

## Proposal Full View

Applicant Information				
<b>Organization Name*</b>	Zone 7 Water Agency (BMS)			
<b>Point Of Contact</b>	<b>First Name:*</b>	Matthew	<b>Last Name:*</b>	Katen
	<b>Email:*</b>	groundwater@zone7water.com		
	<b>Division Name:</b>		<b>Phone:*</b>	(925) 4545071 Ext:
	<b>Address Line 1:*</b>	100 N Canyons Parkway	<b>Address Line 2:</b>	
	<b>City:*</b>	Livermore	<b>State:*</b>	California
	<b>Zip:*</b>	94551		
<b>Point Of Contact Position Title*</b>	Groundwater Section Manager			
<b>Proposal Name*</b>	Five-Year Update: 2022 Alternative Groundwater Sustainability Plan for Livermore Valley Groundwater Basin			
<b>Proposal Objective*</b>	<p>The Project objective is to prepare the 2022 Five-Year Update of the Alternative GSP for the Livermore Valley Groundwater Basin. This will be the first update in a series of 5-year reports to support ongoing sustainable groundwater management by Zone 7 Water Agency. This first update will build on the 2016 Alternative GSP and subsequent Annual Reports and it will address recommendations provided by DWR in its July 2019 Alternative Assessment Staff Report. In the Staff Report, DWR provided four recommended actions to Zone 7 for consideration in the Five-Year Update. In brief, these address specification of minimum thresholds for groundwater levels, development of quantitative minimum thresholds for groundwater levels in Fringe and Upland Management Areas (MAs), development of quantitative minimum thresholds for groundwater storage in Fringe and Upland MAs, and definition of additional groundwater level monitoring locations in Upland MAs. In addition, this Update will address specific needs for data and analysis identified by Zone 7 staff and now-available information that can be used to identify GDEs. This Update will be responsive to GSP Regulations §356.4. It will describe how Alternative GSP implementation (including implementation of projects and management actions) is meeting the sustainability goal of the Livermore Valley Groundwater Basin. The Update will describe current conditions briefly as context but mostly to identify new information, to address newly-identified data gaps (and what to do about them), to discuss changed conditions, to consider if changes are needed for any aspect of the GSP (including sustainability criteria), to describe recent management actions and GSP amendments, and to summarize current coordination among local agencies, including land use planning agencies. Consistent with SGMA and Zone 7 practice, the Update process will be transparent (including development of a communication plan and new webpage) and will be completed on time.</p>			

Budget Information	
<b>Other Contribution</b>	\$0.00
<b>Local Contribution</b>	\$166,500.00
<b>Federal Contribution</b>	\$0.00
<b>Inkind Contribution</b>	\$0.00
<b>Amount Requested*</b>	\$500,000.00
<b>Total Proposal Cost*</b>	\$666,500.00

Geographic Information						
<b>Latitude*</b>	<b>DD(+/-):</b>	37	<b>MM:</b>	41	<b>SS:</b>	4
<b>Longitude*</b>	<b>DD(+/-):</b>	-121	<b>MM:</b>	50	<b>SS:</b>	49
<b>Longitude/Latitude Clarification</b>	WGS 1984					
<b>Location</b>	Livermore Valley, CA					
<b>County*</b>	Alameda					
<b>Ground Water Basin</b>	2-010 Livermore Valley					
<b>Hydrologic Region</b>	San Francisco Bay					
<b>Watershed</b>	South Bay (Unique Watershed No 18 RBU2204)					

Legislative Information	
<b>Assembly District*</b>	16th Assembly District
<b>Senate District*</b>	7th Senate District
<b>US Congressional District*</b>	District 15 (CA)

## Project Information

<b>Project Name: Five-Year Update: 2022 Alternative Groundwater Sustainability Plan for Livermore Valley Groundwater Basin</b>	
<b>Implementing Organization</b>	Zone 7 Water Agency (BMS)
<b>Secondary Implementing Organization</b>	

<b>Proposed Start Date</b>	4/1/2020
<b>Proposed End Date</b>	4/1/2022
<b>Scope Of Work</b>	<p>The scope includes evaluating the effectiveness and updating, as necessary, the following programs already established in the Alternative GSP, along with Grant Administration and Outreach:</p> <ul style="list-style-type: none"> <li>• Groundwater Level Program</li> <li>• Groundwater Storage Program</li> <li>• Groundwater Quality Program</li> <li>• Land Subsidence Program</li> <li>• Surface Water–Groundwater Interaction/GDE Program</li> </ul> <p>The Project will be summarized in the Five-Year Alternative GSP Update report and submitted to DWR.</p>
<b>Project Description</b>	<p>The three major elements of the Project are Grant Administration, Stakeholder Engagement/Outreach, and Alternative GSP Update.</p> <p>Zone 7 Water Agency will serve as the grantee and administer the funds consistent with DWR's progress reporting and compliance requirements; Grant Administration will ensure that the project proceeds as planned.</p> <p>Stakeholder Engagement/Outreach continues Zone 7 outreach and involvement with the public, stakeholders and other agencies in its groundwater management planning and programs This Project includes development of a communication plan and a new webpage for provision of information, updates, and reports. This Project also continues information sharing and collaboration among agencies, private organizations (including mining companies), local groundwater users (domestic well owners, agricultural irrigators, etc.), and the community. It includes presentations at public meetings that provide a forum for stakeholder involvement.</p> <p>In preparing the Update, Zone 7 will be responsive to GSP Regulations and will address the DWR recommendations, recommendations concerning GDEs, and need for data and analysis identified by Zone 7 staff. While the recommendations and data needs involve an array of topics, Zone 7 has developed a scope that addresses the five relevant sustainability criteria (e.g., groundwater levels, storage, quality, subsidence, and connected surface water/GDEs) and provides improved monitoring, data analysis, and definition of minimum thresholds. It builds on and extends the 2016 Alternative GSP and provides an evaluation of how well the Alternative GSP implementation is meeting the sustainability goal of the Livermore Valley Groundwater Basin. This Update will focus on new issues and major changes and revisions, and consistent with DWR recommendations, will include specific efforts directed toward Fringe and Upland Management Areas.</p>
<b>Project Objective</b>	<p>The objective of this Project is to prepare a Five-Year Update for the 2016 Alternative GSP that addresses recommended actions, complies with GSP Regulations, and supports Zone 7 Water Agency's continuing management of the Livermore Valley Groundwater Basin to meet its sustainability goal.</p>

#### Project Benefits Information

No records found.

#### Budget Information

<b>Other Contribution</b>	\$0.00
<b>Local Contribution</b>	\$166,500.00
<b>Federal Contribution</b>	\$0.00
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<b>Amount Requested*</b>	\$500,000.00
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<b>Senate District*</b>	7th Senate District
<b>US Congressional District*</b>	District 15 (CA)

## Section : Questions

### Q1. Project Description:

Provide a brief abstract of the proposal. This abstract must provide an overview of the proposal including the main issues and priorities addressed in the proposal. (25 words or less)\*

This Project is to prepare the 2022 Five-Year Update of the Alternative GSP that is responsive to GSP requirements and supports sustainable groundwater management.

**Q2. Previous Funding:**

**Has the applicant received prior funding through the Proposition 1 SGWP Round 2 grant?\***

- a)  Yes  
b)  No

**If so, how much funds did the applicant receive?**

**Q3. Project Representative:**

**Provide the name and details of the person responsible for signing and executing the grant agreement for the applicant. Persons that are subcontractors to be paid by the grant cannot be listed as the Project Representative. Other entities included in the GSA can be listed here.\***

Valerie Pryor, General Manager or designee

**Q4. Project Manager:**

**Provide the name, title, and contact information of the Project Manager from the applicant agency or organization that will be the day-to-day contact on this application.\***

Matthew Katen, PG, CHg, Groundwater Section Manager

**Q5. Eligibility:**

**Has the applicant met the requirements of DWR's CASGEM Program?\***

- a)  Yes  
b)  No

**Q6.1. Eligibility:**

**Is the applicant an agricultural water supplier?\***

- a)  Yes  
b)  No

**Q6.1.a Eligibility:**

**If yes, has the applicant submitted a complete Agricultural Water Management Plan (AWMP) to DWR?**

- a)  Yes  
b)  No

**Q6.1.b Eligibility:**

**If yes, has the AWMP been verified as complete by DWR?**

- a)  Yes  
b)  No

**Q6.1.c Eligibility:**

**If the AWMP has not been submitted, explain and provide the anticipated submittal date.**

Because Zone 7 does not serve more than 25,000 irrigated acres, an AWMP is not required. However, Zone 7 does complete the 'Agricultural Aggregated Farm-Gate Delivery Reporting Form'. A copy is included in Attachment 2 Eligibility.

**Q7.1. Eligibility:**

**Is the applicant an urban water supplier?\***

- a)  Yes

b)  No

**Q7.1.a Eligibility:**

**If yes, has the applicant submitted a complete Urban Water Management Plan (UWMP) to DWR?**

a)  Yes

b)  No

**Q7.1.b Eligibility:**

**If yes, has the UWMP been verified as complete by DWR?**

a)  Yes

b)  No

**Q7.1.c Eligibility:**

**If the UWMP has not been submitted, explain and provide the anticipated date for submittal.**

**Q8.1 Eligibility:**

**Is the applicant a surface water diverter?\***

a)  Yes

b)  No

**Q8.1.a Eligibility:**

**If yes, has the applicant submitted to the SWRCB their surface water diversion reports in compliance with requirements outlined in Part 5.1 (commencing with §5100) of Division 2 of the Water Code?**

a)  Yes

b)  No

**Q8.1.b Eligibility:**

**If the reports have not been submitted, explain and provide the anticipated date for meeting the requirements.**

**Q9. Eligibility:**

**Does the proposal include any of the following activities:**

- 1.) The potential to adversely impact a wild and scenic river or any river afforded protection under the California or Federal Wild and Scenic Rivers Act
- 2.) Acquisition of land through eminent domain
- 3.) Design, construction, operation, mitigation, or maintenance of Delta conveyance facilities
- 4.) Acquisition of water except for projects that will provide fisheries or ecosystem benefits or improvements that are greater than required currently applicable environmental mitigation measures or compliance obligations
- 5.) Pay any share of the costs of remediation recovered from parties responsible for the contamination of a groundwater storage aquifer
- 6.) Projects or groundwater planning activities associated with adjudicated groundwater basins.

**If yes, the project is not eligible for grant funding.\***

a)  Yes (not eligible for grant funding)

b)  No

**Q10. Eligibility: Consistency with California SB 985– Stormwater Resource Planning Act:**

**To satisfy SB 985 requirements, stormwater and dry weather capture project must be listed in a SWRP that is consistent with the relevant code provisions enacted by SB 985 (Water Code §10562 (b)(7)) as determined by the SWRCB.**

a)  This Project is Consistent

**Q11. DA Cost Share Waiver or Reduction:**

Are you applying for cost share waiver or reduction as a DA? Fill out Attachment 6 – DAC, SDAC, and/or EDA, as appropriate.\*

- a)  Yes; See Attachment 6
- b)  No

**Q12. Certification:**

By submitting the application, the Project Director is certifying that:

- a) The applicant is an eligible entity;
- b) He/She is aware that any attachment exceeding the page limit listed in the attachment templates will not be reviewed;
- c) He/She is aware that, once the proposal is submitted in GRanTS, any privacy rights and other confidentiality protections offered by law with respect to the application package and project location are waived; and
- d) He/She has read and agrees to all of the Terms and Conditions of the grant agreement.\*

- a)  Yes (Certified)
- b)  No

**Section : Climate Risk in Investments**

**Climate Risk in Investment**

**Q13: Does the organization have a strategic business plan?**

- a)  Yes
- b)  No

**If Yes, please submit a copy.**

Last Uploaded Attachments: Zone7\_strategic\_plan\_2019.pdf

**Q14: Has the organization conducted a climate change vulnerability assessment?**

- a)  Yes
- b)  No

**If Yes, please submit a copy.**

**Q15: Does the organization have a main contact person for climate change?**

- a)  Yes
- b)  No

**If Yes, to what position in the origination does that person report?**

**Q16: Has the organization considered the risk of climate change in its capital reserves and investments? (Open ended; one-three paragraphs, with specific examples, should suffice).**

Zone 7 considers risks from climate change in its capital reserves and investments. Zone 7 has invested in the Delta Conveyance project formerly known as California WaterFix, and has maintained that the project “is critical to protecting and restoring the Tri-Valley’s water supply reliability by upgrading aging infrastructure thereby reducing the [State Water Project’s] vulnerability to ... climate change impacts...”

The latest Water Supply Capital Improvement Plan contains funding for Water Supply Planning and Projects, which covers planning efforts to improve long-term water supply reliability, where climate change is a risk factor. The projects being considered include—but are not limited to—desalination and potable reuse, and their expected benefits include providing more local and drought-resistant supplies of water.

The latest Water Supply Evaluation Update explicitly accounts for projected negative climate change impacts to Zone 7’s existing water supplies from the State Water Project and the Arroyo Valle. The results from this evaluation have informed decisions by the Board of Directors to pursue various water supply reliability improvement options.

## Section : Attachments

### **Attachment 1: Authorizing Documentation (e.g. resolution)**

**Upload Authorizing Documentation here. The Attachment is mandatory.\***

Last Uploaded Attachments: Att1\_SGM\_AuthDoc\_1of1.pdf

### **Attachment 2: Eligibility Applicant Documentation**

**Upload Eligibility Applicant Documentation here. The attachment is mandatory.\***

Last Uploaded Attachments:

Att2\_SGM\_EligDoc\_1of5.pdf, Att2\_SGM\_EligDoc\_2of5.pdf, Att2\_SGM\_EligDoc\_3of5.pdf, Att2\_SGM\_EligDoc\_4of5.pdf, Att2\_SGM\_EligDoc\_5of5.pdf

### **Attachment 3: Work Plan**

**Upload Work Plan here. (Applicant MUST use supplied template) The attachment is mandatory.\***

Last Uploaded Attachments: Att3\_SGM\_WrkPlan\_1of2.pdf, Att3\_SGM\_WrkPlan\_2of2.pdf

### **Attachment 4: Budget**

**Upload Budget here. (Applicant MUST use supplied template) The attachment is mandatory.\***

Last Uploaded Attachments: Att4\_SGM\_Budget\_1of1.pdf

### **Attachment 5: Schedule**

**Upload Schedule here. (Applicant MUST use supplied template) The attachment is mandatory.\***

Last Uploaded Attachments: Att5\_SGM\_Schedule\_1of1.pdf

### **Attachment 6: SDAC, DAC, and/or EDA**

**Upload SDAC, DAC, and/or EDA (as applicable) here.**