**Key components for Scott Valley Implementation Grant**

Component 1: Grant Administration — ***Estimated Budget: 10% of total grant amount***

Component 2: SGMA Compliance and GSP Updates — ***Estimated Budget:* $*1,458,0000***

Component 3: Fee Study and Economic Analysis — ***Estimated Budget:* $*200,000***

Component 4: Well Inventory— ***Estimated Budget:* $*300,000***

Component 5: SVID Recharge Project — ***Estimated Budget:* $*1,100,000***

Component 6: Ditch Infiltration Study — ***Estimated Budget:* $*220,000***

Component 7: Irrigation Efficiency Projects— ***Estimated Budget:* $*1,000,000***

Component 8: Upland Management Projects — ***Estimated Budget:* $*400,000***

**Total $*4,778,000 +* $477*,800 (grant admin) = $5,295,800***

**Component 1- GRANT ADMINISTRATION**

**Component 2- SGMA COMPLIANCE AND GSP UPDATES**

* Comments from DWR
* Reporting- annual and 5-year update
* Model updates and scenario evaluation
* Data gap analysis and monitoring network updates (includes water quality monitoring network development)
* Data management system
* Stakeholder outreach

**Component 3- FEE STUDY AND ECONOMIC ANALYSIS**

* Evaluation of fee/ rate Options
* Update of parcel-specific database of groundwater use and supply
* Development of fee/ rate schedules to fund costs of implementation of the GSP and ongoing administration of the GSA
* Completion of a hydro-economic analysis of the value of irrigation water as a function of crop type and water needs
* Stakeholder outreach/ community engagement

**Component 4- WELL INVENTORY**

* Initial inventory development
* Collect missing information (well depth, well logs, etc)
* Database development
* Monitoring well instrumentation

**Component 5- SVID RECHARGE PROJECT**

* Build on existing project
* Permitting and environmental documentation (i.e., applications for diversion permits)
* Monitoring well instrumentation and instream flow station installation (construction)
* Monitoring (biological, benefits to groundwater levels and streamflow)
* Data Analysis
* Stakeholder outreach- includes annual diversion report.

**Component 6- DITCH INFILTRATION STUDY**

* Project planning and design of pilot projects
* Baseline data collection
* Permitting and environmental documentation
* Construction or instrumentation of existing infrastructure for
* Analysis of data to evaluate benefit to the groundwater basin from ditch
* Monitor and demonstrate small scale project and design the full scale for the next step
* Stakeholder outreach

**Component 7- IRRIGATION EFFICIENCY AND WATER CONSERVATION**

* Ranch assessment: to be completed by UCCE (2023-2025)
* Identification of locations pilot projects
* Pilot installation (2025-2026)
* Monitoring to demonstrate benefit and water savings
* Stakeholder outreach

**Component 8- UPLAND MANAGEMENT PROJECTS**

* Goal of this component is to demonstrate and quantify benefits to groundwater or streamflow from existing or planned upland management projects in the watershed (i.e., Sugar Creek water yield project, juniper removal)
* Analysis and monitor contribution from the watershed into the groundwater basin and evaluation of the impact of fire, forest management, etc.
* Monitor and demonstrate benefits of existing upland management projects
* Stakeholder outreach