

**AMENDED GRANT AGREEMENT
SIGNATURE PAGE**

AGREEMENT NUMBER 23-0648-000-SO
AMENDMENT NUMBER 1

- This Agreement is entered into between the State Agency and the Recipient named below:
STATE AGENCY'S NAME
DEPARTMENT OF FOOD AND AGRICULTURE (CDFA)
RECIPIENT'S NAME
SLOUGHHOUSE RESOURCE CONSERVATION DISTRICT
- The term of this Agreement is: November 1, 2023 through March 31, 2027
- The maximum amount of this Agreement is: \$432,153.00
- The parties agree to comply with the terms and conditions of the following exhibits which are by this reference made a part of the Agreement:

Paragraph two (2) of the 2023 Water Efficiency Technical Assistance Agreement is hereby amended to extend the expiration date from March 31, 2026 to a new expiration date of March 31, 2027.

Attached is the amended Scope of Work (5 pages) with old information struck out and new information added in red. Budget contingency language and line item changes have been added to the budget. The attached Scope of Work hereby replaces the one in the original agreement.


The time extension and the revision to the Scope of Work is necessary due to delays during the review period of the grant project, in addition to the limited expenditure period of the grant funds, which led to a shortened grant term prior to the execution of the original agreement.

There is no change to the maximum amount of the Agreement.


All other terms and conditions of this Agreement shall remain the same.

IN WITNESS WHEREOF, this Agreement has been executed by the parties hereto.

RECIPIENT

RECIPIENT'S NAME (Organization's Name)
SLOUGHHOUSE RESOURCE CONSERVATION DISTRICT
BY (Authorized Signature)  DATE SIGNED 1/22/26
PRINTED NAME AND TITLE OF PERSON SIGNING
Herb Gakms Chair-Sloughhouse RCD
ADDRESS
PO Box 1105, Sloughhouse, CA 95683

STATE OF CALIFORNIA

AGENCY NAME
DEPARTMENT OF FOOD AND AGRICULTURE (CDFA)
BY (Authorized Signature)  DATE SIGNED
PRINTED NAME AND TITLE OF PERSON SIGNING
ANDREA PERKINS, SUPERVISOR I, OFFICE OF GRANTS ADMINISTRATION
ADDRESS
1220 N STREET, ROOM 120
SACRAMENTO, CA 95814

Water Efficiency Technical Assistance (WETA) Program- Scope of Work

Background and Purpose

The California Department of Food and Agriculture (CDFA) was appropriated \$15 million for irrigation water efficiency and nutrient management technical assistance grants from the California Emergency Relief Fund. The WETA grant program is designed to facilitate technical assistance to agricultural operations for on-farm water and energy use efficiency and nutrient management.

WETA has three primary objectives:

1. Provide on-farm, on-on-one technical assistance to farmers to evaluate irrigation system efficiency (e.g., mobile irrigation lab) and provide diagnostics, reports and recommendations to growers.
2. Coordinate or provide pump efficiency testing for farmers.
3. Provide training regarding water use efficiency and nutrient management practices and technology.

Project Information

Awardee Name: Sloughhouse Resource Conservation District

Award Amount: \$432,153.00

Project Title: Sloughhouse RCD Water Efficiency Program

Project Summary: The Sloughhouse Resource Conservation District (SRCD) (A local RCD and Groundwater Sustainability Agency in the Cosumnes and South American Subbasins) will hire a Water Efficiency Program Coordinator (Coordinator) to serve farmers and ranchers in the RCD service area. SRCD serves the southeastern portion of Sacramento County. The coordinator will be tasked with meeting all three Water Efficiency Technical Assistance (WETA) program objectives. The coordinator will use a new Mobile Irrigation Lab (MIL) to assist farmers and ranchers in learning about opportunities to improve the efficiency of their irrigation practices. The coordinator will also provide irrigation system diagnostics with the goal of reducing water and energy use. Using distribution uniformity (DU) and other efficiency metrics produced by the MIL, recommendations to improve efficiency will be provided to landowners. In addition, the coordinator will provide one-on-one support to farmers and ranchers by assisting with coordination of pump efficiency tests, irrigation water

management technology calibration, data interpretation, and other irrigation training as needed. Lastly, the Coordinator will develop a training program to provide relevant water efficiency training opportunities and materials to reach a larger audience.

Service Area: Sacramento

Languages in which TA will be provided in addition to English: N/A

Commitment to expending at least 25% of the awarded funds to assisting Socially Disadvantaged Farmers and Ranchers: Yes

Project Objectives

The Recipient is responsible for ensuring completion of the objectives in the following section.

Objective 1: On-farm Irrigation System, Water Management and Nutrient Management Evaluation:

A Water Efficiency Program Coordinator will be hired to develop the Mobile Irrigation Lab and Water Efficiency program. This individual will have experience working with agricultural irrigation systems and will participate in professional trainings to ensure a scientifically sound program is developed. In carrying out this work, the coordinator will utilize the many resources available through key educational institutions, such as Cal Poly SLO and UC Davis, other RCDs, the NRCS, and others with knowledge of irrigation and water use efficiency. The Mobile Irrigation Lab will be ready to launch by Spring 2023 and will perform site visits during the 2023 and 2024 irrigation seasons. During this time, the coordinator, supported by other SRCD staff, will apply for grants to provide for longer term funding of the MIL program. Recommendations provided by the Water Efficiency Program Coordinator will also be aligned with priorities outlined in the Cosumnes Subbasin Groundwater Sustainability Plan, South American Subbasin Groundwater Sustainability Plan, and the Sacramento Climate Action Plan.

- Estimated Number of Farmers to be Assisted through Objective 1: 95

Objective 2: Provision of Pump Efficiency Testing: SRCD will work with a contractor to perform pump efficiency testing. Through the Mobile Irrigation Lab, Water Efficiency Trainings, and our Groundwater Sustainability Agency work, we will identify landowners that would benefit from a pump efficiency test. The coordinator will work with both the landowner and contractor to schedule the test and provide an analysis of results.

- Estimated Number of Farmers to be Assisted through Objective 2: 60

Objective 3: Irrigation and Nutrient Management Training:

In-person workshops/trainings will be held to review methods for improving water use efficiency. Materials for the training will be drawn from similar efforts undertaken by other RCDs and other organizations providing irrigation education (examples provided below). Our focus will not be on developing new information, but to ensure that high quality existing information is presented in useful ways so they can be utilized by the broadest number of farmers. Additionally, one on-demand webinar-style training will be developed. Existing webinars such as the one developed by the Glenn County RCD will be publicized to local landowners and/or expanded to provide new information as well as translated. Our RCD will partner and coordinate with other RCDs or counties with MIL programs in the Sacramento Valley, to host irrigation-based workshops on a regional scale. Through preliminary conversations with other RCDs, we have discussed including presentations by irrigation specialists and professionals from partnering agencies, NRCS, UCCE, the Almond Board of California, consultants, and other in-field experts. These resources also will be promoted through SRCD and partner organizations' networks.

- Estimated Number of Farmers to Be Assisted through Objective 3: 100

Work Plan Activities: **Workplan activities must occur during the grant term**

Objective 1:

Activity 1: Activity Name: Initial Outreach, Training, and Evaluations. Lead: Project Manager. Time Frame: Year 1. Short Description: The Project Manager will conduct initial outreach, attend trainings, and complete at least 20 evaluations and reports using various supplies and meeting with local farmers on their properties.

Activity 2: Activity Name: Outreach, Training, and Evaluations. Lead: Project Manager. Time Frame: Years 2 – 3. Short Description: Conduct outreach, continue training, provide one-on-one technical support, and complete at least 75 evaluations and reports.

Objective 2:

Activity 1: Activity Name: Pump Test RFQ and Outreach. Lead: Project Manager. Timeframe: Year 1, Quarter 1 – 2. Short Description: Solicit contractors for RFQ to provide pump testing service and select contractor and develop and conduct outreach.

Activity 2: Activity Name: Pump Test Coordination. Lead: Project Manager. Timeframe: Years 1 – 3. Short Description: Work with pump owners and pump test consultant to coordinate update to 60 tests.

Objective 3:

Activity 1: Activity Name: Water Efficiency and Nutrient Management Training. Lead: Project Manager. Timeframe: Years 1-3. Short Description: Research, cross train, and develop training strategies to be able to provide training regarding water use efficiency and nutrient management practices and technology. Host at least one regional annual event. Participate in other events as available to provide training for growers in the service area. This program will aim to provide training and resources for Spanish and Hmong speakers in addition to English.

Reporting

The Recipient will submit detailed quarterly Progress Reports to CDFA identifying tasks and activities accomplished in the reporting period. CDFA will provide a reporting template and schedule. Progress Reports will include, at a minimum:

- Total number of individuals assisted.
- Information of farmers assisted.
- Number of individuals assisted who identify as SDFRs and/or farms 500 acres or less.
- Costs associated with assisting SDFRs.
- Number of irrigation assessments conducted.
- Total number of irrigation water management (IWM) assessments conducted.
- Total number of pump efficiency tests conducted.
- Total attendance at in-person and online water efficiency and/or nutrient management workshops and trainings.
- Links and or files for digital training materials that have been created.
- Links to translated files or digital training materials that have been created.

For auditing purposes, recipients are required to maintain detailed water efficiency technical assistance records on-site.

Budget: Attached table

Category	Name	Grant-Funded	Narrative
Personnel	1.1 - Initial Outreach, Trainings, and Evaluations	\$45,000.00	Conduct initial outreach, attend ITRC training, complete at least 20 evals. & reports. 900 hours over 1 year (6/23-6/24).
Personnel	1.2 - Outreach and Evaluations	\$75,000.00	Conduct outreach, continue training, provide on-on-one tech ,complete at least 40 evals. & reports.1,500 hours over 2 years (6/24-6/26).
Personnel	2.1 - Pump Test RFQ (District Manager)	\$4,800.00	Solicit contractors for RFQ to provide pump testing service and select contractor, and develop and conduct outreach. 60 hours at \$80
Personnel	2.1 - Pump Test RFQ (Project Manager)	\$3,000.00	Solicit contractors for RFQ to provide pump testing service and select contractor, and develop and conduct outreach. 60 hours at \$50/hour
Personnel	2.2 - Coordination of Tests	\$9,000.00	Coordinate 60 pump efficiency tests.
Personnel	3.1 - Trainings	\$75,000.00	Research, cross train, and develop training strategies to be able to provide training regarding water use efficiency and nutrient management practices and technology. Host at least one regional annual event. Participate in other events as available to provide training for growers in the service area. This program will aim to provide training and resources for Spanish and Hmong speakers in addition to English. 1500 hours at \$50/hour.
Personnel	4.1 - Administrative, reporting, and invoicing	\$27,000.00	Project Manager: 540 hours at \$50/hour
Personnel	4.2 - Oversight	\$16,000.00	District Manager: 200 hours at \$80/hour
Personnel	4.3 - Process payroll, expenses, invoices, etc.	\$37,500.00 \$12,500.00	Admin Coordinator: Process payroll, expenses, invoices related to project and Manage all aspects of RCD office management including insurance, liability, board report, etc. 500 hours at \$75/hour
Travel	1.1 - Initial Evaluations Travel	\$2,798.00	Pick-up truck rental 20 trips at \$100/trip plus actual mileage (est. avg. 60 mi/trip)
Travel	1.2 - Evaluations Travel	\$10,500.00 \$20,500.00	Pick-up truck rental 75 trips at \$100/trip plus actual mileage (est. avg. ~60 mi/trip)
Travel	3.1 - Trainings Travel	\$1,125.00	8 trips at \$100/day + mileage
Supplies	1.1 - Initial Outreach and Evaluations Supplies	\$2,500.00	Initial purchase of computer, tablet, software and field gear and supplies such as mud boots, waterproof field gear and sun hat, personal protection equipment, tool box, catch cans, graduated cylinders, goof plugs etc.
Supplies	1.2 - Outreach and Evaluations Supplies	\$2,000.00	Software subscriptions and re-stock misc. field supplies
Consultants/C	2.2 - Contract TBD: Pump Efficiency Tests	\$30,000.00 \$43,000.00	60 pump efficiency tests at \$500/test.
Indirect	Indirect Expenses	\$86,430.00	Indirect expenses (25%).
Other	3.1 - Trainings	\$4,500.00 \$6,500.00	Training fees and per diem
	Total	\$432,153.00	

Funds may not be expended after May 1, 2026 without additional written approval from CDFA.