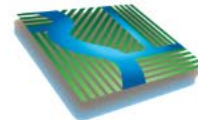




Chowchilla Subbasin

Revised GSP Public Workshop

August 16, 2024



DAVIDS
ENGINEERING, INC



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Agenda

- Guiding Principles
- Background
- Second Amendment to the Domestic Well Mitigation Program (DWMP)
- Chowchilla Management Zone MOU (CMZ MOU)
- Demand Management Program and Subsidence MOU
- Subsidence Sustainable Management Criteria (SMC)
- Next Steps and Timeline
- Questions

Guiding Principles

- Avoid a probationary hearing before the State Water Resources Control Board (SWRCB) and get back to the Department of Water Resources (DWR) as soon as possible.
- Keep our foot on the gas peddle.

Background

- Original GSP Submitted January 2020
- First Revision Submitted July 2022
- Second Revision Submitted May 2023
- Significant coordination with the SWRCB
 - SWRCB Board Members
 - 4/24/2023
 - 5/23/2023
 - SWRCB Staff
 - 6/29/2023
 - 7/11/2023
 - 4/26/2024
 - 6/10/2024

Second Amendment to the DWMP

- What we heard from the SWRCB

- The DWMP should provide mitigation for water quality concerns.
- The DWMP should include provisions for temporary mitigation services.
- The \$30k funding limit for mitigation measures may be insufficient to cover actual costs.
- Clarify funding source for DWMP implementation

- Proposed GSA Response

- Clarify that the DWMP will provide mitigation for domestic wells resulting from both declining GW levels and degrading water quality.
- Clarify that the DWMP will provide temporary mitigation services until permanent mitigation is in place.
- Clarify that estimated mitigation costs over \$30k will be reviewed on a case-by-case basis, set review criteria.
- Clarify that State and/or Federal funding shall not be used for implementation of the DWMP and where funding is anticipated to come from.

CMZ MOU

- What we heard from the SWRCB
 - The DWMP should provide mitigation for water quality concerns, there should be coordination with other regional programs.
- Proposed GSA Response
 - Coordination with the CMZ on:
 - Compilation and assessment of groundwater data.
 - Groundwater monitoring.
 - Testing of domestic wells for water quality.
 - Development of a review process for siting of new wells to avoid water quality issues.
 - Mitigation of dry wells.

Demand Management Program and Subsidence MOU

- What we heard from the SWRCB
 - The GSAs must provide a “backstop” and define triggers for implementation, as necessary.
 - The GSAs must consider financial mitigation for subsidence impacts, as necessary.
- Proposed GSA Response
 - Develop a Demand Management and Subsidence Mitigation MOU.
 - Allow space for Program to be developed - implementable no later than January 1, 2026.
 - Voluntary and Mandatory Measures.
 - Triggers for action.
 - Only to be implemented if necessary.

Subsidence SMC

- What we heard from the SWRCB
 - A greater explanation and rationale is needed for the selection of the subsidence UR.
 - The subsidence Interim Milestones (IMs) should be more restrictive to reduce active and future subsidence.
- Proposed GSA Response
 - Revise RMS as part of first Periodic Evaluation/Plan Amendment
 - Critical Infrastructure Operator Group
 - Detailed Critical Infrastructure Interviews
 - SJRRP is using a cumulative subsidence of 2.5 and 5 feet for two of their planned projects.
 - Revised UR and IMs
 - Set annual and cumulative subsidence limits

Subsidence SMC Cont.....

Interval Ending at Year	Management Area	Maximum Average Annual Rate of Subsidence (feet)	Maximum 5-Year Cumulative Subsidence (feet)
2025	Western Management Area (WMA)		2.25
2030	Western Management Area (WMA)	0.2	1.0
2035	Western Management Area (WMA)	0.1	0.5
2040	Western Management Area (WMA)	0.05	0.25
2025	Eastern Management Area (EMA)		2.25
2030	Eastern Management Area (EMA)	0.2	1.0
2035	Eastern Management Area (EMA)	0.1	0.5
2040	Eastern Management Area (EMA)	0.05	0.25

Next Steps and Timeline

- Revised GSP Timeline

- Public Review – 8/2/2024 to 9/2/2024
- GSP Advisory Committee Meeting – 8/7/2024
- Public Workshop Webinar – 8/17/24
- GSA Governing Body Consideration – 9/9/2024 to 9/27/2024
- Formally Submit Revised GSP to SWRCB - 10/4/24

- Demand Management and Subsidence MOU

- Development of Program by January 1, 2026
- Implementable, as necessary, by January 1, 2026



Questions?