

## Attachment 7: Schedule

### County-Wide Groundwater Elevation Monitoring Program Local Groundwater Assistance Program Grant Application

A detailed schedule for each task needed to complete the project is provided in **Table 5**.

The line items in the schedule correlate with the tasks and sub-tasks identified in the Work Plan. However, the Project Management portion of the schedule is not described in the Work Plan. The Project Management area is intended for grant and contract administration purposes, showing when funding agreements will be executed, consultants hired, and when the project will be completed.

The effective date of the grant agreement is assumed to be **April 2013**, as indicated in the Proposal Solicitation Package. We anticipate completing the project by **July 2014**, allowing a little more than a year from start to completion.

Work from Task 1 feeds into the other tasks because it is an initial evaluation of the groundwater basins. Task 1.3 will involve extensive field work to identify potential well sites for groundwater elevation monitoring; therefore we anticipate Task 1 will take a few months to complete. Tasks 2 and 3 can begin simultaneously when Task 1 is nearing completion. We have allowed roughly 6 months for the completion of tasks 2 and 3 because individual monitoring reports will be prepared for each groundwater basin in the county. Task 4 outlines future monitoring and depends partially on work completed in Tasks 2 and 3; therefore, we anticipate it will not start until late 2013 and will be completed early 2014. Once Tasks 1 thru 4 are substantially complete, the consultant will conduct Task 5 to review the San Bernardino County Groundwater Ordinance.

**TABLE 5: PROJECT SCHEDULE**

	2012					2013												2014									
	J	A	S	O	N	D	J	F	M	A	M	J	J	A	S	O	N	D	J	F	M	A	M	J			
<b>PROJECT MANAGEMENT</b>																											
Submit Grant Application	█																										
Grant Agreement*							█	█	█	█																	
Release RFP/Hire Consultant							█	█	█	█	█	█	█	█	█	█	█	█									
Program Development										█	█	█	█	█	█	█	█	█									
Draft Reports																					█	█	█	█			
DWR Review & Final Reports																											
<b>TASKS</b>																											
<b>TASK 1: Evaluate Groundwater Basins Not Currently Monitored</b>																											
1.1: Evaluate existing CASGEM Coverage within SBC																											
1.2: Identify which Basins qualify for Alternate Monitoring and those that do not																											
1.3: Identify Wells as Candidates for Monitoring Including Well Site Recon as Appropriate																											
<b>TASK 2: Establish Monitoring Program for Basins with Water Use</b>																											
2.1: Identify, screen, and select wells in each (non-Alternate) basin for groundwater level measurements																											
2.2: Identify and coordinate with groundwater-using entities where possible to set up monitoring and data sharing agreements																											
2.3: Establish an efficient monitoring route and schedule appropriate for semiannual monitoring																											
<b>TASK 3: Alternate Monitoring Reports</b>																											
3.1: Perform data analysis and remote sensing methodologies to justify Alternate Basin Monitoring																											
3.2: Generate CASGEM-compliant reports, signed by a licensed professional geologist, for each Alternate Basin using an existing report format																											
3.3: Submit report for each Alternate Basin to DWR for approval																											
<b>TASK 4: Monitoring Plan</b>																											
4.1 Generate a comprehensive report detailing the CASGEM Monitoring Plan using an existing report format																											
4.2 Submit Monitoring Plan to DWR for approval																											
<b>TASK 5: Review the San Bernardino County Groundwater Ordinance</b>																											
5.1 Review the SBC Groundwater Ordinance and how it relates to CASGEM																											
5.2 Provide comments and suggestions to SBC on the Ordinance																											

\*Grant Agreement assumed to be effective beginning April, 2013

█ Activity Occurring