

Supplemental Information Packet

Agenda 2 Presentation

Meeting November 17, 2020

Supplemental Packet Date: November 17, 2020

D. Gallegos

Supplemental Information:

Any Agenda related public documents received and distributed to the Water Commission after the Agenda Packet is printed are included in Supplemental Packets. Supplemental Packets are produced as needed. The Supplemental Packet is available on the City's website.

<https://www.cityofventura.ca.gov/716/Water-Commission>.

Groundwater Sustainability Update



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Management Analyst II

Water Commission Meeting
November 17, 2020

 www.cityofventura.ca.gov

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SGMA Implementation Deadlines

Date	Action
June 30, 2017	Formation of GSAs
Jan. 31, 2020	Completion of GSPs in critically over drafted basins
Jan. 31, 2022	Completion of Plans in all other high/medium priority basins
20 years after adoption of plan	High- and medium-priority basins achieve sustainability

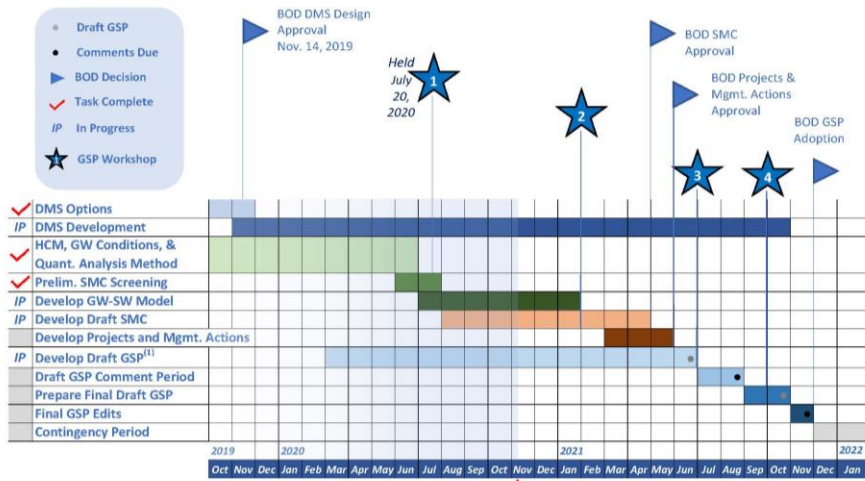
DWR may grant up to two, five-year extensions on implementation upon showing of good cause and progress

Local Groundwater Basins

SUBBASIN/ BASIN	PRIORITY	Comments CASGEM Prioritization
Santa Paula / Santa Clara River Valley	Very Low	Nitrates can fluctuate significantly in the basin, and above MCL. Other inorganics present above MCL. TDS is known to be high
Mound / Santa Clara River Valley	High	Some primary and secondary inorganic contaminants above the MCL (B-118)
Oxnard Plain (inc. Forebay) / Santa Clara River Valley	High	Saline intrusion, nitrates, pesticides, and PCBs have impacted some water wells per (B-118)
Upper Ventura River / Ventura River Valley	Medium	Calcium carbonate sulfate character. TDS content ranges from 732 to 1420mg/L. Average TDS reported at 680mg/L (VCWA 1996). TDS is high in some parts of subbasin
Lower Ventura River / Ventura River Valley	Low	Hydrogen Sulfide gas reported during periods when water levels are lowest. High Sulfate and Nitrate minerals are common.

Upper Ventura River GSP Schedule

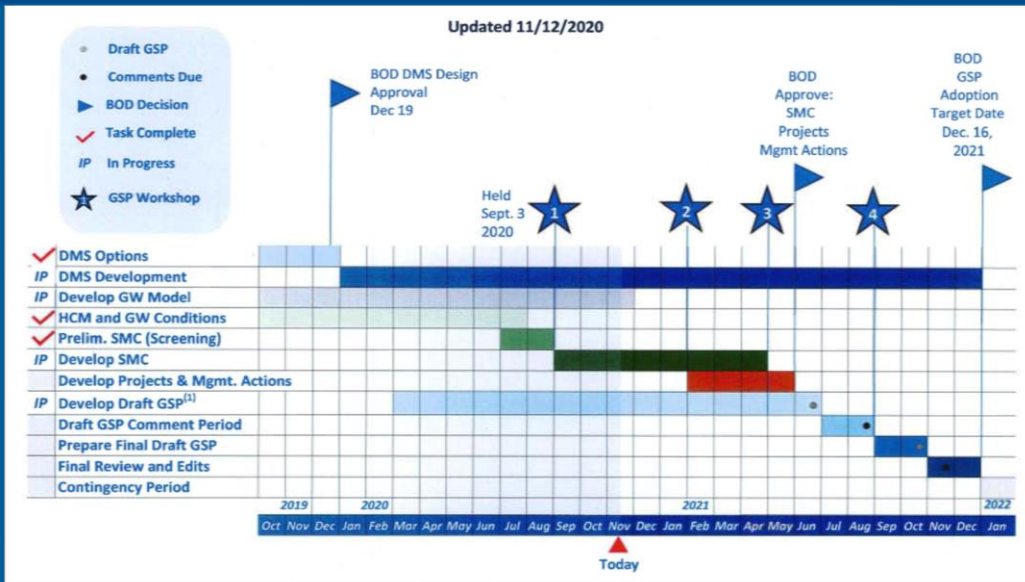
GSP Development Schedule Updated November 7, 2020



Notes:

(1) GSP topics not listed above generally consist of background or supporting information and will be prepared concurrently with the above-listed tasks.
 BOD = Board of Directors; DMS = Data Management System; HCM = Hydrogeologic Conceptual Model; GSA = Groundwater Sustainability Agency;
 GSP = Groundwater Sustainability Plan; GW = Groundwater; SW = Surface Water

Mound Basin GSP Schedule



Fox Canyon GMA Update

- Allocation ordinance approved – October 2019
- GSPs approved - December 2019
- Oxnard Plain Stakeholder Facilitation began – June 2020
- Allocation ordinance effective – October 2020

Fox Canyon Allocation Ordinance

- Base period = 2005-2014
- Outstanding issues
 - Santa Clara River surface water deliveries
 - Carryover of surface-water allocations
- Previous Allocation Ordinance Schedule
 - Adopt = June 26, 2019
 - Effective = October 1, 2019
- Current Allocation Ordinance Schedule
 - Adopt = September 2019
 - Effective = October 2020

GSP Development Overview

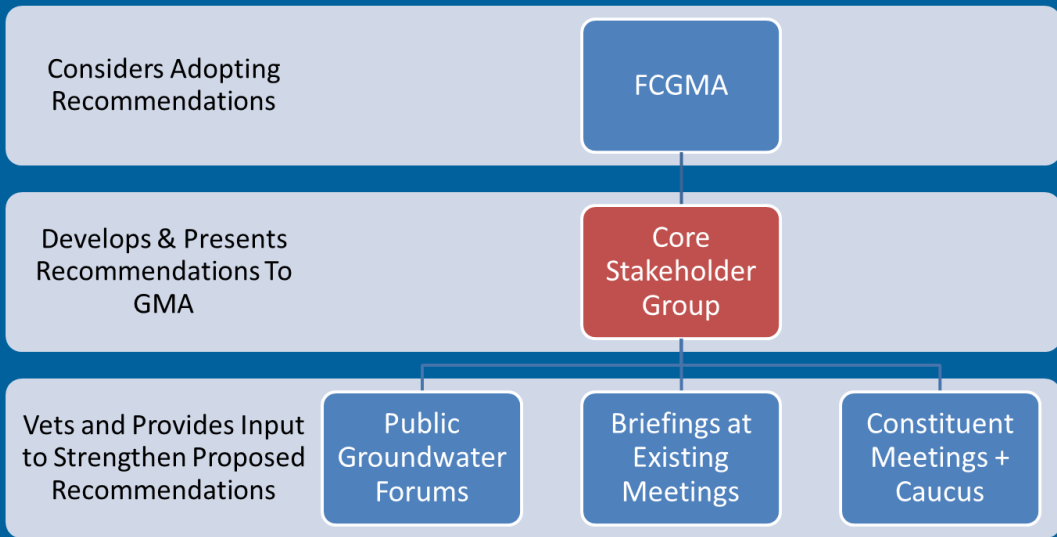
- United Water Conservation District model
 - Used to investigate production rates that mitigate undesirable results.
- SGMA required scenarios
 - Future Baseline
 - Sustainable Yield without projects
 - Sustainable Yield with projects
- Sustainable Yield = production rate at which undesirable results are avoided.
- Model scenarios do not recommend management strategies.

- Current Extraction Rates (2016-2019) = 88,400 AFY
 - Base period extraction (2005-2014) – 90,200 AFY
- Modeled Sustainable Yield = 50,600 AFY
- Proposed Reductions = 44%

Fox Canyon GSPs Implementation

- Potential legal challenges to Ordinance and GSPs.
- Ramp down to sustainable yield not currently addressed.
- Facilitated Stakeholder Process initiated

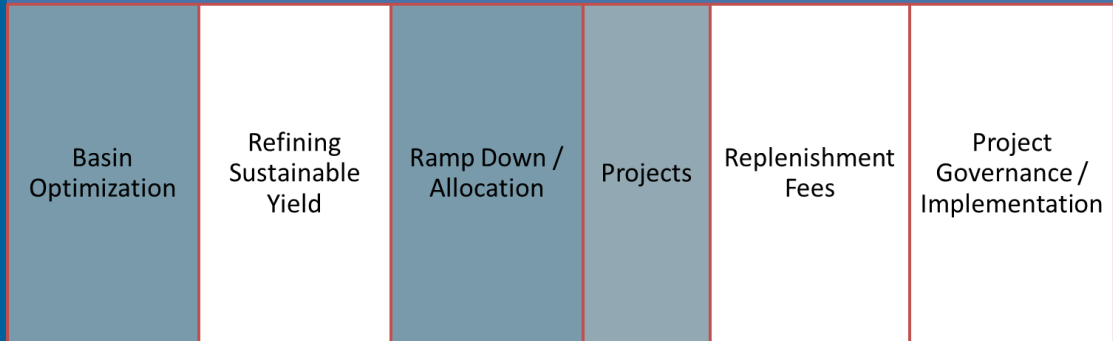
OPV Facilitated Process Structure



Core Stakeholder Group Composition

Interests	10-15 Representatives
Agriculture	Different Crop Types / Water Demand
	Landowner and Renter
	Packer - Shipper
	Operations across both Basins
Environmental	Nonprofit Organizations
Governmental	County, Cities
Municipal and Industrial	<i>Overlaps with Governmental and Water Resources Management</i>
Water Resources Management	<i>Overlaps with Governmental, Municipal & Industrial, and Agriculture</i> Water Districts and Agencies
Public Interest	<i>Exploring governmental reps and engagement with Disadvantaged Community Organizations</i>

GSP Implementation



Legal Ad Hoc Committee

- 7 Core Stakeholder Group members
- Attorneys participating in meetings going forward
- Operating under mediation confidentiality agreement; other core group members can attend if they concur with mediation confidentiality
- Stakeholders paying cost- shares for CBI to provide facilitation

Projects Committee

- Analyze and frame options for increasing the sustainable yield of the basin
- Consider possible basin optimization actions and water supply projects
- Recommendations based on
 - cost-benefit analysis
 - project feasibility
 - impacts to the price of water
 - impacts to water quality
 - drought resilience
 - multi-benefit considerations
 - timeline for project benefits to accrue

Santa Paula Basin

- The 2019 Santa Paula Basin Annual Report was completed and submitted to the Court on October 13, 2020.
- Technical Advisory Committee continues to meet as needed.

Questions?