

Overview of SGMA, SVBGSA and Subbasin Implementation Committee



Why Groundwater is Important

Groundwater is an essential source of water we **consume** at home and in businesses and use to **grow food** for our local community and the world. It also plays a critical role in the health of our rivers and streams, including the ecosystems they support.

Groundwater is essential in the Salinas Valley, including the various subbasins that serve residents, businesses, farms, industries and the environment.



The Sustainable Groundwater Management Act (SGMA) Passed in September 2014



A compromise between one faction wanting State regulation of groundwater rights and one faction insisting on local management.



Locally driven

Groundwater is best managed locally, but this comes with responsibilities
Local definition of what constitutes sustainability
Locally agreed to plans for achieving sustainability

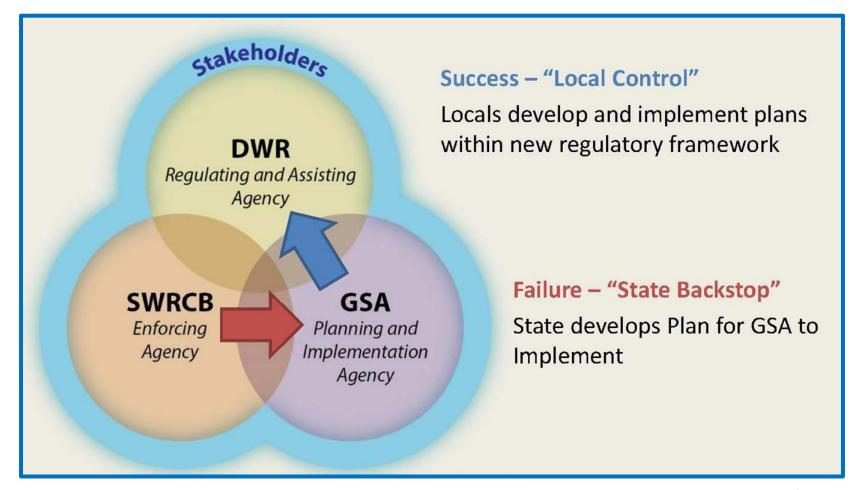


State backstop

State can temporarily take over groundwater management if a basin fails to meet certain requirement or milestones in SGMA

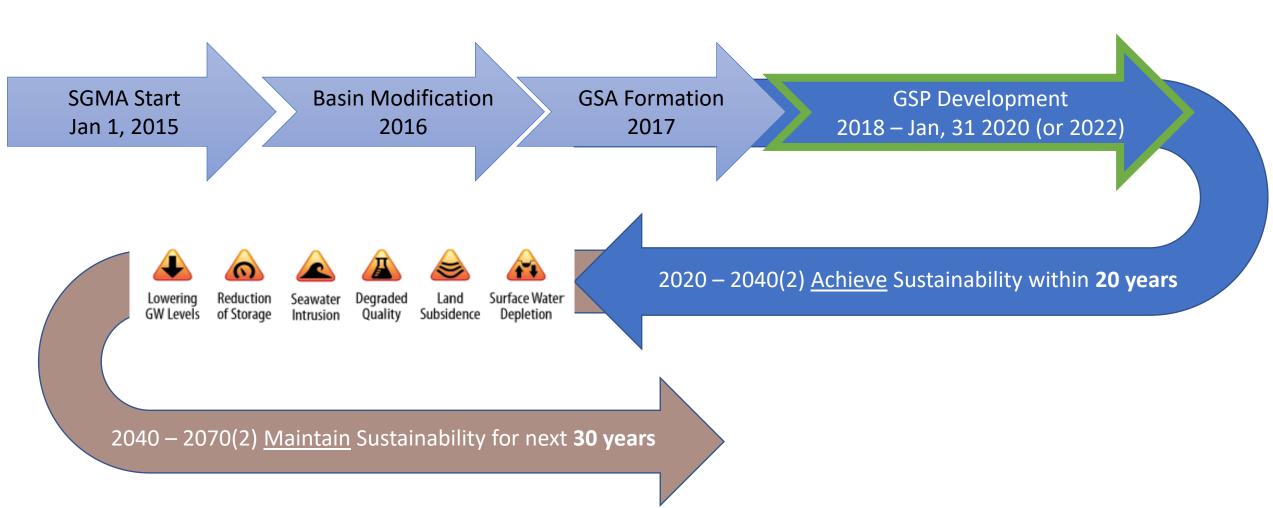


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SGMA Timeline and Steps to Sustainability





Non-SVBGSA Salinas Valley Forebay Aguifer Source: CA Bulletin 118 Groundwater Basins, PASO ROBLES Salinas Valley Basin

SVBGSA

- The Salinas Valley Basin Groundwater Sustainability Agency is a Joint Powers
 Agreement (JPA) that was established under California's Sustainable
 Groundwater Management Act (SGMA).
- The State of California tasked the SVBGSA with developing Groundwater Sustainability Plans (GSP)s for the 180/400 Aquifer by 2020 and for the Eastside, Forebay, Langley, Monterey, and Upper Valley Aquifers by 2022.
- Beyond developing the GSPs, the SVBGSA must also implement these plans in order to achieve/maintain basin sustainability by 2040(2).
- The SVBGSA will also complete an Integrated Implementation Sustainability Plan for the six subbasins where the SVBGSA has jurisdiction.



Salinas Valley Basin Groundwater Sustainability Agency



Joint Powers Authority (JPA) Purpose

Developed for the purpose of forming a Groundwater Sustainable Agency ("GSA") and achieving groundwater sustainability in the Salinas Valley Groundwater Basin.

Joint Powers Authority (JPA) Membership

County of Monterey

Monterey County Water Resources Agency

City of King

City of Soledad

Monterey One Water

Castroville Community Services District

City of Gonzalez

City of Salinas

Subbasin Committees:

180/400-Foot Aquifer Eastside

Monterey Langley

Forebay

Upper Valley

Salinas Valley Basin Groundwater Sustainability Agency

Board of Directors

Board Member Seat Representing

John Bramers Agriculture, 180/400 Aquifer
Bill Lipe Agriculture, Upper Valley Aquifer
Brenda Granillo CPUC Regulated Water Company

Colby Pereira Agriculture, East Side Aquifer & Langley

Janet Brennan Environment

Supervisor Luis Alejo Other GSA Eligible Entity

Anthony Rocha City of Salinas

Steve Adams South County Cities

Ron Stefani DAC or Public Water System Steve McIntyre Agriculture, Forebay Aquifer

Caroline Chapin Public Member

Advisory Committee: Technical and advisory body to the Board. 25 members who represent a range of expertise and interests throughout the Salinas Valley Basin.

Sustainability is Outcome Based

Each of the Six Sustainability Indicators have 3 Sustainability Management Criteria Terms



Each of the Sustainability Indicators has Management Criteria Defined in the GSPs



Steps to Compliance and Sustainability

GSP Development 2021-2022

Submitted GSP to Department of Water Resources

- Locally defined Sustainable Management Criteria
- Identified data gaps
- Described monitoring networks



Lowering

GW Levels



Reduction

of Storage



Intrusion



Quality



Subsidence



Surface Water

Depletion

2022 – 2042 Achieve/Maintain Sustainability within 20 years

- Implementation actions
- Management actions and projects
- > Be at sustainability at 2042

2042 – 2072 Maintain Sustainability for next **30 years**

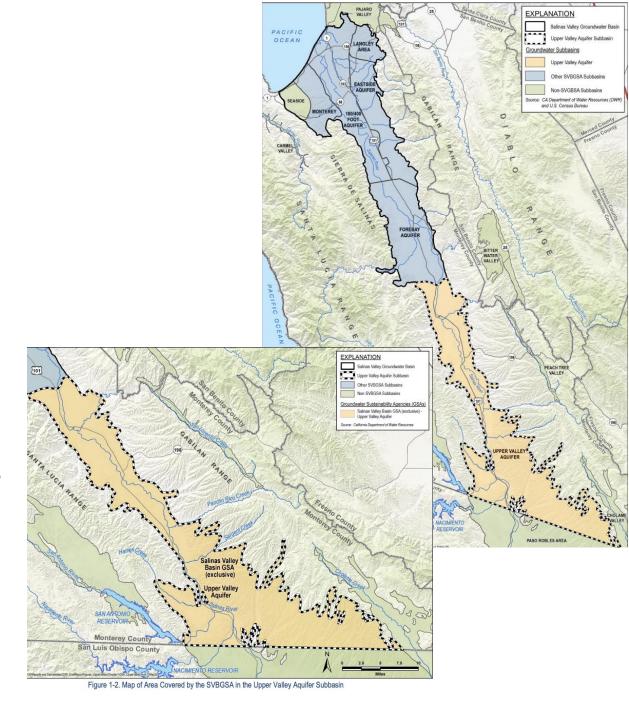
First 5 years: 2022-2027

- Fill data gaps/Complete monitoring networks
- Initiate Implementation Actions (example: Dry well notification system)
- Maintain stakeholder engagement
- Begin implementation of management actions and projects
- Review sustainable management criteria in Annual Reports
- Update GSP (2027)



Upper Valley Subbasin

- 237,670 acres (371 square miles) and contains the municipality of King City.
- Designated by DWR as a medium-priority subbasin
- The Upper Valley Subbasin has not historically been in overdraft,
 nor experienced chronic lowering of groundwater levels.
- From 1980 to 2016, the Subbasin was in overdraft during only 5
 years. However, there are a few areas away from the river where
 groundwater elevations have been declining.
- Given the Subbasin's extraction is currently close to the sustainable yield, the focus has been on a robust set of potential management actions and projects that could be undertaken if needed.



Subbasin Implementation Committee:

Charge:

- Advise and provide recommendations on the implementation of the Subbasin plan.
- The intent of the Committee is to review the sustainability status of the Subbasin and ensure the Subbasin is on a path to sustainability.

Duties:

- Monitor subbasin sustainability criteria,
- prioritize subbasin specific projects and management actions,
- seek community input and identify preferred funding mechanisms.



Subbasin Committees: Summary of membership (12)

Membership: Interested stakeholders who live or work in the Subbasin and have demonstrated effective collaboration and leadership working on water related topics.

The criteria for members are to:

- Work collaboratively with others
- Commit time needed for thoughtful engagement
- Experience with collaboration and leadership working on water related topics

Structure details:

- Not to exceed 12 members
- No alternates
- Board members (less than quorum)
- Individual member seats
- Two-year commitment
- Convenes after submission of GSP to DWR
- Each Subbasin determines meeting frequency
- If vacancies, application period annually in August

Striving to promote and maintain diversity on all SVBGSA committees



Thank you! Questions or Comments?

