

# Section 7: Implementation Plan

## Groundwater Sustainability Plan for Santa Rosa Plain Groundwater Subbasin

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Division, and NCRWQCB) to fill data gaps and implement projects and actions. This coordination will include discussions of partnering opportunities for funding implementation components that are mutually beneficial.

A focused area of engagement in the early stages of GSP implementation is anticipated to be continued coordination and information sharing with agencies that have land use responsibilities and authorities, including Permit Sonoma, city planning departments, and county and city planning commissions. This coordination will build on ongoing coordination that has occurred through development of the GSP and activities that Permit Sonoma has initiated using Proposition 68 grant funding. Coordination will include sharing of information, including tracking land use changes, the number of new well permits, and new agricultural permits (including cannabis projects) within the Subbasin/contributing watershed and surrounding areas. In addition, as required by SGMA, the GSA will engage in and review General Plan amendments, other local policies and issues related to groundwater resources in the Subbasin.

An important component of this engagement will be ongoing coordination with agencies responsible for regulating groundwater quality. The GSA will regularly coordinate with NCRWQCB, SWRCB-DDW, and others to understand and develop a process for determining if groundwater management is resulting in degraded water quality and to assess whether any additional COCs should be considered in the future.

Annual outreach and communication are estimated to range in cost from approximately \$95,000 to \$120,000 per year.

### **7.2.3 Annual Monitoring, Data Evaluation, and Reporting**

Monitoring of the five applicable sustainability indicators is a key component for successful implementation of the GSP. Most monitoring relies on existing monitoring programs, some of which will be enhanced or expanded as described in **Section 5** and **Section 7.2.4.2**. Data from the monitoring programs will be routinely evaluated to ensure progress is being made toward sustainability, or to identify whether undesirable results are occurring, and assess and investigate conditions that may lead to undesirable results. Data will be maintained in the Data Management System and will be used by the GSA to guide decisions on projects and management actions and to prepare annual reports to Subbasin stakeholders and DWR.

#### **7.2.3.1 Monitoring and Data Evaluation**

Specific planned monitoring activities are summarized herein and in **Table 7-1** and are more fully described in **Section 5**.

Groundwater-level monitoring activities will include the collection of groundwater-level data at the 26 existing RMPs and new planned RMPs identified in **Section 5.3.1** for comparison to MTs and MOs. The groundwater-level monitoring will also include the coordination and evaluation of measurements from 80 additional wells within the Subbasin and contributing watershed areas, as well as outside of the contributing watershed areas along basin boundaries, as described in **Section 5.2.1**, to continue tracking trends in these wells with historical data, assess changes in groundwater elevations near boundaries, and support the development of groundwater-level contour maps and storage change estimates. The groundwater-level data































The monitoring program and data gap task includes collecting and analyzing data from existing and future RMPs, and planning for new monitoring sites to fill the data gaps discussed in **Section 5**.

The project implementation schedule includes the development and implementation of Group 1, Group 2, and Group 3 projects, as described in **Section 6**. After a short planning period, it is assumed that Group 1 project implementation will begin in 2023. Group 2 and 3 projects require permitting, environmental analysis, and engineering design, which would begin in 2022. Depending upon results of pilot studies, planned to be initiated in 2024, full-scale implementation of Group 2 and 3 projects is anticipated to begin in 2028. The timing of projects is based on best estimates and may shift as GSP implementation proceeds based upon the needs at the time. Additionally, some projects, such as ASR, may be pursued on a more rapid pace by other entities involved with drought response.

The implementation of the management actions (coordination of Farm Plans with GSP implementation, assessment of recycled water opportunities, assessment and prioritization of potential policy options) and will be initiated in the first year of implementation with the goal of having initial recommendations on scope and prioritization for the GSA Board to consider within the first 2 years of implementation.

GSP reporting will occur on an annual and a 5-year basis as required under SGMA. Annual reports will be submitted to DWR by April 1 of each year. Periodic reports (every 5 years or following substantial GSP amendments) will be submitted to DWR by April 1 at least every 5 years (2027, 2032, 2037, and 2042). The contents of annual and periodic reports are described in **Section 7.2**.