



Funding List Tables

Table 1: Proposition 68, Implementation, Round 1, Funding List

Disclaimer: The Recommended Award, Matching Funds, and Total Project Cost are all estimated and conditional until final terms and conditions are agreed upon and an agreement has been executed. The awarded grant amount listed in the executed agreement can be less than the Recommended Award amount listed here based upon final negotiations between the Awardee and DWR. DWR staff may determine certain tasks are not eligible or do not meet the requirements outlined in the 2019 Guidelines and 2020 PSP and are subject to change.

Basin No./ Name	Organization Name	Proposal Title	County	Project Description	Score	Notes	Total Project Cost	Amount Requested	Recommended Award
5-022.08/ Kings	Fresno Irrigation District	Kings Basin 2021 GSP Implementation Projects	Fresno, Tulare	A primary goal of the entire Kings Basin is to slow the decline of groundwater levels to reach and maintain sustainable groundwater levels and storage. The four component projects are recharge projects that directly benefit four local DAC/SDAC areas in Fresno and Tulare Counties that rely solely on groundwater for their domestic water supply (Shady Lakes Mobile Home Park, Cities of Kerman and Sanger, and the community of Sultana). The component projects work together to address the goals and needs of the local communities and regional Kings Basin. These projects are designed to recharge surface water and/or stormwater into the underlying aquifer that may not have otherwise been utilized within the Kings Basin, benefitting the noted DAC/SDACs and the Kings Basin. Additionally, these projects could recharge over 2,000 acre-feet per year which would: (1) help provide a dry year supply, (2) address impacts of future droughts/dry periods, (3) adapt to climate change's projected impacts on water security in the region, (4) address Human Right to Water by having an adequate water supply for over 40,000 people in underrepresented/disadvantaged communities, and (5) reduce the likelihood of needing to lower well pumps saving the identified communities both energy and money.	58	A	\$ 5,050,461	\$ 4,866,600	\$ 4,866,600
5-022.11/ Kaweah	Mid-Kaweah GSA	Kaweah Subbasin Groundwater Recharge and Sustainability Projects	Tulare	The Proposal Objective is to obtain funding for the Kaweah Subbasin to implement groundwater recharge and sustainability efforts that will assist the Subbasin in achieving groundwater sustainability by 2040. Through the GSP development the Kaweah Subbasin is estimated to be approximately 80,000 AF in groundwater overdraft each year. This overuse of groundwater is combined with regions in the Subbasin experiencing significant declines in groundwater levels. Therefore, the Kaweah Subbasin GSAs are dedicated to developing projects and programs to remedy these issues throughout the Subbasin. This Proposal includes four recharge projects that will bolster the recharge capacity and capability via different methodologies spread within the Subbasin. This Proposal includes three dedicated recharge basins and one use of an existing creek channel for recharge to add additional recharge capacity during high flow periods. Through the components included in this Proposal, the Kaweah GSAs aim to increase the groundwater recharge capacity by an estimated 5,200 AF to bolster the groundwater aquifer. The anticipated results include more groundwater in storage as indicated by increased groundwater levels and an improvement in groundwater quality as known high-quality surface water sources (Kaweah River and Friant CVP) are recharged. Meeting these results will provide for a more reliant and sustainable Kaweah Subbasin.	58		\$ 5,110,110	\$ 3,776,400	\$ 3,776,400
5-022.09/ Westside	Westlands Water District GSA	The Pasajero Groundwater Recharge Project	Fresno	This proposal seeks funding for the Pasajero Groundwater Recharge Project (Project) to develop the 60-acre Pasajero Site into the Pasajero Recharge Facility which will be used to recharge the critically-overdrafted Westside Subbasin (DWR Basin No. 5-022.09). The Project will reduce groundwater overdraft in the Westside Subbasin by using excess surface water supplies from the Coalinga Canal to recharge groundwater in the subbasin during times of excess supplies. The stored water would be available for later recovery by groundwater users within an area of benefit extending outwards from the Pasajero Site, located in the southwestern portion of the Basin near the Coalinga Canal. The facility will consist of approximately 60 dry wells, new pipeline(s) to deliver water from the Coalinga Canal to the Pasajero Site and to each dry well; and associated surface infrastructure including a new pump station at a turnout along the Coalinga Canal, metering devices, and site security fencing. Once constructed and operational, the Pasajero Recharge Facility is anticipated to be capable of storing up to 10,800 acre-feet (AF) of water over a 6-month period when excess surface water supply is available (i.e., CVP Section 215 water and other CVP water at risk of spill from the San Luis Reservoir), anticipated to be approximately every four to five years. The Project's objective is to reduce groundwater overdraft and improve groundwater conditions and groundwater supply reliability in the southern portion of the Westside Subbasin by increasing the amount of groundwater storage. Achieving this objective will also result in improved groundwater level conditions and a reduced risk of land subsidence. This type of conjunctive use project is identified as one of the Proposition 68 SGM Implementation Grant preferences and is similarly identified in the Westside Subbasin Groundwater Sustainability Plan (GSP) and the San Joaquin Valley Integrated Regional Water Management Plan (IRWMP).	54		\$ 5,271,900	\$ 3,962,000	\$ 3,962,000
5-022.04/ Merced	Merced Irrigation District	Southern Merced Subbasin Groundwater Recharge Project	Merced	The goals of the Project are to improve groundwater levels in the southern portion of the Merced Subbasin and address flood and water supply needs of the underrepresented communities. The objectives of the proposal include: 1. Increase conveyance of surface water to the southern Merced Subbasin 2. Increase groundwater recharge in the southern Merced Subbasin using surface water 3. Reduce flood risk to underrepresented communities in the southern Merced Subbasin 4. Reduce land subsidence in the southwest Merced Subbasin.	54	A	\$ 6,194,800	\$ 4,999,800	\$ 4,999,800



DIVISION OF REGIONAL ASSISTANCE

Basin No./ Name	Organization Name	Proposal Title	County	Project Description	Score	Notes	Total Project Cost	Amount Requested	Recommended Award
5-022.05/ Chowchilla	County of Madera	Eastside Bypass Recharge for Subsidence and Flood Risk Reduction Phase I	Madera	To contribute to sustainable groundwater management in the Chowchilla Subbasin, the Madera County GSA is beginning to implement a phased flood water recharge program to divert and recharge flood flows from the Eastside Bypass (Bypass). Flood flows diverted from the Bypass will be recharged on lands in the Madera County GSA and in the Triangle T Water District (TTWD) GSA. Groundwater recharge will provide benefits to all beneficial users of groundwater in the Chowchilla Subbasin including drinking water users. Key goals of the flood water recharge program are to prevent the undesirable effects of chronic lowering of groundwater levels and additional land subsidence, and to manage groundwater levels above the minimum thresholds and according to the measurable objectives specified in the Chowchilla Subbasin Groundwater Sustainability Plan (GSP). The project proposed in this grant application is for the first phase of implementation of the Madera County GSA flood water recharge program described in the Chowchilla Subbasin GSP. The proposed project would construct four (4) new turnouts on the Eastside Bypass and the conveyance required (approximately 20,400 feet of pipeline) to divert flood flows to two (2) dedicated recharge basins for direct recharge, and to approximately 2,900 acres of existing farmland for recharge through application to cropped areas, also described as flood managed aquifer recharge (Flood-MAR). Costs include capital costs for system design, and facilities construction, and operational costs to acquire water for recharge and for facilities maintenance. In addition to the funds requested in this application, project funds and in-kind support will be provided by contributions from participating landowners. Landowners who contribute resources to the project in the form of land and in-kind services will be credited with some of the recharge project yield.	52	B	\$ 6,904,197	\$ 4,991,616	\$4,197,600
5-022.06/ Madera	County of Madera	East Madera Subbasin Project Phase I	Madera	To contribute to sustainable groundwater management in the Madera Subbasin, the Madera County GSA is beginning to implement a phased flood water recharge program to utilize flood flows available as Section 215 available from the Friant Division of the Bureau of Reclamation. Section 215 water will be recharged on lands in the eastern area of the Madera Subbasin and will provide benefits to all beneficial users of groundwater including drinking water users. Key goals of the program are to prevent the undesirable effects of chronic lowering of groundwater levels and land subsidence, and to manage groundwater levels above the minimum thresholds and according to the measurable objectives specified in the Madera GSP. The proposed project is the first phase of implementation of the Madera County GSA Section 215 and purchased water recharge program described in the Madera Subbasin GSP. The project will develop one (1) dedicated recharge basin and approximately 2,500 acres of flood managed aquifer recharge (Flood-MAR) at varying locations. Three (3) turnouts will be constructed on Madera Irrigation District's (MID's) Lateral 6.2, including one for the permanent recharge basin and two for the Flood-MAR areas cropped with wine grapes and pasture. A fourth turnout on MID's Lateral 32.2 will be repaired to serve a parcel of approximately 500 acres of wine grapes for Flood-MAR use. Costs include capital costs for land acquisition, system design, facilities construction, and operational costs to acquire water for recharge and for facilities maintenance. In addition to the funds requested in this application, project funds and in-kind support will be provided by contributions from participating landowners. Landowners who contribute resources to the project in the form of land and in-kind services will be credited with some of the recharge project yield. The GSA will share the water supply benefits with participating landowners in proportion to their contributions.	52	B	\$ 6,564,042	\$ 4,898,442	\$4,197,600
5-022.07/ Delta-Mendota	San Luis Water District	Delta-Mendota Subbasin GSP Implementation Project	San Joaquin, San Benito, Stanislaus, Merced, Madera, Fresno	The overall goal of this proposal is to support GSP implementation in the Delta-Mendota Subbasin and to improve the long-term sustainability of groundwater resources. The objective is to implement four projects that will recharge groundwater in the Delta-Mendota Subbasin with surplus surface water, stormwater, and/or flood waters from sources such as the Delta-Mendota Canal, San Joaquin River, Kings River, Orestimba Creek, Los Banos Creek, and/or Cottonwood Creek (source for groundwater recharge varies by project/component). The proposal consists of the following five components: Component 1: Grant Administration, Component 2: Orestimba Creek Recharge and Recovery Project, Component 3: Los Banos Creek Recharge and Recovery Project, Component 4: Flood Water Capture Project, and Component 5: Cottonwood Creek Recharge Project. The Subbasin will directly benefit from the projects through drought resiliency, flood risk reduction, maintenance of shallow groundwater elevations to support domestic well use, improved groundwater quality, seasonal habitat creation, reduced dependence on the Delta, and improved operational flexibility to be achieved through an increased ability to conjunctively use imported and local supplies.	51		\$ 17,307,590	\$ 5,000,000	\$0
5-022.12/ Tulare	Kings County Water District	2021 Kings CWD Recharge Project	Kings	The objective of this proposal is for Kings County Water District (CWD) to obtain funding to develop and construct a new groundwater recharge project known as the "2021 Kings CWD Groundwater Recharge Project" (2021 Project). The purpose of this project is to recharge groundwater using surplus surface water in the Tulare Lake Subbasin (TLS). Project 2021 consists of a new recharge basin known as the Griswold Basin as well as improvements to four existing recharge basins. Intentional recharge of surplus surface water during wet years through the 2021 Project will lessen the rate of overdraft in the TLS, incrementally increasing groundwater storage and providing greater drought resiliency, capturing additional wet-year surface water to help stabilize long-term groundwater levels and storage for nearby water users (e.g., domestic wells for rural schools and rural	50		\$ 3,000,000	\$ 3,000,000	\$0



DIVISION OF REGIONAL ASSISTANCE

Basin No./ Name	Organization Name	Proposal Title	County	Project Description	Score	Notes	Total Project Cost	Amount Requested	Recommended Award
5-022.01/ Eastern San Joaquin	North San Joaquin Water Conservation District	North System Improvement Project – Phase I	San Joaquin	homeowners) so that dry-year groundwater pumping will operate within Measurable Objectives and not cause groundwater levels to fall below Minimum Thresholds set in the TLS GSP. The Kings CWD and MKR GSA areas are very rural, and the 2021 Project is located within and solely benefits Underrepresented Communities. The goal and objective of the North System Improvement Project – Phase 1 is to improve the North System so that it can be used to conduct in-lieu and direct groundwater recharge in the Project area to improve groundwater levels and the overall water budget for the District and Subbasin.	50		\$ 5,392,650	\$ 5,000,000	\$0
3-004.01/ 180/400 Foot Aquifer	Salinas Valley Basin Groundwater Sustainability Agency	Salinas Valley Multi- Benefit Groundwater Project	Monterey	This Project contributes to regional sustainability by implementing priority projects in the Groundwater Sustainability Plan for the critically-overdrafted 180/400-Foot Aquifer Subbasin of the Salinas Valley. The objectives are to address seawater intrusion, chronic lowering of groundwater levels, and reduction in groundwater storage. The goals are to: 1) increase in lieu groundwater recharge with increased use of surface and recycled water for agricultural irrigation, and 2) reduce evapotranspiration through removal of Arundo donax, an invasive species predominant in the Valley. The Project enhances the ability to provide recycled water and Salinas River water to the Castroville Seawater Intrusion Project (CSIP) in lieu of groundwater extraction. Over the past 22 years, CSIP has already slowed seawater intrusion by delivering recycled and river water to 12,000 acres of farmland. However, extreme peaks in irrigation system demand, pressure and flow limitations in distribution pipelines, and maintenance shutdowns every winter cause higher-than-necessary groundwater use. Additionally, much of the water released from upstream reservoirs for summer use in CSIP is lost through evapotranspiration due to proliferation of Arundo. This proposal addresses these constraints through three components: Optimization of CSIP through infrastructure and management improvements that reduce groundwater use; Winter Modifications to the Monterey One Water's disinfection system to avoid winter maintenance shutdowns; and Arundo Eradication from the Salinas River for basin-wide benefits from reduced evapotranspiration. Arundo removal provides additional benefits of enhancing riparian habitat and reducing flood risk. Together these components reduce groundwater extraction, combat seawater intrusion, protect drinking water supplies of underrepresented communities, and increase drought resilience.	50		\$ 6,448,400	\$ 4,829,800	\$0
3-002.01/ Pajaro Valley	Pajaro Valley Water Management Agency	College Lake Integrated Resource Management Project	Santa Cruz	The objective of this proposal is to design and construct the College Lake IRMP to help reduce overdraft, prevent further seawater intrusion, and meet water supply needs in PV Water's service area by off-setting groundwater pumping in the coastal region through the capture and reuse of a stormwater supply. The College Lake IRMP will be designed to increase the storage capacity of the lake from 1,100 AF to approximately 1,800 AF and supply approximately 1,800 to 2,300 AFY, with a maximum 3,000 AFY, of water to growers in the Pajaro Valley. This proposal seeks the funding to finalize the permitting, land acquisition, and design of the project. Construction of the project will be funded through other sources.	49	C	\$ 8,478,300	\$ 5,000,000	\$0
5-022.13/ Tule	Lower Tule River Irrigation District GSA	Tule Subbasin Implementation Grant	Tulare	the Tule Subbasin solicited project proposals from all Subbasin GSAs. Each project was evaluated based on overall project benefits, direct URC benefit, priority need within the GSA, feasibility, constructability readiness, and consistency with grant criteria. The projects detailed in this PSP will increase water supply reliability, improvements to water infrastructure, and benefits to URCs located within the Subbasin.	49		\$ 9,460,300	\$ 5,000,000	\$0
3-004.06/ Paso Robles Area	San Miguel Community Services District	Machado WWTF Expansion and New Recycled Water System	San Luis Obispo	The San Miguel Community Services District (SMCSD) and Groundwater Sustainability Agency (GSA) plans to upgrade and expand the existing Machado Wastewater Facility (WWTF) and develop a recycled water ("purple pipe") distribution system. The upgrade and expansion of the SMCSD's WWTF and the construction of a new recycled water ("purple pipe") distribution system will allow the SMCSD to make significant progress towards achieving the goals of the Paso Robles Subbasin GSP and Prop 68 through the installation of new treatment facilities to provide recycled effluent which meets the Title 22 requirements for agricultural irrigation. The reclaimed water supply will be used as an "in-lieu" source of water to offset existing groundwater pumping from the Paso Robles Subbasin and is consistent with the goals of the Paso Robles GSAs, as stated in the GSP, to reduce groundwater pumping in the future to help achieve groundwater sustainability under the requirements of SGMA. The upgraded and expanded WWTP will be built to a 500,000 GPD capacity to serve the entire population of San Miguel through 2050, and will produce between 200 and 450 acre-feet per year of recycled effluent.	45		\$ 9,978,145	\$ 5,000,000	\$0
3-013/ Cuyama	Cuyama Basin GSA	Cuyama Valley Groundwater Basin GSP Implementation	Kern	This proposal has the following objectives for supporting GSP implementation: Provide effective and efficient grant agreement administration; Perform additional stakeholder outreach, engagement, and education about new tools and GSP implementation status; Provide enhancements to data collection efforts to increase understanding Basin mechanics and characterizations such as surface water infiltration, vertical gradients and flow directions, evapotranspiration conditions, and land uses; Provide updated and enhanced tools for stakeholder outreach, and	43		\$ 5,000,000	\$ 5,000,000	\$0



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				data processing efficiencies; Update the basin groundwater model to better represent the aquifer's hydrogeology and water budget and to enhance information needed by the CBGSA for decision making; Perform a feasibility study for potential precipitation enhancement implementation for potential future recharge; and, Perform a water rights analysis to understand the water availability and water rights implications of potential flood and stormwater capture projects.					
6-054/Indian Wells Valley	Indian Wells Groundwater Authority	GSP Implementation Projects for Water Supply Augmentation	San Bernardino, Inyo, Kern	The Indian Wells Valley Groundwater Authority (IWVGA) is the exclusive Groundwater Sustainability Agency for the Indian Wells Valley Groundwater Basin. The IWVGA adopted and submitted its Groundwater Sustainability Plan (GSP) by the January 31, 2020, deadline mandated by the Sustainable Groundwater Management Act (SGMA) and is in the process of initiating GSP implementation. The proposal objective is to obtain grants funds which could be used by the IWVGA to fund initial efforts for implementing GSP Project No. 1 (Develop Imported Water Supply) and GSP Project No. 2 (Optimize Use of Recycled Water) in its GSP. The initial efforts include development of two (2) alternatives analyses for imported water supply and recycled water beneficial uses to supplement the two (2) technical memorandums prepared for the GSP and to serve as a basis for design, permitting, and environmental compliance for future imported and recycled water projects. The initial efforts also include Phase I of a Recycled Water Project involving the expansion and upgrade of the City of Ridgecrest's wastewater treatment plant, which will be used to generate a future recycled water supply. The Phase I Recycled Water Project will consist of design, permitting, and environmental compliance for expanding and upgrading the current secondary treatment facilities at the City of Ridgecrest's wastewater treatment facility.	-	C	\$ 6,728,000	\$ 5,000,000	\$0
							\$ 106,888,885	\$ 70,324,658	\$26,000,000

A – A portion or all of this project is directly benefitting an Underrepresented Community and will be awarded using the \$5 million reserved for projects that directly benefit an Underrepresented Community.
 B – Recommended Award reduced based upon application score and funding available. Confirmation was made that reduced funding could still result in completion of one or more projects.
 C – Proposed grant activities are not eligible. The proposal did not include any activities that pertained to construction or a capital improvement project as required by the PSP in accordance with General Obligation Bond Law and Proposition 68 language. The applicant was requesting funding for planning and/or design costs only.