

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: Briceland Community Services District Water Supply Enhancement
2. Local Project Sponsor (if different than grantee):
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: 40.064746

Longitude: -123.541003

4. Please briefly describe the proposed project.
The BCSD is a rural CSD that provides its customers drinking water via an antiquated treatment and distribution system that utilizes some of its original components that date back to the 1880's. Many components of the system are outdated, undersized, leaking, or have failed since they were installed.

The intended purpose of the proposed project is to enhance the resiliency and autonomy of the BCSD water system by: increasing fire suppression storage capacity, and fire fighting capabilities; increasing water conservation; increasing drinking water storage capacity; providing water in an environmentally sustainable manner; enhancing the stream channel environment; and, providing drinking water security.

Water is supplied to the BCSD by an ephemeral spring on private property. There are several leaks in the transmission line between the spring and the treatment system. After treatment, drinking water is stored in a 42,000 gallon tank. Fire suppression water is unfiltered and stored in 3 tanks with 18,000 gallons of capacity. Both systems are plumbed into town via separate 2-inch water lines.

BCSD's existing water storage and delivery infrastructure systems are wholly inadequate to provide a sustainable amount of water for the communities existing drinking water or potential fire suppression water needs.

The major components of the proposed project include: a 100,000 gallon water tank plumbed to supply water to both the water treatment system and the fire suppression storage tanks; 7,000 feet of 2-inch diameter raw water transmission line connecting the source spring to the water treatment plant, 2,200 feet of 6-inch diameter fire suppression water line connecting the fire suppression water storage tanks to the town fire hydrant network; water transmission line components including mechanical float valves, gate valves, pressure and air relief valves, pressure gauges, and flow meters; site fencing for the slow sand filtration and water storage

facilities; a low water level and high flow alarm system; a 140 square foot structure for housing the new alarm system/equipment; and a flow controlled chlorine injector.

In December of 2020, working with the NCRP, BCSD was awarded a Proposition 1 grant that funded 75% of the estimated cost to complete this project. The 75% funding will provide enough budget to complete the project outlined above, except for the raw water transmission line and will supply only 25,000 gallons of water storage (rather than the 100,000 gallons originally requested). This application is being completed to fund the remaining 25% funding gap for the original project, and to pay for a new raw water transmission line.

The project will be implemented as a typical design bid build project.

The project will address the critical water needs of the region by increasing drought resistance, enhancing conservation, providing assistance to economically distressed communities, restoring important ecosystems, and expanding water storage capacity.

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.
No
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.

Goal 1/Objective 1 are addressed because the project has been developed locally by the BCSD and keeps community autonomous by enhancing BCSD's ability to provide adequate drinking and fire suppression water. Goal 2/Objective 4 are addressed because it serves to improve the infrastructure system for Briceland, which is an economically distressed SDAC community. Goal 3/Objective 6 is addressed by the removal of trash from BCSD's source stream; and reducing the amount of water withdrawn from the stream, allowing for more water to feed the Eel River. Goal 4/Objective 8 is addressed by providing additional water

supply reliability for domestic uses and reducing consumption of water. Goal 6/Objective 11 is addressed because additional water storage will reduce Briceland's vulnerability to droughts/fires caused by climate change, and supply water via gravity and solar power.

8. Describe the Primary Benefit of the project.

Quantified benefit: 167

Units (Drop down):Other If other please enter:percent increase in water storage volume

Benefit Type: Other If other please enter:Increased Drought Resiliency

9. Describe the Secondary Benefit of the project:

Quantified benefit: 1700

Units (Drop down):Other If other please enter:percent increase in fire flow rate

Benefit Type: Other If other please enter:Increased Fire Fighting Capacity

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

The project will enhance the resiliency & autonomy of the BCSD water treatment & distribution system by providing additional fire suppression infrastructure and water storage for the community of Briceland (which was previously wiped out by a fire in 1914, and is also currently listed on the NCRP data website as a Tier 2, elevated wildfire threat area). This will enhance the ability of community to fight its own fires and provide drinking water during the extreme weather conditions associated with climate change. The project will also deliver water in an energy independent manner (using no electricity) by relying on gravity and solar power.

The claimed increase in water storage will be achieved by increasing water storage capacity from 60,000 gallons to 160,000 gallons. The increased fire flow rate will be achieved by the ability of the BCSD to deliver fire suppression water via a 6-inch diameter pipe instead of the existing 2-inch diameter pipe.

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

Climate change appears to be exacerbating drought conditions for the community of Briceland which is experiencing a significant amount of sudden oak death; and rainfall that starts later in the year, occurs less frequently, and at higher intensity levels compared to the past. All of these items are adding stressors to the BCSD water system.

The current water system is supplied by a spring with a flow that's variable and dependent on rainfall, with water supply flows that are close to or below customer demand levels in the late summer and fall. The low flows consistently cause water supply shortages which require frequent and sustained water rationing periods for BCSD customers.

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

The proposed project will provide increase community resiliency and help alleviate the effect of droughts by providing a more robust and sustainable water supply by reducing water shortages, enhancing fire suppression capabilities, enhancing the local environment by reducing water withdrawals and providing additional water for impacted wildlife species in the local waterways, and by providing a more durable water treatment and delivery system to the

economically distressed community.

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	40,000	0	40,000
(b)	Land Purchase / Easement	0	0	0
(c)	Planning / Design / Engineering / Environmental Documentation	40,000	0	40,000
(d)	Construction / Implementation	468,000	0	468,000
	TOTAL COSTS	548,000	0	548,000

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

State funding is needed to fund this project because the BCSD is an all volunteer organization with an \$11,000 annual budget that serves an economically distressed SDAC. BCSD does not have available reserves to fund these needed capital improvements, nor does it have the capacity to obtain a loan and raise water rates to its customers who are largely on limited or fixed incomes. If this project isn't funded the BCSD will complete the original 2020 IRWM Prop 1 project, which funds 75% of the original project, which will not be as beneficial to the drought impacted customers in Briceland.

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.

The BCSD has applied for and received funding for 75% of its original project costs through the 2020 IRWM Prop 1 funding. This application is being completed to fund the remaining 25% funding gap for the original project, and to pay for a new raw water transmission line (which wasn't included in the original project design/application).

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.

Land acquisition and landowner permission are required but are being completed as part of the originally funded portion of this project. As such, these two items are not included as part of this project application.

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

planning and design.

Design plans are at the 30% design stage. 100% design documents are anticipated to be completed in early 2022.

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.

All special studies have been completed for this project. Environmental permits and CEQA documents are anticipated to be submitted to local authorities having jurisdiction by mid December. CEQA and permitting is anticipated to be completed within 6 months of permit submittal.

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

Construction for the originally funded 2020 IWRM Prop 1 project is anticipated to begin in the summer/fall of 2022. If funded, this added scope would be included in the same project timeline which will be from summer/fall to winter of 2022. Construction/Implementation funds for this project would be used to upgrade the water storage from a 25,000 HDPE tank to a 100,000 gallon bolted steel or concrete tank, and to replace approximately 7,000 linear feet of 2-inch diameter raw water transmission piping.

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	5/1/2022	5/1/2023
(b)	Land Purchase / Easement		
(c)	Planning/ Design / Engineering / Environmental Documentation	5/1/2022	8/1/2022
(d)	Construction/ Implementation	8/1/2022	1/1/2023



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:

Briceland Community Services District Water Supply Enhancement

2. Project Abstract [500 characters]

BCSD is a rural CSD that serves the drinking & fire suppression water needs of an economically distressed SDAC community comprised of a day care, school, community center, and 25 households. The proposed water supply enhancement project, includes improvements to the water storage, transmission, & fire suppression systems, to enhance Briceland's drought resiliency & autonomy. The project increases water storage and fire-fighting capabilities as well as reduces water losses in a sustainable manner.

3. Local Project Sponsor Name:

Briceland Community Services District

4. Contact Name/Title

Name: Chestine Anderson

Title: Briceland CSD Secretary/Treasurer

Email: bandon48@gmail.com

Phone Number (include area code): (707) 923-1385

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.

BCSD is an all volunteer run organization with no paid staff. As such, BCSD requests technical support from NCRP to develop and complete a drought relief proposal.

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:

The proposed water supply enhancement project will greatly benefit the people of Briceland by providing a more resilient and sustainable water supply by reducing water shortages, enhancing fire suppression capabilities, enhancing the local environment by reducing water withdrawals and providing additional water for impacted wildlife species in the local waterways, and by providing a more robust water treatment and delivery system to the severely disadvantaged community.

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.

Climate change appears to be exacerbating drought conditions for the community of Briceland which is experiencing a significant amount of sudden oak death; and rainfall that starts later in the year, occurs less frequently, and at higher intensity levels compared to the past. All of these items are adding stressors to the BCSD water system.

The current water system is supplied by a spring with a flow that's variable and dependent on rainfall, with water supply flows that are close to or below customer demand levels in the late summer and fall. The low flows consistently cause water supply shortages which require frequent and sustained water rationing periods for BCSD customers.

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)

The project provides direct water-related benefits to the residents located in and adjacent to the town of Briceland, California. The United States Census data for area code 95542, which is the zip code used for Briceland mail, states that the median income is \$30,505. The NCRP data map (located at <https://northcoastresourcepartnership.org/data/>) demonstrates that this area is an "economically distressed area" and surrounded by areas labeled as an "severely economically disadvantage community", but it is not listed as an SDAC. Lastly, BCSD conducted an informal survey of it's customers in 2021 and concluded the average household income of its customers was \$36,726. Based on all of the information outlined above, BCSD considers the benefits to the project area to be entirely comprised of a severely disadvantaged community.

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)

The project provides direct water-related benefits to the residents located in and adjacent to the town of Briceland, California. The United States Census data for area code 95542, which is the zip code used for Briceland mail, states that the median income is \$30,505. The NCRP data map (located at <https://northcoastresourcepartnership.org/data/>) demonstrates that this area is an "economically distressed area" and surrounded by areas labeled as an "severely economically disadvantage community", but it is not listed as an SDAC. Lastly, BCSD conducted an informal survey of it's customers in 2021 and concluded the average household income of its customers was \$36,726. Based on all of the information outlined above, BCSD considers the benefits to the project area to be entirely comprised of a severely disadvantaged community.

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 the 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