

FRESNO IRRIGATION DISTRICT

METER INSTALLATION PROGRAM

FRESNO COUNTY, CA



**Application Submitted to the United States Bureau of Reclamation for a
WaterSMART: Small-Scale Water Efficiency Projects for FY2024 and FY2025
Funding Opportunity No. R24AS00059**

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JULY 2024

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(A) Technical Proposal

Executive Summary

General Project Information

Proposal Name: Meter Installation Program

Date: July 9, 2024

Applicant Name: Fresno Irrigation District

City, County, and State: Fresno, Fresno County, California

Project Summary

This Project will install as many as 20 meters on groundwater wells that are currently not metered. The Fresno Irrigation District (FID or District) will utilize the grant funding to provide to landowners to cover up to one-half of the cost of the meter installation on their well. The District is a Category A applicant and provides surface water for agricultural and municipal uses to approximately 247,000-acre area in Fresno County, California. The District is a conjunctive use District, as landowners and municipalities within the District are dependent on both groundwater and surface water to meet demands.

The Project meets the goals of the District's United States Bureau of Reclamation (USBR) Drought Management Plan to better manage water demand during drought by “[encouraging] growers within the District to improve irrigation efficiency and on-farm water management, especially during drought.” Metering will result in water savings and better water management for the landowners. Secondary project benefits include: raise groundwater levels, increase groundwater storage, reduce groundwater pumping costs in the local area, reduce greenhouse gases due to more efficient water use and benefit local disadvantaged communities. Water savings from the project is conservatively estimated to average approximately 60 AF/year. (assuming a 5% conservation for 20 wells that are metered that serve 20-acre parcels using approximately 3 AF/acre in certain years). The total project cost is estimated to be \$200,000 with a requested grant of \$100,000. The Project is designated to assist landowners within the District and will not include any modifications to Federal facilities or include work on Federal lands. Furthermore, there are no ground disturbing activities so there is no impact to sensitive, threatened, or endangered species. The District's Official Resolution for the Project is included as **Appendix A**.

The total length of the project is less than 12 months, with work commencing on July 1, 2025, and ending by June 30, 2026.

Project Location

The Project will be located within the District which is in Fresno County, CA. **Figure 1** shows the regional location of the District. The project will install meters within the agricultural areas of the District, outside of the cities of Fresno and Clovis. The exact location of each meter will be determined based on which landowners are selected for funding. There are currently more than 5,000 wells located throughout the District. **Figure 2** shows an estimation of the number of wells in each section in the agricultural areas of the District.

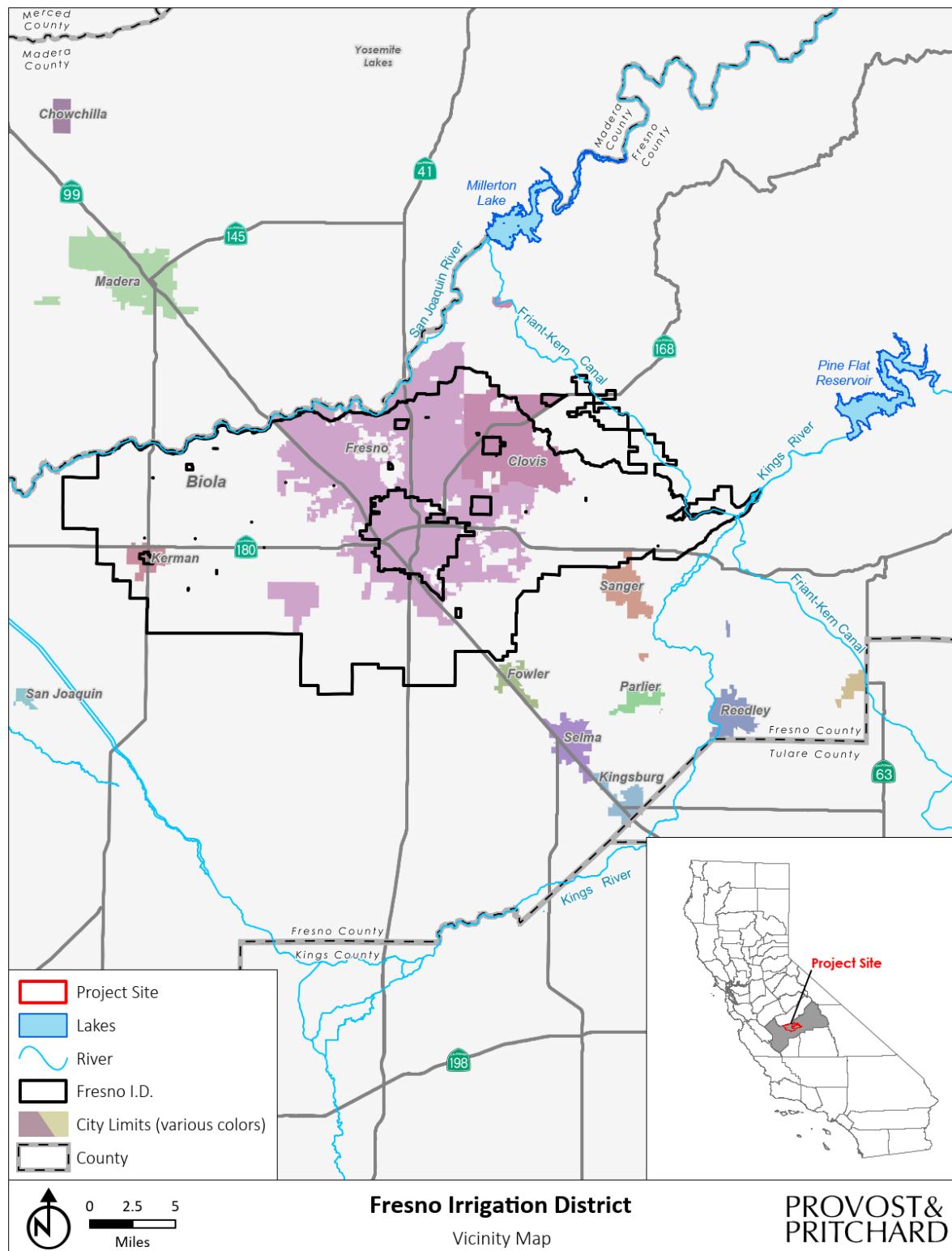


Figure 1 : Regional Vicinity Map

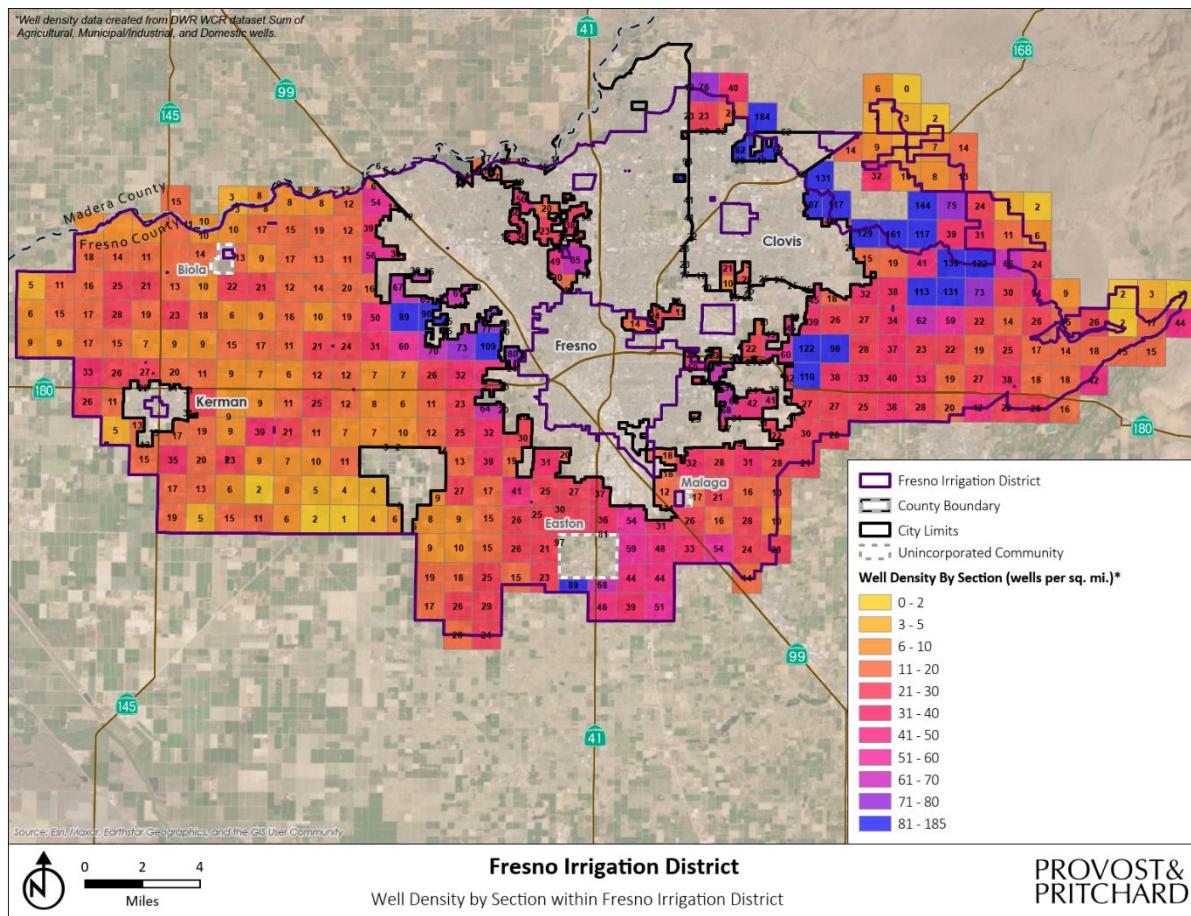


Figure 2 : Well Density Map

Technical Project Description

This project will use the grant funding to reimburse landowners for up to 50% of the cost to install a meter on their existing well. Based on best available data, there are more than 2,500 private agricultural wells in the District, and very few private wells are metered. The District proposes to fund half the cost for landowners to furnish and install meters on unmetered wells. The District will conduct outreach to landowners to solicit interest in the program. Landowners shall submit to the District proof of an existing non-metered well, and a cost estimate for installation of a District-and-program-acceptable meter. Landowners will be selected for funding until the grant funds have been exhausted.

Landowners will be required to have a District-approved meter installed in accordance with District and program requirements by a licensed contractor. The District will inspect the well discharge piping before and after installation of the meter. Upon inspection of the meter installation by the District, the landowner can submit proof of contractor payment for reimbursement of up to 50% of the meter cost, including the cost of the equipment, materials, and installation. Meter types and sizes will vary by location. Typical sizes within the District range from 8 inches to 18 inches. A saddle meter may be acceptable to install within some existing

discharge pipes. Other locations may require removal of a section of piping, flanging that pipe and installing a meter. The meters shall have an instantaneous flow indicator in cubic feet per second and a totalizer in acre-feet, be accurate to within +/- 2%, and be capable of communicating with remote telemetry. **Figure 3** provides an example of a properly installed meter. The construction impacts will be limited to the wellhead discharge piping.



Figure 3 - Example of Installed Meter

Evaluation Criteria

EVALUATION CRITERION A—PROJECT BENEFITS (35 POINTS)

Water Delivery System

The Fresno Irrigation District was formed in 1920 and represents a 247,000-acre area in Fresno County, California. Of the 247,000 acres, more than half of the acreage is irrigated agriculture. In an average year, FID delivers approximately 500,000 AF of surface water mostly for agricultural users, with increasing amounts for groundwater recharge. The District is a conjunctive use district, using primarily surface water and groundwater to supplement the surface water supply. Groundwater is supplied primarily from private agricultural wells.

- *Will the project result in more efficient management of the water supply?*

Increased metering will improve the management of the overall water supply within the District by giving the landowners a better tool to manage their groundwater use during periods when surface water is not available from the District. By gathering real-time water usage from the irrigation wells within the District, landowners can better quantify daily deliveries of applied groundwater, and conserve water use. Landowners have expressed support for the Project, stating

that the Project will “provide better measurement of water use on [their] property to help manage water use.” The North Kings Groundwater Sustainability Agency has also stated in their support letter that the Project “will assist landowners with the needed changes to achieve groundwater sustainability in the Kings Subbasin.” Letters of Support are included as **Appendix B**.

- *Where will any conserved water, as a result of the project, go and how it will be used?*

Conserved water will stay in the aquifer for later use during dry or drought periods when surface water supplies are limited. Because the area is a conjunctive use area, the overall area will benefit from conserved water by reducing groundwater use. The water conserved will benefit the entire area served by the District, which includes a large disadvantaged community area, the cities of Clovis, Fresno, Kerman, and the communities of Biola, Easton, Pinedale, and Malaga.

- *Are customers not currently getting their full water right at certain times of year?*

During peak irrigation deliveries in summer months, there are times when all landowner demands cannot be met because of surface water conveyance limitations, so groundwater use is relied upon by some landowners. The District’s overall water supply varies by hydrologic year. The District’s irrigation delivery season typically runs for five months from April through August, but it was limited to just two months in 2014 and only two weeks in 2015 due to drought severity experienced during that period.

- *Does this project have the potential to prevent lawsuits or water calls?*

The project will provide improved water measurement capabilities, in addition to an enhanced understanding and documentation of groundwater use. These benefits will conserve overall water use which may help prevent the potential for challenges over water use with the District and the region.

- *What are the consequences of not making the improvement?*

The District is within a critically overdrafted groundwater basin, as defined by the State of California’s Department of Water Resources, and is required to reach groundwater sustainability by 2040 under the Sustainable Groundwater Management Act (SGMA). Not implementing the project will result in a missed opportunity to better manage up to 1,200 AF of water supply (20 wells that serve 20-acre parcels using approximately 3 AF/acre) during certain years and hinder the basin’s sustainability efforts.

- *Are customer water restrictions currently required?*

FID schedules all surface water deliveries and limits total water use per acre per month in accordance with a schedule for each conveyance lateral, which can restrict the amount of surface water available for some landowners. Groundwater is used to supplement surface water application to meet crop water need. Total groundwater use within FID is required to reach sustainability, avoiding declining trends and undesirable results, by 2040.

- *Other significant concerns that support the need for the project.*

FID is located within a critically overdrafted groundwater basin, and overall groundwater use in the basin must reach sustainability and avoid undesirable results, such as declining water levels, by 2040. FID is also implementing this initial funding program to help incentivize landowners to install meters on wells for improved overall water supply management on-farm and within FID. Landowners have expressed support for the Project. Letters of Support are included as **Appendix B**.

Broader Benefits:

- *Will the project improve broader water supply reliability at subbasin or basin scale?*

The Project will introduce new water management benefits that will improve water supply reliability. The following reasons describe why the Project benefits are important at a subbasin scale:

- **Groundwater Sustainability.** The Project is located in the Kings Groundwater Subbasin, which was determined to be a “critically overdrafted” basin in California Department of Water Resources Bulletin 118-03. The Project will help reduce potential over-watering of crops by metering groundwater usage, which will both help in the regional and local efforts to reach groundwater sustainability.
- **Regional Project Benefits.** The Project will improve overall water supply management, conserve groundwater pumping, and ultimately help FID and the overall groundwater basin reach groundwater sustainability. The conserved groundwater from the project will be available for use during later dry or drought periods. The implementation of this Project will allow landowners to better manage their water supplies which will result in improved efficiency and reduced reliance on the region’s aquifer.
- *Will the proposed project increase collaboration and information sharing among water managers in the region? Please explain.*

The Project will increase collaboration between FID water system operators and landowners. The Project will provide real time water usage data that can be used by landowners to make more informed water management decisions, especially during droughts. The meters will be equipped with components capable of connecting with remote telemetry for potential future reporting of groundwater use to FID.

- *Is the project in an area that is experiencing, or recently experienced, drought or water scarcity? Will the project help address drought conditions at the subbasin or basin scale?*

FID has been practicing drought management for several years. The Project is located in California’s Central Valley, which regularly experiences periods of sustained drought and water scarcity. The last drought spanned the water years of 2020 and 2022. **Figure 4****Figure 7** shows drought maps from the United States Drought Monitor for this period. The figures are annotated to show the general location of Project location. **Figure 8** shows the percentage of Fresno County in a drought since 2000 as well as the drought severity experienced during that period. According to the United States Drought Monitor (<https://droughtmonitor.unl.edu/DmData/TimeSeries.aspx>), there have been three periods of “exceptional drought” long term droughts since the year 2000.

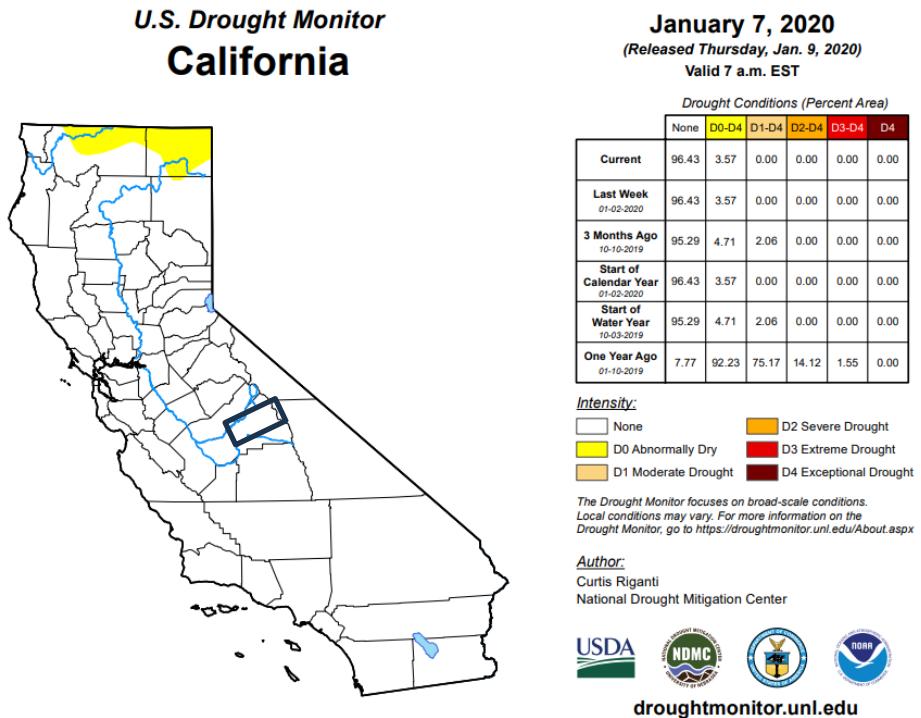


Figure 4: U.S Drought Monitor Report (January 7, 2020)

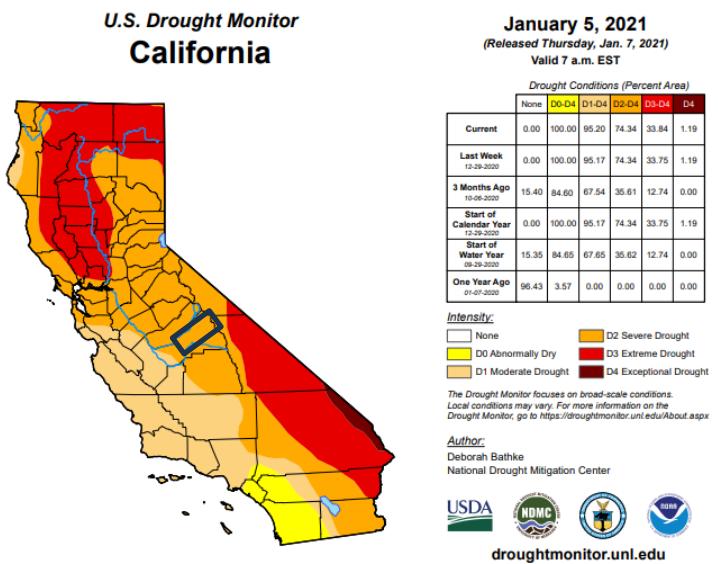


Figure 5: U.S Drought Monitor Report (January 5, 2021)

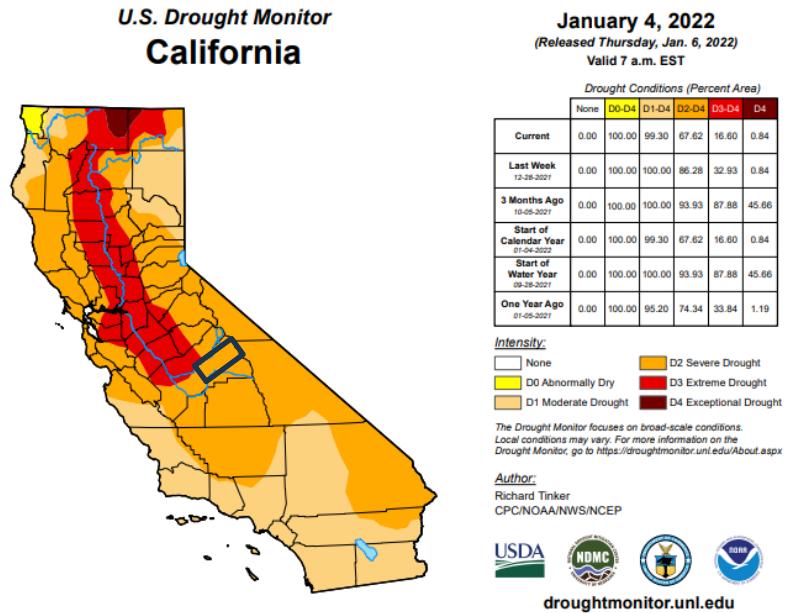


Figure 6: U.S Drought Monitor Report (January 4, 2022)

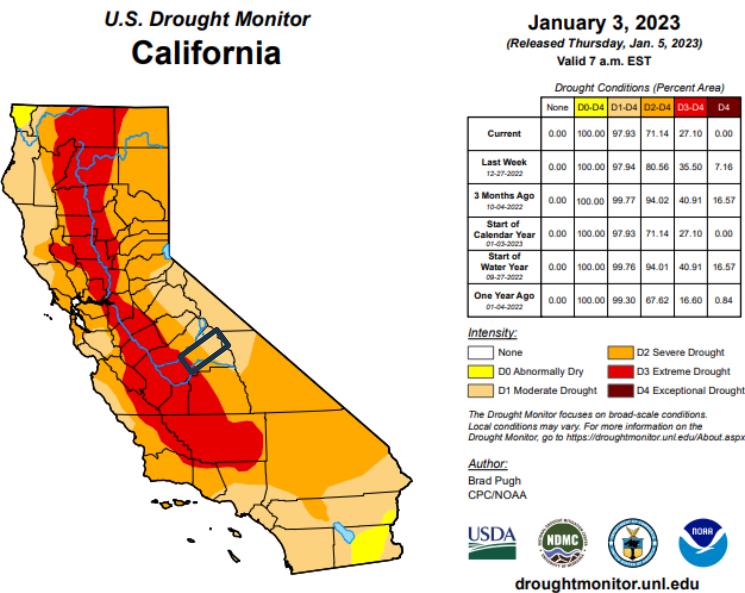


Figure 7: U.S Drought Monitor Report (January 3, 2023)

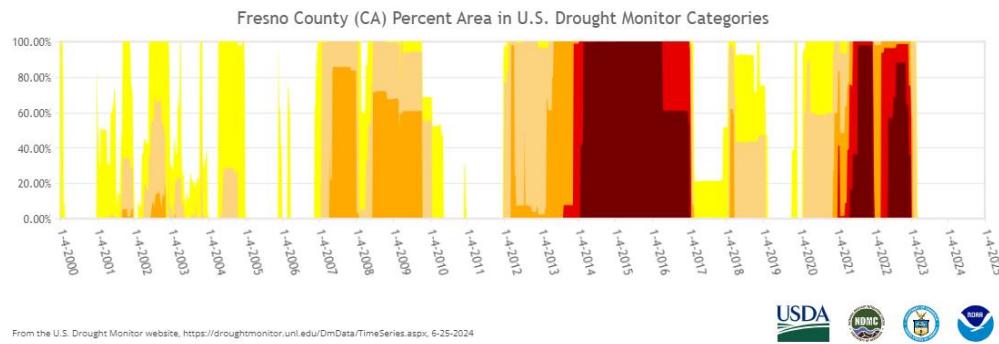


Figure 8: Percentage of Drought in Fresno County since 2000

- *Will the project benefit species (e.g. federally threatened or endangered, a federally recognized candidate species, a state listed species, or a species of particular recreational, or economic importance)?*

Improved overall water supply management within the District will help support the District's responsibility in the Kings River Fisheries management program.

- *Will the proposed project positively impact/benefit various sectors and economies within the applicable geographic area (e.g., impacts to agriculture, environment, recreation, and tourism)? Please explain.*

The Project will have a direct positive impact on agriculture. Agriculture is a major economic driver in Fresno County, with more than 50% of FID's total acreage being designated for agriculture purposes. More than 70% of all crops are permanent crops. In order to continue to meet present and future water needs within the District, landowners are encouraged to ensure their irrigation system and practices avoid over-irrigation and water loss. The water conserved will remain in the aquifer that all sectors within the area are dependent upon (agricultural, municipal, etc.) and will help the District and groundwater basin reach groundwater sustainability by 2040. The area is predominantly a disadvantaged community (undeserved) as shown in **Figure 10**, that relies heavily on groundwater for water supply. The project provides the following economic benefits – 1) meet present and future water needs for agriculture demand, 2) job security for those working in agriculture management, food processing and agricultural equipment and supplies, 3) landowners and municipalities spending less on water supplies, and 4) more efficient use of water allows for reduced groundwater extraction and lower energy consumption.

- *Will the project compliment work being done in coordination with NRCS in the area (e.g., the area with a direct connection to the district's water supply)? Please explain.*

Yes, the District is working directly with NRCS to implement on-farm improvements to conserve water and improve irrigation efficiency. This Project will directly complement that program by providing measurement of on-farm water use. The District's EQIP program is described on their website at <https://www.fresnoirrigation.com/grants>.

EVALUATION CRITERION B - PLANNING EFFORTS SUPPORTING THE PROJECT (25 POINTS)

Plan Description and Objectives

- *Is your project supported by a specific planning document or effort? If so, describe the existing plan. When was the plan developed? What is the purpose and objective of the plan?*

The Project is supported by the District's USBR Water Management Plan, and its [2018 Agricultural Water Management Plan](#) (AWMP). The AWMP includes the District's 2016 USBR Drought Management Plan (DMP) that "encourages growers within the District to improve irrigation efficiency and on-farm water management, especially during drought." The purpose of the District's 2018 AWMP, which was adopted by the Board of Directors on November 17th, 2020, and approved by USBR, is to describe its agricultural water management activities in accordance with Reclamation's and the State of California's requirements. The NKGSA's GSP (<https://northkingsgsa.org/groundwater-sustainability-plan/>) is focused directly on the region (including the District area) reaching groundwater sustainability. The reduction of overall groundwater use within the basin, including groundwater conservation due to groundwater metering, are included in GSP.

Plan Development

- *Who developed the planning effort?*

District staff developed the USBR Water Management Plan, Drought Management Plan, and AWMP, and the plans were adopted by the District's Board of Directors. The District is a member of the NKGSA and was directly involved in the development and implementation of the NKGSA's GSP.

- *What is the geographic scope of the plan?*

The plans are applicable for the entire District which covers a total of approximately 247,000 acres, with over 150,000 acres being irrigated agriculture. The Project will be applicable to any landowner who would like to participate in the meter program within the boundaries of the District.

Support for the Project

- *Is the project identified specifically by name and location in the planning effort?*

The continued effort to improve irrigation efficiency and on-farm water management, including the installation of meters, is included in the WMP and AWMP. The installation of meters and management of groundwater use is directly mentioned in the NKGSA's GSP as a management action to improve groundwater sustainability.

- *Is this type of project identified in the planning effort?*

Improving irrigation efficiency and on-farm water management is mentioned in District's USBR Drought Management Plan, attached to their approved AWMP ([2018 Agricultural Water Management Plan](#)). The installation of meters and management of groundwater use is directly mentioned in the NKGSA's GSP as a management action.

- *Explain whether the proposed project implements a goal, objective, or addresses a need or problem identified in the existing planning effort?*

Demand management is a key component to the District's DMP, AWMP, and GSP to reach groundwater sustainability by 2040. The Project will assist FID to protect and manage the surface water and groundwater resources to meet current and future demands.

- *Explain how the proposed project has been determined as a priority in the existing planning effort as opposed to other potential projects/measures.*

Protecting groundwater supplies in the region and reducing the impacts of future drought is a priority of the District. The District's DMP stresses that improving irrigation efficiencies, such as the goal of the proposed Project, will allow for the better management of surface water and groundwater supplies, especially if surface water supplies are reduced and groundwater use increases to supplement reduced supplies. The GSP requires the overall reduction of groundwater overdraft within the region to reach groundwater sustainability by 2040.

EVALUATION CRITERION C – IMPLEMENTATION AND RESULTS (20 POINTS)

- *Describe the implementation plan for the proposed project.*

The District will conduct outreach to landowners to solicit interest in the program. Landowners shall submit to the District proof of an existing non-metered well, and a cost estimate for installation of a District-and-program-acceptable meter. Landowners will be selected for funding until the grant funds have been exhausted. Landowners will be required to have a District-approved meter installed in accordance with District and program requirements by a licensed contractor. The District will inspect the well discharge piping before and after installation of the meter. Upon inspection of the meter installation by the District, the landowner can submit proof of contractor payment for reimbursement of up to 50% of the meter cost, which includes the cost of the equipment, materials, and installation. The project will be completed within one year of initiation. The full Project Schedule is included in **Figure 9**.

Fresno Irrigation District Project Schedule		
Description	Start Date	End Date
Project Administration	3/31/2025	6/30/2026
Estimated Grant Award	3/31/2025	
Grant Agreement	7/1/2025	
Project Administration	4/1/2025	6/30/2026
Reporting	7/1/2025	6/30/2026
Financial Reports	7/1/2025	6/30/2026
Interim Performance Reports	7/1/2025	4/30/2026
Final Performance Report	5/1/2026	6/30/2026
CEQA/NEPA	7/1/2025	8/31/2025
NEPA Categorical Exclusion	7/1/2025	8/31/2025
CEQA Notice of Exemption	7/1/2025	8/31/2025
Implementation	7/1/2025	4/30/2026
Outreach/Landowner Solicitation	7/1/2025	9/30/2025
Meter Installation	10/31/2025	4/30/2026

Figure 9 – Project Schedule

- *Proposals with a budget and budget narrative that provide a reasonable explanation of project costs will be prioritized under this criterion.*

Project budget and budget narrative are included in this application. The project budget was based on price quotations provided to perform the work. Meters quotes are provided as **Appendix C**.

- *Describe any permits and agency approvals that will be required along with the process and timeframe for obtaining such permits and approvals.*

No permits are required for the meter installation work described. The improvements will fall under a CEQA Notice of Exemption and NEPA Categorical Exclusion.

- *Identify and describe any engineering or design work performed specifically in support of the proposed project. What level of engineering design is the project currently?*

The Project does not require any engineering or design work. A list of approved meter types and requirements has been developed by the District, and the landowner shall have the District and program-approved meters installed in accordance with manufacturer specifications. The units will directly connect to the existing water supply infrastructure.

- *Does the applicant have access to the land or water source where the project is located? Has the applicant obtained any easements that are required for the project?*

The meters will be installed by the landowner on the landowner's well discharge piping. No additional access or easement is required. Meters will be utilized by landowners for personal use to improve water management decisions.

- *Identify whether the applicant has contacted the local Reclamation office to discuss the potential environmental and cultural resource compliance requirements for the project and the associated costs..*

No additional environmental or cultural compliance is required for the installation of a meter on an existing landowner well piping. A categorical exclusion is expected.

EVALUATION CRITERION D – NEXUS TO RECLAMATION (5 POINTS)

- *Is the proposed project connected to a Reclamation project or activity?*

FID has a Friant Division Central Valley Project (CVP) Class II water supply contract from the USBR for 75,000 AF from the Friant-Kern Canal. The project will improve management of overall water supply within the District, including the use of the CVP supply.

- *Does the applicant have a water service, repayment, or operations and maintenance (O&M) contract with Reclamation?*

Yes. FID has operated as Contractor of Project Water from the Friant Division of the CVP with the following USBR contract: Contract No. 14-06-200-1122D

- *Will the proposed work benefit a Reclamation Project area or activity?*

The Project and the District are both located within the CVP Friant Division, and the District is within the CVP Place of Use; therefore, the Project will directly benefit a Reclamation Project area. Also, FID's final water supply allocation is often not known until July. The Project will improve the metering of deliveries and reduce potential over-watering, ultimately reducing groundwater extraction to offset remaining demand.

EVALUATION CRITERION E – PRESIDENTIAL AND DOI PRIORITIES (15 POINTS)

1. Climate Change

- *Please provide specific details and examples on how the project will address the impacts of climate change and help combat the climate crisis.*

The Project will improve water management and water reliability for the acreage that the meters will measure water deliveries to, and help keep those lands in agricultural production, which will sequester carbon in soils and reduce greenhouse gas emissions. In addition, Project implementation will reduce groundwater pumping and raise groundwater levels, which will save energy by reducing pump lifts. The Project will reduce energy use by approximately 8,100 kWh (based on 1.8 kWh per foot of lift) and reduce greenhouse gases by 5.7 metric tons/year (based on 7.0555 x 10-4 metric tons CO₂ / kWh from EPA Greenhouse Gas Calculator).

- *Does this proposed project strengthen water supply sustainability to increase resilience to climate change?*

Climate change is expected to result in more precipitation as rainfall and reduced precipitation as snowfall, lowering the ability for reservoirs to store water. The Project will improve the management of the District's surface water and groundwater supply by reducing potential overwatering, especially in dry years when the surface water supply is more variable.

2. Disadvantaged or Underserved Communities

- *Describe how the project benefits those disadvantaged or underserved communities identified using the tool.*

The Project will provide regional benefits to the entire service area of FID by reducing overwatering and preserving groundwater. Ultimately, reducing groundwater extraction will make more groundwater available to underserved communities and other public water systems. During times of scarcity, FID landowners partially rely on groundwater to irrigate. Most of the disadvantaged communities in the area rely solely on groundwater for their potable water supply. The project will result in improved efficiency and reduced reliance on the aquifer. **Figure 10** shows that much of the District is identified as a Disadvantaged Community in the Climate and Environmental Justice Screening Tool.

3. Tribal Benefits:

The Project provides no direct benefits to Tribal Nations.

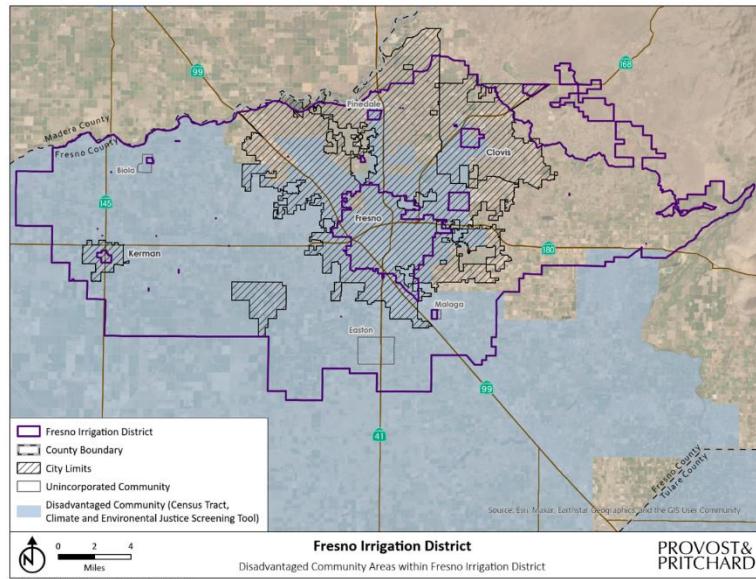


Figure 10 – Disadvantaged Community Area

(B) Project Budget

FID is seeking funds to reimburse landowners for the cost of installation of flow meters on their wells. The budget for the Project is \$200,000. FID is requesting \$100,000 of federal funds under this grant application. Meter size and installation cost will vary by location. Quotes for meter and installation were received and are included as **Appendix C**. Typically, costs are anticipated to vary from \$6,000 to \$12,000. Using a conservative estimate of \$10,000, a total of 20 meter installments is anticipated with the \$200,000 total project funding. FID landowners will cover the non-Federal cost share of this Project, as FID will utilize the grant funding to reimburse landowners for up to 50% of the cost of their meter installation upon successful completion and inspection of the meter installation. There is no other grant funding and no third-party in-kind costs associated with this Project.

Budget Proposal

The table below shows a breakdown of the costs by budget category. All costs will be construction related as the District will reimburse landowners for up to 50% of meter installation costs. District staff time associated with administration of the program will not be considered as part of the program in order to maximize funding available for landowners.

Summary			
6. Budget Object Category	Total Cost	Federal Estimated Amount	Non-Federal Estimated Amount
a. Personnel	\$0		
b. Fringe Benefits	\$0		
c. Travel	\$0		
d. Equipment	\$0		
e. Supplies	\$0		
f. Contractual	\$0		
g. Construction	\$200,000	\$100,000	\$100,000
h. Other Direct Costs	\$0		
i. Total Direct Costs	\$0		
j. Indirect Charges	\$0		
Total Costs	\$200,000	\$100,000	\$100,000
Cost Share Percentage		50%	50%

(C) Environmental and Cultural Resource Considerations

- *Will the proposed project impact the surrounding environment?*

No. The project will simply use mechanical equipment that will connect to the existing well piping. No ground disturbance is anticipated.

- *Are you aware of any species listed or proposed to be listed as a Federal threatened or endangered species, or designated critical habitat in the project area?*

No. Endangered species or habitat are not expected to be affected by the Project due to equipment installation not involving ground disturbing activities.

- *Are there wetlands or other surface waters inside the project boundaries that potentially fall under CWA jurisdiction as “Waters of the United States?”*

Not Applicable.

- *When was the water delivery system constructed?*

The District was formed in 1920 under the California Irrigation Districts Act and consists of over 800 miles of canals and distribution systems that were constructed between 1850 and 1880.

- *Will the proposed project result in the modifications to features of an irrigation system?*

Yes. The project will add meters to existing landowner well piping to the on-farm irrigation system.

- *Are any buildings, structures, or features in the irrigation district listed or eligible for listing on the National Register of Historic Places?*

The project will not impact facilities or features eligible for listing on the National Register of Historic Places.

- *Are there any known archeological sites in the proposed project area?*

No. The existing well discharge piping impacted are not considered archeological sites.

- *Will the proposed project have a disproportionately high and adverse effect on low income or minority populations?*

No. The Project is eligible for all landowners. The project will actually benefit the overall area, including a large portion that has been identified as disadvantaged as described within this application.

- *Will the proposed project limit access to and ceremonial use of Indian sacred sites or result in other impacts on tribal lands?*

No. There are no known sites or lands of concern within the likely meter installation locations, and the installation of meters on existing piping will not impact or change access.

- *Will the proposed project contribute to the introduction, continued existence, or spread of noxious weeds or non-native invasive species known to occur in the area?*

No. The installation of meters will not introduce the spread of weeds or non-native species.

Appendix A – Official Resolution

RESOLUTION NO. 2024-12

**RESOLUTION
OF THE
BOARD OF DIRECTORS
FRESNO IRRIGATION DISTRICT**

**FOR A GRANT FROM THE UNITED STATES BUREAU OF RECLAMATION
WATERSMART SMALL-SCALE WATER EFFICIENCY PROJECTS FOR
FISCAL YEAR 2024**

Whereas, the Fresno Irrigation District is a public agency and is eligible to submit an application for funding from the WaterSMART Small Scale Water Efficiency Projects for Fiscal Year 2024;

Whereas, the Fresno Irrigation District has a need for funding to deploy a water meter program for wells within its boundaries for willing landowners;

Whereas, Fresno Irrigation District will commit to the financial and legal obligations associated with receipt of financial assistance under the grant program;

Whereas, the Fresno Irrigation District has reviewed and supports the proposed application;

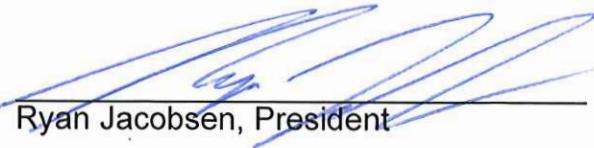
Whereas, the Fresno Irrigation District has the full capability to provide the amount of funding and/or in-kind contributions specified in the funding plan;

Whereas, if selected for a grant, the Fresno Irrigation District will work with United States Bureau of Reclamation to meet established deadlines for entering into a cooperative agreement.

RESOLVED by the Board of Directors of the Fresno Irrigation District that pursuant and subject to all of the terms and provisions of the WaterSMART Small-Scale Water Efficiency Grant Application, and amendments thereto, application by this District be made to the United States Bureau of Reclamation to obtain a grant for the solar project.

The General Manager is hereby authorized and directed to prepare the necessary data, make investigations, sign, and file such application, and if awarded work directly with the United States Bureau of Reclamation to finalize the necessary documents for award, reporting and reimbursement under the grant contract.

PASSED, APPROVED, AND ADOPTED at a regular meeting of Fresno Irrigation District, Fresno California, on this 13th day of June 2024, by the following votes:


Ryan Jacobsen, President

I, BILL STRETCH, Secretary of the Board of Directors of the Fresno Irrigation District (the "Board"), hereby certify that the foregoing is a full, true, and correct copy of Board Resolution No. 2024-12 (the "Resolution"), that the Board has not amended or repealed the Resolution, and that the Board duly adopted the Resolution at a regular Board meeting held on the 13th day of June 2024, and that the Board adopted the Resolution by the following vote:

	<u>Aye</u>	<u>Nay</u>	<u>Absent</u>	<u>Abstain</u>
President Jacobsen	✓	—	—	—
Vice-President Prieto, Jr.	✓	—	—	—
Director Porter	✓	—	—	—
Director Beberian	✓	—	—	—
Director Woolf	✓	—	—	—



Bill Stretch, Board Secretary

Appendix B – Letters of Support



July 3, 2024

Mr. Bill Stretch, General Manager
Fresno Irrigation District
2907 S. Maple Avenue
Fresno, CA 93725

Member Agencies
Bakman Water Company
Biola Community Services District
City of Clovis
City of Fresno
City of Kerman
County of Fresno
Fresno Irrigation District
Fresno Metropolitan Flood Control District
Garfield Water District
International Water District

Board of Directors
Chairman Jerry Prieto, Jr.
Fresno Irrigation District
Vice-Chairman Brian Pacheco
County of Fresno
Steve Pickens
Bakman Water Company
Mathew Basgall
City of Clovis
Jerry Dyer
City of Fresno
Kyle Moeller
Seat 7 – Members At Large
Karl Kienow
Garfield Water District

Executive Officer
Kassy D. Chauhan, P.E.

Internet
www.NorthKingsGSA.org

Mail
North Kings GSA
c/o Fresno Irrigation District
2907 S. Maple Ave.
Fresno, CA 93725

Phone
559-233-7161

Subject: Letter of Support for Fresno Irrigation District (FID) Grant Application

Dear Mr. Stretch:

The North Kings Groundwater Sustainability Agency (NKGSA) is writing in support of the Fresno Irrigation District's (FID) submission of a grant application to the United State Bureau of Reclamation (USBR) to support landowner metering efforts by providing up to 50% of the cost of meter installation on wells. The FID lies in the Kings subbasin (subbasin), designated as a high priority, critically over-drafted basin. As such, it is subject to the requirements of the Sustainable Groundwater Management Act (SGMA). The NKGSA is responsible for SGMA implementation in the subbasin and developed and submitted a Groundwater Sustainability Plan (GSP) in January 2020. This plan was reviewed by the Division of Water Resources (DWR) in 2022. Revisions to the plan were completed and it was resubmitted to DWR in July of 2022. DWR has since determined that the GSP was deemed to be complete as designated in the determination letter from DWR.

The addition of measurement for groundwater extraction facilities (wells) is identified as a management action and project in the GSP. Having resources available to landowners wishing to proceed with the addition of meters to their groundwater wells will significantly help the implementation of that program and management action as well as provide valuable groundwater extraction data. The NKGSA commends the FID for seeking these resources to assist landowners with the needed changes to achieve groundwater sustainability in the Kings Subbasin.

Letter of Support – FID Grant Application
July 3, 2024
Page 2

Please do not hesitate to contact me should you have any questions at 559-233-7161, x. 7109.

Sincerely,



Kassy D. Chauhan
Executive Director

6/19/2024

Kassy Chauhan
Special Projects Manager
Fresno Irrigation District
2907 S. Maple Avenue
Fresno, CA 93725

Subject: Letter of Support for FID Grant Application

Dear Ms. Chauhan:

I am aware that Fresno Irrigation District (District) is planning to submit a grant application to the United State Bureau of Reclamation (USBR) to support landowner metering efforts by providing up to 50% of the cost of meter installation on wells. I am a landowner in the District, and I am writing this letter to show my support for the grant application. Should the grant application be successful, I may pursue funding from this program in order to provide better measurement of water use on my property to help manage water use.

Sincerely,



Austin Hubbell
Landowner and Irrigation Consultant
Certified Crop Advisor #383867

June 19, 2024

Kassy Chauhan
Special Projects Manager
Fresno Irrigation District
2907 S. Maple Avenue
Fresno, CA 93725

Subject: Letter of Support for FID Grant Application

Dear Ms. Chauhan:

I am aware that the Fresno Irrigation District (District) is planning to submit a grant application to the United State Bureau of Reclamation (USBR) to support landowner metering efforts by providing up to 50% of the cost of meter installation on wells. As a landowner in Fresno ID, and I am writing this letter in support of the grant application. Should the grant application be successful, I may pursue funding from this program in order to provide better measurement of water use on my property to help manage our water supply.

Sincerely,



Sayre Miller
Partner
McFarlane and McFarlane

June 19, 2024

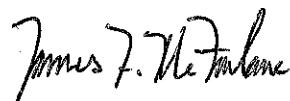
Kassy Chauhan
Special Projects Manager
Fresno Irrigation District
2907 S. Maple Avenue
Fresno, CA 93725

Subject: Letter of Support for FID Grant Application

Dear Ms. Chauhan:

I am aware that Fresno Irrigation District (District) is planning to submit a grant application to the United State Bureau of Reclamation (USBR) to support landowner metering efforts by providing up to 50% of the cost of meter installation on wells. I am a landowner in the District, and I am writing this letter to show my support for the grant application. Should the grant application be successful, I may pursue funding from this program in order to provide better measurement of water use on my property to help manage water use.

Sincerely,



James F. McFarlane
General Manager
McFarlane and McFarlane
Academy Ranch, LLC