



West San Jacinto Groundwater Sustainability Agency (GSA)
Development of the West San Jacinto Groundwater Sustainability
Plan (GSP) – March 24, 2021

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March 24, 2021

Introduction

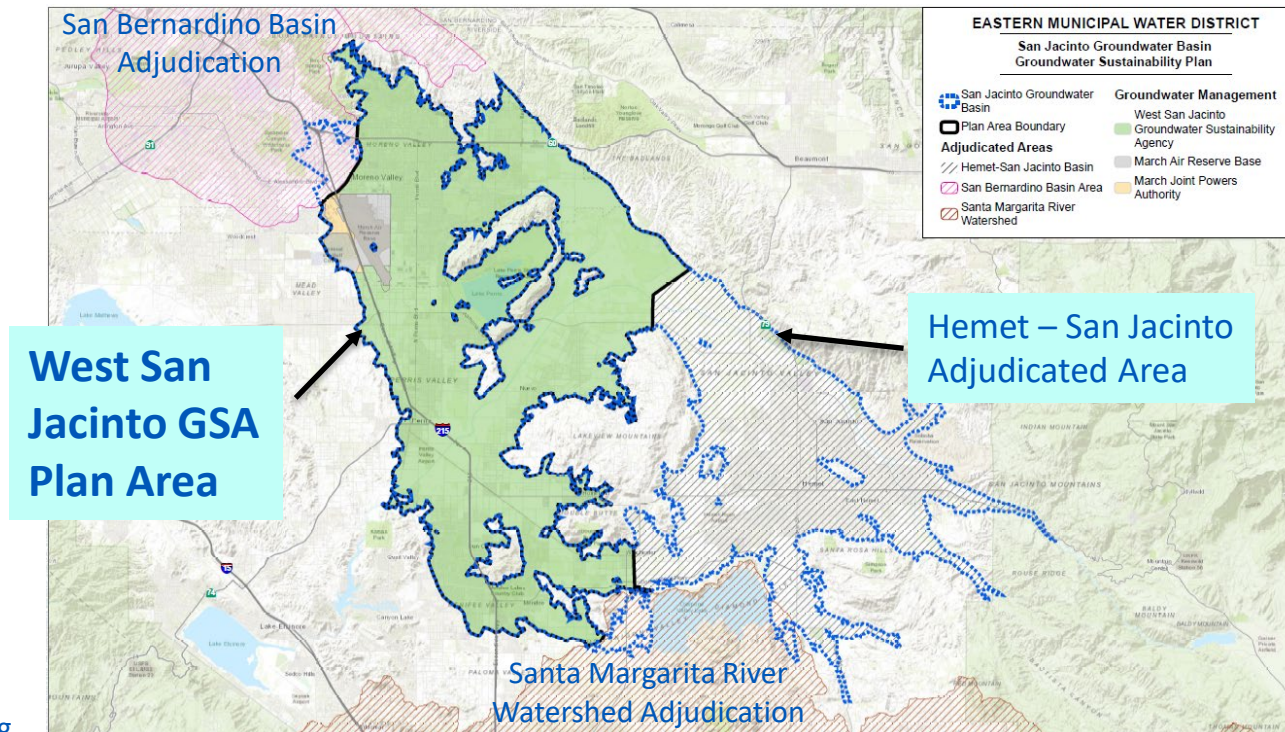
- Introduction
- Project Overview
 - What is the Sustainable Groundwater Management Act?
 - What is a Groundwater Sustainability Plan?
 - Update on the Groundwater Sustainability Plan Development
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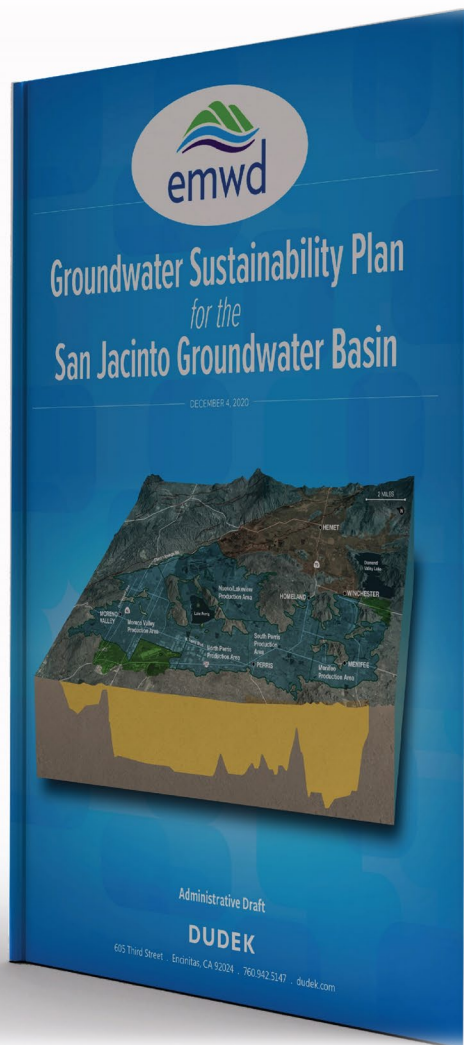
Project Overview

Sustainable Groundwater Management Act

- EMWD is the Groundwater Sustainability Agency (GSA) for the non-adjudicated portion of the San Jacinto Groundwater Basin (the West San Jacinto GSA)
 - DWR ranked the San Jacinto Basin as a high-priority basin
 - As the GSA, EMWD is required to submit a Groundwater Sustainability Plan (GSP) to DWR by January 31, 2022



GSP Document Outline



GSP Outline



Chapter 1

Introduction, duties, responsibilities and powers of the GSA



Chapter 2

Technical background: basin setting, water budget, and sustainable yield



Chapter 3

Sustainable Management Criteria and Monitoring Plan

- Sustainability Goal,
- Minimum Thresholds,
- Measurable Objectives,
- Recommend metering all extraction >2 AFY



Chapter 4

Projects and Management Actions

- Planned
- Potential (if needed)



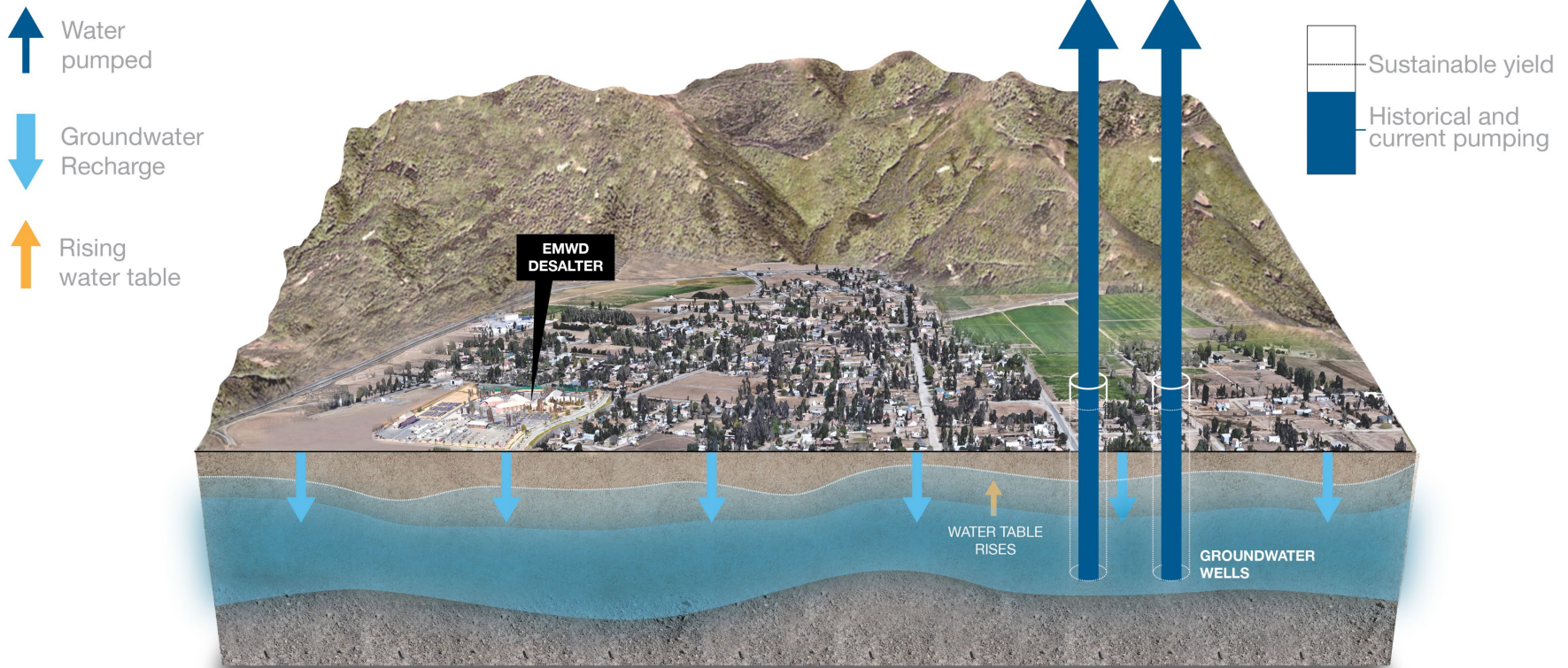
Chapter 5

GSP Implementation

Sustainable Yield - Historical and Current Plan Area Conditions

Historical and Current Plan Area Conditions

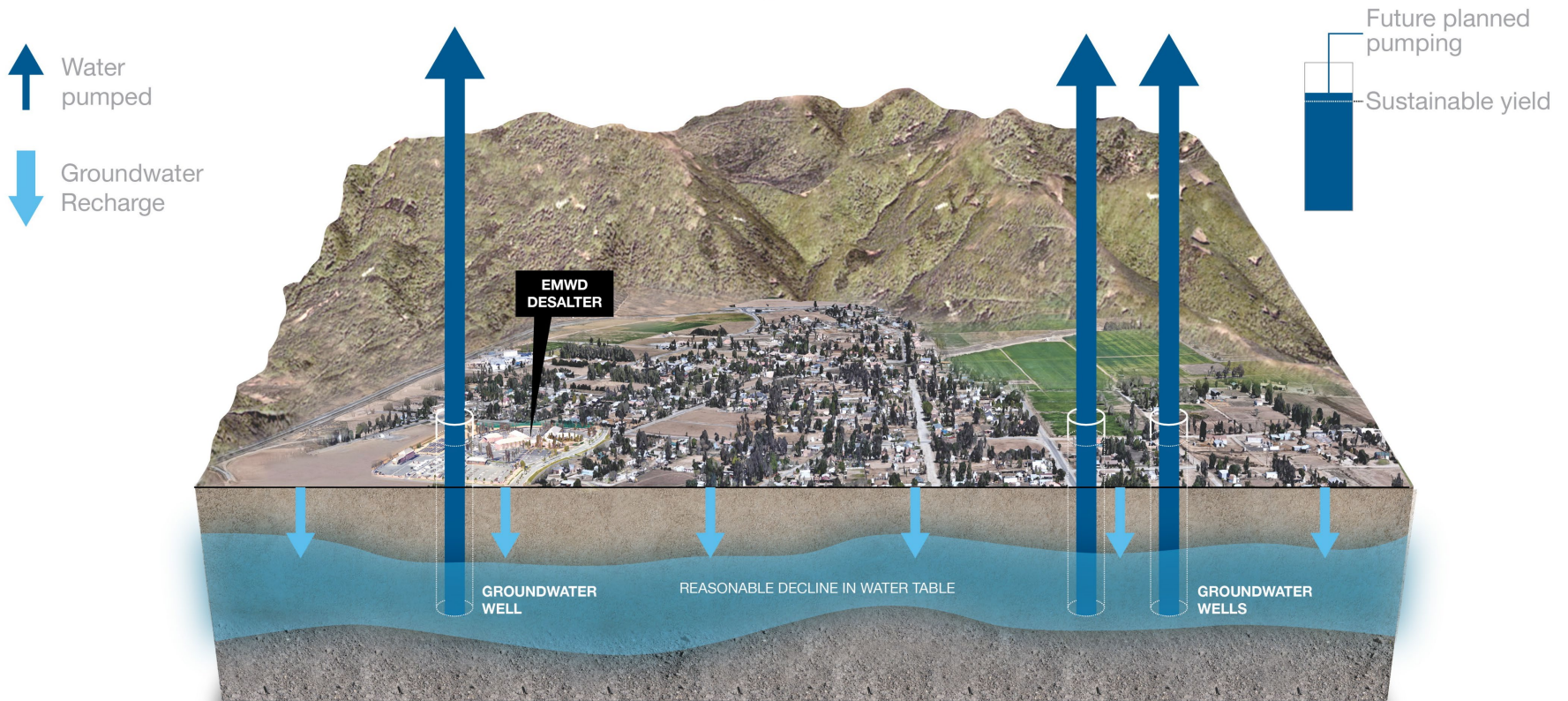
Water table level rises. Recharge exceeds amount pumped.



Sustainable Yield - GSP Future Baseline Conditions in the Plan Area

Future Plan Area Conditions

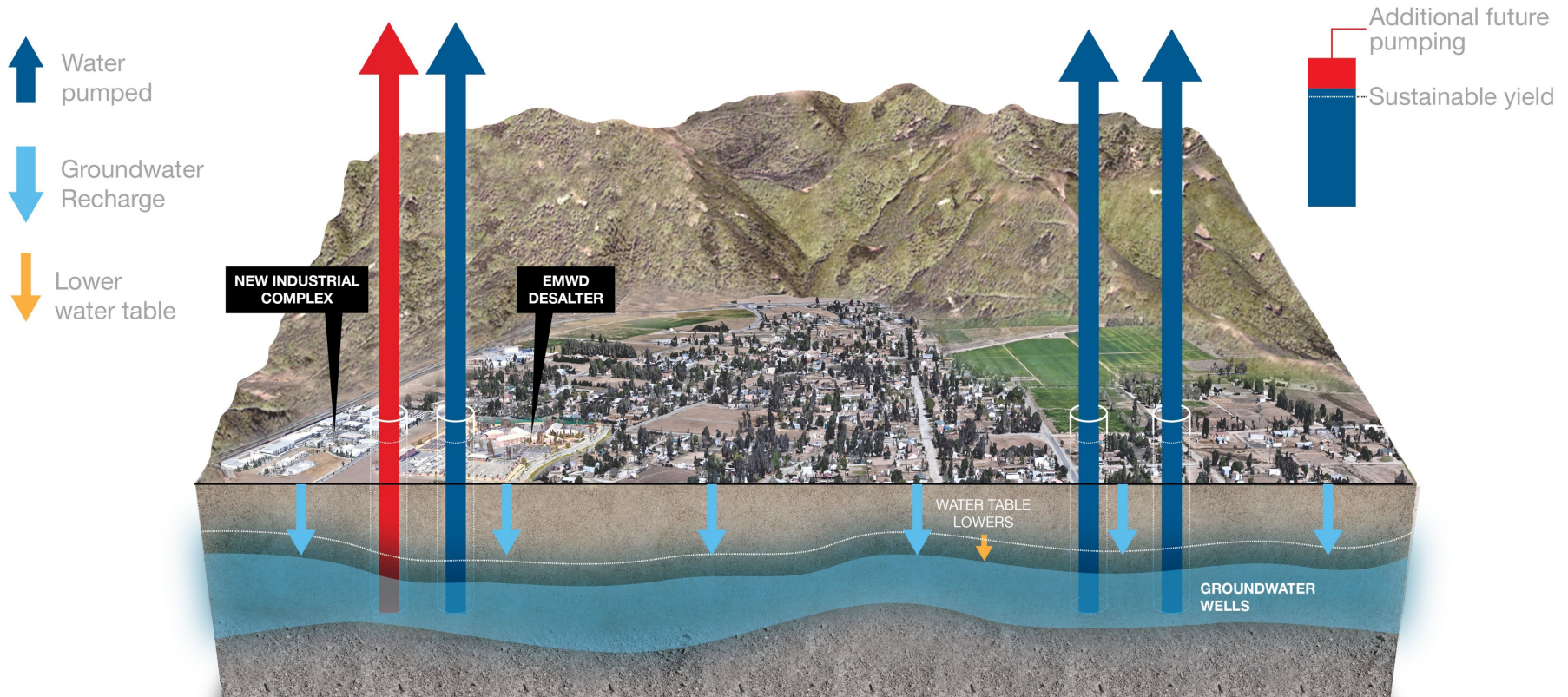
Reasonable decline in water table. Amount pumped slightly exceeds amount of recharge.



Sustainable Yield - Hypothetical Future Conditions in the GSA Plan Area

Hypothetical Future Scenario

Water table lowers. Additional pumping causes amount pumped to exceed recharge.



Future Planned Groundwater Production in the GSA Plan Area

Scenario	Project Defined in GSP and/or Undertaken by EMWD	GSA Authority
Historical and Current Pumping	Documented in technical background and groundwater modeling	None required
Future Planned Production	Perris North Program Desalter Program DWR Seepage Recovery Program MARB EGETS Water Rights (EMWD, City of Perris)	None required

Future Unplanned Groundwater Production in the GSA Plan Area

	Scenario	Project Defined in GSP and/or Undertaken by EMWD	GSA Authority
Unplanned Future Production	Existing Private Pumper Production Increase	<ul style="list-style-type: none"> Metering of all wells producing >2 AFY in the Plan Area Require reporting of all pumping in Plan Area Acquire well drilling permits from Riverside County DEH Assess feasibility of supplying recycled water to private producers and/ or industry 	<p>Additional Future Options¹</p> <ul style="list-style-type: none"> Regulate, limit, or suspend groundwater extraction Develop a groundwater allocation Impose extraction fees <p>Note: ¹Currently listed as potential projects, but not currently proposed for implementation in the GSP. These would require public outreach and Board action.</p>
	Golf Course Switches to Groundwater		
	New Private Pumper > 2AFY		
	Industry – Example: industrial or water bottling company		

GSA Authority (Post GSP Adoption)

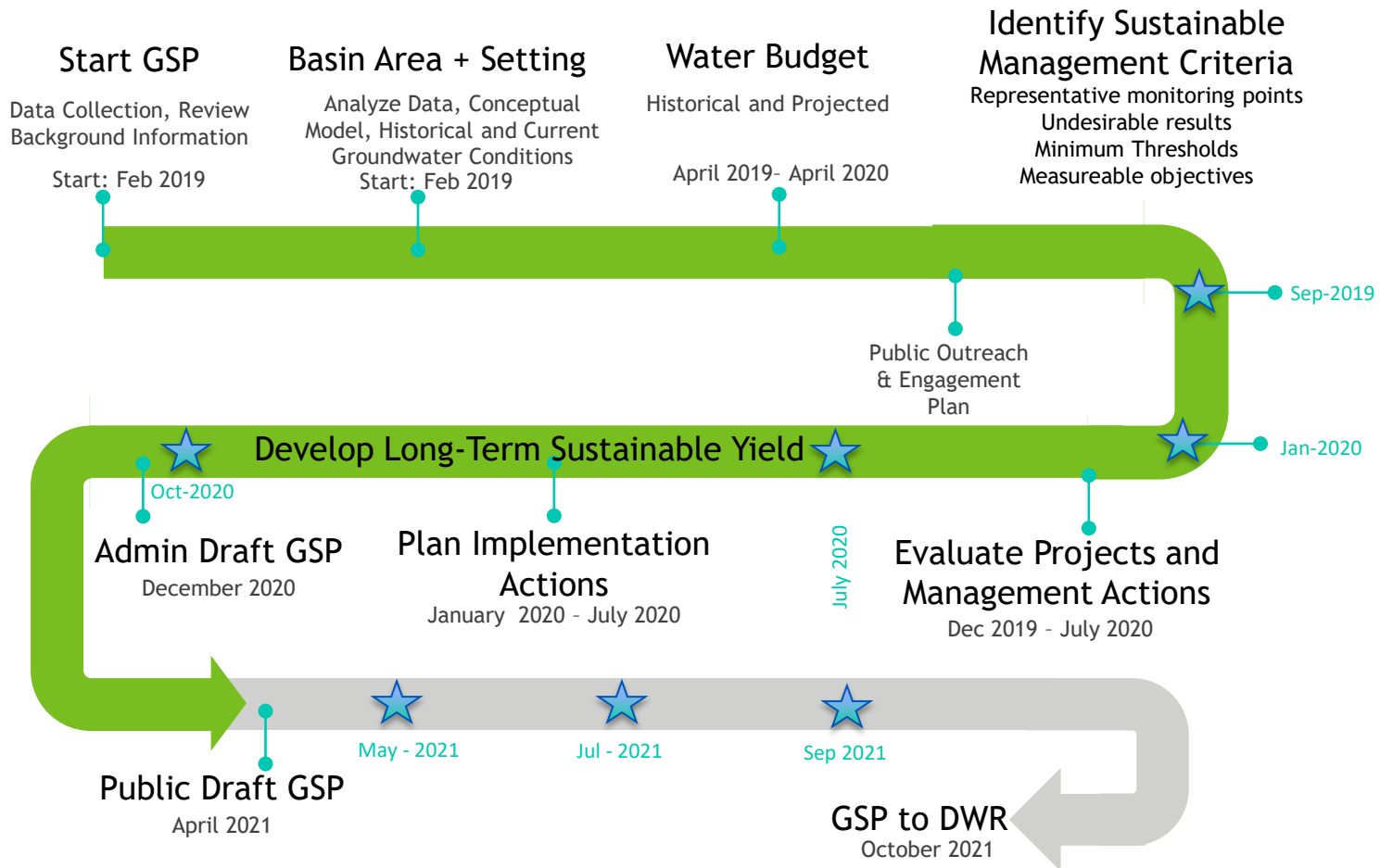
Authority	Project Defined in GSP and/or Undertaken by EMWD	California Water Code Section
Well Metering – Document all GW production in the Plan Area	<ul style="list-style-type: none"> Require registration of extraction facilities Require metering of every well producing more than 2 acre-feet per year 	<p>[§10725.6] [§10725.8]</p>
GW Acquisition and GW Rights Acquisition	<ul style="list-style-type: none"> Appropriate and acquire surface water or GW and surface water or GW rights Import surface water or groundwater, conserve and store within or outside the agency 	<p>[§10726.2]</p>
Limiting Production	<ul style="list-style-type: none"> Fixing the amount of GW production from a GW extraction facility Regulating, limiting, or suspending extractions from GW wells, construction of new GW wells, enlargement of existing GW wells, or reactivation of abandoned GW wells 	<p>[§10732 (a)(1)] [§10726.4(a)(2)]</p>
Fees and Enforcement	<ul style="list-style-type: none"> The GSA can impose fees Owners that have not paid within 30 days will be subject to interest of 1% per month on delinquent fees GSA can bring suit for collection of delinquent fees, interest, or penalties and may seek attachment against the property 	<p>[§10730.6]</p>



Timeline and Next Steps



GSP Development Process Timeline



★ Stakeholder Meeting

Next Steps

- GSP Adoption Process
 - Release the GSP for public review (Spring 2021)
 - Provide 90 day advance public notice of Board hearing to adopt the GSP
 - Schedule the Public Hearing for September 15, 2021
 - Consider comments received during the public review period
 - Adopt the GSP at a Public Hearing on September 15, 2021
- Preparation for GSP Implementation
 - Engage Public and Governmental Affairs to assist with public outreach regarding projects and management actions in the GSP
 - Metering of wells
 - Reporting groundwater extractions
 - Board to consider management actions, if needed



SGMA Webpage

SGMA Webpage

<https://www.emwd.org/post/sustainable-groundwater-management-act>



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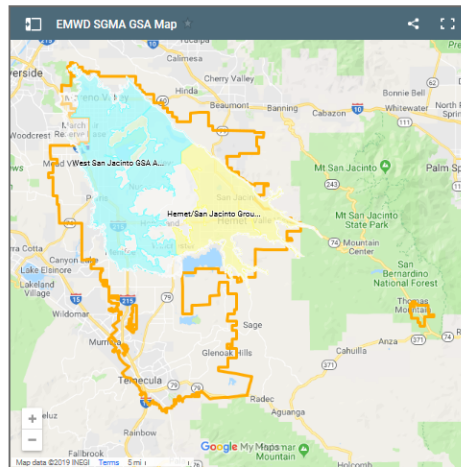
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Sustainable Groundwater Management Act

The objective of SGMA is sustainable groundwater management in a manner that prevents significant and unreasonable impacts to groundwater basins in California. Under SGMA, each high and medium priority basin, as identified by the California Department of Water Resources (DWR), is required to have a Groundwater Sustainability Agency (GSA) that will be responsible for groundwater management and development of a Groundwater Sustainability Plan (GSP). EMWD Board of Directors is the GSA for the West San Jacinto Groundwater Basin and is responsible for development and implementation of a GSP.

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Background



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Discussion



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