

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: Shelter Cove Well Site Improvements
2. Local Project Sponsor (if different than grantee): Resort Improvement District No.1 (RID)
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° 02' 15" N

Longitude: -124° 02' 57" W

4. Please briefly describe the proposed project.

Project funding will further develop Resort Improvement District No.1 (RID or District) well site (known as the W-Well) to improve water quality and increase water availability for public use in Shelter Cove. W-Well site produces a high quantity of water (over 55 gpm), but currently with poor water quality to due elevated levels of magnesium chloride. Project funds requested would cover engineering, permitting, and materials/equipment costs to purchase and install a 5,000 gallon water tank (contact chamber), peristaltic & booster pumps, purge valve & water piping, electric starters, chlorine monitoring, small & secure 10'10' protective structure, improved vehicle well site access, and rock and slope protection for adjacent drainage (site water outflow area).

Total amount of funding needed is \$95,000.

Funding project will allow for greater conservation of water resources by decreasing District surface water diversions from Telegraph Creek (primary water public water source) during the dry season and by increasing W-Well site water use by effectively reducing water containments and improving its water quality. Reducing water withdraws from Telegraph Creek during the dry season will increase water available to wildlife and salmonid populations. With the addition of a contact tank, pumps, and proper chemical monitoring W-Well could directly replace estimated 70,000 gallons of water per day presently drawn from Telegraph Creek.

Water Tank and 10'x10' protective structure for pumps, electric starters, and chlorine monitoring would be placed/constructed on separate concrete pads with a minimal amount of excavating. For safer more efficient site access a short driveway would be improved. To reduce erosion, rock slope protection would be added to drainage adjacent to the site to mitigate impacts from water overflows generated at the site.

Applicant Background:

The District independently operates its own water, wastewater, and electric systems. RID's water system serves 610 residential and 25 commercial connections. The District's water system includes: a water plant (constructed in 1965) 11 tanks, Telegraph Creek and Rick Spring (Surface Water) water intakes, 14 well sites (Groundwater), 40 miles of water lines, 20 PRV sites, 20 different pressure zones.

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 RID's proposed Well Site Improvement project provides benefits to an underrepresented community facing a Human Right to Water challenge. The NCRP data map (located at <https://northcoastresourcepartnership.org/data/>) demonstrates that the District's entire service area is considered a "severely economically disadvantage community" (SDAC). The District declared a drought emergency in August of 2021 (see enclosed District Board Resolution). Telegraph Creek, the District's primary surface water source for 1,500 customers, was experiencing below average flow rates during the most recent drought.

Below is RID's Human Right to Water scoring relative to water quality, accessibility and affordability indicators. The proposed project will help address physical vulnerabilities and improvements to the RID's well site, thereby increasing public water availability and improving water quality. The proposed project will also improve conservation practices by curtailing surface water diversions and increasing water for wildlife/fish. This project benefits the customers of the District by increasing the public water supply and conserving surface water resources for wildlife and salmonoid benefit.

**HR2W: Water Quality Score (possible range: 0 - 4)
RID's Water Quality Composite Score: 0.00**

**HR2W: Water Accessibility Score (possible range: 0 - 4)
RID's Water Accessibility Composite Score: 0.00
RID's Physical Vulnerability to Water Outages Score: 0.00**

**HR2W: Water Affordability
This system serves 1,500 people.
RID's Water Affordability Composite Score is: No Data**

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: 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 NCIRWMP project implementation.

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

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

8. Describe the Primary Benefit of the project.

Quantified benefit: 80000

Units (Drop down):Other If other please enter:gallons of water per day

Benefit Type: Water Supply - Ground If other please enter:

9. Describe the Secondary Benefit of the project:

Quantified benefit: 80000

Units (Drop down):Other If other please enter:gallons of water per day

Benefit Type: Water Conservation If other please enter:

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

The W-Well site is currently not being used by the District due to water quality issues. W-Well site produces a significant amount of water and upgraded improvements needed to reduce water contaminants and improve water treatment onsite have been identified by District staff and consultants. District staff will be able to construct and install well site improvements if funding is secured. Once the project is complete, the District will have more public water available to meet growing demands and the District will have more well water available that can help offset the diversion of surface water to achieve ecosystem benefits for Telegraph Creek. The District is fully capable of managing project grant funds and completing project as identified in a timely and safe manner.

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

The District's service area experienced Severe Drought conditions during the most recent drought. Telegraph Creek, the primary water diversion source for the District, is experiencing below average flow rates for a longer period of time during the dry season. Extended lower flow rates during the dry season impact water availability for pumping from Telegraph Creek. The Board of Directors of Resort Improvement District No.1 declared a drought emergency in 2021 (see enclosed resolution). Mandatory water use restrictions were not implemented but only due to October rains that helped from both a surface water level and customer demand perspective. Drought impacts increase operational costs and impacts Shelter Cove's severely economically disadvantaged population.

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

This project will provide immediate relief to the District-declared drought emergency by increasing water availability through constructing/installing new improvements where past District improvements have already been made to increase the public water supply. Estimated increase to water supply is up to 80,000 gallons per day.

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

	BUDGET CATEGORY	Grant Amount	All Other Cost	Total Cost
(a)	Project Administration	0	4,000	4,000
(b)	Land Purchase / Easement			
(c)	Planning / Design / Engineering / Environmental	10,000		10,000

	Documentation			
(d)	Construction / Implementation	85,000	35,000	120,000
	TOTAL COSTS	95,000	39,000	134,000

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

If state funding is not secured, the project will not be implemented at this time.

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, the District will contribute staff time for project planning/management, site preparation, site construction and pump/pipe works/starters install. In kind labor contribution is \$39,000 for full project implementation.

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.

Not required.

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

Planning and design is partially completed. Construction ready engineered plans are not complete at this time due to lack of funding.

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.

CEQA is complete. Permitting process is not complete. Humboldt County Grading/Building Permit may be required.

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

5,000-gallon water tank and 10'x10' protective structure for pumps, electric starters, and chlorine monitoring would be placed/constructed on separate concrete pads with a minimal amount of excavating at the W-Well site off of Willow Glen Road on District property. For safer and more efficient site access, a short (less than 25 feet) driveway would be improved. To reduce erosion, rock slope protection would be added to drainage adjacent to the site to mitigate impacts from water overflows generated at the site. Once W-Well site's water can be incorporated into the water distribution system the District will develop new procedures to efficiently use this increase of well water availability to decrease surface water diversions on Telegraph Creek.

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	12/31/2022
(b)	Land Purchase / Easement		
(c)	Planning/ Design / Engineering / Environmental Documentation	11/1/2021	6/1/2022
(d)	Construction/ Implementation	6/1/2022	9/30/2022