

RECOMMENDED CORRECTIVE ACTION		TASK (by GSA)	RESPONSIBLE PARTY	START DATE	COMPLETION DATE	COST
RCA 1	Assess the potential impact of the established Minimum Thresholds for chronic lowering of groundwater levels on domestic wells.	Conduct volunteer well registration program.	GSA/CGA			
		Desktop domestic well reconnaissance and verification using OWSCR dataset.	EKI			
		Outreach and field canvass.	GSA/CGA			
		Expand representative and/or supplemental monitoring network to include additional domestic wells.	GSA/CGA			
		Summarize, map, and evaluate domestic well data for completeness.	EKI			
		Calculate impacts of Minimum Thresholds for chronic lowering of groundwater levels on domestic wells.	EKI			
		Summarize Data Gaps for Plan Evaluation.	EKI			
		Prepare text and figures for Plan Evaluation.	EKI			
RCA 2	Revise the Undesirable Results definition for chronic lowering of groundwater levels to be based on impacts due to lowering of groundwater levels (i.e., the number or percentage of wells that the GSAs deem acceptable to impact due to lowering of groundwater levels) and update the minimum thresholds accordingly.	GSA Workshop to revise the definition of Undesirable Results for chronic lowering of groundwater levels.	GSA/CGA/EKI			
		Update Minimum Thresholds (no model update costs).	EKI			
		GSA workshops to develop programs to verify and mitigate reported impacts on domestic wells.	EKI			
		Update relevant text and figures for Plan Amendment including Projects and Management Actions to mitigate Undesirable Results.	GSA/CGA/EKI			
RCA 3	Conduct the necessary investigations or studies to better understand the relationship between groundwater levels and degraded water quality.	Utilize data set ¹ resulting from SGMA monitoring program, and other publicly available data to re-evaluate relationships between water quality, water levels, and pumpage.	EKI			
		Evaluate potential impact of findings on Minimum Thresholds for degraded groundwater quality.	EKI			
		Prepare text and figures for Plan Evaluation.	EKI			
		Update Minimum Thresholds, if needed, as part of Plan Amendment.	EKI			
RCA 4	Establish sustainable management criteria for land subsidence based on direct measurements of land elevation changes.	Utilize data gap filling efforts addressed under RCA 6.	EKI			
		GSA Workshop to revise the definition of Undesirable Results for Land Subsidence.	GSA/CGA/EKI			
		Develop Sustainable Management Criteria (Minimum Thresholds, Measurable Objectives, and Interim Measures) based on land surface elevation changes for Plan Amendment.	EKI			

RCA 5	Implement DWR guidance on evaluating surface water depletions, when available. Recent guidance confirms GSAs are only responsible for depletions caused by pumping within the GSA. ²	Update RMW-ISW monitoring network (New Hope monitoring wells and re-activated stream gages).	GSA/CGA/EKI			
		Utilize CoSANA to quantify stream depletions attributed to pumping per DWR guidance (assumes no updates to the model).	EKI			
		Prepare text and figures for Plan Evaluation.	EKI			
		GSA Workshops to revise the definition of Undesirable Results for Interconnected Surface Water (depletions).	GSA/CGA/EKI			
		Collaborate and coordinate with local, state, and federal regulatory agencies and other interested stakeholders to better understand the beneficial uses and users potentially impacted by pumping induced surface water depletions within the GSA's jurisdictional areas (for example, reactivating the Surface Water Advisory Group [SWAG]).	GSA/CGA/EKI			
		Utilize DWR guidance, when available, to revise Minimum Thresholds for depletions as part of Plan Amendment.	EKI			
		Update relevant text and figures for Plan Amendment including Projects and Management Actions to prevent Undesirable Results.	EKI			
RCA 6	Expand the land subsidence monitoring network to provide sufficient coverage of the Subbasin.	Investigate established monuments and existing land surface elevation monitoring programs.	GSA/CGA/EKI			
		Integrate existing monitoring programs with DWR InSAR data and existing GPS station to identify data gaps.	EKI			
		Establish land surface elevation (RMS-LS) monitoring network.	GSA/CGA/EKI			
		Prepare text and figures for Plan Evaluation.	EKI			

- 1. Red text will be addressed as part of a Plan Amendment.
- 2. Assumes previously established protocols for all RMW-WQs are followed: ensure required water quality data constituents are analyzed, water levels are measured in the well at the time of sampling, water production is measured/estimated and recorded at the time of sampling and implementing the Trigger Threshold response (increase monitoring frequency for wells that exceed the TT). The protocols include direct outreach to PWS that reports pumpage to request groundwater level measurements be collected and recorded when routine sampling is conducted.
- 3. Schedule depends on release data of final DWR guidance document and could be further influenced by the status of any CoSANA updates.