



July 10, 2023

Jenny Gant, Board Clerk
Sierra Valley Groundwater Management District (District)
PO Box 88
Chilcoot, CA 96105
sierravalleygmd@sbcglobal.net

**SUBJECT: PROPOSAL
GROUNDWATER SUSTAINABILITY PLAN (GSP) IMPLEMENTATION
TASKS—DWR MONITORING WELL LOCATION IDENTIFICATION &
RECHARGE PERMITTING**

Dear Ms. Gant:

Larry Walker Associates (LWA) with support from Daniel B. Stephens and Associates (DBS&A) seeks to assist the District with two tasks associated with GSP Implementation. This proposal provides the proposed scope of work, budget, and schedule associated with those efforts.

SCOPE OF WORK

The following tasks will be conducted to assist with identifying a new location for a monitoring well that will be drilled by DWR within their already approved Technical Support Services (TSS), and for initiating the consultation with the State Water Resources Control Board (SWRCB) to obtain the needed temporary permit(s) to facilitate implementation of the California Department of Fish and Wildlife (CDFW) funded groundwater recharge project in the Smithneck Creek area. The LWA team has experience with the process used to obtain temporary permits from the SWRCB through work in Siskiyou County and for Omochumne-Hartnell Water District in the Central Valley. Temporary permits are not water rights. Temporary permits are a conditional approval to divert and use available water that has not been claimed by a water right holder. Temporary permits are junior to all water rights and include terms and conditions that prohibit diversions in times of water shortage when the demands of other right holders may not be met.

Task 1. DWR Monitoring Well Location Identification

- A. The LWA team will coordinate with DWR and the District to select a new location for the TSS well. A potential location is in the Smithneck Creek area where a District recharge project will be implemented.
- B. The LWA team will analyze the geology developed for the GSP and highlight geological features in potential areas. This information will be used to select the exact location of the new well.
- C. The LWA team will work with DWR to define depths of the different components of the well.
- D. The LWA team will develop the landowner agreement and work with the landowner to finalize the agreement.

Task 2. Recharge Permitting

- A. The LWA team will initiate the necessary consultation with the SWRCB for the CDFW-funded recharge project in the Smithneck Creek area to obtain either a 180-day temporary diversion permit or the 5-year temporary water rights permit (i.e., streamlined diversion permit). The 180-day temporary permit for groundwater recharge may be appropriate for short-term projects where an urgent need exists. 180-day temporary permits expire within 180 days after the date of issuance. A 5-year temporary permit for groundwater recharge is a temporary authorization for local agencies to divert water to underground storage.
- B. The LWA team will gather and prepare all necessary temporary permit documentation and submit the application to the SWRCB.
- C. The LWA team will conduct an assessment of available flow data and projections of daily flows using the integrated hydrologic model developed for the GSP as part of the temporary permit processing.

Task 3. Meetings

LWA and DBS&A will participate in up to two (2) meetings with the District to present general findings and project status.

Task 4. Project Management

Laura Foglia, LWA, will be the project manager and provide overall project and subconsultant management, coordination for task assignments, and work closely with assigned task leads to ensure that the work meets overall project objectives and that it is completed on schedule and within budget.

BUDGET

Tasks 1 through 4 can be conducted for a cost not to exceed \$21,490 on a time and materials basis according to 2023 standard billing rates. An estimated cost breakdown by task is shown on page 3 of this proposal.

SCHEDULE

The LWA team can begin work as soon as given notice to proceed and anticipates the work under this proposal can be completed no later than September 30, 2023. Based on the LWA team's previous experience, it is critical to start these tasks in July and August 2023, and complete by September, to ensure that the monitoring well and recharge projects can be initiated for this wet season (Fall 2023/Winter 2024).

We look forward to continuing to work with the District. Please, feel free to contact me should you have questions or concerns.

Sincerely,



Laura Foglia
Vice President

**Sierra Valley Groundwater Management District
Cost Estimate**

Initial GSP Implementation Tasks

Task	Description	LWA Labor Hours					DBSA Hours			Total Hours	Total Costs	
		<i>Project Manager/ Vice President</i>	<i>Associate Engineer</i>	<i>Senior Scientist</i>	<i>Project Engineer BA</i>	<i>Contract Administrator</i>	<i>LWA total hours</i>	<i>Principal</i>	<i>Staff Professional III</i>			<i>DBSA total hours</i>
		\$322	\$305	\$253	\$235	\$145		\$317	\$160			
1	Well Relocation	8					8	2	20	22	30	\$6,410
2	Recharge Permitting	9	4	16	24		53		6	6	59	\$10,718
3	Meetings	4	2				6		4	4	10	\$2,538
4	Project Management		2			4	6	2		2	8	\$1,824
	TOTAL PROJECT COSTS	21	8	16	24	4	73	4	30	34	107	\$ 21,490