria Groundwater Basin Sentinel Well Project	<b>Grant Request</b>	\$ 249,310.00
		<b>Total Project Cost</b>	\$ 249,310.00

**Project Description:** The objective of the project is to install nested monitoring wells at a key location within the basin to provide depth-specific water level and water quality data. The goal of the project is to prevent degradation of water quality of the basin due to seawater intrusion.

### Evaluation Summary:

Scoring Criterion	Score
GWMP or Program	5
Technical Adequacy of Work to be Performed	5
Work Plan	8
Budget	5
Schedule	3
QA/QC	5
Past Performance	2
Geographical Balance	0
<b>Total Score</b>	<b>33</b>

- **GWMP or Program:** The District formally adopted a GWMP on August 14, 1996 as indicated on Resolution 670, included in the attachments. Also attached to the application, were the GWMP cover, table of contents and executive summary.
- **Technical Adequacy of Work to be Performed:** The criterion is fully addressed with thorough and well-presented documentation. The project supports the GWMP’s primary goal to facilitate informed decisions regarding the use of the groundwater basin, and to preserve the integrity and sustainability of groundwater supplies. The application demonstrates collaboration by the local public agency with other local public agencies with regard to the management of the affected groundwater basin, notably through development of the GWMP. Information about the project will be disseminated to the public and stakeholders, agencies and other interested parties through the district’s website, Groundwater Committee meetings and workshops, and Board Meetings, which are all advertised and open to the public. The study will also be provided directly to USGS and the Santa Barbara County Water Agency. The nested monitoring well will become part of the District’s existing monitoring network and that monitoring is performed on a semi-annual basis at all network wells, and the data is presented in annual reports on the GWMP: “The District has made the commitment of funds and other resources to continue the data collection and maintain the status of the GWMP.”
- **Work Plan:** The criterion is addressed but is not thoroughly documented. The tasks are reasonable for completing the project. The application describes how they relate to supporting the GWMP and improved groundwater management. The administrative task (Task 2) includes budget tracking and project coordination. Task 6, Quarterly Reports, is another administrative task that will help with budget & schedule tracking. This redundancy provides a sufficient structure for evaluating progress and performance at each step of the proposed project. The proposal attachments include a letter of intent to allow ingress from the property owner where the well will be located. In addition, the administrative task includes working with the landowner to finalize a formal agreement. The application states that information will be disseminated to the public and stakeholders, agencies and other interested parties through the district’s website, Groundwater Committee meetings and workshops, and Board Meetings, which are all advertised and open to the public. The study will also be provided directly to USGS and the Santa Barbara County Water Agency. CEQA compliance and permitting are adequately described. The work plan is broken into the seven tasks, which are consistent with the project budget tasks. However, the schedule includes nine tasks, the tasks from the work plan in addition to, Contracting and Permitting, and Water Quality Testing.



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- **Budget:** The criterion is fully addressed with thorough and well-presented documentation. The budget is broken down by task, and includes details and assumptions that are realistic, documented, and cost effective in meeting the proposal's objectives. The applicant is requesting \$249,310 in grant funding with no cost share for the project. A fee summary table was provided that shows the breakdown of project costs, with hourly rates provided. Also included is a cost quotation from the drilling subcontractor, which includes the estimated screen depths that were described in the work plan. The budget tasks are consistent with the work plan. Administrative costs in Task 1, Project Administration and Task 6, Quarterly Reports total less than 5% of the total budget.
- **Schedule:** The criterion is not fully addressed and documentation is incomplete or insufficient. The duration and sequencing of the tasks seem unrealistic as follows. Task 1, Project Coordination, or "Administration" in the Work Plan, should continue throughout the project – the schedule shows it ending after two months. Task 7 is marked as Technical Advisory Committee Meetings but the row is blank. The start and end dates fall within the PSP designated time frame of two years. The Schedule indicates that the applicant will be ready to proceed when funding becomes available. There are two TAC meetings on the schedule for the duration of the project as marked by the blue diamonds.
- **QA/QC:** The criterion is fully addressed with thorough and well-presented documentation. The project will be overseen by members of a TAC, which include staff from CVWD as well as staff from their consulting firm. The TAC includes three licensed hydrogeologists and a professional engineer. The QA/QC program for water quality testing is described. Standardized methodologies such as well standards are included. The driller has a health and safety plan. Borehole logging is described in detail in Task 4 of the work plan.
- **Past Performance:** The criterion is marginally addressed and documentation is incomplete and insufficient. The application states that the two past LGA grants were completed on time and within budget. No supporting documentation was provided (e.g., past performance evaluations or letters from the project manager).