



*Daniel B. Stephens & Associates, Inc.*

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Jenny Gant  
Board Clerk  
Sierra Valley Groundwater Management District  
PO Box 88  
Chilcoat, CA 96105

Re: DMS Reporting Tool Quote

Dear Mrs. Gant:

Based on previous discussions and example tables provided to us, we estimate that adding a tool to the Sierra Valley GLA-Data SGMA DMS that automatically generates tables of water levels that are presented to the board of directors would require up to 14 staff-hours for a cost of up to \$3,500.

### **Scope of Services**

The tool would generate a Microsoft Excel file that would be downloaded to the user's computer. The file would contain four similar, specifically formatted (see attachments) tables in separate tabs that each contained the following information:

- Well name
- Location description
- DMS well ID number
- Established minimum threshold (or alternative reference if no minimum threshold established)
- Established measurable objective (if available)
- Water level data

Water level data, including minimum thresholds (or alternatives) and measureable objectives, will be presented as measured depth from the well's reference point, and absolute water level elevation reported as feet above mean sea level (ft amsl). Additionally, water levels will be presented as columns that represent the most recent 10 months of data or the water level for the reporting month over the last 10 years (if available). For wells that have established minimum threshold and measurable objectives, cells with water level data will be color coded according to the Sustainable Management Criteria (SMC) status methodology presented in the Sierra Valley GSP WY 2021 Annual Report (see attachments). Wells included in the table will come from pre-defined lists established by the user that are saved and modifiable within the DMS.

### **Cost Estimate**

A detailed budget for the proposed tasks is attached. We are offering to conduct this project on a time-and materials basis and we assume the scope-of-work is as described above. The attached cost proposal is an estimated budget based on present knowledge of the assignment that is believed sufficient to cover the services described, but no guarantee is made or implied.

Changes to the scope-of-work may require additional budget authorization. Only actual costs incurred will be charged if costs are less than estimated; estimated costs will not be exceeded without a cost amendment and prior approval by SVGMD Board of Directors or its appointee. Since DBS&A does not



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currently have a contract with SVGMD and given the relatively low cost estimate, we suggest SVGMD issue a purchase order (PO) not to exceed \$3,456.00.

### **Estimated schedule**

The reporting tool is anticipated to be available about 6 weeks after receiving authorization to proceed. The final reporting will be available about 2 weeks after receiving review comments from the SVGMD Board of Directors or its appointee.

We will plan to attend the SVGMD board meeting scheduled for October 17th to be available to answer any questions.

Sincerely,

Gus Tolley, PhD  
Hydrogeologist  
Daniel B. Stephens & Associates, Inc.

Tony Morgan, PG, CHG  
VP & Principal Hydrogeologist  
Daniel B. Stephens & Associates, Inc.

**Attachments:** Example table layouts (annual and monthly), SMC status methodology, cost estimate

## SVGMD Monthly Well Readings - September 2022

Well #	Location	RMP #	Minimum	Goal	December	January	February	March	April	May	June	July	August	September
MW 1s	Loyalton (Dotta)													
MW 1d	Loyalton (Dotta)													
MW 2s	Sierraville (Sanford)													
MW 2i	Sierraville (Sanford)													
MW 2d	Sierraville (Sanford)													
MW 3s	Sattley (Dobbas)													
MW 3i	Sattley (Dobbas)													
MW 3d	Sattley (Dobbas)													
MW 4s	Calpine (Bradley)													
MW 4i	Calpine (Bradley)													
MW 4d	Calpine (Bradley)													
MW 5s	Chilcoat (Potter)													
MW 5i	Chilcoat (Potter)													
MW 5d	Chilcoat (Potter)													
MW 6s	Beckwourth (FRLT)													
MW 6d	Beckwourth (FRLT)													
MW 7s	Dyson Lane (Roberti)													
MW 7i	Dyson Lane (Roberti)													
MW 7d	Dyson Lane (Roberti)													
W1	Dyson Lane (D&S)													
W2	Beckwourth (Murray)													
W3	Beckwourth (Williams)													
W5	Hwy 70 (D&S)													
W6	Chilcoat (Black)													
W8	Grizzly Golf													

Example only  
Final layout to be approved by SVGMD

## SVGMD Annual Well Readings - September

Well #	Location	RMP #	Minimum	Goal	2013	2014	2015	2016	2017	2018	2019	2020	2021	2022
MW 1s	Loyalton (Dotta)													
MW 1d	Loyalton (Dotta)													
MW 2s	Sierraville (Sanford)													
MW 2i	Sierraville (Sanford)													
MW 2d	Sierraville (Sanford)													
MW 3s	Sattley (Dobbas)													
MW 3i	Sattley (Dobbas)													
MW 3d	Sattley (Dobbas)													
MW 4s	Calpine (Bradley)													
MW 4i	Calpine (Bradley)													
MW 4d	Calpine (Bradley)													
MW 5s	Chilcoat (Potter)													
MW 5i	Chilcoat (Potter)													
MW 5d	Chilcoat (Potter)													
MW 6s	Beckwourth (FRLT)													
MW 6d	Beckwourth (FRLT)													
MW 7s	Dyson Lane (Roberti)													
MW 7i	Dyson Lane (Roberti)													
MW 7d	Dyson Lane (Roberti)													
W1	Dyson Lane (D&S)													
W2	Beckwourth (Murray)													
W3	Beckwourth (Williams)													
W5	Hwy 70 (D&S)													
W6	Chilcoat (Black)													
W8	Grizzly Golf													

Example only  
Final layout to be approved by SVGMD

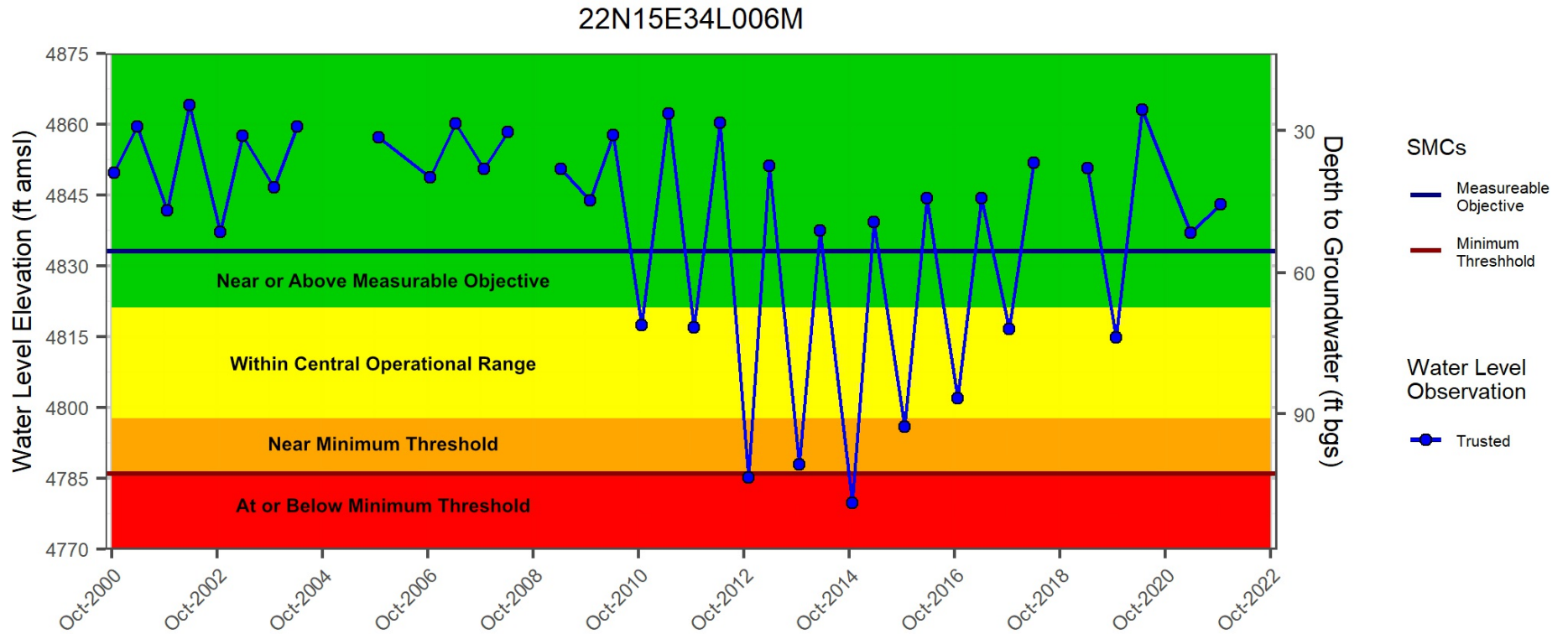


Figure 6



**Sierra Valley  
Groundwater  
Management District**

03/30/2022



Sierra Valley Annual Report WY 2021  
**Example SMC Status Categories**

<b>Cost Summary For Sierra Valley Groundwater Management District DMS Board Reporting Tool October 13, 2022</b>		
<b><i>Cost Summary by Task</i></b>		
<b>Task No.</b>	<b>Project Description</b>	<b>Cost</b>
1	Reporting Tool Development	\$ 3,456.00
<b>Total:</b>		<b>\$ 3,456.00</b>



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## Cost Estimate

Client Name: Sierra Valley Groundwater Management District  
Project Name: DMS Board Reporting Tool  
Project Number:  
Terms:

Date: October 13, 2022  
 Estimator: Gus Tolley  
 Project Manager: Gus Tolley  
 Reviewed by: Tony Morgan  
 Approved by: Tony Morgan

## Task 1 Reporting Tool Development

SERVICES	UNIT	UNIT FEE	QUANTITY	COST
Principal professional II	Hour	\$ 317.00		\$
Principal professional I	Hour	276.00		
Senior professional II	Hour	254.00	13	3,302.00
Senior professional I	Hour	227.00		
Project professional III	Hour	206.00		
Project professional II	Hour	187.00		
Project professional I	Hour	177.00		
Staff professional III	Hour	154.00	1	154.00
Staff professional II	Hour	142.00		
Staff professional I	Hour	132.00		
Managing technician	Hour	160.00		
Principal technician	Hour	142.00		
Technician IV	Hour	129.00		
Technician III	Hour	121.00		
Technician II	Hour	112.00		
Technician I	Hour	104.00		
GIS specialist	Hour	134.00		
CADD specialist	Hour	134.00		
CADD/GIS/database II	Hour	132.00		
CADD/GIS/database I	Hour	120.00		
Senior technical editor	Hour	140.00		
Technical editor	Hour	115.00		
Project assistant II	Hour	110.00		
Project assistant I	Hour	99.00		
Biologist II	Hour	118.00		
Biologist I	Hour	110.00		
<b>Subtotal:</b>			<b>14</b>	<b>\$ 3,456.00</b>

EXPENSES	MARKUP	UNIT	UNIT FEE	QUANTITY	COST
			\$		\$
Subtotal:					\$ 0.00
Total Direct Cost					3,456.00
Markup on third party services					0.00
TASK 1 TOTAL					\$ 3,456.00

NOTES: