

# DRAFT

## **Section 1: Introduction**

### Groundwater Sustainability Plan for Santa Rosa Plain Groundwater Subbasin

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## 1 INTRODUCTION

In 2014, the State of California enacted the Sustainable Groundwater Management Act (SGMA), which substantially changes the way groundwater is managed in California. This law requires that groundwater basins and subbasins in California designated as medium- or high-priority by the California Department of Water Resources (DWR) under SGMA be managed sustainably.<sup>[1]</sup> Satisfying the requirements of SGMA generally involves four basic activities that must be completed by local agencies:

1. Forming one or more Groundwater Sustainability Agencies (GSAs) to fully cover the high- or medium-priority basin/subbasin.
2. Developing one or multiple Groundwater Sustainability Plans (GSPs) that fully cover the SGMA high- or medium-priority basin/subbasin.
3. Implementing the GSP and managing to achieve quantifiable objectives and sustainability within 20 years of GSP adoption.
4. Regularly reporting data and GSP progress to the DWR.

The Santa Rosa Plain Groundwater Subbasin (Subbasin), designated as basin number 1-55.01 in DWR's Bulletin No. 118 (DWR 2016a), and shown on **Figure 1-1**, is categorized as a medium/high-priority basin by DWR (DWR 2020) and is, therefore, required to comply with SGMA.

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<sup>[1]</sup> DWR prioritizes groundwater basins as critically overdrafted, high-, medium-, low-, and very low-priority based on a variety of technical factors. Refer to <https://water.ca.gov/Programs/Groundwater-Management/Basin-Prioritization>.

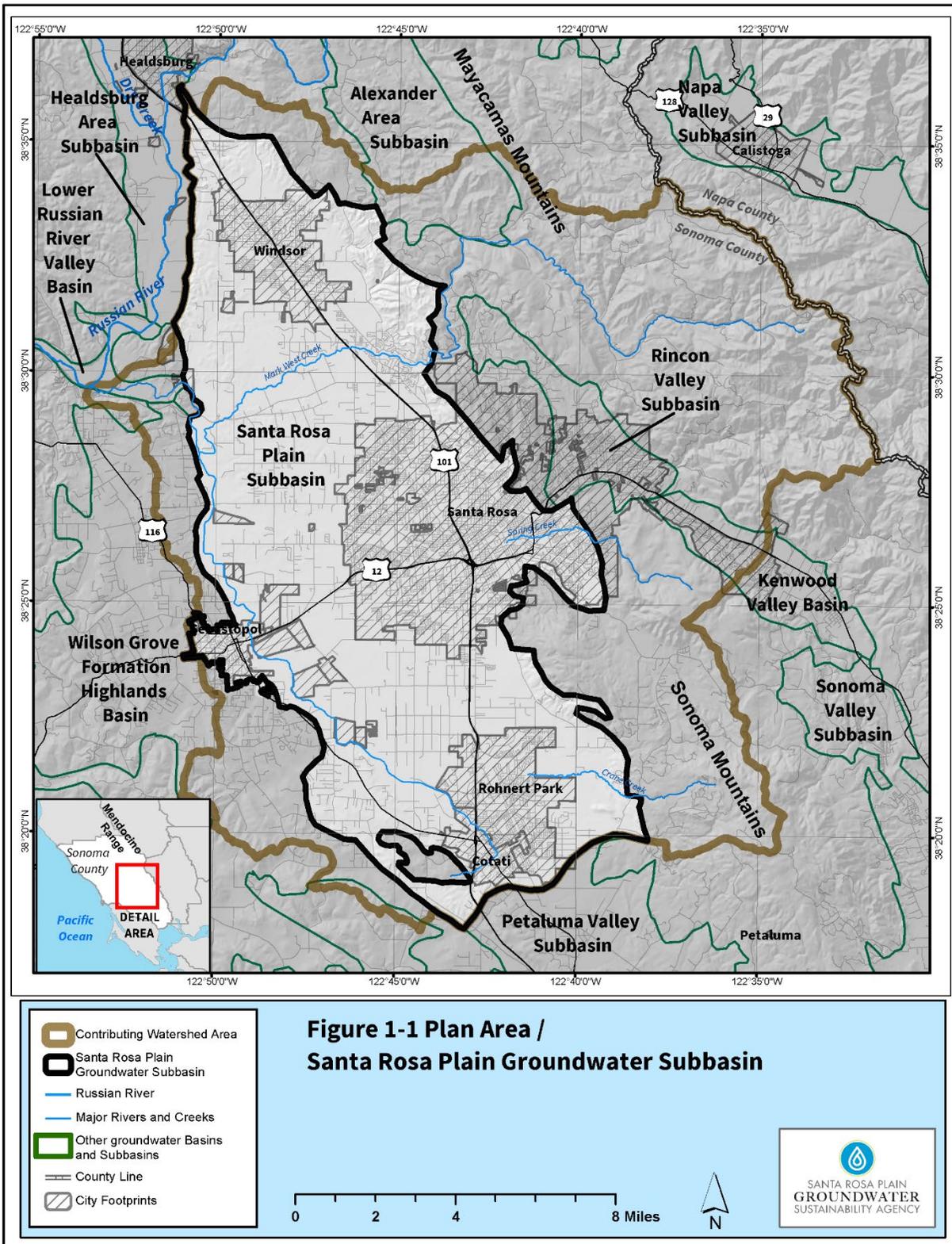


Figure 1-1. Plan Area/Santa Rosa Plain Groundwater Subbasin

### 1.1 Purpose of Groundwater Sustainability Plan

The purpose of this document is to fulfill the GSP requirement and present a path for sustaining groundwater resources in the Subbasin pursuant to the provisions of SGMA. Primary objectives addressed by this GSP are to:

- Meet the requirements of SGMA and DWR’s GSP Emergency Regulations (GSP Regulations) by establishing criteria and management actions that will achieve and maintain sustainable groundwater management in the Subbasin within 20 years of GSP adoption.
- Incorporate the best available scientific and technical information by building on the strong technical foundation established through previous technical studies and voluntary groundwater management activities in the Santa Rosa Plain.
- Integrate the perspectives and interests of the many diverse users and uses of groundwater resources within the basin through a process that provides opportunity for significant public and community engagement.
- Leverage the limited available funding and local resources through continued regional coordination and information sharing with other local entities and GSAs.

The development of this GSP benefits from a recent history of collaborative groundwater management and water-resource planning by local stakeholders, which had focused on addressing groundwater sustainability issues in the Subbasin prior to the passage of SGMA.

The purpose of the GSP is not to tackle water supply risk and resilience issues or prepare emergency response plans for community drinking water systems. The America’s Water Infrastructure Act (AWIA) of 2018 requires community drinking water systems to develop or update risk assessments and emergency response plans to identify vulnerabilities, including malevolent acts and natural disasters, such as floods and droughts, that may potentially threaten the ability of community water systems to deliver safe drinking water.

The Santa Rosa Plain GSA, in collaboration with Sonoma Water, other Sonoma County GSAs, and local water suppliers, has and will continue to provide information to the local community on the severe multi-year drought occurring during the preparation of this GSP and other droughts in the future, including, but not limited to:

- News releases on the status of historically low surface water reservoir supplies
- Messaging to encourage communities to change everyday habits and adapt to eliminate water waste, and to conserve and reduce water usage by 20 percent
- Participation in public workshops on drought conditions and what the community can do to help address this issue

The GSAs do have the authority to mandate conservation and manage extractions but ultimately cannot affect water rights under SGMA.

## 1.2 Guide to the Groundwater Sustainability Plan

The Santa Rosa Plain GSP is organized sequentially, starting with a high-level overview of the Subbasin (**Section 2**), and drilling into more details on hydrology, geology, and the current and projected groundwater conditions (**Section 3**). A discussion of what sustainability means locally is provided in **Section 4**, and **Section 5** details how sustainability will be monitored over time. **Sections 6** (Projects and Management Actions) and **7** (Implementation Plan) describe how sustainability will be achieved. Each section builds on the prior section and contributes to the reader's understanding of the issues facing the Subbasin and the proposed solutions.

This document is composed of the following sections:

- **Front Matter** – This includes a table of contents that can help readers locate specific plan components, and a list of acronyms and abbreviations that can help readers navigate arcane water lingo.
- **Executive Summary** – A brief overview of the GSP, providing high-level information about the Subbasin, sustainability goals, and how the GSP will be implemented.
- **Section 1, Introduction** – Basic administrative information about the GSA, its composition and authorities, and how it communicates with and engages stakeholders.
- **Section 2, Plan Area** – A description of the Subbasin, including jurisdictions, land uses, water uses, and well permitting.
- **Section 3, Basin Setting** – A detailed overview of the Subbasin, including its physical setting, climate, the hydrogeologic conceptual model (which includes the factors that describe and effect its hydrology, such as geologic features, aquifer, and aquitards), current and historical groundwater conditions, the current and projected water budget, and management areas.
- **Section 4, Sustainable Management Criteria** – This section describes proposed management criteria for each of SGMA's six sustainability indicators: groundwater levels, groundwater storage, water quality, land subsidence, seawater intrusion, and surface water depletion.
- **Section 5, Proposed Monitoring Plan** – The Sustainable Management Criteria (SMC) described in Section 4 are quantifiable and are measured over time. This section describes the current monitoring network and proposed enhancements needed to accurately monitor data into the future.
- **Section 6, Projects and Management Actions** – This section describes and ranks projects and actions that could be used to achieve or maintain sustainability by 2042.

- **Section 7, Implementation Plan** – This section describes how the GSP will be implemented over time, including a draft, high-level budget and potential funding sources.
- **Section 8, References** – This section provides a list of all documents cited in this GSP.
- **Appendices** – The appendices to this report provide a wealth of additional information.

**Tables 1-1 and 1-2** provide a detailed list of the DWR-required GSP components from the GSP Regulations and SGMA statutes, respectively.

**Table 1-1. Cross-Reference of GSP Regulations and Associated GSP Sections**

Sub-article	Section	Paragraph	Requirement	GSP Section
1. Administrative Information	354.4. General Information	(a)	Executive summary	00
		(b)	List of references and links to technical studies	Appendices
	354.6. Agency Information	-	Agency information pursuant to CWC Section 10723.8 (notification of GSA formation to DWR), along with:	1.2 and Appendices
		(a)	Agency name and mailing address	1.2
		(b)	Agency organization and management structure, persons with management authority for GSP implementation	1.2
		(c)	GSP manager name and contact information	1.2
		(d)	Legal authority of agency	1.2
		(c)	Estimate of GSP implementation costs and description of how agency plans to meet costs	7
		354.8. Description of Plan Area	(a)	Maps of GSP area
	(b)		Written description of GSP area	2.1
	(c)-(d)		Identification of existing water-resource monitoring and management programs, and description of any such planned programs	2.4 and 2.5
	(c)		Description of conjunctive use programs	2.5
	(f)		Description of the land use elements or topic categories	2.6
	(g)		Description of additional GSP elements (CWC Section 10727.4)	2.7 and 2.8
	354.10. Notice and Communication		(a)	Description of the beneficial uses and users of groundwater in the subbasin
		(b)	List of public meetings	1.3
		(c)	Comments and responses regarding the GSP	Appendices
		(d)	Description of communication procedures	1.3

Sub-article	Section	Paragraph	Requirement	GSP Section
2. Basin Setting	354.12. Introduction to Basin Setting	-	Information about the basin setting (physical setting, characteristics, current conditions, data gaps, uncertainty)	3
	354.14. Hydrogeologic Conceptual Model	(a)	Description of the subbasin hydrogeologic conceptual model	3.1
		(b)	Summary of regional geologic and structural setting, subbasin boundaries, geologic features, principal aquifers, and aquitards	3.1
		(c)	Cross-sections depicting major stratigraphic and structural features	Figure 3-5
		(d)	Maps of subbasin physical characteristics	Figures 3-1 through 3-10
	354.16. Groundwater Conditions	(a)-(g)	Description of current and historical groundwater conditions including: <ol style="list-style-type: none"> <li>1. Groundwater elevation</li> <li>2. Change in storage</li> <li>3. Seawater intrusion</li> <li>4. Groundwater quality issues</li> <li>5. Land subsidence</li> <li>6. Interconnected surface water systems</li> <li>7. Groundwater-dependent ecosystems</li> </ol>	3.2
	354.17. Water Budget	(a)	Water budget providing total annual volume of groundwater and surface water entering and leaving the subbasin, including historical, current, and projected water budget conditions, and change in storage	3.3
		(b)-(f)	Development of a numerical groundwater and surface water model to quantify current, historical, and projected: <ol style="list-style-type: none"> <li>1. Total surface water entering and leaving by water source type</li> <li>2. Inflow to the groundwater system by water source type</li> <li>3. Outflows from the groundwater system by water use sector</li> <li>4. Change in groundwater storage</li> <li>5. Overdraft over base period</li> <li>6. Annual supply, demand, and change in storage by water year type.</li> <li>7. Estimated sustainable yield</li> </ol>	3.3 and Appendix
	354.20. Management Areas	(a)	Description of management areas	3.4
		(b)	Describe purpose, minimum thresholds, measurable objectives, monitoring, analysis	NA
(c)		Maps and supplemental information	NA	

Sub-article	Section	Paragraph	Requirement	GSP Section
3. Sustainable Management Criteria	354.22. Introduction to Sustainable Management Criteria	-	Criteria by which an agency defines conditions that constitute sustainable groundwater management for the subbasin	4
	354.24. Sustainability Goal	-	Description of subbasin sustainability goal, including basin setting information used to establish the goal, sustainability indicators, discussion of measures to ensure the subbasin will be operated within its sustainable yield, and an explanation of how the sustainability goal is likely to be achieved and maintained	4
	354.26. Undesirable Results	(a)	Processes and criteria used to define undesirable results applicable to the subbasin	4
		(b)-(c)	Description of undesirable results, including cause of groundwater conditions and potential effects on beneficial uses and users of groundwater	4
	354.28. Minimum Thresholds	(a)	Establish minimum thresholds to quantify groundwater conditions for each applicable sustainability indicator	4
		(b)-(d)	Describe information and criteria to select, establish, justify, and quantitatively measure minimum thresholds	4
	354.30. Measurable Objectives	(a)-(g)	Establish measurable objectives, including interim milestones in increments of 5 years, to achieve and maintain the subbasin sustainability goal	4
	4. Monitoring Networks	354.32. Introduction to Monitoring Networks	-	Description of monitoring network, monitoring objectives, monitoring protocols, and data reporting
354.34. Monitoring Network		(a), (e)-(g)	Development of monitoring network to yield representative information about groundwater conditions	5
		(b)-(d)	Monitoring network objectives	5
		(h)	Maps and tables of monitoring sites	5
		(i)	Monitoring protocols	Appendices
354.36. Representative Monitoring		(a)-(c)	Designation of representative monitoring sites	5

Sub-article	Section	Paragraph	Requirement	GSP Section
	354.38. Assessment and Improvement of Monitoring Network	(a)-(d)	Evaluation of monitoring network, including uncertainty, data gaps, and efforts to fill data gaps	5
		(e)	Adjustment of monitoring frequency and density to assess management action effectiveness	5
	354.40. Reporting Monitoring Data to the Department	(f)	Copy of monitoring data from data management system	Digital Submittal
5. Projects and Management Actions	354.44. Projects and Management Actions	(a)-(c)	Description of projects and management actions to achieve and maintain the subbasin sustainability goal	6

Notes:

CWC = California Water Code

NA = not applicable

**Table 1-2. Cross-Reference of SGMA Statute related to GSP Requirements and GSP Section Numbers**

Requirement	GSP Section
Chapter 5 Powers And Authorities	
<b>10726.9. REQUIREMENT OF PLAN TO TAKE INTO ACCOUNT GENERAL PLAN ASSUMPTIONS</b>	
A groundwater sustainability plan shall take into account the most recent planning assumptions stated in local general plans of jurisdictions overlying the basin.	2.6
Chapter 6. Groundwater Sustainability Plans	
<b>10727. REQUIREMENT TO DEVELOP GROUNDWATER SUSTAINABILITY PLAN FOR MEDIUM- AND HIGH-PRIORITY BASINS; FORM OF PLAN</b>	
(a) A groundwater sustainability plan shall be developed and implemented for each medium- or high-priority basin by a GSA to meet the sustainability goal established pursuant to this part. The groundwater sustainability plan may incorporate, extend, or be based on a plan adopted pursuant to Part 2.75 (commencing with Section 10750).	1.0
<b>10727.2. REQUIRED PLAN ELEMENTS</b>	
A groundwater sustainability plan shall include all of the following:	
(a) A description of the physical setting and characteristics of the aquifer system underlying the basin that includes:	3.0
(1) Historical data, to the extent available.	3.2, 3.3
(2) Groundwater levels, groundwater quality, subsidence, and groundwater-surface water interaction.	3.2
(3) A general discussion of historical and projected water demands and supplies.	3.2, 3.3
(4) A map that details the area of the basin and the boundaries of the GSAs that overlie the basin that have or are developing GSPs.	Figure 3-1

Requirement	GSP Section
(5) A map identifying existing and potential recharge areas for the basin. The map or maps shall identify the existing recharge areas that substantially contribute to the replenishment of the groundwater basin. The map or maps shall be provided to the appropriate local planning agencies after adoption of the GSP.	Figures 3-8a and 3-8b
(b) (1) Measurable objectives, as well as interim milestones in increments of 5 years, to achieve the sustainability goal in the basin within 20 years of the implementation of the plan.	4.0
(2) A description of how the plan helps meet each objective and how each objective is intended to achieve the sustainability goal for the basin for long-term beneficial uses of groundwater.	4.0
(3) (A) Notwithstanding paragraph (1), at the request of the groundwater sustainability agency, the department may grant an extension of up to 5 years beyond the 20-year sustainability timeframe upon a showing of good cause. The department may grant a second extension of up to 5 years upon a showing of good cause if the GSA has begun implementation of the work plan described in clause (iii) of subparagraph (B). (B) The department may grant an extension pursuant to this paragraph if the groundwater sustainability agency does all of the following: (i) Demonstrates a need for an extension. (ii) Has made progress toward meeting the sustainability goal as demonstrated by its progress at achieving the milestones identified in its GSP. (iii) Adopts a feasible work plan for meeting the sustainability goal during the extension period.	NA
(4) The plan may, but is not required to, address undesirable results that occurred before, and have not been corrected by, January 1, 2015. Notwithstanding paragraphs (1) to (3), inclusive, a groundwater sustainability agency has discretion as to whether to set measurable objectives and the timeframes for achieving any objectives for undesirable results that occurred before, and have not been corrected by, January 1, 2015.	4
(c) A planning and implementation horizon.	3.4.1.2
(d) Components relating to the following, as applicable to the basin: (1) The monitoring and management of groundwater levels within the basin.	4.0, 5.0, 6.0
(2) The monitoring and management of groundwater quality, groundwater quality degradation, inelastic land surface subsidence, and changes in surface flow and surface water quality that directly affect groundwater levels or quality or are caused by groundwater extraction in the basin.	4.0, 5.0, 6.0
(3) Mitigation of overdraft.	4.0, 5.0, 6.0
(4) How recharge areas identified in the plan substantially contribute to the replenishment of the basin.	3.1.7
(5) A description of surface water supply used or available for use for groundwater recharge or in-lieu use.	2.3.2
(e) A summary of the type of monitoring sites, type of measurements, and the frequency of monitoring for each location monitoring groundwater levels, groundwater quality, subsidence, streamflow, precipitation, evaporation, and tidal influence. The plan shall include a summary of monitoring information such as well depth, screened intervals, and aquifer zones monitored, and a summary of the type of well relied on for the information, including public, irrigation, domestic, industrial, and monitoring wells.	5.0

Requirement	GSP Section
(f) Monitoring protocols that are designed to detect changes in groundwater levels, groundwater quality, inelastic surface subsidence for basins for which subsidence has been identified as a potential problem, and flow and quality of surface water that directly affect groundwater levels or quality or are caused by groundwater extraction in the basin. The monitoring protocols shall be designed to generate information that promotes efficient and effective groundwater management.	Appendix
(g) A description of the consideration given to the applicable county and city general plans and a description of the various adopted water resources-related plans and programs within the basin and an assessment of how the groundwater sustainability plan may affect those plans.	2.4, 2.5
<p><b>10727.4. ADDITIONAL PLAN ELEMENTS</b></p> <p>In addition to the requirements of Section 10727.2, a GSP shall include, where appropriate and in collaboration with the appropriate local agencies, all of the following:</p>	
(a) Control of saline water intrusion.	
(b) Wellhead protection areas and recharge areas.	3.1.7
(c) Migration of contaminated groundwater.	2.1
(d) A well abandonment and well destruction program.	2.7
(e) Replenishment of groundwater extractions.	6.0
(f) Activities implementing, opportunities for, and removing impediments to, conjunctive use or underground storage.	2.1
(h) Measures addressing groundwater contamination cleanup, groundwater recharge, in-lieu use, diversions to storage, conservation, water recycling, conveyance, and extraction projects.	2.5, 6.0
(i) Efficient water management practices, as defined in Section 10902, for the delivery of water and water conservation methods to improve the efficiency of water use.	2.5.4
(j) Efforts to develop relationships with state and federal regulatory agencies.	7
(k) Processes to review land use plans and efforts to coordinate with land use planning agencies to assess activities that potentially create risks to groundwater quality or quantity.	7
(l) Impacts on groundwater-dependent ecosystems.	4
<p><b>10727.8. PUBLIC NOTIFICATION AND PARTICIPATION; ADVISORY COMMITTEE</b></p>	
(a) Prior to initiating the development of a GSP, the GSA shall make available to the public and the department a written statement describing the manner in which interested parties may participate in the development and implementation of the GSP. The GSA shall provide the written statement to the legislative body of any city, county, or city and county located within the geographic area to be covered by the GSP. The GSA may appoint and consult with an advisory committee consisting of interested parties for the purposes of developing and implementing a GSP. The GSA shall encourage the active involvement of diverse social, cultural, and economic elements of the population within the groundwater basin prior to and during the development and implementation of the GSP.	1.2, 1.3, Appendix
(b) For purposes of this section, interested parties include entities listed in Section 10927 that are monitoring and reporting groundwater elevations in all or a part of a groundwater basin managed by the GSA.	NA

Requirement	GSP Section
<p><b>10728. ANNUAL REPORTING BY GROUNDWATER SUSTAINABILITY AGENCY TO DEPARTMENT</b></p> <p>On the April 1 following the adoption of a GSP, and annually thereafter, a GSA shall submit a report to the department containing the following information about the basin managed in the GSP:</p> <p>(a) Groundwater elevation data</p> <p>(b) Annual aggregated data identifying groundwater extraction for the preceding water year</p> <p>(c) Surface water supply used for or available for use for groundwater recharge or in-lieu use</p> <p>(d) Total water use</p> <p>(e) Change in groundwater storage</p>	7.0
<p><b>10728.2. PERIODIC REVIEW AND ASSESSMENT</b></p> <p>A GSA shall periodically evaluate its GSP, assess changing conditions in the basin that may warrant modification of the plan or management objectives, and may adjust components in the GSP. An evaluation shall focus on determining whether the actions under the GSP are meeting the plan’s management objectives and whether those objectives are meeting the sustainability goal in the basin.</p>	7.0
<p><b>10728.4. ADOPTION OR AMENDMENT OF PLAN FOLLOWING PUBLIC HEARING</b></p> <p>A GSA may adopt or amend a GSP after a public hearing, held at least 90 days after providing notice to a city or county within the area of the proposed plan or amendment. The GSA shall review and consider comments from any city or county that receives notice pursuant to this section and shall consult with a city or county that requests consultation within 30 days of receipt of the notice. Nothing in this section is intended to preclude an agency and a city or county from otherwise consulting or commenting regarding the adoption or amendment of a plan.</p>	1.3, 7.0
<p><b>10728.6. CEQA NOT APPLICABLE TO PLAN PREPARATION AND ADOPTION</b></p> <p>Division 13 (commencing with Section 21000) of the Public Resources Code does not apply to the preparation and adoption of plans pursuant to this chapter. Nothing in this part shall be interpreted as exempting from Division 13 (commencing with Section 21000) of the Public Resources Code a project that would implement actions taken pursuant to a plan adopted pursuant to this chapter.</p>	5

Note:

CEQA = California Environmental Quality Act

### 1.3 Groundwater Sustainability Agency Authorities and Administrative Information

#### 1.3.1 Santa Rosa Plain Groundwater Sustainability Agency

SGMA requires GSAs to be formed to cover basins/subbasins designated by DWR as high- or medium-priority (based on a variety of technical factors). Any local agency that has water supply, water management, or land use responsibility in a groundwater basin is eligible to form a GSA. The legislative intent of SGMA is to encourage GSA-eligible agencies to form one GSA that covers an entire SGMA basin/subbasin and prepare one GSP; however, SGMA offers local agencies the flexibility of forming multiple GSAs and preparing multiple GSPs in a basin/subbasin. SGMA empowers GSAs with new management tools and authorities to, among other things:

- Register groundwater wells

- Collect data/conduct studies
- Measure extractions (with the exception of de minimis wells [that pump fewer than 2 acre-feet per year])
- Require reporting
- Manage extractions
- Assess fees

The Santa Rosa Plain GSA was formed to meet SGMA requirements in June 2017, and is one of three GSAs established in Sonoma County (the other two are Petaluma Valley and Sonoma Valley). The jurisdictional area of the Santa Rosa Plain GSA is the entire Santa Rosa Plain Subbasin, and no other GSAs have jurisdiction within the Subbasin. The Santa Rosa Plain GSA was formed through a Joint Exercise of Powers Agreement (JPA) entered into by the cities of Cotati, Rohnert Park, and Santa Rosa; the Town of Windsor; Gold Ridge Resource Conservation District; Sonoma County; Sonoma County Water Agency (Sonoma Water); Sonoma Resource Conservation District (RCD); and an organized group of Mutual Water and Public Utilities Commission-Regulated Companies (Independent Water Systems), in accordance with requirements of CWC Section 10723 for establishing GSAs under the SGMA.

In August 2019, the JPA was amended to include the city of Sebastopol and three neighboring mutual water companies (Fircrest, Belmont Terrace, and Kelly), following an adjustment of the Subbasin boundaries. The boundary change was a result of DWR's proposed 2018 reprioritization of the neighboring Wilson Grove Formation Highlands Basin (Wilson Grove) from very-low priority to medium priority. Entities within Wilson Grove were concerned about their ability to comply with SGMA, and the cities of Sebastopol and Petaluma, the three mutual water districts, and the County of Marin made jurisdictional requests to DWR to change the basin boundaries. DWR authorized the boundary changes. As a result, Sebastopol and the water companies are now solely within the Santa Rosa Plain Subbasin. (Petaluma and a portion of Marin County are now within the Petaluma Valley Basin.)

A copy of the resolution forming the JPA and the resolution revising the JPA are included in **Appendix 1-A**.

### **1.3.2 Santa Rosa Plain Groundwater Sustainability Agency Board and Advisory Committee**

The Santa Rosa Plain GSA is governed by 10 board members and alternates from the member organizations, which each appoint one member and one alternate member (board members are listed in **Appendix 1-B**). The Santa Rosa Plain GSA Board (GSA Board) members are elected or appointed members of their governing bodies who serve at the pleasure of the member organization appointing them. GSA Board members annually elect the officers of the Board for 1-year terms, which may be extended to multiple consecutive terms. The GSA Board role in the GSP development process is to provide guidance and direction on key components of the GSP

and consider recommendations from the Santa Rosa Plain GSA Advisory Committee (Advisory Committee) and input from the public. The GSA Board is responsible for adopting the GSP and authorizing its submission to DWR for evaluation, assessment, and approval.

The Santa Rosa Plain GSA formed an advisory committee of 18 members in October 2017 consisting of members appointed by each of the original nine member agencies, the city of Sebastopol and the Federated Indians of Graton Rancheria, and seven interest-based members appointed by the Santa Rosa Plain GSA Board. The seven interest-based members are composed of the following groups:

- Environmental (from organizations with a presence in the Basin) (two members)
- Rural residential well owners (two members)
- Business community (one member)
- Agricultural (two members)

The role of the Advisory Committee during the GSP development process is to work toward a consensus and incorporate community and stakeholder interests into recommendations to the GSA Board on GSP development and SGMA implementation. Advisory Committee members also report to, and seek input from, their larger constituency groups on key components and proposals related to GSP development.

The Advisory Committee meets 6 to 10 times annually, and the meetings are open to the public. The Advisory Committee makes recommendations to the GSA Board that reflect the outcome of Committee discussions. To ensure that all viewpoints are heard and considered by the Board, the Advisory Committee reports to the GSA Board regularly, identifying areas of agreement and disagreement among the Advisory Committee members. The names of GSA Board and Advisory Committee members can be found in **Appendix 1-B**, and the Advisory Committee Charter is provided in **Appendix 1-C**.

### **1.3.3 Groundwater Sustainability Agency Coordination**

Implementation of SGMA in the Subbasin is closely coordinated with neighboring GSAs in Petaluma Valley and Sonoma Valley, as well as local agencies with land use responsibilities, including the cities of Cotati, Rohnert Park, Santa Rosa, Sebastopol, Town of Windsor, and the County of Sonoma. In addition to close coordination when managing and monitoring along shared Subbasin boundaries, resources are leveraged and shared by the three existing GSAs in Sonoma County to maximize efficiencies, including shared templates and methodologies for certain GSP components, outreach resources, grant opportunities, and the development of data management system tools and technologies.

The Santa Rosa Plain GSA has a service agreement with Sonoma Water for technical support, public outreach and community engagement, and grant writing and management. The GSA also has service agreements with outside firms for administrative support, legal advice, financial decision making, and facilitation services for advisory committee meetings.

Contact information for the Santa Rosa Plain GSA is:

Santa Rosa Plain Groundwater Sustainability Agency  
2235 Mercury Way #105, Santa Rosa California 95407  
[www.santarosaplaingroundwater.org](http://www.santarosaplaingroundwater.org) (707) 243-8555

GSA Administrator: Andy Rodgers, West Yost Associates, Inc.

GSA Plan Manager: Jay Jasperse, Chief Engineer and Director of Groundwater Management, Sonoma County Water Agency

## 1.4 Stakeholder Engagement and Communication

### 1.4.1 Overview

As described in **Section 1.3**, the Santa Rosa Plain GSA is governed by a local board, which receives and considers recommendations from an Advisory Committee representing multiple stakeholder interests. Both the GSA Board and Advisory Committee hold regular public meetings in compliance with California’s laws governing public meetings (the Ralph M. Brown Act, beginning at Government Code Section 54950). A list of meetings is provided in **Appendix 1-D**.

All phases of SGMA in the Subbasin have been, and will continue to be, characterized by an open collaborative process, with strong stakeholder engagement allowing stakeholders and the public opportunities to provide input into and influence the process. Information is available through the website, [www.santarosaplaingroundwater.org](http://www.santarosaplaingroundwater.org), where all meeting materials and notifications are posted.

### 1.4.2 Implementation of the Sustainable Groundwater Management Act – Phases of Work

Outreach for SGMA is associated with the following four work phases:

Phase 1: GSA formation and Coordination – The formation of the Santa Rosa Plain GSA began in 2015, with an initial stakeholder assessment conducted by the Consensus Building Institute (CBI), followed by negotiations between GSA-eligible entities in the Subbasin. This phase was completed in June 2017, when the GSA was created by a JPA (described in **Section 1.2**).

Phase 2: GSP Preparation and Submission – This phase of work began in 2018 and will be completed in January 2022. During this phase, outreach was largely guided by a Community Engagement Plan (Santa Rosa Plain GSA 2018) (**Appendix 1-E**). Pre-submission, the final draft GSP was released for public comments and review.

Phase 3: GSP Review and Evaluation – This phase began in 2019, with the majority of the review taking place in 2021. This phase will continue through 2022, when the GSP is submitted and DWR provides additional opportunity for additional public review and comments.

Phase 4: Implementation and Reporting – Following the submission of the GSP to DWR, the Santa Rosa Plain GSA will begin implementing projects and programs to reach sustainability in the Subbasin. This will be an ongoing phase, with 5-year updates that will include public input and feedback, as the GSA strives for sustainability by 2042.

#### **1.4.2.1 Phase 1: GSA Formation and Coordination**

From 2015 through 2017, local agencies worked with the CBI to facilitate the formation of the Santa Rosa Plain GSA. CBI began by conducting a stakeholder assessment in the three Sonoma County basins and subbasins (Santa Rosa Plain Subbasin, Petaluma Valley Basin, and Sonoma Valley Subbasin) that were immediately subject to SGMA implementation. Assessment results were described in *Findings and Recommendations on Implementing the Sustainable Groundwater Management Act in Sonoma County (Appendix 1-F)*.

The assessment included interviews with and surveys of representatives of key stakeholder groups, and resulted in recommendations for a transparent and inclusive process for local implementation of SGMA. The assessment also recommended that separate GSAs be created for each of the three basins/subbasins to reflect the local basin characteristics and stakeholder concerns. Other findings include the following:

- There is an overall commitment to long-term sustainable groundwater management and the importance of groundwater-surface water interaction, conjunctive use, and integrated water-resources management.
- Respondents respect local knowledge and control for water management and expressed concern about (1) needing to participate in management decisions for other basins and (2) having agencies or stakeholders from external jurisdictions making decisions about local groundwater. At the same time, some recognize a need for a regional perspective on water resources and land use; those with this perspective feel confident that regional considerations can blend with local decisions.
- Agencies expressed concerns about costs and funding SGMA implementation.
- Stakeholders demonstrated a high level of expectation for public outreach and stakeholder involvement. Respondents urged expansive outreach to rural residential well owners and those seeking guidance and input from basin advisory panels and the public on forming the GSA.

The assessment prescribed a process for input and decision making which involved representatives of the GSA-eligible entities in the Subbasin. The process was implemented, and included community forums that were held in 2016 to receive and consider input from the public on GSA formation.

Some areas of the Subbasin are classified as Disadvantaged Communities (DACs) by the DWR (DWR 2021a), the Sonoma County Transportation Authority (SCTA 2017), and Sonoma County Department of Health Services (2014). Representatives of DAC stakeholders were included in

the assessment survey, or were separately interviewed by staff during the GSA formation process.

The beneficial uses and users of the Subbasin, as defined by SGMA (CWC Section 10723.2), are represented in the structure of the GSA Board and the Advisory Committee. GSP beneficiaries include private domestic well owners, agriculture, businesses, municipal public water systems, DACs, and environmental users.

Stakeholders on the GSA Board and Advisory Committee include representatives from municipal-water suppliers, agriculture, environmental organizations, businesses, rural well owners, and at-large community members. Refer to **Section 1.2** for additional information about GSA Board and Advisory Committee composition.

#### **1.4.2.2 Phase 2: Preparation and Submission**

The GSA Board and Advisory Committee were actively engaged in the development of the GSP, including:

- Reviewing and commenting on GSP sections as they were prepared
- Providing feedback and suggestions for SMC (discussed in **Section 4** of this GSP)
- Actively engaging and soliciting feedback from the stakeholders they represent

All meetings were publicly advertised and conducted in accordance with California's Ralph M. Brown Act and other public meeting laws (beginning at Government Code 54950). Meetings held during the pandemic were advertised and conducted in accordance with Governor Newsom's Executive Orders N-25-20 issued on March 3, 2020 and N-29-20, issued on March 4, 2020. Public comment was included on every item, and meeting minutes were taken and are available via the website.

Broader public input was determined to be a critical component of GSP development, and was guided by the *Community Engagement Plan for Development and Adoption of a Groundwater Sustainability Plan Santa Rosa Plain Groundwater Sustainability Agency* (Santa Rosa Plain GSA 2018) (**Appendix 1-E**), which was adopted by the Board in January 2018. To encourage stakeholder engagement, key outreach tools included:

- Development of an Interested Parties List through both meeting attendance and by soliciting the public to sign-up via the website
- Monthly informational emails to the Interested Parties list that provided information regarding SGMA implementation, GSP planning, and groundwater management
- Development of a website with meeting information and GSP materials, including a location for public comments as draft GSP sections were released
- Public forums on the SGMA implementation process, subbasin conditions, SMC development, draft SMCs, and the draft GSP

- Forums coordinated with the other Sonoma County GSAs on cross-cutting issues, including climate change modeling and groundwater recharge
- Presentations to key stakeholder groups in the Subbasin
- A rural community engagement program that included research and the development and implementation of a campaign to inform and solicit feedback from rural well owners
- During the pandemic, outreach continued through the activities listed in the bullet list above. Regular GSA Board, Advisory Committee, and two community meetings were held virtually.

An informational meeting and public hearing were held on the final draft Santa Rosa GSP.

#### **1.4.2.3 Phase 3: GSP Review and Evaluation**

Note to readers: This is a placeholder paragraph that will be finalized when the public review period is closed in fall 2021. Phase 3 began in 2019, with the majority of the review occurring in 2021. During this phase, the draft GSP was completed and sections were released sequentially for input from the GSA Board, Advisory Committee, and the public. In addition, the public was provided an opportunity to comment during a 30-day review and comment period. A community workshop that provided an overview of GSP content and a public hearing also allowed stakeholders the opportunity to provide comments and feedback. With the public review period completed, public comments will be considered as time allows, and will be incorporated into the final version of the GSP before submittal to DWR by January 31, 2022.

There will be a 60-day comment period following the submittal through DWR's SGMA portal at <http://sgma.water.ca.gov/portal/>. Comments will be posted to the DWR website prior to the state agency's evaluations, assessment, and approval.

#### **1.4.2.4 Phase 4: Implementation and Reporting**

Phase 4 will continue through the duration of the 50-year planning window to ensure that sustainability is achieved and maintained, and that the activities, programs, and policies of the GSA are transparent and inclusive.