

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: Weaverville CSD Drought Resiliency & Water Reliability Project
2. Local Project Sponsor (if different than grantee): Weaverville CSD
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: 40.650929

Longitude: -122.941438

4. Please briefly describe the proposed project.

Project has 3 components. East Branch East Weaver Ck (East Branch) water conservation project: construct a new water main & 2 fire hydrants to connect those in a critically underserved, high fire danger area in exchange for year-round forbearance of water rights. Proposed improvements to the WCSD Trinity River Diversion to enable increased withdrawals, reducing demand on tributary diversions. A feasibility study to expand WCSD service to Little Browns Ck watershed will assess design options & costs.

1) The work proposed for East Branch consists of construction of ~2,100 ft of a 6' PVC main line trenched along East Branch Rd and 9 meters to deliver WCSD water to landowners for domestic needs and the installation of 2 fire hydrants in exchange for the year round forbearance of water rights to both Hansen Mine Ditch (collectively 1.25cfs) and riparian rights to East Branch creek. Hansen Mine Ditch is an inefficient, open, high-maintenance ditch that diverts East Branch Creek water. Landowners would switch to the WCSD's more reliable, efficient source of potable water. The new hydrants will improve fire protection for 15-25 homes located in a fire prone area with only one escape route. Design and permitting are complete with a bid package already drafted, making this a fairly shovel-ready component. This project was started with a previous partner grant but could not be implemented largely due to supply shortages and enormous price increases (152% increase since August 2020 for the 6" main line alone) caused in large part by COVID that exceeded the available budget and grant lifespan. The existing bid package would be quickly updated to facilitate speedy implementation of this component (expected completion within one construction season after execution of award). Budget estimates are based on bids received this summer with a small contingency in the event of further price increases. A new grant has been secured to help implement this component (see Q15). This component of the project is the culmination of years of outreach to landowners in the watershed. Given their large collective water right and highly inefficient ditch, it was definitely viewed as a potential low hanging fruit. After several different approaches

were considered and presented to landowners over several years, this was the best, most efficient solution to preserve instream flow and provide landowners with a reliable water source. It should also be noted that this project is one of a few in the East Weaver Creek watershed designed to preserve flow for instream beneficial uses. There are additional projects underway by project partners that target water quality. Altogether, once completed these projects are anticipated to have a synergistic effect to improve watershed conditions. Coordinates for this component of the project are 40.769337, -122.918021.

2) The feasibility study for the Trinity River Diversion consists of assessing the limitations of the existing infiltration gallery, which has been steadily decreasing in capacity since its installation 10 years ago. The WCSD would like to increase their capacity to draw water from the Trinity River and decrease their dependency on tributary streams East and West Weaver Creeks (both coho bearing streams challenged by low flow conditions in the summer). The WCSD would like to determine the cause of this decreased capacity, determine alternatives to retrofit/restore the existing gallery to its original capacity, as well as create concept designs to add an additional infiltration gallery to their system. As part of this study the following would be performed: a boundary survey, a geomorphic study, identification of permitting constraints along with preliminary environmental studies, and cost estimates to complete design and implementation. To further enhance their ability to rely on the River diversion, the WCSD would also like to minimize the cost of pumping River water upstream to the vast majority of the community it serves - especially given the intent to reduce tributary diversions that operate on gravity feed. Therefore, the feasibility of installing a grid connected solar photovoltaic (PV) system on one of their properties to offset energy costs from increased pumping, reduce their carbon impact, and keep water costs at reasonable rates for their low-income district would also be examined in this feasibility study. The following would be assessed: WCSD's current energy usage, potential PV array site locations, necessary upgrades to grid infrastructure. Design alternatives would be analyzed/modeled, concept designs created, and an economic analysis of the preferred alternative performed. This component is estimated to be complete within 1.5 years of an executed grant agreement.

3) Within Little Browns Creek, there are ~50 parcels about one mile from current WCSD infrastructure. These residences depend on Little Browns Creek, a coho bearing stream, as their primary water source. Little Browns Creek goes dry almost annually during the summer months leaving homeowners dependent on sporadic water deliveries. The WCSD would like to determine the feasibility of expanding their district boundaries and infrastructure to incorporate the Little Browns Creek Community as requested by several landowners. This feasibility study would focus on: creating design alternatives, preliminary permitting constraints, a concept design, and economic analysis of the preferred alternative; an analysis of the WCSD's ability to meet increased demand sustainably; and a cost estimate for the full design and implementation of the preferred alternative. This component is estimated to be complete within 2.5 years of an executed grant agreement. Coordinates for this project component are 40.695413, -122.928653.

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.

The community of Little Browns Ck included in this project relies on individual landowner water systems and regularly faces water shortages. Last year, some residents had to purchase water with some reporting difficulties in reaching delivery companies. East Weaver Creek is a coho salmon (federally listed as threatened) bearing stream in which a fish kill was documented on August 29th 2021 due to lack of water. Little Browns Ck has had documented fish kills in years past due to low flow conditions.

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.
Project supports DACs with project implementation that improves the built infrastructure by expanding WCD service to additional households while assessing the feasibility of incorporating an additional community (Goal 2 Economic Vitality, Objective 4). Targeted communities rely on natural resource based economies that will benefit from enhanced instream flow. Enhanced instream flow also benefits aquatic and riparian habitats & species including that of federally listed coho salmon (Goal 3 Ecosystem Conservation & Enhancement, Objectives 6 & 7). East Branch residents will have improved water supply reliability while preserving water previously diverted through an inefficient ditch for instream flow (Goal 4 Beneficial Use of Water, Objective 8 and Goal 5 Climate Change Adaptation & Energy Independence, Objective 12). The East Branch community is a fire prone area that has experienced drought regularly in the last 10 years and more, only has one viable ingress/egress point, and would benefit from installation of fire hydrants to expand fire fighting capacity (Goal 5, Objective 11 and Goal 6 Public Safety, Objective 13). Little Browns Ck is similarly fire prone and would benefit from a feasibility study to expand WCD service and hydrants.

8. Describe the Primary Benefit of the project.
Quantified benefit: 1
Units (Drop down):Cubic feet per second If other please enter:

Benefit Type: Water Conservation If other please enter:

9. Describe the Secondary Benefit of the project:

Quantified benefit:

Units (Drop down):Other If other please enter:multiple see Q10

Benefit Type: Water Supply Reliability If other please enter:

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

East Branch component consists of constructing a 2,100 ft water main along East Branch Rd to landowners on East Branch East Weaver Ck in exchange for year round forbearance of water rights to Hansen Mine Ditch (collectively 1.25cfs) as well as 5 individual riparian rights. This will preserve instream flow within East Branch East Weaver Ck, which enters East Weaver Ck immediately below the project location for this component. Both creeks are coho bearing streams. The Water Supply Reliability benefit is achieved through both the feasibility studies as well as the East Branch component. The Little Browns Creek feasibility study will assess design options and costs of expanding WCSD service to landowners in that watershed who regularly experience water shortages (see Q11). The feasibility study at the WCSD Trinity River diversion will assess the improvements needed to enable increased withdrawals of River water and reduce reliance on the East and West Weaver Creek diversions (both coho bearing streams challenged by low summer flows). This would improve the reliability of the WCSD's summer diversion while also preserving instream flows in key coho bearing streams. East Branch landowners that have Hansen Mine Ditch rights have to undertake a significant amount of work to maintain the inefficient, open ditch and would prefer to have more reliable WCSD water.

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

The Trinity River watershed has had 2 Critically Dry consecutive water years in 2021 & 2020. In the last 10 water years, 60% have been dry: 40% Critically Dry; and 20% Dry. The County has issued drought declarations multiple times in that period. Residents in Little Browns Creek face regular water shortages, leaving many to truck in potable water for basic domestic uses. The WCSD recognizes the importance of preserving instream flow for aquatic species and instream habitat yet also has to meet the needs of the community. It is becoming more and more challenging to balance those needs as drought conditions become more common and seem to be the new normal. East Branch landowners with only riparian water rights have found it harder to meet their domestic needs and leave water for downstream users and instream needs in dry years.

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

The two feasibility studies are overdue first steps in expanding service to Little Browns Creek, a community in need of reliable water for domestic uses, as well as improving the nature of the WCSD's supply so that the Trinity River diversion can be maximized and reliance on the East and West Weaver Creek diversions can be reduced. The construction of the water main along East Branch Rd would improve reliability of water to those landowners, particularly those with only riparian rights.

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	20,100	4,100	24,200
(b)	Land Purchase / Easement			
(c)	Planning / Design / Engineering / Environmental Documentation	173,500		173,500
(d)	Construction / Implementation	404,000	75,000	479,000
	TOTAL COSTS	597,600	79,100	676,700

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

WCSD is a small, rural district with relatively low water rates and does not have the funds to undertake these projects without outside funding. If this proposal is not funded, other funds will have to be pursued, which would delay the implementation of all 3 components. This would delay the year-round forbearance of 1.25cfs of water in the East Branch East Weaver Ck coho bearing stream that regularly experiences challenges from low flow and prevent the WCSD from being able to start the processes of: 1) reducing reliance on both East and West Weaver Creeks and 2) extending service to Little Browns Ck. It took landowners on East Branch several years to come around to the idea of doing this kind of implementation approach that would require them having to forbear their water rights. The support is there now to finish the project. WCSD would like to act quickly to avoid having to spend more effort re-engaging landowners.

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.

Yes. A grant from the US Fish & Wildlife Service has been secured by a project partner that has \$75,000 budgeted for the East Branch component of this project.

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.

East Branch is the only component of this project requiring landowner permission. All landowners have agreed to the design of the project to/on their individual parcels. Landowners have reviewed draft landowner forbearance/permission agreements. All but one landowner has emailed their concurrence with the terms of the agreement. The

remaining landowner is still reviewing the terms, but has expressed support via email for the project. If selected, landowner agreements will be finalized and executed within 2 months of Agreement Start Date.

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

East Branch component: planning and design are complete except for execution of landowner agreements (see previous Q16). The other 2 components are feasibility studies in which proposed work consists of planning and concept designs.

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.

Yes. East Branch component: CEQA has been completed (SCH#2021060491) and NEPA is addressed through the 2000 Trinity River Mainstem Fishery EIS/EIR and 2009 Channel Rehabilitation and Sediment Management for Remaining Phase 1 and Phase 2 Sites Master EIR. The other 2 components of this proposed project are feasibility studies and are exempt from CEQA/NEPA.

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

This project involves tying into the existing 8" WCSD main line and extending a 6" C900 main line ~2,100 ft up East Branch Road. The project includes installing 9 meter boxes, backflow preventers as necessary and two fire hydrants. Installation of the main line includes sawcutting road surface, laying pipe, backfilling and compacting with imported fill, resurfacing road, pressure testing and disinfecting new main line. Detailed construction plans and specifications are available upon request.

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	4/1/2022	12/31/2024
(b)	Land Purchase / Easement		
(c)	Planning/ Design / Engineering / Environmental Documentation	5/1/2022	9/30/2024
(d)	Construction/ Implementation	7/15/2022	10/15/2022



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:

Weaverville CSD Drought Resiliency & Water Reliability Project

2. Project Abstract [500 characters]

Project has 3 components. E Branch E Weaver Ck water conservation project: construct a new water main & 2 fire hydrants to connect those in a critically underserved, high fire danger area in exchange for year-round forbearance of water rights. Proposed improvements to the WCSD Trinity River Diversion to enable increased withdrawals, reducing demand on tributary diversions. A feasibility study to expand WCSD service to Little Browns Ck watershed will assess design options & costs.

3. Local Project Sponsor Name:

Weaverville Community Services District

4. Contact Name/Title

Name: Tim Kasper

Title: General Manager

Email: tim@weavervillecsd.com

Phone Number (include area code): 530.623.5051

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:

The Weaverville Community Services District is committed to providing safe, high quality water services to our community, while maintaining a standard of excellence in customer service and environmental conservation.

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.

The Trinity River watershed has had 2 Critically Dry water years in 2021 & 2020. In the last 10 water years, 60% have been dry: 40% Critically Dry; and 20% Dry. The County has issued drought declarations multiple times in that timeframe. Also, residents in Little Browns Creek face regular water shortages in recent years, leaving many to truck in potable water for basic domestic uses.

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 entire project would benefit the community of Weaverville within Trinity County. Feasibility studies to enhance the District's ability to divert more water from the Trinity River watershed will likely lead to improvements that will benefit the entire district. Specific implementation proposed in the East Branch

East Weaver Creek watershed (within Weaverville) will have benefits for the East Weaver Creek watershed, one of two tributaries from which the District diverts. The Little Browns Creek (portion within Weaverville & portion considered outside of Weaverville and part of the larger Trinity County area) feasibility component would extend service to landowners facing chronic water shortages.

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)

Trinity County had a Median Household Income (MHI) in 2019 of \$40,846, below the threshold considered to be a SDAC. See previous question B.1 for an explanation of project benefits. Reduced diversions from tributary streams will have benefits for salmonid and aquatic populations that are key to fishing and other natural resources based sectors of the County's economy. Approximately between 10% and 30% of the project would directly benefitting the areas outside of East Branch, some of which lies outside of Weaverville.

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