

Agenda Item #9



GREATER KAWEAH
GROUNDWATER
SUSTAINABILITY
AGENCY

www.GreaterKaweahGSA.org

Special Combined Meeting- Rural Communities Stakeholder Committee Land Following Ad hoc

Discussion of Well Mitigation Program Development

Tuesday February 21, 2023

Mark Larsen (presenting)

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The following is a discussion of the development of a Well Mitigation Program, necessary as a commitment identified in the Greater Kaweah Groundwater Sustainability Plan (GSP) and detailed in the Kaweah Subbasin Coordination Agreement.

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The need behind a Well Mitigation Program

- **MANAGEMENT:** GSP identifies Sustainable Management Criteria (SMCs) in the Greater to avoid significant and unreasonable impacts
- **IMPACTS:** Analysis of data suggests there may be impacts
 - Uses/users
 - Municipal
 - Domestic
 - Agricultural
 - Industrial
 - Land Use
 - Wells
 - Infrastructure
 - Property

3

Elements of a Well Mitigation Program

- **Identification**
 - Application process
 - Data collection
- **Evaluation**
 - Adverse impact?
 - Connection to Unreasonable?
- **Qualification**
 - Grower compliance with GSP & Rules and Regs

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Elements (continued...)

- Mitigation
 - Groundwater level impacts
 - Repairing, modifying, or deepening well
 - New well
 - Temporary or replacement water
 - Consolidation
 - Land use impacts
 - Increased restrictions
 - Repair channels or pipelines
 - Repair infrastructure
 - Repair damaged wells

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Additional Thoughts

Next Steps

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