

**Attachment 1 – SGM Grant Program’s SGMA Implementation – Round 2 Award List**

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Application Number	Basin No./ Basin Name	Legislative Districts (Assembly, Senate, US Congressional)	Organization Name	Proposal Title	Component	Component Description	Requested Amount	Recommended Award
2022SIR20006	3-015 Santa Ynez River Valley	35th Assembly District, 19th Senate District, District 24 (CA)	Santa Ynez River Water Conservation District	SGMA Implementation in the Santa Ynez River Basin			\$5,534,000	\$5,534,000
				Well Extraction Measurement Demonstration Projects and Basin Reporting Program	This component consists of three extraction measurement methods (mechanical metering, power consumption and remote sensing, and estimated evapotranspiration). Additionally, component will identify and initiate DMS enhancements for transmitted data.	\$741,000	\$741,000	
				Santa Ynez River Basin WMA, CMA, and EMA – SGMA Rate Study	This component consists of a SGMA Rate Study which includes the analysis of GSAs budgets; evaluating the need for pump charge rate/parcel fee rate for each management area; preparing rate schedules for each management area; and providing two recommended fee/rate alternatives for each GSA.	\$82,000	\$82,000	
				Basin GSPs 5-Year Update	This component consists of continued GSP implementation/SGMA compliance, stakeholder and public outreach and engagement, prepare Annual reports, address DWR recommendations and comments, and complete 2027 Draft GSPs.	\$1,492,000	\$1,492,000	
				Monitoring Improvement and Expansion	This component consists of the Monitoring Network improvement efforts, data collection, and technical studies. Additionally, this component will conduct analyses regarding the Basin's beneficial users of groundwater.	\$1,845,000	\$1,845,000	
				Stormwater Capture and Infiltration Project Designs	This component consists of the increase of groundwater recharge through stormwater capture. This project is expected to recharge approximately 300 to 700 AFY to the Basin.	\$335,000	\$335,000	
				Water Use Efficiency Strategic Plan	This component consists of the reduction of demand on groundwater. Specifically, this component will implement a Water Use Efficiency Strategic Plan to reach and maintain MOs for the Basin.	\$600,000	\$600,000	
				Recycled Water Feasibility Study	This component consists of a feasibility study for the use of recycled water, and to identify the best location(s) to use recycled water for irrigation.	\$285,000	\$285,000	
				Grant Administration	Perform tasks necessary to perform reporting and invoicing for the grant agreement.	\$154,000	\$154,000	
2022SIR20007	5-004 Big Valley	1st Assembly District, 1st Senate District, District 1 (CA)	Modoc County GSA	BVGB GSP Implementation Project			\$2,640,000	\$2,640,000
				BVGB GSP Implementation Project	The objectives include: 1) Conduct stakeholder engagement and coordinate the completion of the annual reports; 2) Modify the submitted GSP; 3) Complete the Water Availability Analysis and apply for a temporary permit for groundwater recharge within the Basin; 4) Conduct a feasibility study and planning for the potential of expanding existing reservoirs in the basin 5) Preparation and submission of a basin boundary modification that accurately represents where aquifers are most likely to occur; 6) Conduct monitoring and research to improve the understanding of the BVGB and GSP through data collection and data management; 7) Conduct outreach to all beneficial users in the Basin for engagement in the GSP process and implementation	\$2,640,000	\$2,640,000	
2022SIR20008	1-003 Butte Valley	1st Assembly District, 1st Senate District, District 1 (CA)	Siskiyou County Flood Control and Water Conservation District	Butte Valley Groundwater Sustainability Plan Implementation			\$5,282,200	\$3,335,200
				Grant Administration	Perform tasks necessary to perform reporting and invoicing for the grant agreement.	\$480,200	\$303,200	
				SGMA Compliance and GSP Updates	This component consists of completing reporting and revisions required for updating the GSP through the updating/improving the existing hydrological model, augmenting monitoring networks, filling data gaps, increasing data management capabilities, and continuing education and outreach.	\$1,478,000	\$1,478,000	
				Fee Study and Economic Analysis	This component consists of an evaluation of fee/rate options, the updating and further development of a parcel specific database of groundwater use and supply, furthering community engagement, and the development of fee/rate schedules.	\$280,000	\$280,000	
				Well Inventory	This component consists of the development of a preliminary well inventory (through existing data); development of standardized well inventory forms and survey wells; creation and maintenance of a database where well inventories and data collected will be stored; public outreach and engagement to promote participation in the well inventory; update of the well outage risk analysis; and the development of a well mitigation program focused on domestic wells.	\$320,000	\$320,000	
				Monitoring Network	This component will implement a new voluntary groundwater well metering program to gain well pumping data; establish a well metering fund for water use data; expand groundwater quality sampling; add stream gauges; perform isotropic trace studies; improve GSP GDE analysis; and identify sites for snow stations.	\$954,000	\$954,000	

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<b>2022SIR20009</b>	<b>1-005 Scott River Valley</b>	<b>1st Assembly District, 1st Senate District, District 1 (CA)</b>	<b>Siskiyou County Flood Control and Water Conservation District</b>	<b>Scott Valley Groundwater Sustainability Plan Implementation</b>	<b>\$5,244,800</b>	<b>\$3,880,800</b>	
				Grant Administration	Perform tasks necessary to perform reporting and invoicing for the grant agreement.	\$476,800	\$352,800
				SGMA Compliance and GSP Updates	This component consists of completing reporting and revisions required for updating the GSP through the updating/improving the existing hydrological model, augmenting monitoring networks, filling data gaps, increasing data management capabilities, and continuing education and outreach.	\$1,478,000	\$1,478,000
				Fee Study and Economic Analysis	This component consists of an evaluation of fee/rate options, the updating and further development of a parcel specific database of groundwater use and supply, furthering community engagement, and the development of fee/rate schedules.	\$220,000	\$220,000
				Well Inventory	This component consists of the development of a preliminary well inventory (through existing data); development of standardized well inventory forms and survey wells; creation and maintenance of a database where well inventories and data collected will be stored; public outreach and engagement to promote participation in the well inventory; update of the well outage risk analysis; and the development of a well mitigation program focused on domestic wells.	\$320,000	\$320,000
				SVID Recharge Project	This component consists of the expansion of the Scott Valley Irrigation District ditch, its existing infrastructure, and users' property to spread and store diverted water during high river flows.	\$1,100,000	\$1,100,000
				Upland Management	This component consists of the development of the South Scott Watershed Vegetation Project, which includes the Sugar Creek study, to evaluate the potential to enhance water supply in the Scott River by managing upslope forest vegetation.	\$410,000	\$410,000
<b>2022SIR20010</b>	<b>1-004 Shasta Valley</b>	<b>1st Assembly District, 1st Senate District, District 1 (CA)</b>	<b>Siskiyou County Flood Control and Water Conservation District</b>	<b>Siskiyou County Flood Control and Water Conservation District</b>	<b>\$7,257,800</b>	<b>\$3,462,800</b>	
				Grant Administration	Perform tasks necessary to perform reporting and invoicing for the grant agreement.	\$659,800	\$314,800
				SGMA Compliance and GSP Updates	This component consists of completing reporting and revisions required for updating the GSP through the updating/improving the existing hydrological model, augmenting monitoring networks, filling data gaps, increasing data management capabilities, and continuing education and outreach.	\$1,628,000	\$1,628,000
				Fee Study and Economic Analysis	This component consists of completing reporting and revisions required for updating the GSP through the updating/improving the existing hydrological model, augmenting monitoring networks, filling data gaps, increasing data management capabilities, and continuing education and outreach.	\$220,000	\$220,000
				Well Inventory	This component consists of the development of a preliminary well inventory (through existing data); development of standardized well inventory forms and survey wells; creation and maintenance of a database where well inventories and data collected will be stored; public outreach and engagement to promote participation in the well inventory; update of the well outage risk analysis; and the development of a well mitigation program focused on domestic wells.	\$320,000	\$320,000
				Groundwater-Surface Water Connectivity Study	This component consists of the identification of GDEs and interconnected surface waters and how they are impacted by groundwater pumping. Additionally, this component will include the coordination with stateholders to identify surface water bodies that are interconnected with groundwater and where there is concern about impacts of groundwater pumping.	\$570,000	\$570,000
				Upland Management	This component consists of the development of the Native Invasive Western Juniper Management for Multiple Benefits Project, which includes the Shasta Valley Watershed,, to evaluate the potential to enhance water supply in the Shasta Valley by managing the invasive vegetation.	\$410,000	\$410,000
<b>2022SIR20014</b>	<b>3-003.05 Gilroy - Holloster Valley - North San Benito</b>	<b>30th Assembly District, 12th Senate District, District 20 (CA)</b>	<b>San Benito County Water District</b>	<b>Accelerated Drought Response Project SGM Grant Application</b>	<b>\$20,000,000</b>	<b>\$11,500,001</b>	
				Accelerated Drought Response Project (ADRoP) SGM Grant Application	This component consists of three tasks: the expansion and updating of the WTP; the construction of five Aquifer Storage and Recovery wells; and the construction of a conveyance and transmission pipeline.	\$20,000,000	\$11,500,001
<b>2022SIR20020</b>	<b>2-001 Petaluma Valley</b>	<b>12th Assembly District, 2nd Senate District, District 2 (CA)</b>	<b>Petaluma Valley GSA</b>	<b>Petaluma Valley Groundwater Sustainability Implementation Program</b>	<b>\$6,739,409</b>	<b>\$6,739,409</b>	
				Aquifer System and Beneficial User Impact Assessments	This component consists of the assessment of potential effects to sensitive beneficial users; improvement of the monitoring network; hydrogeologic characterization of the aquifer system; and the engagement and outreach for the community and stakeholders.	\$2,356,090	\$2,356,090
				Planning for Demand Management Programs	This component consists of a Water-Use Efficiency Assessment and Pilot Program, the Assessment and Prioritization of Potential Policy Options, and Outreach and Stakeholder Engagement.	\$707,960	\$707,960
				Planning for Projects	This component consists of the following aspects: coordinated recycled water planning, aquifer storage and recovery planning, stormwater capture and recharge planning, and outreach and stakeholder engagement.	\$591,140	\$591,140

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				Urban Recycled Water Expansion	This component consists of the following activities: City of Petaluma Urban Recycled Water Expansion, which includes the extension of various pipeline extensions throughout the Basin; and outreach and stakeholder engagement.	\$2,665,719	\$2,665,719
				Grant Administration	Perform tasks necessary to perform reporting and invoicing for the grant agreement.	\$418,500	\$418,500
<b>2022SIR20021</b>	<b>2-002.02 Napa Sonoma Valley - Sonoma Valley</b>	<b>4th Assembly District, 2nd and 3rd Senate District, District 5 (CA)</b>	<b>Sonoma Valley GSA</b>	<b>Sonoma Valley Groundwater Sustainability Implementation Program</b>		<b>\$10,207,510</b>	<b>\$3,096,316</b>
				Aquifer System and Beneficial User Impact Assessments	This component consists of the assessment of potential effects to sensitive beneficial users; improvement of the monitoring network; hydrogeologic characterization of the aquifer system; and the engagement and outreach for the community and stakeholders.	\$2,461,030	\$2,461,030
				Planning for Demand Management Programs	This component consists of a Water-Use Efficiency Assessment and Pilot Program, the Assessment and Prioritization of Potential Policy Options, and Outreach and Stakeholder Engagement.	\$801,460	\$350,460
				Grant Administration	Perform tasks necessary to perform reporting and invoicing for the grant agreement.	\$418,500	\$284,826
<b>2022SIR20022</b>	<b>1-055.01 Santa Rosa Valley</b>	<b>2nd Assembly District, 2nd Senate District, District 2 (CA)</b>	<b>Santa Rosa Plain GSA</b>	<b>Santa Rosa Plain Groundwater Sustainability Implementation Program</b>		<b>\$5,383,730</b>	<b>\$5,383,730</b>
				Aquifer System and Beneficial User Impact Assessments	This component consists of the assessment of potential effects to sensitive beneficial users; improvement of the monitoring network; hydrogeologic characterization of the aquifer system; and the engagement and outreach for the community and stakeholders.	\$2,808,630	\$2,808,630
				Planning for Demand Management Programs	This component consists of a Water-Use Efficiency Assessment and Pilot Program, the Assessment and Prioritization of Potential Policy Options, and Outreach and Stakeholder Engagement.	\$1,070,960	\$1,070,960
				Planning for Projects	This component consists of the following aspects: coordinated recycled water planning, aquifer storage and recovery planning, stormwater capture and recharge planning, and outreach and stakeholder engagement.	\$1,102,640	\$1,102,640
				Grant Administration	Perform tasks necessary to perform reporting and invoicing for the grant agreement.	\$401,500	\$401,500
<b>2022SIR20023</b>	<b>2-010 Livermore Valley</b>	<b>16th Assembly District, 7th Senate District, District 15 (CA)</b>	<b>Zone 7 Water Agency</b>	<b>Livermore Valley Groundwater Basin Water Supply Reliability Improvement Project</b>		<b>\$19,000,000</b>	<b>\$16,000,000</b>
1				1 Restoration of Water Supply from Per- and Polyfluoroalkyl Substances (PFAS) Contamination Emergency	This component consists of the environmental compliance, permit acquisition, design, and construction of the Stoneridge Well PFAS Treatment Facility.	\$16,000,000	\$16,000,000
<b>2022SIR20028</b>	<b>5-021.62 Sacramento Valley - Sutter</b>	<b>3rd Assembly District, 2nd Senate District, District 3 (CA)</b>	<b>Sutter County Development Services</b>	<b>Sutter Subbasin GSP Implementation</b>		<b>\$8,530,000</b>	<b>\$8,530,000</b>
				Monitoring and Data Gap Improvements	Fill data gaps throughout the Subbasin.	\$1,240,000	\$1,240,000
				Annual Reporting and Model Update	Preparation of four year of annual reports and improvements to the Subbasin, groundwater flow model and DMS utilizing data collection.	\$1,280,000	\$1,280,000
				GSP Financing Study	Assessment of GSP implementation cost and determination of required revenue	\$280,000	\$280,000
				Butte Water District Irrigation System Improvements	Include development and implementation of a pilot program to support growers in utilization dual source irrigation system	\$5,480,000	\$5,480,000
				Grant Administration	Perform tasks necessary to perform reporting and invoicing for the grant agreement.	\$250,000	\$250,000
<b>2022SIR20029</b>	<b>7-021.04 Coachella Valley - San Geronio Pass</b>	<b>42nd Assembly District, 23rd Senate District, District 36 (CA)</b>	<b>San Geronio Pass Water Agency</b>	<b>San Geronio Pass nested Monitoring Wells</b>		<b>\$2,055,670</b>	<b>\$2,055,670</b>
				San Geronio Pass Nested Monitoring Wells	Install 4 nested groundwater monitoring wells in spatial data gaps and geologically unique areas.	\$2,055,670	\$2,055,670

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2022SIR20030	5-012.01 Sierra Valley - Sierra Valley	1st Assembly District, 1st Senate District, District 3 (CA)	Sierra Valley Groundwater Management District	Sierra Valley GSP implementation and Planning	\$5,450,000	\$5,445,000	
				Grant Administration	Perform tasks necessary to perform reporting and invoicing for the grant agreement.	\$500,000	\$495,000
				GSP Updates	This component consists of the updating of the SV GSP . This will include utilizing data obtained from the remaining project components.	\$1,300,000	\$1,300,000
				Well Inventory	This component consists of the characterization of high-capacity agricultural wells with missing data; the expansion of the program to analyze all wells with the system; and the monitoring of groundwater.	\$220,000	\$220,000
				Irrigation Efficiency and Conjunctive Use	This component includes the evaluation of prior pilot studies to develop conservation plans with irrigators, along with utilizing other water-use reduction strategies.	\$2,180,000	\$2,180,000
				Groundwater Recharge	This component includes the development of a pilot project to include off-stream ponds, spreading basins, dry wells, and other features along the western side of the valley. These activities will eventually lead to the development of a long-term recharge plan for the Plan area.	\$1,250,000	\$1,250,000
2022SIR20032	5-021.60 Sacramento Valley - North Yuba, 5-021.61 Sacramento Valley-South Yuba	3rd Assembly District, 2nd Senate District, District 3 (CA)	Yuba Water Agency	2022 Yuba Groundwater Sustainability Project – Component 1: Data Gaps andMonitoring	\$9,171,000	\$4,351,000	
				Groundwater Recharge Projects	This component consists of the development of a recharge suitability index to identify areas for direct recharge; the desktop analysis of direct recharge feasibility via dry wells or injection; continuation of outreach to growers to identify areas with good percolation; and the summarizing of results and the selection/ranking of identified sites.	\$721,000	\$721,000
				Data Gaps and Monitoring	This component consists of monitoring and identification of data gaps in the form of the installation of three nested monitoring well sites, as well as the video logging of existing wells and the installation of three stream gauges.	\$971,000	\$971,000
				GSP Evaluation and Tool Refinement	This component consists of the refinement of the Yuba Groundwater Model and the updating of the GSP for the 5-year evaluation.	\$2,659,000	\$2,659,000
2022SIR20033	5-006.03 Redding Area- Anderson, 5-006.04 Redding Area - Enterprise	1st Assembly District, 1st Senate District, District 1 (CA)	City of Redding on behalf of the Enterprise Anderson Groundwater Sustainability Agency (EAGSA)	EAGSA Sustainable Groundwater Management Grant Project	\$6,089,900	\$2,383,700	
				Grant Administration	Perform tasks necessary to perform reporting and invoicing for the grant agreement.	\$553,600	\$216,700
				GSP Implementation and Planning	This component consists of the preparation of annual reports of water years 2023 through 2026, as well as the preparation of the 5-year update for Anderson and Enterprise subbasins.	\$1,210,000	\$1,210,000
				HCM Improvements	This component includes the refining of estimated depths to the saltwater-freshwater interface within the Redding Area Groundwater Basin, the updating of the EAGSA groundwater model, implementation of the Groundwater/Surfacewater Interaction Study, and the installation of new shallow GDE wells in each subbasin.	\$957,000	\$957,000
2022SIR20040	5-021.64 Sacramento Valley- North American	5th Assembly District, 4th Senate District, District 8 (CA)	Sacramento Groundwater Authority	Advancing NASb Sustainable Groundwater Management	\$3,560,500	\$3,560,500	
				Grant Administration	Perform tasks necessary to perform reporting and invoicing for the grant agreement.	\$292,000	\$292,000
				Groundwater Recharge Feasibility Study	This component consists of a geophysical survey of approximately 80,000 linear feet of owned TEM; eight hollowstem auger boreholes to 20 feet bgs; permeability testing of sediments; and modeling to estimate the smount of water that can be recharged.	\$439,000	\$439,000
				Groundwater Monitoring Well/Emergency Supply Well	This component consists of the construction of a monitoring well to track groundwater levels in the area to correctly predict whether additional management actions are needed to protect domestic well beneficial users.	\$375,000	\$375,000
				Groundwater Monitoring Wells Construction	This component consists of the permitting, bidding, design, and construction of the associated monitoring wells.	\$598,000	\$598,000
				CoSANA Model Upgrade and Enhancements	This component will consist of the following activities: collect and analyze data from the original CoSANA model; update the model hydrogeology; make numerical model enhancements; recalibrate the model; develop an updated model baseline; update climate change scenarios; conduct stakeholder outreach and engagement.	\$776,000	\$776,000
				Groundwater Quality Degradation Study	This component consists of the identification of existing wells at risk to exceedthe maximum contaminate levels for PCE; identification of wells where well head treatment may be required and where or where not to drill; as well as the identification of ASR well locations.	\$244,000	\$244,000

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				GSP Update and Annual Reporting	This component consists of the addressing of DWRs comments, filling of data gaps identified in the GSP, and the preparation of the GSP 5-year update.	\$836,500	\$836,500
<b>2022SIR20043</b>	<b>5-022.04 San Joaquin Valley - Merced</b>	<b>5th and 21st Assembly District, 8th and 12th Senate District, District 4 and 16 (CA)</b>	<b>Merced Irrigation-Urban Groundwater Sustainability Agency</b>	<b>Merced Subbasin 2022 GSP Recharge and Sustainability Program</b>		<b>\$18,387,500</b>	<b>\$3,419,090</b>
				Grant Administration	Perform tasks necessary to perform reporting and invoicing for the grant agreement.	\$200,000	\$59,090
				G Ranch Groundwater Recharge, Habitat Enhancement & Floodplain Expansion	This component consists of the following activities: permanent fallowing of approximately 169 acres of cropland; groundwater recharge; wetland enhancement and/or creation; reduced overdraft; reestablished natural water drainage and treatment; addressing of impacts of current and future droughts and other water shortages; environmental protection and improvement; habitat enhancement and/or creation; and decreased flood risk.	\$2,610,000	\$2,610,000
				Bear Creek Ranch Ground Water Recharge & Land Repurposing Project	This component consists of the following activities: permanent fallowing of approximately 1,171 acres of cropland; groundwater recharge; wetland enhancement and/or creation; reduced overdraft; reestablished natural water drainage and treatment; addressing of impacts of current and future droughts and other water shortages; environmental protection and improvement; habitat enhancement and/or creation; and decreased flood risk.	\$750,000	\$750,000
<b>2022SIR20046</b>	<b>4-011.01 Coastal Plain of Los Angeles-Santa monica</b>	<b>51st Assembly District, 24th Senate District, District 33 (CA)</b>	<b>City of Santa Monica</b>	<b>Santa Monica Groundwater Subbasin Recharge and Monitoring Project</b>		<b>\$11,003,000</b>	<b>\$6,174,000</b>
				Design and Installation of a New Groundwater Recharge Well	This component consists of the design, installation, and permitting of a second recharge well and two monitoring wells.	\$5,974,000	\$5,974,000
				Grant Agreement Administration	Perform tasks necessary to perform reporting and invoicing for the grant agreement.	\$200,000	\$200,000
<b>2022SIR20050</b>	<b>5-021.67 Sacramento Valley-Yolo</b>	<b>4th Assembly District, 3rd Senate District, District 4 (CA)</b>	<b>Yolo Subbasin Groundwater Agency</b>	<b>Yolo Subbasin GSP: Planning and Project Implementation</b>		<b>\$13,221,500</b>	<b>\$7,917,000</b>
				Grant Administration	Perform tasks necessary to perform reporting and invoicing for the grant agreement.	\$613,900	\$613,900
				YSGA Groundwater Sustainability Plan Implementation	This component consists of the development of GSP Annual Reports and GSP Updates; a Fee Study for Long-Term Financing of the Yolo Subbasin Groundwater Agency; completion of Groundwater Model Enhancements; development of an Approach to Refine Interconnected Surface Water Sustainable Management Criteria; completion of GPS Subsidence Surveys; development of a Hungry Hollow Area Projects and Management Actions White Paper; and the enhancement of the Monitoring Network.	\$1,721,000	\$1,721,000
				YCFC&WCD Winter Water Recharge Program	This component consists of the preparation and application for a long-term winter water right (permit) from the State Water Resources Control Board to divert excess winter flows from Cache Creek (this includes a water availability analysis and CEQA documentation); the implementation of a pilot project for on-farm recharge to properties in the District’s service area utilizing the District’s temporary permit; and the installation of four automated gates on the District’s Hungry Hollow Canal to assist with and optimize the conveyance of excess winter flows through the canal system safely and efficiently for groundwater recharge.	\$2,600,000	\$2,600,000
				City of Winters Feasibility Studies	This component consists of two feasibility studies for the City of Winters, to assess the feasibility of developing a supplemental surface water supply source to augment declining groundwater supplies for the City.	\$580,000	\$580,000
				Yolo-Zamora Groundwater Recharge Pilot Project	This component consists of a partnership to divert up to 2,000 acre-feet of excess Cache Creek storm flows per year from the Capay Dam, conveyed through the West Adams Canal system to China Slough and on-farm groundwater recharge sites. Activities for this component include a pilot project, feasibility study, design and engineering, canal system improvements, and permitting.	\$1,221,100	\$1,221,100
				Dunnigan Area Recharge Program	This component consists of a partnership between YSGA and the Dunnigan WD to recharge up to 5,000 acre-feet of groundwater per year. Activities for this component include: installation of gauges on Buckeye and Dunnigan Creeks to monitor diversions; the execution of three landowner agreements for up to 500 acres to allow groundwater recharge and winter shorebird habitat for 3 years by flooding fields after growers harvest their crops; and the creation of 500 acres of shorebird habitat every year for 3 years by flooding farm fields after growers harvest their crops.	\$1,181,000	\$1,181,000
<b>2022SIR20051</b>	<b>5-021.54 Sacramento Valley-Antelope</b>	<b>3rd Assembly District, 1st Senate District, District 1 (CA)</b>	<b>Tehama County Public Works</b>	<b>Antelope Subbasin GSP Projects and Management Actions Implementation</b>		<b>\$3,300,550</b>	<b>\$1,572,450</b>

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				Grant Administration	Perform tasks necessary to perform reporting and invoicing for the grant agreement.	\$313,050	\$142,950
				Ongoing Monitoring, Data Gaps, and Enhancements	This component consists of the installation of monitoring wells (both multi-completion and single completion), the installation of surface water stream gages, a biological survey, a domestic well program, and domestic well outreach.	\$1,429,500	\$1,429,500
<b>2022SIR20052</b>	<b>5-021.51 Sacramento Valley-Corning</b>	<b>3rd Assembly District, 1st Senate District, District 1 (CA)</b>	<b>Tehama County Public Works</b>	<b>Corning Subbasin GSP Projects and Management Actions Implementation</b>		<b>\$8,080,600</b>	<b>\$8,080,600</b>
				Grant Administration	Perform tasks necessary to perform reporting and invoicing for the grant agreement.	\$734,600	\$734,600
				Ongoing Monitoring, Data Gaps, and Enhancements	This component consists of the installation of monitoring wells (both multi-completion and single completion), the installation of surface water stream gages, a biological survey, video logging, conducting geophysical analysis, performing aquifer tests, a domestic well program, and domestic well outreach.	\$3,019,000	\$3,019,000
				GSP Implementation, Outreach, and Compliance Activities	This component consists of the following activities: continued program and implementation management, creation of a fee study, preparation of annual reports, modification of the GSP per DWR comments, update of the groundwater model, inter-basin coordination and regional modeling update, preparation of the five-year GSP update, and continued stakeholder engagement and community outreach.	\$1,370,000	\$1,370,000
				Project and Management Action Implementation – Recharge Focused	This component consists of the following activities: a feasibility study for developing a detailed preliminary design; operation of the USBR flood control pond for direct or in-lieu recharge; a pilot project within Corning WD; construction of a new turnout and facilitate implementation of the pond for recharge; feasibility study and implement flood flow diversions for direct or in-lieu recharge; and a feasibility study and pilot project for direct recharge of Stony Creek flood flows.	\$1,742,000	\$1,742,000
				Project and Management Action Implementation – Regional Conjunctive Use Project	This component consists of two phases: Regional water transfers for in-lieu recharge and use of full surface water allocations.	\$1,215,000	\$1,215,000
<b>2022SIR20053</b>	<b>5-021.50 Sacramento Valley-Red Bluff</b>	<b>3rd Assembly District, 1st Senate District, District 1 (CA)</b>	<b>Tehama County Public Works</b>	<b>Red Bluff Subbasin GSP Projects and Management Actions Implementation (Project)</b>		<b>\$6,210,600</b>	<b>\$3,568,000</b>
				Grant Administration	Perform tasks necessary to perform reporting and invoicing for the grant agreement.	\$564,600	\$323,500
				GSP Implementation, Outreach, and Compliance Activities	This component consists of the following activities: continued program and implementation management, creation of a fee study, preparation of annual reports, modification of the GSP per DWR comments, update of the groundwater model, inter-basin coordination and regional modeling update, preparation of the five-year GSP update, and continued stakeholder engagement and community outreach.	\$1,288,000	\$1,288,000
				Project and Management Action Implementation – Recharge Focused	This component consists of the development of a pilot project implementation plan; a feasibility study for developing a detailed preliminary design; and a feasibility study for potential diversions of flood flows for direct recharge or in-lieu recharge and to implement a plan based on results of the feasibility study.	\$1,956,500	\$1,956,500
<b>2022SIR20054</b>	<b>5-021.56 Sacramento Valley-Los Molinos</b>	<b>3rd Assembly District, 1st Senate District, District 1 (CA)</b>	<b>Tehama County Public Works</b>	<b>Los Molinos Subbasin GSP Projects and Management Actions Implementation (Project)</b>		<b>\$4,129,900</b>	<b>\$1,823,000</b>
				Grant Administration	Perform tasks necessary to perform reporting and invoicing for the grant agreement.	\$375,400	\$165,000
				GSP Implementation, Outreach, and Compliance Activities	This component consists of the following activities: continued program and implementation management, creation of a fee study, preparation of annual reports, modification of the GSP per DWR comments, update of the groundwater model, inter-basin coordination and regional modeling update, preparation of the five-year GSP update, and continued stakeholder engagement and community outreach.	\$1,228,000	\$1,228,000
				Project and Management Action Implementation – Recharge Focused	This component consists of the development of a pilot project implementation plan and a feasibility study for the development of a detail preliminary design.	\$430,000	\$430,000
<b>2022SIR20055</b>	<b>5-022.02 San Joaquin Valley-Modesto</b>	<b>9th Assembly District, 4th Senate District, District 10 (CA)</b>	<b>Oakdale Irrigation District</b>	<b>Oakdale Irrigation District In-Lieu and Direct Recharge Project – Paulsell Lateral Expansion</b>		<b>\$18,088,000</b>	<b>\$14,383,000</b>
				Oakdale Irrigation District In-Lieu and Direct Recharge Project – Paulsell Lateral Expansion	The Project will rehabilitate, automate, and expand the Paulsell Lateral to supply an additional 150 CFS to facilitate recharge.	\$18,088,000	\$14,383,000
<b>2022SIR20056</b>	<b>4-004.07 Santa Clara River Valley-Santa Clara River Valley East</b>	<b>36th Assembly District, 37th Senate District, District 38 (CA)</b>	<b>Santa Clarita Valley Water Agency - SCVWA</b>	<b>Expanded Monitoring in the Upper Santa Clara River Groundwater Basin</b>		<b>\$5,304,640</b>	<b>\$5,304,640</b>
				Monitoring Wells	This component consists of the siting, design, construction, and testing of new dedicated groundwater monitoring wells in the Basin.	\$4,912,760	\$4,912,760
				Existing Contracted GSP Implementation	This component consists of the establishment of an Ongoing Monitoring Program and associated protocols; performing of Ongoing Monitoring, Reporting, and Outreach; and the participation of a consultant in SCV-GSA Staff and Board of Director meetings, as well as on-call services.	\$208,565	\$208,565

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				Domestic Well Survey	This component consists of the follow-up review of available DWR well records for domestic wells, identification of well locations based on the well record descriptions, review of historical and recent aerial photos, and review of municipal water hookup and usage records to identify developed parcels without municipal service.	\$95,036	\$95,036
				Grant Administration	Perform tasks necessary to perform reporting and invoicing for the grant agreement.	\$88,279	\$88,279
<b>2022SIR20058</b>	<b>5-021.57 Sacramento Valley-Vina</b>	<b>3rd Assembly District, 4th Senate District, District 1 (CA)</b>	<b>Vina Groundwater Sustainability Agency</b>	<b>Vina Subbasin GSP Projects and Management Actions Implementation</b>		<b>\$5,535,000</b>	<b>\$5,535,000</b>
				Grant Administration	Perform tasks necessary to perform reporting and invoicing for the grant agreement.	\$200,000	\$200,000
				Monitoring Network Enhancements	This component consists of the installation of monitoring wells (both multi-completion and single completion) and installation of surface water stream gages.	\$400,000	\$400,000
				Community Monitoring: Domestic Well Survey	This component consists of the outreach to the domestic well owner community within the subbasin.	\$100,000	\$100,000
				GSP Implementation and Compliance Activities	This component consists of a fee study; development of the annual report; the review understanding, and acting upon DWR's GSP comments; and the preparation of the five-year GSP update.	\$660,000	\$660,000
				Inter-basin Coordination Activities	This component will consist of the following activities: gather and evaluate data, and develop a refined approach for the ISW SMC; conduct a joint analysis and evaluation of GSPs with neighboring subbasins within the northern Sacramento Valley area; add data to the Butte Basin Groundwater Model (BBGM); and update the BBGM.	\$450,000	\$450,000
				Extend Orchard Replacement Program	This component consists of the quantification of potential water savings and required incentivization costs, the development of a pilot project plan; implementation of a two-year pilot project; the preparation of a final long-term extension of the orchard replacement action plan.	\$1,500,000	\$1,500,000
				Lindo Channel Surface Water Recharge Implementation	This component consists of the utilization of the existing flood control infrastructure in Chico to divert excess flow out of Big Chico Creek into Lindo Channel in order to use the channel for increasing groundwater recharge.	\$350,000	\$350,000
				Agricultural Surface Water Supplies Feasibility Analysis	This component consists of the development of an initial list of projects; performing of an initial screening of projects; documentation and performing of feasibility analyses; and the engaging and providing of education and outreach to stakeholders and local community members.	\$275,000	\$275,000
				Agricultural Irrigation Efficiency Pilot Program and Education	This component consists of the leveraging of education and outreach, conducting of a feasibility study involving piloting innovative technologies, and the development a precision irrigation implementation plan to improve ET-based water management at a broader scale in the Vina Subbasin.	\$1,000,000	\$1,000,000
				Groundwater Recharge Feasibility Analysis and Site Evaluation	This component consists of a feasibility analysis to identify potential groundwater recharge implementation projects for the GSAs to implement within the Vina Subbasin.	\$600,000	\$600,000
<b>2022SIR20059</b>	<b>5-021.69 Sacramento Valley - Wyandotte Creek</b>	<b>3rd Assembly District, 4th Senate District, District 1 (CA)</b>	<b>Wyandotte Creek Groundwater Sustainability Agency</b>	<b>Wyandotte Creek Subbasin GSP Projects and Management Actions Implementation</b>		<b>\$7,367,284</b>	<b>\$5,527,284</b>
				Grant Administration	Perform tasks necessary to perform reporting and invoicing for the grant agreement.	\$200,000	\$200,000
				GSP Implementation, Outreach, and Inter-basin Coordination Activities	This component consists of a fee study; development of the annual report; the review understanding, and acting upon DWR's GSP comments; and the preparation of the five-year GSP update.	\$1,175,000	\$1,175,000
				Regional Conjunctive Use Project	This component consists of three phases: Intra-Basin Water Exchange Feasibility Study, Agricultural Surface Water Supplies Feasibility Study, and Agricultural Irrigation Efficiency.	\$400,000	\$400,000
				Monitoring Network Enhancements	This component consists of three phases: installation of monitoring wells, interconnected surface water monitoring expansion and GDE investigation, and community monitoring program development.	\$1,433,750	\$1,433,750
				Thermalito Water Treatment Plant Capacity Upgrade	This component consists of the removing of sections of the building floor to accommodate the two additional racks as well as compressors and blowers for operation. Additionally, this component would double the treatment plant capacity to 8 MGD with the installation of two filter racks and associated equipment.	\$2,318,534	\$2,318,534
<b>2022SIR20061</b>	<b>5-022.18 San Joaquin Valley - White Wolf</b>	<b>32nd and 34th Assembly District, 14th and 16th Senate District, District 21 and 23 (CA)</b>	<b>White Wolf GSA</b>	<b>White Wolf Subbasin Groundwater Sustainability Projects and GSP Implementation</b>		<b>\$13,492,000</b>	<b>\$4,834,000</b>

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				GSP Reporting, Data Gap Filling, Outreach, and SGMA Compliance Activities	This component will consist of the following activities: development and submittal of four annual reports; responding to DWR comments; filling of data gaps; installation of one to three dedicated monitoring wells; preparing of the 2027 GSP; and the conducting of stakeholder outreach and engagement.	\$2,352,000	\$2,352,000
				“South Canal” 850 Canal Intertie	This component consists of the intertying of the AEWS and WRMS by constructing a new short pipeline segment from the end of the existing S73-P4 Lateral to the 850 Canal; and the replacing of approximately 4,100 lineal feet of the S73-P4 Lateral with a larger pipe to increase the amount of water that can be delivered into the 850 Canal by 20%.	\$925,000	\$925,000
				In-Lieu Banking Program	This component consists of the construction of 19 new irrigation landowner services or “turnouts” and associated piping that will allow Central Valley Project (CVP) floodwater, under AEWS’s large Class 2 water supply contract, to be conveyed to lands that rely only on groundwater to meet their domestic and agricultural demands.	\$1,345,000	\$1,345,000
				Grant Administration	Perform tasks necessary to perform reporting and invoicing for the grant agreement.	\$212,000	\$212,000
<b>2022SIR20070</b>	<b>3-004.10 Salinas Valley - Monterey</b>	<b>29th and 30th Assembly District, 17th Senate District, District 20 (CA)</b>	<b>Marina Coast Water District</b>	<b>GSP Implementation Activities in the Monterey Subbasin</b>		<b>\$19,982,500</b>	<b>\$6,447,910</b>
				Monterey Subbasin Data Expansion and SGMA Compliance	This component consists of SGMA Representative Monitoring Network improvements, including installation of new monitoring wells; filling of data gaps; interagency collaboration and incorporation of new data into the Seawater Intrusion Model to support assessment of projects and management actions; and the updating and improving the Monterey Subbasin calibration within the Salinas Valley Integrated Hydrologic Model.	\$4,949,000	\$4,949,000
				Engagement of Interested Parties and Domestic Well Owners	This component consists of the evaluation of regional project benefits and impacts on the Monterey Subbasin, building upon the feasibility study and engineering analysis of regional projects; operationalizing the management guidance from the Deep Aquifers Study together with other agencies and adjacent subbasins; modeling and evaluating combinations of Marina-Ord, Corral de Tierra, and regional projects; and the conducting of multi-agency coordination and interested party outreach and engagement.	\$450,000	\$450,000
				Project Update Report	This component consists of the engagement of interested parties and conducts outreach in the Corral de Tierra Management Area of the Monterey Subbasin.	\$786,300	\$786,300
				Grant Administration	Perform tasks necessary to perform reporting and invoicing for the grant agreement.	\$648,200	\$262,610
<b>2022SIR20075</b>	<b>5-021.66 Sacramento Valley-Solano</b>	<b>11th Assembly District, 3rd Senate District, District 3 (CA)</b>	<b>Solano Subbasin GSA</b>	<b>Solano Subbasin GSP Compliance and Implementation</b>		<b>\$4,411,000</b>	<b>\$4,411,000</b>
				GSP Implementation, Outreach, and Compliance Activities	This component consists of the continued program management for GSP implementation activities, continued stakeholder engagement and community outreach, the preparation of annual reports, modifying the GSP to respond to the DWR determination letter, and preparing the Five-Year GSP Update.	\$965,000	\$965,000
				GSP Monitoring and Data Management Enhancements	This component consists of the efforts to address data gaps identified in the GSP and through subsequent evaluations, performing of enhancements to the GSP data management system (DMS), and the expansion of the existing monitoring and assessment of conditions related to interconnected surface water (ISW) and groundwater dependent ecosystems (GDEs) along Putah Creek.	\$970,000	\$970,000
				Supporting Groundwater Use Management Actions	This component consists of the refining of existing information related to water uses, education and outreach to water users in the Subbasin on water conservation practices and developing policy to ensure the sustainable management of groundwater is maintained in the Subbasin.	\$1,175,000	\$1,175,000
				Water Supply Replenishment and Reliability Projects	This component consists of a recharge study, investigation of groundwater conditions for localized areas and analysis of the City of Vacaville recycled water project.	\$900,000	\$900,000
				Grant Administration	Perform tasks necessary to perform reporting and invoicing for the grant agreement.	\$401,000	\$401,000
<b>2022SIR20076</b>	<b>5-022.15 San Joaquin Valley-Tracy</b>	<b>13th Assembly District, 5th Senate District, District 10 (CA)</b>	<b>Banta-Carbona ID</b>	<b>BCID Conjunctive Use Project</b>		<b>\$14,402,000</b>	<b>\$10,000,000</b>
				BCID Conjunctive Use Project	This component consists of the Banta-Carbona Irrigation District (BCID) providing surface water to agricultural land that is currently solely reliant on groundwater and help to avoid these undesirable results.	\$14,402,000	\$10,000,000

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2022SIR20082	3-004.02 Salinas Valley-East Side Aquifer, 3-004.04 Salinas Valley - Forebay Aquifer, 3-004.05 Salinas Valley-UpperValley Aquifer, 3-004.09 Salinas Valley - Langley Area	30th Assembly District, 12th and 17th Valley Senate District, District 20 (CA)	Salinas Valley Basin Ground Water Sustainability Agency	Salinas Valley GSP Implementation Grant (Eastside Aquifer, Forebay Aquifer, Langley Area, and Upper ValleyAquifer Subbasins)	\$20,676,600	\$10,393,900
	Grant Administration	Perform tasks necessary to perform reporting and invoicing for the grant agreement.			\$984,600	\$944,900
	Data Expansion and SGMA Compliance	Collects, refines, and updates necessary data and assessment tools for 4 adjacent subbasins of the Salinas Valley: the Eastside Aquifer, Forebay Aquifer, Upper Valley Aquifer, and Langley Area Subbasins.			\$5,852,000	\$5,852,000
	Engagement of Interested Parties and Underrepresented Communities	Engages interested parties and conducts outreach in the 4 subbasins of the Salinas Valley included in this grant application: the Eastside Aquifer, Forebay Aquifer, Upper Valley Aquifer, and Langley Area Subbasins.			\$3,597,000	\$3,597,000
					<b>\$794,806,543</b>	<b>\$187,289,000</b>