8 PLAN IMPLEMENTATION

The GSP implementation period begins in 2020 and continues until 2040, when the KRGSA anticipates meeting its sustainability goal. During this period, Phase One projects are scheduled to begin in 2020 and continue as needed. Phase Two projects and actions will be evaluated during the first two Five-year periodic GSP updates and implemented in 2030, as needed.

8.1 GSP IMPLEMENTATION

Implementation of Phase One projects and management actions are all anticipated to begin in the first five years of the 20-year GSP implementation period as indicated on **Table 8-1**. As indicated in the table, the five-year period in which the project is first implemented is indicated by light green on **Table 8-1**. Projects or actions that will continue to be modified and adapted over time are considered continuations of the project or action and are shown by the dark green on **Table 8-1**.

Costs of the projects and actions are in development and will be included in the Final GSP.

8.2 ANNUAL REPORTING

The Subbasin is currently working on a coordinated effort to develop an approach for the First Annual Report due April 1, 2020. For this effort, GSA managers intend to provide Annual Report information to one party for development of one coordinated Annual Report for the Subbasin. Report will include Subbasin-wide contour maps, and compiled information on GSP implementation activities. Subbasin managers are currently considering options for developing a consistent change in groundwater in storage for the entire Subbasin.

For the KRGSA GSP, annual reports will improve over time as management actions are implemented. Groundwater extractions will be estimated for private unmetered wells until the metering program is fully operational. The detailed checkbook water budget will be updated and streamlined to facilitate effective annual reporting in the future.

8.3 PERIODIC EVALUATIONS

The GSP and monitoring protocols will be evaluated every five years as part of the five-year GSP periodic update. As indicated above, implementation of the Phase One projects and management actions will begin in the first five years. Depending on the complexity of the project or action, implementation will continue into future five-year periods and will be tracked and updated in subsequent five-year periodic evaluations. An evaluation of groundwater conditions and an updated water budget will be used to evaluate then-current progress toward meeting MOs and MTs throughout the KRGSA GSP Plan Area.

Table 8-1: GSP Implmentation Schedule

KRGSA GSP Implementation		2020-2025	2026-2030	2031-2035	2036-2039	2040
Phase 1	**GSP Projects**					
7.1.1	Water Allocation Plan					
7.1.2	Kern River Conjunctive Use					
7.1.3	Urbanization of Agricultural Lands					
7.1.4	ENCSD North Weedpatch Consolidation					
7.1.5	Water Exchange for Improved Drinking Water Quality for DACs					
Phase 1	**Management Actions**					
7.2.1	Actions Triggered if Water Levels Fall below Minimum Thresholds					
7.2.2	Implement Well Metering in the Agricultural MA					
7.2.3	Reporting of Groundwater Extractions					
7.2.4	Conserve Recycled Water in KRGSA Plan Area					
7.2.5	Support Delta Conveyance Project to Preserve Imported Water Supplies					
7.2.6	ID4 Climate Change Adaptation Strategies					
7.2.7	Support Sustainable Groundwater Supplies for DACs					
7.2.8	Improve Documentation of Well Construction in the KRGSA Plan Area					
7.2.9	Coordinate Water Quality Analysis through Existing Monitoring Programs					
7.2.10	Continue to Evaluate Sustainable Management Criteria					
Phase 2	**GSP Projects and Management Actions**					
7.3.1	Expansion of the Northeast Treatment Plant to Buildout					
7.3.2	Capital Improvements to Municipal Wells					
7.3.3	Install Dedicated Monitoring Wells					
7.4.1	Pumping Reductions and Allocation of Agricultural Groundwater					
7.4.2	Conversion of Agricultural Lands					
7.4.3	Urban Conservation Measures					
7.4.4	Re-negotiation of Banking Contract					
7.4.5	Adaptive Management					

Project/Action Implementation Period
Project/Action Continuation Period

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