



**BOARD OF DIRECTORS  
SAN LORENZO VALLEY WATER DISTRICT  
AGENDA  
JANUARY 16, 2020**

**MISSION STATEMENT:** Our Mission is to provide our customers and future generations with reliable, safe and high quality water at an equitable price; to create and maintain outstanding service and community relations; to manage and protect the environmental health of the aquifers and watersheds; and to ensure the fiscal vitality of the San Lorenzo Valley Water District.

Notice is hereby given that a meeting of the Board of Directors of the San Lorenzo Valley Water District will be held on **Thursday, January 16, 2020 at 5:30 p.m.**, SLVWD, 13057 Highway 9, Boulder Creek, CA 95006.

*In compliance with the requirements of Title II of the American Disabilities Act of 1990, the San Lorenzo Valley Water District requests that any person in need of any type of special equipment, assistance or accommodation(s) in order to communicate at the District's Public Meeting can contact the District Secretary's Office at (831) 430-4636 a minimum of 72 hours prior to the scheduled meeting.*

*Agenda documents, including materials related to an item on this agenda submitted to the Board of Directors after distribution of the agenda packet, are available for public inspection and may be reviewed at the office of the District Secretary, 13060 Highway 9, Boulder Creek, CA 95006 during normal business hours. Such documents are also available on the District website at [www.slvwd.com](http://www.slvwd.com) subject to staff's ability to post the documents before the meeting.*

**1. Convene Meeting/Roll Call**

**2. Additions and Deletions to Closed Session Agenda:**

*Additions to the Agenda, if any, may only be made in accordance with California Government Code Section 54954.2 (Ralph M. Brown Act) which includes, but is not limited to, additions for which the need to take action is declared to have arisen after the agenda was posted, as determined by a two-thirds vote of the Board of Directors (or if less than two-thirds of the members are present, a unanimous vote of those members present).*

**3. Oral Communications Regarding Items in Closed Session:**

*This portion of the agenda is reserved for Oral Communications by the public for items which are on the Closed Session portion of the Agenda. Any person may address the Board of Directors at this time, on Closed Session items. Normally, presentations must not exceed five (5) minutes in length, and individuals may only speak once during Oral Communications. No actions may be taken by the Board of Directors on any Oral Communications presented; however, the Board of Directors may request that the matter be placed on a future agenda. Please state your name and town/city of residence at the beginning of your statement for the record.*

4. Adjournment to Closed Session

*At any time during the regular session, the Board may adjourn to Closed Session in compliance with, and as authorized by, California Government Code Section 54956.9 and Brown Act, Government Code Section 54950. Members of the public will be given the opportunity to address any scheduled item prior to adjourning to closed session.*

- a. CONFERENCE WITH REAL PROPERTY NEGOTIATORS  
Property: APN 078-233-05, located along Scenic Way in Ben Lomond  
Agency negotiator: Rick Rogers, District Manager and Gina Nicholls, District Counsel  
Negotiating party: Nick Naccari  
Under negotiation: Price and terms of payment
- b. PUBLIC EMPLOYEE ANNUAL PERFORMANCE EVALUATION  
Government Code Section 54957  
Title: District Manager

Closed Session Note:

**The Brown Act prohibits the disclosure of confidential information acquired in a closed session by any person present and offers various remedies to address willful breaches of confidentiality. These include injunctive relief, disciplinary action against an employee, and referral of a member of the legislative body to the grand jury. It is incumbent upon all those attending lawful closed sessions to protect the confidentiality of those discussions. Only the legislative body acting as a body may agree to divulge confidential closed session information; regarding attorney/client privileged communications, the entire body is the holder of the privilege and only a majority vote of the entire body can authorize the waive of the privilege.**

5. Convene to Open Session at 6:30 p.m.

6. Report of Actions Taken in Closed Session

7. Roll Call (Open Session):

8. Additions and Deletions to Open Session:

*Additions to the Agenda, if any, may only be made in accordance with California Government Code Section 54954.2 (Ralph M. Brown Act) which includes, but is not limited to, additions for which the need to take action is declared to have arisen after the agenda was posted, as determined by a two-thirds vote of the Board of Directors (or if less than two-thirds of the members are present, a unanimous vote of those members present).*

9. Oral Communications:

*This portion of the agenda is reserved for Oral Communications by the public for items which are not on the agenda. Please understand that California law (The Brown Act) limits what the Board can do regarding issues raised during Oral Communication. No action or discussion may occur on issues outside of those already listed on today's agenda.*

*Any person may address the Board of Directors at this time, on any subject that lies within the jurisdiction of the District. Normally, communication must not exceed five (5) minutes in length, and individuals may only speak once during Oral Communications.*

*Any Director may request that a matter raised during Oral Communication be placed on a future agenda.*

10. Unfinished Business:

*Members of the public will be given the opportunity to address each scheduled item prior to Board deliberations. The Chairperson of the Board may establish a time limit for members of the public to address the Board on agendum.*

- a. DISTRICT LOGO  
Discussion and possible action by the Board regarding the possible change of the District Logo.

11. New Business:

*Members of the public will be given the opportunity to address each scheduled item prior to Board deliberations. The Chairperson of the Board may establish a time limit for members of the public to address the Board on agenda items.*

- a. INFORMATIONAL STUDY SESSION - SANTA MARGARITA GROUNDWATER AGENCY (SMGWA)  
Information, questions & answers, and discussion by the Board, staff and public facilitated by John Fio, District Hydrogeologist.

12. Adjournment

**Certification of Posting**

I hereby certify that on January 10, 2020 I posted a copy of the foregoing agenda in the outside display case at the District Office, 13060 Highway 9, Boulder Creek, California, said time being at least 72 hours in advance of the meeting of the Board of Directors of the San Lorenzo Valley Water District (Government Code Section 54954.2).

Executed at Boulder Creek, California on January 10, 2020.

\_\_\_\_\_  
Holly Hossack, District Secretary

MEMO

To: Board of Directors  
From: District Manager  
Subject: District Logo  
Date: January 16, 2020

Recommendation:

It is recommended the Board review the results of the District Logo survey and select a logo for staff to move forward with. Staff will then work with the consultant on fine tuning colors and lettering.

Background

The existing District logo was from a drawing contest held amongst employees in 1977. The Board reviewed the 3 logos that were submitted and chose one for staff to move forward with for fine tuning.

Currently, the District is in the process of implementing a new website. It was suggested that a new, vector file, logo be considered as part of this process. The District Manager directed staff to find suitable consultants. A local consultant was selected for the logo design for \$900. There were many designs the consultant created that staff reviewed. From the review, there were 11 refined versions presented to the Board. The Board selected 4 designs for staff to go to the public for input.

New logo implementation will be as cost effective as possible and phase in as new letter head, envelopes etc. are needed.

There was a direct e-newsletter sent to customer's, posted on District website and multiple Facebook posts.

The survey was open from 12/19/19 to 1/10/20, below are the results:

We were able to identify 348 votes came from people subscribed to the e-newsletter and 90 from Facebook. The remainder were likely from our website or the link being shared.

A total of 677 votes were counted.

**#1 - 284 / 42%      #2 - 124 / 18%      #3 - 39 / 6%      #4 - 230 / 34%**



284



SAN LORENZO VALLEY  
WATER DISTRICT

SAN LORENZO VALLEY  
WATER DISTRICT



124



SAN  
LORENZO  
VALLEY  
WATER DISTRICT

SAN  
LORENZO  
VALLEY  
WATER DISTRICT



39



SAN LORENZO VALLEY  
WATER DISTRICT

SAN LORENZO VALLEY  
WATER DISTRICT



230



PRELIMINARY – for discussion purposes only

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# SUSTAINABLE GROUNDWATER MANAGEMENT ACT ("SGMA")

16 JANUARY 2020

SAN LORENZO VALLEY WATER DISTRICT

## WHAT IS SGMA? (1 OF 3)

What is its purpose? What is the point?

**Severe 2012-2016 drought highlighted groundwater overdraft in CA.**

- The Sustainable Groundwater Management Act (SGMA) was passed by California Legislature in 2014.
- Effective January, 2015.
- First comprehensive framework for groundwater management in California.
- Preserves local control, management, and accountability of groundwater in each basin.

# WHAT IS SGMA? (2 OF 3)

## What is required?

SGMA requires Groundwater Sustainability Agencies (GSAs) to develop and implement Groundwater Sustainability Plans (GSPs)

- GSAs are the local public agencies tasked with developing and implementing (GSPs) under SGMA.
- GSPs are detailed road maps for how groundwater basins will reach long term sustainability.
- Sustainability is defined as an avoidance of Undesirable Results (URs) due to groundwater conditions occurring throughout the basin.
- URs are significant and unreasonable effects caused by basin groundwater conditions as measured by six Sustainability Indicators (SIs).

### Sustainability Indicators



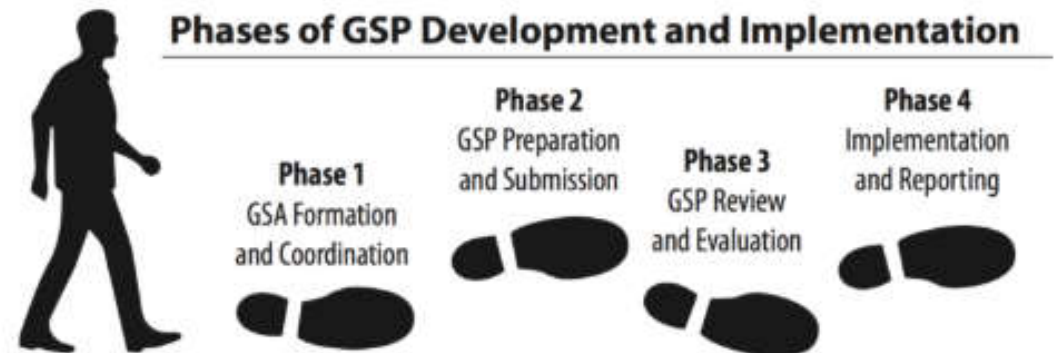


## WHAT IS SGMA? (3 OF 3)

### Who does it apply to?

#### High and medium priority designated basins

- Development of GSPs by **2020/2022** with updates every five years thereafter.
- Sustainable management of entire basins and avoidance of “URs” by **2040/2042.**
- Maintain sustainability through **2070/2072**



# DOES SGMA APPLY TO THE SANTA MARGARITA GROUNDWATER BASIN? (1 OF 3)

## DWR inventoried and ranked California's Groundwater basins



The California Department of Water Resources (DWR) ranks groundwater basin priority into high, medium, low and very low by considering eight main factors:

1. Population	5. Irrigated Acreage
2. Projected Growth	6. Groundwater Reliance
3. Public Supply Wells	7. Groundwater Impacts
4. Total Supply Wells	8. Habitat / Other

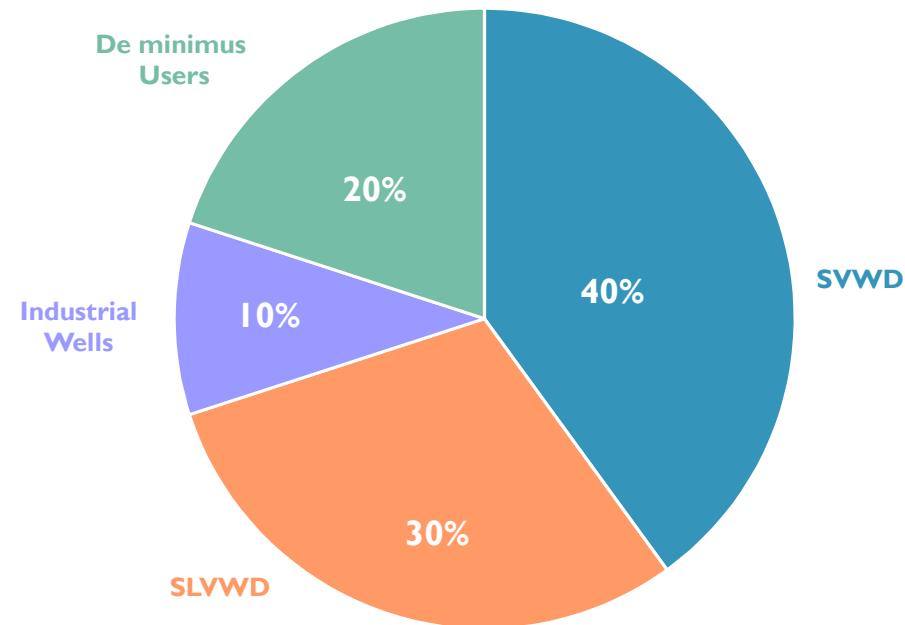
# DOES SGMA APPLY TO THE SANTA MARGARITA GROUNDWATER BASIN (2 OF 3)

“Medium Priority” Basin primarily due to the number of wells and reliance on groundwater.

## DWR Score: 16.5<sup>a</sup>

1. Population Score: 2	5. Irrigated Acreage Score: 0
2. Projected Growth Score: 0	<b>6. Groundwater Reliance Score: 3.5</b>
<b>3. Public Supply Wells Score: 4</b>	7. Groundwater Impacts Score: 2
<b>4. Total Supply Wells Score: 5</b>	8. Habitat / Other Score: 0

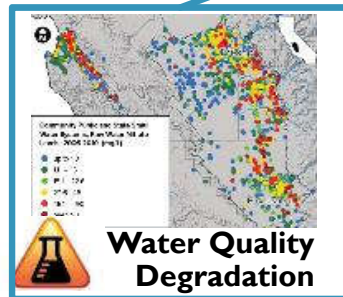
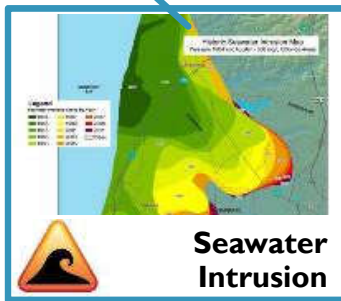
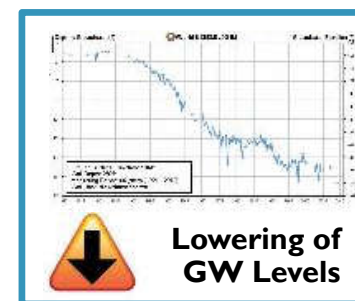
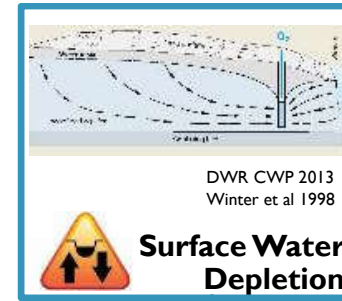
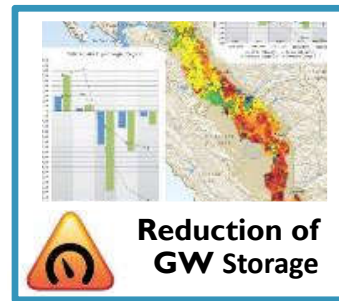
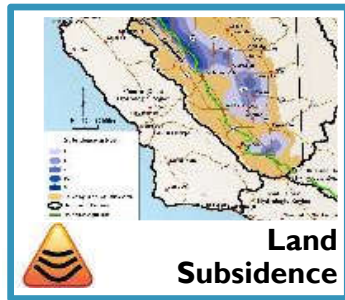
Diverse group of water use sectors rely on groundwater for water supply



(a) Medium: combined score greater than 14 but less than 40

# DOES SGMA APPLY TO THE SANTA MARGARITA GROUNDWATER BASIN (SMGB) (3 OF 3)

## URs associated with declining groundwater levels



Surface Water Depletion, Lowering of GW Levels and Reduction of GW Storage can affect water supply and Groundwater Dependent Ecosystems (GDEs).

- 55% of SLVWD supply is diverted surface flows from creeks and springs.
- 45% of SLVWD supply is extracted groundwater.

# WHAT IF THE SANTA MARGARITA GROUNDWATER BASIN DOESN'T COMPLY<sup>(1 OF 2)</sup>

## In cases of failure, SGMA authorizes State Water Board intervention

When groundwater users and local agencies fail to form a GSA, develop an adequate GSP, or successfully implement the GSP, SGMA authorizes State Water Board intervention and:

- Create an “Interim Plan.”
- Require extractors in the basin:
  - Install meters
  - Measure and report all groundwater extractions
  - Conduct investigations and gather data
  - Pay Fees to cover the cost of Board activities

# WHAT IF THE SANTA MARGARITA GROUNDWATER BASIN DOESN'T COMPLY (2 OF 2)

## Fiscal implications for failing to develop or implement plan (a)

Any person who extracts groundwater from an unmanaged area or probationary basin must file a groundwater extraction report with the State Water Board each year.

### 2018 ANNUAL GROUNDWATER EXTRACTION REPORTING FEES

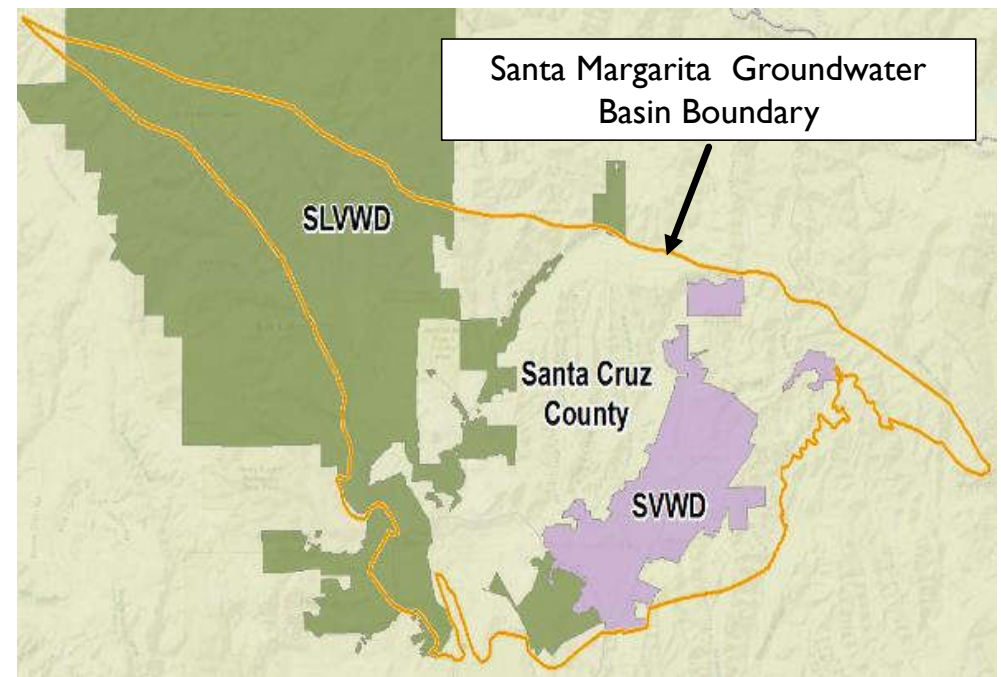
Category	Annual Fee	Unit	Applicable Parties
Basin Filing Fee	\$300	Well	All extractors required to report.
Unmanaged Area Rate	\$10 metered	AF	Extractors in unmanaged areas.
	\$25 unmetered		
Probationary Basin Rate	\$40	AF	Extractors in probationary basins.
Interim Plan Rate	\$55	AF	Extractors in basins where interim plan is required.
De minimis Fee <sup>(b)</sup>	\$100	Well	Parties that extract, for domestic purposes, two acre-feet or less per year as defined by Board.
Late Fee	25%	total fee per month late	Extractors that do not file reports by the due date.

(a) 2018 State Intervention Fees: [http://www.waterboards.ca.gov/water\\_issues/programs/gmp/fees.html](http://www.waterboards.ca.gov/water_issues/programs/gmp/fees.html)

# HOW DID SLVWD BECOME PART OF THE SANTA MARGARITA GROUNDWATER AGENCY (SMGWA)?

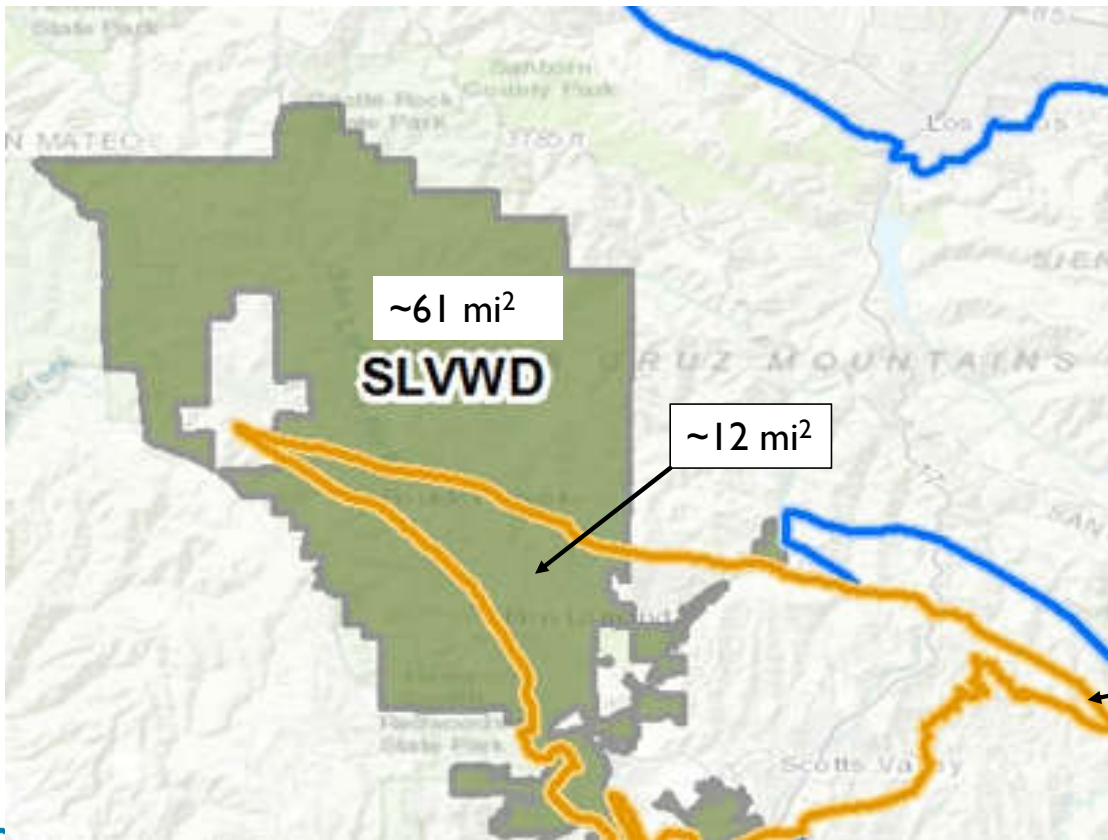
**SMGWA is the exclusive GSA in the Santa Margarita Groundwater Basin and responsible for the GSP**

- SMGWA formed by JPA June 1, 2017
  - Scotts Valley Water District (SVWD)
  - San Lorenzo Valley Water District (SLVWD)
  - County of Santa Cruz
- GSA Board includes: SVWD, SLVWD, County of Santa Cruz, City of Scotts Valley, City of Santa Cruz, Mt. Hermon Association CWS, private well owners
- SMGWA GSP is planned to be submitted by 2022



## QUESTIONS (1 OF 5)

**“HOW MUCH OF SLVWD IS IN SANTA MARGARITA GROUNDWATER BASIN (% AND SQUARE MILES)?”**



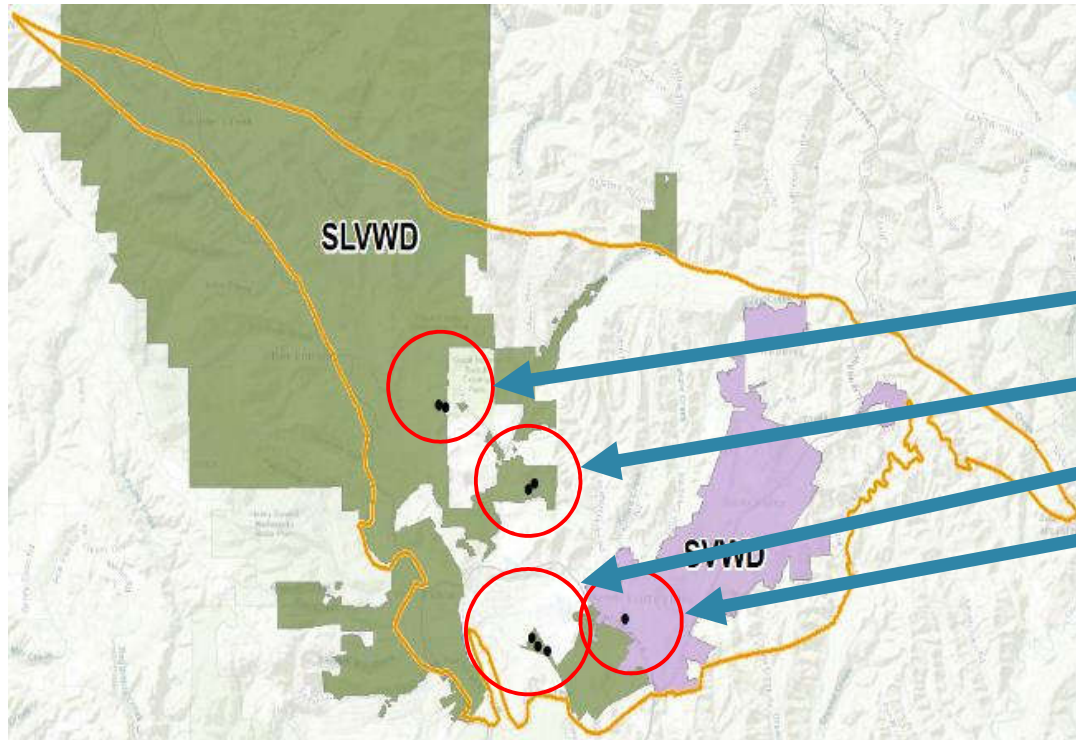
The Santa Margarita Groundwater Basin has an area of approximately 35 square miles, and about 35% of the basin area (12 square miles) is covered by SLVWD.

~12 mi<sup>2</sup> Santa Margarita Groundwater Basin



## QUESTIONS (2 OF 5)

**“WHERE ARE SLVWD’S WELLS LOCATED; ARE ALL SLVWD WELLS LOCATED IN SANTA MARGARITA GROUNDWATER BASIN?”**



Historical District wells all located within Santa Margarita Groundwater Basin (some inactive).

Quail Hollow wells 4A and 5A (QH-4A & -5A)

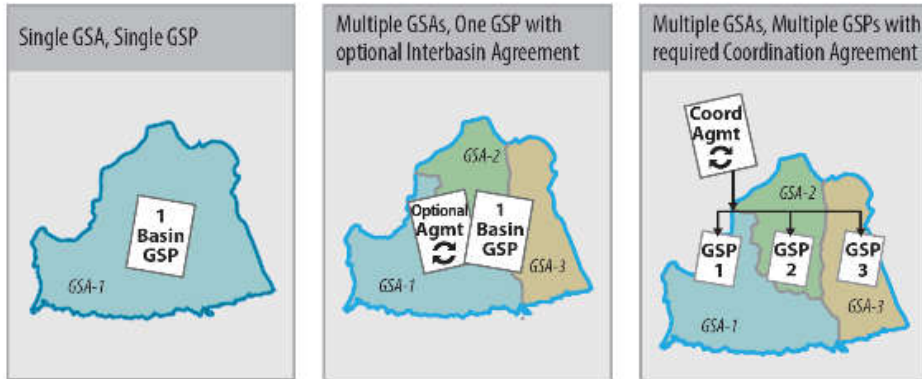
Olympia wells 2 and 3 (Oly-2 & -3)

Pasatiempo wells 5A, 6 and 7 (Paso-5A, -6 & -7)

Mañana Woods well 2 (MWd-2)

# QUESTIONS

## (3 OF 5)



From: DWR (2016) Groundwater Sustainability Plan (GSP) Emergency Regulations Guide

**Can SLVWD revert back to low priority as it was originally before the Dec 2015 petition for boundary change?**

DWR ranks the basin, not the local agencies (e.g., SLVWD). SGMA requires DWR reassess basin prioritization anytime DWR updates Bulletin 118 basin boundaries. *“Those Basin Prioritizations now are static and will remain so for some time” – DWR SGMA Workshop (1/9/2020).*

**Can SLVWD submit an independent Alternative to the GSP, as the State allows when there are historical records showing sustainable yields in groundwater?**

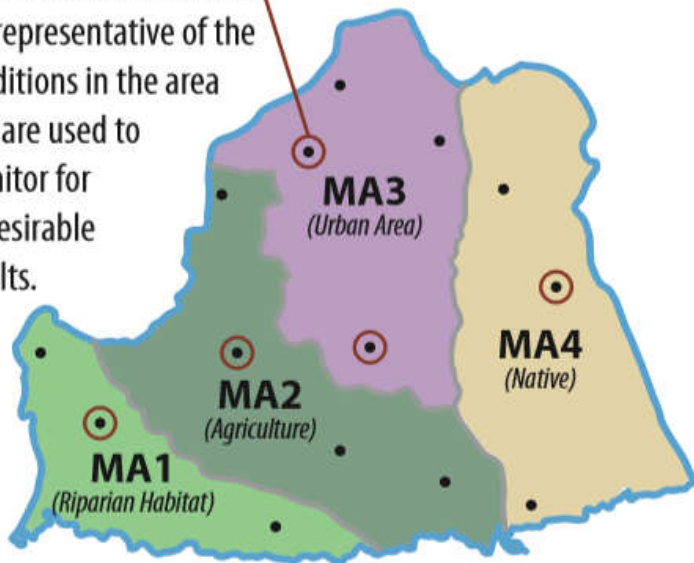
A Plan (Alternative or GSP) is required to show sustainability for the entire basin, not just a subarea. If there are multiple GSAs in a basin, they can have a single GSP with a Coordination Agreement (optional), or separate GSPs with a Coordination Agreement (required).

# QUESTIONS

## (4 OF 5)

**Management Areas (MA)** are designated when a GSA has determined the area will benefit from site-specific conditions of water demand, use, source, management, or other characteristics.

**Representative Wells** are representative of the conditions in the area and are used to monitor for undesirable results.



### What are Management Areas?

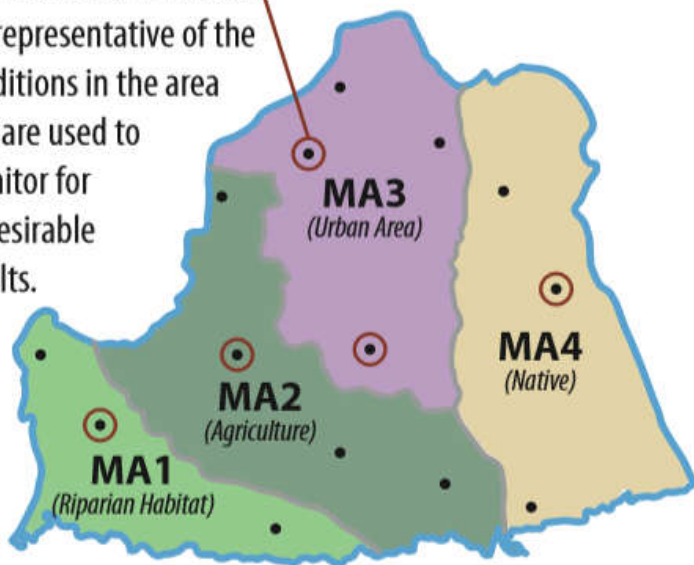
- Management Areas can be defined based on various factors:
  - Water use sector (urban vs. rural, irrigated vs. nonirrigated, etc.)
  - Water source(s) (groundwater vs. surface water, local runoff vs. imported water, etc.)
  - Physical conditions (geology, aquifer characteristics, etc.)
  - Jurisdictional boundaries (GSAs, counties, cities, water districts, etc.)
- Critical items, like URs, still have to be defined consistently across the entire basin.
- Management Area operations cannot cause URs outside the Management Area.

# QUESTIONS

## (5 OF 5)

**Management Areas (MA)** are designated when a GSA has determined the area will benefit from site-specific conditions of water demand, use, source, management, or other characteristics.

**Representative Wells** are representative of the conditions in the area and are used to monitor for undesirable results.



What are Management Areas (cont.)?

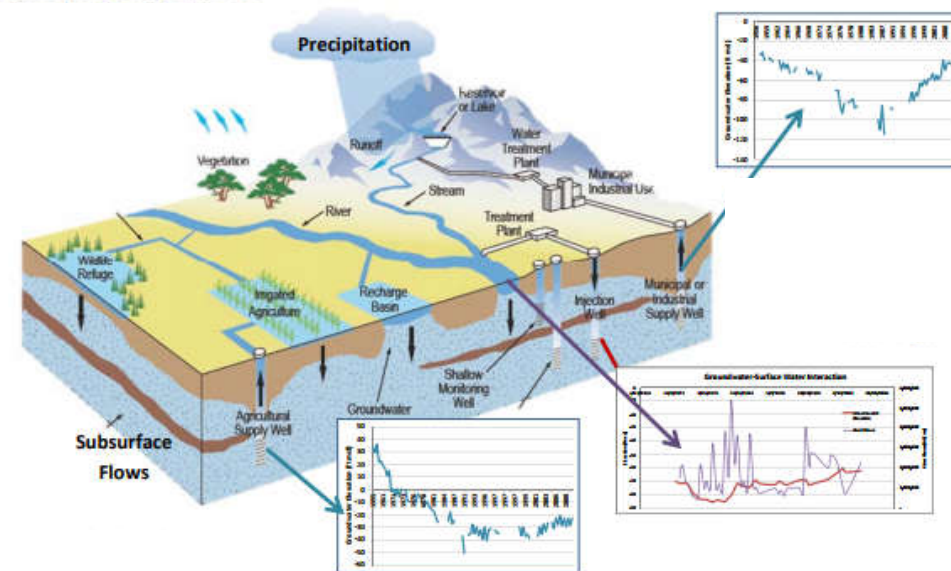
### ■ Considerations for Management Areas

- Monitoring Network (all MAs need a monitoring network)
  - Monitoring Implementation (the overlying GSA or other GSA-designated entity is responsible to monitor the MA network)
  - Project and Management Action Implementation (the overlying GSA or other GSA-designated entity is responsible to implement the projects and management actions within the MA)
- GSA has responsibility to implement GSP and demonstrate sustainability across entire basin, with or without Management Areas.

# PROGRESS TO DATE (1 OF 2)

## Elements of a Groundwater Sustainability Plan (GSP)

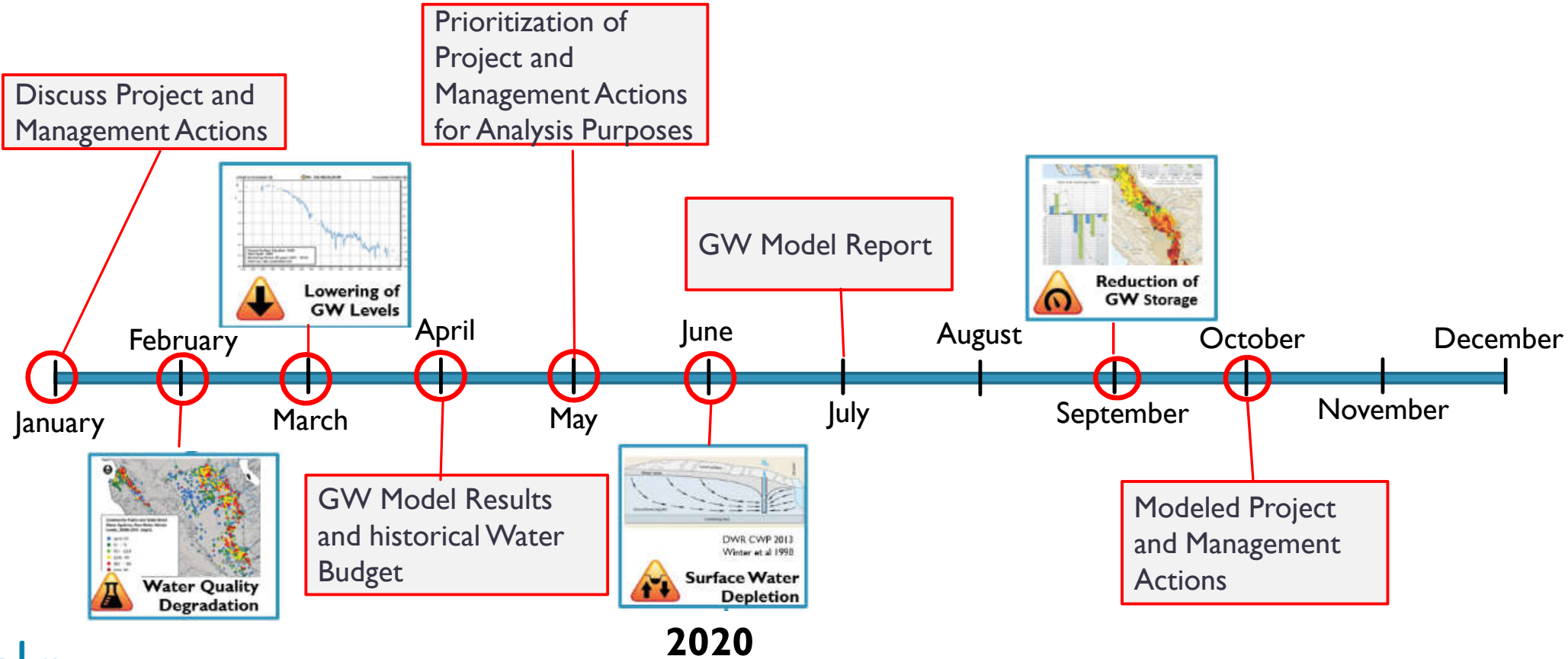
- Data Management System (DMS)
- Hydrogeological Conceptual Model (HCM)
- Groundwater Conditions Assessment
- Water Budget
- Sustainable Management Criteria (SMCs)
- Monitoring Network
- Projects & Management Actions (P&MAs)
- Implementation Plan



\* 23-CCR Sections 354.16-20;  
[www.water.ca.gov/groundwater/sgm/gsp.cfm](http://www.water.ca.gov/groundwater/sgm/gsp.cfm)

# GSP DEVELOPMENT TIMELINE (2020) (2 OF 2)

More to come in 2021...



## RECOMMENDATIONS (1 OF 2)

### Proactive District participation and communication to ensure successful GSP.

- Confirm consensus on Basin Setting, which is foundational to GSP development:
  - Adequately represents conditions that influence URs (magnitude and geographic distribution).
  - Identifies uncertainty (what is unknown and how wrong conclusions might be).
- Maintain local control of District water supply:
  - District operations are not constrained.
  - Overall system sustainable yield is not reduced.
- Explore alternative GSP-Monitoring and -Implementation strategies (e.g., w/ or w/o Management Areas).

## POTENTIAL ISSUES OR CONCERNS (2 OF 2)

**Proactive District participation and communication to ensure fiscally responsible and cost-effective GSP.**

- Identify who benefits and who pays:
  - Monitoring costs (GW, SW, and GDEs, including fish).
  - Reporting costs (every 5-years).
  - Project Actions and Management costs.
- Identify potential District and/or regional projects to support basin sustainability (e.g., Loch Lomond water use).
- Position basin for future GSP Implementation Grant funding.





**BOARD OF DIRECTORS MEETING**

DATE: JANUARY 23RD, 2020

TIME: 5:30 P.M. TO 8:30 P.M.

LOCATION: SCOTTS VALLEY CITY COUNCIL CHAMBER – 1 CIVIC CENTER DRIVE SCOTTS VALLEY CA, 95066

PLEASE JOIN US ON THURSDAY, 23 JANUARY FOR OUR MONTHLY BOARD OF DIRECTORS MEETING. THE MEETING AGENDA WILL BE POSTED HERE THE FRIDAY PRIOR TO THE MEETING. ANY ADDITIONAL PRODUCTS WILL BE PUBLISHED AS THEY ARE GENERATED BY STAFF.



[www.smgwa.org](http://www.smgwa.org)