

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: **Cabrillo Highlands Water Security 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: **39*20'49.94" N** Longitude: **123*48'51.39" W**

4. Please briefly describe the proposed project. **Provide greater water security for 25-30 users by (1) installing backup well (2) installing solar power for existing well and pump (3) installing new above-ground water storage (4) create pond fed by runoff and backup well for agricultural and possible wildfire suppression use.**
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. The residents at Cabrillo Highlands depend on one small, old well for all their water needs (about 1,000 gallons/day). If it ever goes dry and we have to import water by truck, the costs will be prohibitive for them. Moreover, new development on the east side of Point Cabrillo Drive includes several new wells which will draw from the same aquifer, and as this increases, so does the likelihood of the Cabrillo Highlands' well running dry in severe drought years. Another threat to life in Cabrillo Highlands is wildfire. There is very little water storage for an extended battle against wildfire, and the proposed pond would provide more water for this, as well as supplying irrigation water to take the load off the existing residential well, pump, and storage.**
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. **Yes.**
 - 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. **Yes.**
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. **13500 Point Cabrillo Drive, Mendocino, CA 95460**

8. Describe the Primary Benefit of the project.

Quantified benefit: **800 gallons/day, plus provide 5,000 gallon additional storage**

Units (Drop down): **gallons/day** If other please enter:

Benefit Type: **water supply reliability** If other please enter:

9. Describe the Secondary Benefit of the project:

Quantified benefit: **100,000 gallon storage pond**

Units (Drop down): **gallons** If other please enter:

Benefit Type: **water supply reliability** If other please enter:

10. Please briefly describe how the project will achieve the claimed benefits. **The project will enhance water supply reliability for 25 residents by: 1. effectively doubling the amount of daily water production upon installation of new backup well; 2. drawing secondary source water from a distant area of the aquifer, 200 feet + from the existing well and even farther from the new wells being installed for the housing development on the east side of Point Cabrillo Drive; 3. providing an additional 5,000 gallon residential water storage tank; 4. providing water security during PG&E blackouts by powering water well and distribution pump motors with solar-charged lithium battery banks; 5. provide additional water security by creating a +- 100,000 gallon pond that would be used for eventual fire suppression so as not to have to drain residential water tanks.**

11. Briefly describe how the community/area benefiting from this project is being impacted by the current drought. **The drought threatens residents' ability to live in this community. If the current well goes dry, it is simply "game over" as they will not be able to afford trucked-in water. (Cabrillo Highlands is an isolated community that receives no water assistance from any government agency, so projects like the Fort Bragg desalination plant have no effect on us.) A minor but important issue is the intense stress these elderly residents experience when day after day they read about well failures and wonder when their well will run dry also. Several have contacted us with their concerns and they have cut their water use drastically in response.**

12. How will this project alleviate the impacts described in your answer to Question 11? **An additional backup well installed on another part of the property far away from the existing well, as well as more storage, will increase the likelihood that residents enjoy uninterrupted water security during this and future droughts.**

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
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(a)	Project Administration	1,000	0	1,000
(b)	Land Purchase / Easement	n/a	0	0
(c)	Planning / Design / Engineering / Environmental Documentation	50,000	6,532	56,532
(d)	Construction / Implementation	40,000	10,000	50,000
	TOTAL COSTS	91,000	16,532	107,532

14. Please describe why state funding is needed for this project. If state funding is not secured, what will happen to the project? **It will be abandoned. Residents would have to vacate their mobile homes in the event of an extended drought. This is becoming increasingly likely because of the new housing development, including wells and septic systems, immediately to the east of Point Cabrillo Drive (approximately 150 feet from the existing well.)**
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. **We are planning to pay some the expenses for construction out-of-pocket. Please note that the amounts in 13 above are rough estimates.**
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. **We are long-term owners of the property.**
17. Has planning and design for this project been completed? If not, please describe the status of planning and design. **It has been started. An application for a pond has been filed with the Mendocino County Planning Department, and we have a plot plan for the pond. We have not yet applied for new well permits. We have met with a local well contractor who gave us a verbal estimate of costs for well-drilling.**
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. **Only the application described in 17 has been submitted.**
19. Please briefly describe the necessary construction/implementation for this project. **Drill new well, install solar panels and battery backup, perform trenching and pipe installation, install pond liner, install above-ground water storage. Grading has been completed.**

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	End Date
(a)	Project Administration	Jan 2022	September 2023
(b)	Land Purchase / Easement	n/a	n/a
(c)	Planning/ Design / Engineering / Environmental	Jan 2022	Jan 2023
(d)	Construction/ Implementation	Jan 2023	July 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:** **Cabrillo Highlands Water Security Enhancement**
2. **Project Abstract** [500 characters] **Upgrade single well/tank serving 25-30 residents to provide additional storage and water source security. Separate agricultural usage from personal consumption. Create larger water supply for wildfire suppression.**
3. **Local Project Sponsor Name:** **Cabrillo Highlands**
4. **Contact Name/Title**
Name: Geza Polony
Title:
Email: cabrillohighlands@gmail.com
Phone Number (include area code): 510-421-9055

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

yes

Please briefly describe the technical/proposal support needed.

We would like assistance in applying for the grant as we have no one who has experience in this field, particularly in estimating the costs of the project.

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: Cabrillo Highlands is a mobile home park with about 25 residents

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

8. If yes, please state the public purpose and explain how it benefits the customers: Most of the residents are on low fixed incomes. If we have to start trucking water in, this would be financially devastating.

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 in 2021. Adding to this are the new residential developments in close proximity which will draw on our aquifer.

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) **Low income senior mobile home park residents.**

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 **Yes**

Objective 2 - Provide an ongoing framework for inclusive, efficient intraregional cooperation and effective, accountable NCRP project implementation **Yes**

Objective 3 - Integrate Traditional Ecological Knowledge in collaboration with Tribes to incorporate these practices into North Coast Projects and Plans **No**

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 **Yes**

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

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 **Yes**

Objective 7 - Enhance salmonid populations by conserving, enhancing, and restoring required habitats and watershed processes **No**

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 **Yes**

Objective 9 - Improve drinking water quality and water related infrastructure to protect public health, with a focus on economically disadvantaged communities **Yes**

Objective 10 - Protect groundwater resources from over-drafting and contamination **Yes**

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 **Yes**

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

GOAL 6: PUBLIC SAFETY

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

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? No
- 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 do not know
- 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

Cabrillo Highlands

Water Security Enhancement Project

Legend

- 13500 Point Cabrillo Dr
- berm

13500 Point Cabrillo Dr

Point Cabrillo Dr

Point Cabrillo Dr



200 ft