

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: Water Storage Tank Project
2. Local Project Sponsor (if different than grantee): Scotia 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: 40.479034°

Longitude: -124.099564°

4. Please briefly describe the proposed project.

The Scotia Community Services District (SCSD) serves a small rural severely disadvantaged community of approximately 602 residents and 393 service connections. Scotia is located in Humboldt County, in far Northern California. SCSD has a median household income of \$39,063, approximately 49% of the state-wide median household income. SCSD's water supply is from a subsurface infiltration gallery below the lower Eel River.

SCSD is seeking funding to construct a new treated water storage tank to improve drought resiliency and increase water supply during emergency situations. SCSD currently has a single 488,000-gallon treated water storage tank to provide drinking water and fire protection water to the community of Scotia.

SCSD has an active water right for diversion of up to 4,588,500 gallons per day (gpd) from the Lower Eel River (State Water Resources Control Board Department of Water Resources license number 6373 and permit number 3027). The SCSD water treatment facility has a current treatment capacity of up to 1,451,520 gpd based on the filtration system running 24 hours per day. The average and maximum daily treated water demand is approximately 464,000 gpd and 845,000 gpd, respectively. The 488,000-gallon treated water storage tank is only large enough to store approximately one day of water supply (on average) or 58% of the maximum daily demand. State standards are for water storage facilities to provide up to 3 times the maximum daily demand including fire protection water.

SCSD is in need of additional treated water storage to ensure water supply reliability in the event of severe drought, equipment failure, power outages, or other emergency situations. Further, a second treated water storage tank would provide redundancy for the existing storage tank during maintenance and repairs. Adding storage capacity will also improve flexibility for operation of the treatment system to allow SCSD to operate during off-peak hours, reduce power costs, and reduce loads on the

power grid during peak hours. Site restrictions where the new treated water storage tank would be located limits the size of the tank that may be constructed there to approximately 500,000 gallons.

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.

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

Objective 8 — Ensure water supply reliability and quality for municipal, domestic, agricultural, Tribal and recreational uses while minimizing impacts to sensitive resources

Objective 11 — Address climate change effects, impacts, and 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 and safety

Objective 12 — Promote local energy independence, water/ energy use efficiency, GHG emission reduction, carbon sequestration, and jobs creation

8. Describe the Primary Benefit of the project.

Quantified benefit: 500000

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

Benefit Type: Water Supply Reliability If other please enter:

9. Describe the Secondary Benefit of the project:

Quantified benefit: 500000

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

Benefit Type: Improve operational efficiency If other please enter:

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

SCSD has an active water right for diversion of up to 4,588,500 gallons per day (gpd) from the Lower Eel River (State Water Resources Control Board Department of Water Resources license number 6373 and permit number 3027). The SCSD water treatment facility has a current treatment capacity of up to 1,451,520 gpd based on the filtration system running 24 hours per day. The average and maximum daily treated water demand is approximately 464,000 gpd and 845,000 gpd, respectively. The 488,000-gallon treated water storage tank is only large enough to store approximately one day of water supply (on average) or 58% of the maximum daily demand. State standards are for water storage facilities to provide up to 3 times the maximum daily demand including fire protection water.

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

SCSD owns and operates the drinking water and fire protection water infrastructure for the community, and supplies potable drinking water, untreated industrial water, and fire protection water (as well as other services: wastewater, parks, streets, lighting and drainage). Raw water is drawn from beneath the Eel River through an infiltration gallery and pumped up to a treatment and storage facility above town. This pumping facility is considered a critical facility pursuant to the de-energization guidelines adopted by the California Public Utilities Commission.

The river pumps sit down in a wet well on the bank of the Eel River, and water flows by gravity into the wet well from an intake gallery beneath the river. The pumps had to be reset to a lower level this year due to decreasing water level in the Eel River. The lower elevation of the water level also increases the amount of power required to pump the water to the treatment facility, increasing costs and greenhouse gas production associated with power production.

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

Additional treated water storage capacity will allow SCSD to increase water storage during periods when flows in the Eel River are higher, and store this water for high demand events such as fire fighting, or to provide a reliable water supply to the community during severe drought situations where it would be beneficial or necessary to reduce withdrawals from the Eel River.

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	166,000	0	166,000

(b)	Land Purchase / Easement	0	0	0
(c)	Planning / Design / Engineering / Environmental Documentation	207,000	0	207,000
(d)	Construction / Implementation	3,749,000	0	3,749,000
	TOTAL COSTS	4,122,000	0	4,122,000

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

Without state funding this project will not be completed. There is currently no match funding available for this project.

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.

Not at this time. If needed, SCSD may pursue cost share options, however that will impact the schedule presented herein. SCSD does not currently have reserves sufficient to match any funding for this project, but additional sources could be pursued if necessary.

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.

No. SCSD currently has a valid easement for the property where there are other tanks located.

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

No.

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.

No. We anticipate preparing a CEQA CatEx for this project, completing an air quality and greenhouse gas impact assessment, biological resources and wetlands assessment reports, cultural resources investigation, and completing federal cross-cutters. Permits anticipated include County general plan conformance review and special permit.

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

An existing concrete tank foundation currently sits where the proposed new tank would be constructed. The old tank foundation would likely need to be removed, the subgrade prepared in accordance with the geotechnical recommendations, construct a new tank

foundation, and then construct a new tank on top of the foundation. The new tank would need to be fitted with level sensors, and piped into the existing distribution system located within 40 feet of the new tank.

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	1/17/2022	2/16/2024
(b)	Land Purchase / Easement		
(c)	Planning/ Design / Engineering / Environmental Documentation	1/17/2022	6/9/2023
(d)	Construction/ Implementation	6/12/2023	11/24/2023



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:

Water Storage Tank Project

2. Project Abstract [500 characters]

The Scotia Community Services District (SCSD) serves a severely disadvantaged community. The SCSD surface water treatment and storage facility includes a single 0.488 million gallon (MG) finished water storage tank to supply drinking water and fire protection water to the community. SCSD needs a second finished water storage tank to provide redundancy and additional storage capacity for the community to increase resiliency during drought and emergency conditions.

3. Local Project Sponsor Name:

Scotia Community Services District

4. Contact Name/Title

Name: Leslie Marshall

Title: General Manager

Email: lesliem@planwestpartners.com

Phone Number (include area code): 707-764-3030

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.

General technical assistance and proposal development is desired

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 purpose of this project is to install a new water storage tank expanding the storage capacity for the community and enhancing the districts ability to serve the community during emergencies and periods of drought.

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.

This area of Humboldt County is currently experiencing moderate drought.

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)

Scotia Census Designated Place

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)

Scotia Census Designated Place

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: Eel River Valley

- c) If Yes, please specify the name of the organization that is the designated monitoring entity: Humboldt County Dept. of Public Works

- 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