

PROJECT INFORMATION FORM

Please complete a unique Project Information Form for each project in the application. There are no character limits on specific questions but the Project Information Form as a whole may not exceed 10 pages.

1. Project Name: Installation of Smart Meters in Jenner, CA
2. Local Project Sponsor (if different than grantee): Sonoma County Department of Transportation and Public Works
3. Please provide the latitude and longitude of the project site. For linear projects or those covering a large area, report the coordinates for a central point. If this information is confidential, it must be clearly labeled "confidential." You can find the latitude and longitude easily using google maps. You can find instructions at the following link:
<https://support.google.com/maps/answer/18539?hl=en&co=GENIE.Platform%3DDesktop>.

Latitude: 38.449730

Longitude: -123.115036

4. Please briefly describe the proposed project.
CSA-41 is a small water system that serves approximately 128 connections for the community of Jenner by the Sea. It is in a water scarce area, which over the last five years has been plagued by significant water loss; at times, over 50% of production goes unaccounted for. The existing meters are over 20 years old, and as such it is most likely the case that much of this water loss is due to unrecorded use. Under these circumstances, meters with age lose the ability to record low flows of water. In addition, what water flow they do record can be significantly less than what is going through the meter. Without accurate meter readings it is difficult, if not impossible, to discern water loss due to meters as opposed to leaks in the system. The County is proposing to address this through the purchase and installation of Badger smart meters, funded by DWR. Existing meters would be swapped out in-kind with the new smart meters, which are capable of broadcasting daily usage through cell signals to a cloud-based system. New plastic lids would also replace existing concrete vault lids to facilitate good signal strength at each replacement meter location.
5. Does this project respond to an existing emergency to humans and/or wildlife? If so, please describe the emergency and how this project is addressing it.
Yes, as the cause of the significant water loss within the system cannot be identified given the age and deterioration of the area's current equipment.
6. Each project must meet one of the following purposes as it relates to drought. Please select the appropriate purpose for your project.
 - a. Address immediate impacts on human health and safety, including providing or improving availability of food, water, or shelter.
 - b. Address immediate impacts on fish and wildlife resources.
 - c. Provide water to persons or communities that lose or are threatened with the loss or contamination of water supplies.

7. Each project must enhance regional drought resilience and align with the goals and objectives of the relevant approved Integrated Regional Water Management Plan. You can find the relevant IRWM Region by using the map at the following link:
<https://gis.water.ca.gov/app/dacs/>

The IRWM Plans can be found at the following link: <https://water.ca.gov/Work-With-Us/Grants-And-Loans/IRWM-Grant-Programs/Plan-Review-Process>. If you have any questions about the IRWM region the contact list can be found at the following link: <https://water.ca.gov/Work-With-Us/Grants-And-Loans/IRWM-Grant-Programs>. Applicants are encouraged to contact and coordinate with the applicable RWMG for the IRWM region in which the project is located

Please identify the IRWM objective your project addresses.
North Coast IRWM:

Objective 5 - Conserve and improve the economic benefits of North Coast Region working landscapes and natural areas

Objective 8 - Ensure water supply reliability and quality for municipal, domestic, agricultural, Tribal and recreational uses while minimizing impacts to sensitive resources

Objective 11 - Address climate change effects, impacts, and vulnerabilities including droughts, fires, floods, and sea level rise. Develop adaptation strategies for local and regional sectors to improve air and water quality and promote public health and safety.

Objective 12 - Promote local energy independence, water/energy use efficiency, GHG emission reduction, carbon sequestration, and jobs creation.

8. Describe the Primary Benefit of the project.

Quantified benefit: 307000

Units (Drop down):Other If other please enter:(up to) gal lost/month

Benefit Type: Water Conservation If other please enter:

9. Describe the Secondary Benefit of the project:

Quantified benefit: 0

Units (Drop down):Other If other please enter:(up to) 50% water loss/mo

Benefit Type: Improve operational efficiency If other please enter:

10. Please briefly describe how the project will achieve the claimed benefits.

By switching out the current water meters for smart meters, Jenner's water system will be able to identify if water loss is due to unrecorded usage or leaks. This will lead not only to conservation efforts, but also allow us to identify if other repairs are necessary.

11. Briefly describe how the community/area benefiting from this project is being impacted by the current drought.

The community's water supply has been greatly impacted by the recent drought. Residents were asked to reduce usage by 40% to conserve potable water.

12. How will this project alleviate the impacts described in your answer to Question 11?

Conservation is not effective if we are unable to identify why so much water is being lost in

this system. This project will lead to operational efficiency, repair/leak identification, and conservation efforts by residents and businesses in the area.

13. Please complete the following budget table for the project. (Identify funding sources in Question 15)

	BUDGET CATEGORY	Grant Amount	All Other Cost	Total Cost
(a)	Project Administration	0	0	0
(b)	Land Purchase / Easement	0	0	0
(c)	Planning / Design / Engineering / Environmental Documentation	0	0	0
(d)	Construction / Implementation	74,000	0	74,000
	TOTAL COSTS	74,000	0	74,000

14. Please describe why state funding is needed for this project. If state funding is not secured, what will happen to the project?

Given the limited number of connections, residents/water system users are unable to fund this project on their own. Without state funding this project cannot be implemented.

15. Will the applicant provide cost share (encouraged but not required) and/or will this project require any additional funding from sources other than this solicitation? If so, please describe the funding source and indicate if the funding has been secured. If the funding has not been secured, please describe the plan to secure the necessary funding.

All TPW staff labor will be absorbed by the department and will not be billed to this project. This includes overseeing day-to-day operations as well as grant management activity. This project will not required additional funding.

16. Is land acquisition or landowner permission required for this project? If so, please briefly describe the status of the acquisition or agreement with the landowner. If the acquisition is not complete or permission not secured at the time of application, please describe the plan to complete it.

No

17. Has planning and design for this project been completed? If not, please describe the status of planning and design.

None will be required as this is straightforward 1:1 equipment replacement.

18. Are the CEQA (and NEPA if applicable) and permitting processes for this project complete? If not, please briefly describe the permits and CEQA (or NEPA) documents to be completed and projected schedule for completion.

None will be required.

19. Please briefly describe the necessary construction/implementation for this project.

Logistically, this is a simple operation with two staff members of Russian River Utilities, the County's contracted operator going lot by lot swapping the meters out.

20. Please complete the schedule below for the project. Projects must be complete by March 31, 2026, to allow time for final invoice processing and retention payment before the State funds expire on June 30, 2026. Project administration should end at least three months after construction.

	Categories	Start Date	End Date
(a)	Project Administration	3/1/2022	6/1/2023
(b)	Land Purchase / Easement		
(c)	Planning/ Design / Engineering / Environmental Documentation		
(d)	Construction/ Implementation	1/1/2023	6/1/2023



NORTH COAST RESOURCE PARTNERSHIP

Urban and Multibenefit Drought Relief Grant, 2021

Eligibility and General Project Information Application

The Eligibility and General Project Information Application will be accepted until 5:00 pm, November 17, 2021

It is important to save the Eligibility and General Project Information Application file with a distinct file name that references the project name. Please fill out grey text boxes and select all the check boxes that apply to the project. Application responses should be clear, brief and succinct. When the application is complete, please email to Katherine Gledhill at kgledhill@westcoastwatershed.com

If you have questions or need additional information please contact:

- General Information: Katherine Gledhill at kgledhill@westcoastwatershed.com or 707.795.1235
- Technical Assistance/Support: Colette Metz Santsche, colettem@planwestpartners.com or 707.825.8260
- Tribal Projects: Sherri Norris, NCRP Director of Tribal Engagement at sherri@cieaweb.org or 510.848.2043

A. GENERAL INFORMATION

1. Project Name:

Jenner Smart Meters

2. Project Abstract [500 characters]

CSA-41 is a small water system that serves approximately 128 connections. With meters over 20 years old, the system has been plagued by significant water loss (upwards of 50%). We propose installing Badger smart meters to accurately record water usage, encouraging conservation efforts.

3. Local Project Sponsor Name:

Sonoma County Department of Transportation and Public Works

4. Contact Name/Title

Name: Amanda Bouillerce

Title: Customer Service and Grants Program Manager

Email: Amanda.Bouillerce@sonoma-county.org

Phone Number (include area code): 707-565-1833

5. Does your Organization need technical assistance and/or proposal development support for the NCRP Urban and Multibenefit Drought Relief Grant proposal?

yes no

Please briefly describe the technical/proposal support needed.

6. Organization Type

- Public agency
- Non-profit organization
- Public utility
- Special District
- Mutual Water Company
- Federally recognized Indian Tribe
- Non-federally recognized Native American Tribes on the contact list maintained by the Native American Heritage Commission for the purposes of Chapter 905 of the Statutes of 2004
- Other:

7. If the Local Project Sponsor is a mutual water company or public utility, does the proposed project have a clear and definite public purpose that benefits the customers of the water system or other public utility and not the investors? yes no

8. If yes, please state the public purpose and explain how it benefits the customers:

9. Has the organization implemented similar projects in the past? yes no

10. Describe the drought conditions in the area where your project is located.

Note: This question is important and must be answered.

Severe drought conditions, which raises the threat of wildfires in the area and risks community (residential and commercial) life and property. This is a high risk fire zone. This area is geographically isolated but economically robust.

B. PROJECT BENEFITS TO DISADVANTAGED COMMUNITIES AND/OR TRIBES

1. Does the project provide direct benefits to a project area comprised of Disadvantaged Communities? If partially, please estimate percentage of project that benefits disadvantaged communities and list the communities.

- Entirely
- Partially
- No

List the Disadvantaged Community(s) (DAC)

2. Does the project provide direct benefits to a project area comprised of Severely Disadvantaged Communities (SDAC)? If partially, please estimate percentage of the project that benefits the severely disadvantaged community(s) and list the SDACs.

- Entirely
- Partially
- No

List the Severely Disadvantaged Community(s)

3. Does the project provide direct benefits to a Tribe or Tribes? If partially, please estimate percentage of project that benefits Tribes and list the Tribes.

- Entirely
- Partially
- No

List the Tribal Community(s)

If yes, please provide evidence of support from each Tribe listed as receiving these benefits.

a) Is a Tribal letter of support included in the application?

- yes no

C. NCRP GOALS AND OBJECTIVES

Please check the NCRP goals/objectives below that align with your project goals/objectives. Note: you may skip Question 7 on the PROJECT INFORMATION FORM.

GOAL 1: INTRAREGIONAL COOPERATION & ADAPTIVE MANAGEMENT

- Objective 1 - Respect local autonomy and local knowledge in Plan and project development and implementation
- Objective 2 - Provide an ongoing framework for inclusive, efficient intraregional cooperation and effective, accountable NCRP project implementation
- Objective 3 - Integrate Traditional Ecological Knowledge in collaboration with Tribes to incorporate these practices into North Coast Projects and Plans

GOAL 2: ECONOMIC VITALITY

- Objective 4 - Ensure that economically disadvantaged communities are supported and that project implementation enhances the economic vitality of disadvantaged communities by improving built and natural infrastructure systems and promoting adequate housing
- Objective 5 - Conserve and improve the economic benefits of North Coast Region working landscapes and natural areas

GOAL 3: ECOSYSTEM CONSERVATION AND ENHANCEMENT

- Objective 6 – Conserve, enhance, and restore watersheds and aquatic ecosystems, including functions, habitats, and elements that support biological diversity
- Objective 7 - Enhance salmonid populations by conserving, enhancing, and restoring required habitats and watershed processes

GOAL 4: BENEFICIAL USES OF WATER

- Objective 8 - Ensure water supply reliability and quality for municipal, domestic, agricultural, Tribal, and recreational uses while minimizing impacts to sensitive resources
- Objective 9 - Improve drinking water quality and water related infrastructure to protect public health, with a focus on economically disadvantaged communities
- Objective 10 - Protect groundwater resources from over-drafting and contamination

GOAL 5: CLIMATE ADAPTATION & ENERGY INDEPENDENCE

Objective 11 - Address climate change effects, impacts, vulnerabilities, including droughts, fires, floods, and sea level rise. Develop adaptation strategies for local and regional sectors to improve air and water quality and promote public health

Objective 12 - Promote local energy independence, water/ energy use efficiency, GHG emission reduction, and jobs creation

GOAL 6: PUBLIC SAFETY

Objective 13 - Improve flood protection, forest and community resiliency to reduce the public safety impacts associated with floods and wildfires

D. DEPARTMENT OF WATER RESOURCES ELIGIBILITY

1. URBAN WATER MANAGEMENT PLAN

a) Is the organization required to file an Urban Water Management Plan (UWMP)?

yes no

b) If Yes, list the date the UWMP was approved by DWR:

c) Does the urban water supplier have a complete and validated water loss audit report verified by DWR in accordance with Senate Bill No. 555 (Stats. 2015, ch. 679).

yes no

d) Does the urban water supplier meet the water meter requirements of CWC 525?

yes no

e) Is the urban water supplier compliant with requirements to submit to the State Water Resources Control Board their monthly water use reports in compliance with requirements outlined in the California Code of Regulations, title 23, sections 991?

yes no

f) If facing water supply shortages, the urban water supplier must have activated a Water Shortage Contingency Plan to a stage commensurate with their current water supply conditions. Has the applicant reported activation of the plan to the State Water Board?

yes no

2. AGRICULTURAL WATER MANAGEMENT PLAN

a) Is the organization – or any organization that will receive funding from the project – required to file an Agricultural Water Management Plan (AWMP)?

yes no

b) If Yes, list date the AWMP was approved by DWR:

c) Does the agricultural water supplier(s) meet the requirements the Water Code and Executive Order (EO) B-29-15?

yes no

3. SURFACE WATER DIVERSION REPORTS

a) Is the organization a Surface Water Diverter?

yes no

- b) If Yes, has the organization filed annual and monthly surface water diversion reports to the SWRCB per the requirements in Water Code section 5100 et seq., and California Code of Regulations, title 23, sections 907-930?
 yes no

4. CALIFORNIA GROUNDWATER MANAGEMENT COMPLIANCE

- b) Does the project that directly affect groundwater levels or quality?
 yes no
- c) If Yes, is the Project located in a CASGEM High or Medium priority groundwater basin?
- d) Please list the groundwater basin:
- e) Does the above CASGEM High or Medium priority groundwater basin(s) have an adopted GWMP in compliance of Water Code section 10753 before January 1, 2015?
 yes no
- f) If yes, is a GSA letter of support included in the application?**
 yes no

For groundwater projects or other projects that directly affect groundwater levels or quality in a high or medium priority basin, documentation that the project has support from the Groundwater Sustainability Agency (GSA) of the impacted groundwater basin(s), or the agency responsible for implementing an alternative plan is required to be included with the application.

5. CASGEM COMPLIANCE

- a) Does the project overlie a medium or high groundwater basin as prioritized by DWR?
 yes no
- b) If Yes, list the groundwater basin:
- c) If Yes, please specify the name of the organization that is the designated monitoring entity:
- d) If there is no monitoring entity, please indicate whether the project is wholly located in an economically disadvantaged community.
 yes no
- e) **If yes, is a map that shows the Project's implementing agency's service area boundary and DAC overlay included in the application?**
 yes no

Note: Consistent with Water Code section 10933.7(b), if the entire service area of the individual Local Project Sponsor's service area is demonstrated to be a disadvantaged community, the project will be considered eligible for grant funding notwithstanding CASGEM compliance. If the Local Project Sponsor is exempt, a map must be included with the application that shows the Project's implementing agency's service area boundary. The map should include a DAC overlay to demonstrate the project is exempt. Please contact NCRP staff for assistance.

6. STORM WATER MANAGEMENT PLAN

- a) Is the project a stormwater and/or dry weather runoff capture project?
 yes no
- b) If yes, please provide the name of the Stormwater Resource Plan (or Functionally Equivalent Stormwater Resource Plan) that the project is listed in.
- c) If the project is a stormwater project but is not listed in a Stormwater Resource Plan, does the project benefit a Disadvantaged Community with a population of 20,000 or less?

yes no