

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: Southern Humboldt Fire Suppression Water Supply
2. Local Project Sponsor (if different than grantee): Mattole Restoration Council
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: 40.245206237669585

Longitude: -124.12461338596924

4. Please briefly describe the proposed project.
We will purchase and install rainwater catchment storage tanks for local volunteer fire departments in the Mattole and Eel watersheds. Petrolia, Honeydew, Telegraph Ridge, Whale Gulch, Briceland and Whitethorn Fire Departments all serve as initial attack on many rural fires before CalFire can respond. We are seeking funding to purchase rain catchment tanks and appropriate hose and hydrant fittings for these fire departments and to plan the most strategic locations for placement using our existing Fire Atlas for first responders.
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.
This project responds to a fire season emergency for humans and wildlife. Residents of the rural area served by the 6 fire companies listed above all manage their own water systems. There is no municipal water or fire hydrants on the Lost Coast. We rely on stored water and on our ability to draft water from ponds, creeks, and rivers. The ongoing drought across our local fire companies' area of responsibility has significantly reduced our options in that many creeks and certain drafting spots on the Mattole River do not offer drafting flows during the extreme part of the fire season. As a result, increasing importance is being placed on the thoughtful placement of small (1,000 - 5,000 gallon) water tanks placed throughout the watershed.

Successful 'initial attack' of a wildfire is based on getting water onto the fire as rapidly as possible simply because small fires are easier to suppress than large fires. As a result, many local agencies rely on the 'Type 6' Engine, which is a large pick-up truck chassis carrying only 300-400 gallons of water. To compensate for the relatively short discharge times, agencies are eager to site smaller tanks in strategic places throughout their response areas to reduce 'turn-around times' when shuttling water to a fire. Selecting these strategic locations is based on an ongoing data gathering project using the Mattole Fire Atlas, a digital and paper atlas showing

roads, locked gates, structures, and water sources. Local fire departments will work with the Mattole Restoration Council GIS Tech and Fire and Fuels Coordinator to determine where, beyond landowners' existing stored pond and tank water, additional dedicated fire water would best be sited and update the Fire Atlas once those tanks are in place.

Adding strategic storage will improve initial attack response time and reduce the likelihood of a small fire growing into a megafire.

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.
Adequate water supply with minimal environmental impacts

8. Describe the Primary Benefit of the project.
Quantified benefit: 151000
Units (Drop down): Other If other please enter: Gallons
Benefit Type: Improve operational efficiency If other please enter:

9. Describe the Secondary Benefit of the project:
Quantified benefit: 151000
Units (Drop down): Other If other please enter: Gallon
Benefit Type: Water Supply If other please enter:

10. Please briefly describe how the project will achieve the claimed benefits.
Provide 32 tanks and 151,000 gallons of stored rainwater to support fire suppression for the rural outlying communities served by Petrolia, Honeydew, Telegraph Ridge, Whitethorn, Briceland and Whale Gulch Fire Departments. The project will support a reliable water supply for first responders. Improved water supply and efficiency improves initial attack timing which reduces the chances of small fires growing into mega fires that can destroy homes, lives, and the salmonid habitat the MRC and our partners (Mattole Salmon Group,

Sanctuary Forests, BLM, State Parks, USFWS, CDFW, NCRP, DWR, etc) have worked so hard to improve. Stored water will save 151,000 gallons of fire water that would have otherwise been diverted from streams.

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

The 2021 drought reduced Mattole River flow to an all time low and caused many reliable wells and springs to dry up. This impacted available water for fire suppression efforts because local fire department rely on ponds, creeks, tanks and the Mattole River for water to fight fires. Many creeks and certain drafting spots on the Mattole River do not offer drafting flows during the extreme part of the fire season. In addition, many residents used water set aside for fire protection to meet household needs.

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

Increased rainwater catchment and water storage will provide reliable water sources for local fire departments and reduce water diversions.

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	31,445	5,500	36,945
(b)	Land Purchase / Easement	0	0	0
(c)	Planning / Design / Engineering / Environmental Documentation	39,000	9,000	48,000
(d)	Construction / Implementation	275,348	24,000	299,348
	TOTAL COSTS	345,793	38,500	384,293

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

The fire departments are run by volunteers who dedicate an incredible amount of time to keeping our communities safe. Over the past 5 years fire incidents have increased making this time commitment even more intense. As volunteers are busier and busier fighting fires they have less time to fundraise. In addition, the pandemic has limited usual fundraising events and created budget stress. For example, the Honeydew Fire Company receives almost 100% of its annual funding from the large "Roll on the Mattole Festival" which has been cancelled two years in a row. Without state funding fire departments cannot afford to purchase tanks in the near future. If tanks are not secured soon there will not be time to fill them before next fire season which will reduce initial attack capacity and response.

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.

If NCRP/DWR funding is secured we will have all resources needed to implement the project. We have committed in kind labor from all 6 fire departments to help install and maintain the tanks once secured. We also have a small amount of funding remaining from Bella Vista Foundation and USDA to update the Mattole Fire Atlas.

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.

Tanks placed on private property will require landowner permission and an MOU. Strategic tank site locations are known for half of the tanks and we will sign landowner agreements once additional sites are identified using the Fire Atlas.

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

We are at 50% design. Tank location sites have been determined for Telegraph Ridge, Briceland and Whale Gulch fire departments We will work with Honeydew and Petrolia to determine the most appropriate sites for their water storage.

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 required

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

Implementation: Deliver tanks to each fire department, prepare site with grading and gravel, install tanks at appropriate sites, fill tanks with rainwater or spring water depending on timing, add CalFire approved outputs.

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	11/1/2021	12/31/2023
(b)	Land Purchase / Easement		
(c)	Planning/ Design / Engineering / Environmental Documentation	11/1/2021	11/1/2023
(d)	Construction/ Implementation	1/15/2022	5/15/2023



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:

Southern Humboldt Emergency Fire Suppression Water Supply

2. Project Abstract [500 characters]

We will purchase and install rainwater catchment and storage tanks for local volunteer fire departments in the Mattole and Eel watersheds. Petrolia, Honeydew, Telegraph Ridge, Whale Gulch, Briceland and Whitethorn Fire Departments all serve as initial attack on many rural fires before CalFire can respond. We are seeking funding to purchase rain catchment tanks for these fire departments and to plan the most strategic locations for placement using our existing Fire Atlas for first responders.

3. Local Project Sponsor Name:

Mattole Restoration Council

4. Contact Name/Title

Name: Sarah Vroom

Title: Executive Director

Email: vroom@mattole.org

Phone Number (include area code): office: (707) 629-3514 cell: (510) 862-9695

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.

Tank options and specs.

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.

Residents of the rural area served by the 6 fire companies listed above all manage their own water systems. There is no municipal water or fire hydrants on the Lost Coast. We rely on stored water and on our ability to draft water from ponds, creeks, and rivers. The ongoing drought across our local fire companies' area of responsibility has significantly reduced our options in that many creeks and certain drafting spots on the Mattole River do not offer drafting flows during the extreme part of the fire season. As a result, increasing importance is being placed on the thoughtful placement of small (1,000 - 5,000 gallon) water tanks, rather than the installation of fewer large tanks in a central location.

Successful 'initial attack' of a wildfire is based on getting water onto the fire as rapidly as possible simply because small fires are easier to suppress than large fires. As a result, many local agencies rely on the 'Type 6' Engine, which is a large pick-up truck chassis carrying only 3-400 gallons of water. To compensate for the relatively short discharge times, agencies are eager to site smaller tanks in strategic places throughout their response areas simply to reduce 'turn-around times' when shuttling water to a fire. Selecting these strategic places is based on an ongoing data gathering project using the Mattole Fire Atlas, a digital and paper atlas showing roads, locked gates, structures, and water sources. Local fire departments will work with the Mattole Restoration Council GIS Tech to determine where, beyond landowners' existing stored pond and tank water, additional dedicated fire water would best be sited and update the Fire Atlas once those tanks are in place.

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)

Petrolia, Honeydew, Telegraph Ridge, Whitethorn, Briceland

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)

Whale Gulch

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)

Bear River Band of Rohnerville Rancheria

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