NORTH COAST RESOURCE PARTNERSHIP

A. General Project Information

1. Organization / Project Sponsor Name:
   City of Weed

2. Project Name:
   Mill Fire Water System Recovery Project.

3. Has the organization implemented similar projects in the past? ☒ yes ☐ no

4. If the project sponsor has worked with NCRP in the past, describe the project and outcome.
   Yes, the Boles Fire Water System Rehabilitation and Water System Restoration Project, completed in 2016. The project installed over 6,200 feet of water mains, 2,400 feet of water services, 73 water meters, 7 fire hydrants, and 40 gate valves in the Angel Valley Neighborhood devastated by the Boles Fire.

5. Please describe the qualifications, experience, and capacity of the project team that will be overseeing project implementation.
   City staff, along with PACE Engineering, successfully implemented the last NCRP project described above, and can replicate the success in this project implementation.

6. Is this project part of a larger project or program? If so, what effectiveness monitoring is being conducted and what are the results?
   No.

7. Project Abstract [500 characters max.]
   Replacement of existing water mains with new and larger water main, along with new services and water meters.

8. Project Description [3,000 characters max.]
   The project will install 1,100 feet of 6-inch PVC pipe, 19 water services and water meters, a fire hydrant, 950 feet of curb and gutter, and a storm drain drop inlet.
   The proposed project will replace the existing 2- and 4-inch steel water lines that have reached the end of their useful life, have a history of leaking, and run underneath homes on private property. The fire burned hot enough to melt the City's recently installed composite water meters, some of them melting over the adjacent valves inhibiting the City's ability to shut the water services. These meters and water services will have to be replaced prior to reconstruction of the homes.
   During the Mill Fire, approximately 20 homes were lost in the Lincoln Heights neighborhood, west of HWY 97. Debris removal operations is expected to impact the existing water mains and the heavy equipment may further damage the existing water main.

To facilitate homes to be rebuilt, the new water main line will be installed in the City's right of way. The new water services, including meter and boxes will also be installed along the edge of the City's right-of-way.

Historically, flooding occurs at the natural low point in the neighborhood. Home owners resorted to building makeshift barriers at the front of their property to divert and channel water away from their properties. The California Office of Emergency Services (CAL OES) is conducting debris removal, digging parcels down to removal any detected contaminants. While this debris removal is important, CAL OES will not fill the parcels back in to their original elevations. This lowering of the parcel elevations is likely to compound the risk of flooding. To help mitigate flooding on these parcels, a curb and gutter, as well as a storm drain inlet will be installed. This improvement will properly channel storm runoff to a into the new storm drain inlet into an existing storm drain system.

9. Specific Project Goals/Objectives

Goal 1: Beneficial uses of water [100 characters max.]
Goal 1 Objective: Ensure water supply reliability and quality while minimizing impacts to sensitive resources. [200 characters max.]
Goal 1 Objective: Improve drinking water infrastructure for a severely disadvantaged community (SDAC).
Goal 1 Objective: Provide the SDAC with a new fire hydrant to better prepare the City with fire suppression.
Goal 1 Objective: Protect groundwater resources and promote water conservation.

Goal 2: Climate Adaptation and Energy Independence.
Goal 2 Objective: Enhance community resilience to drought conditions.
Goal 2 Objective: Improve local water and energy use efficiency.
Goal 2 Objective: Reduce GHG emissions by conserving water requiring less pumping.
Goal 2 Objective: Reduce risk of flooding from extreme weather events.

Goal 3: Ecosystem Conservation and Enhancement
Goal 3 Objective: Conserve, enhance, and restore watersheds and aquatic ecosystems by reducing water use from spring water source.
Goal 3 Objective: Improve salmonid populations by conserving, enhancing, and restoring required habitats and watershed procesess.
Goal 3 Objective: Conserve and protect special-status species and habitas in the Klamath-Siskiyou ecoregion.
Goal 3 Objective: Sediment reduction by channeling precipitation runoff.

Additional Goals & Objectives (List)
Goal 4: Economic Vitality.

Goal 4 Objective: Support and enhance the economic vitality of the SDAC of Weed by improving existing infrastructure.
Goal 4 Objective: Facilitate reconstruction efforts to replace housing lost in the Mill Fire.

10. Describe how the project addresses the NCRP Goals and Objectives selected. [1,000 characters max.]

The proposed project benefits a SDAC that has a median household income (MHI) of approximately 34% of the State of California. Replacing the water mains will help reduce water loss and relieve stresses on the City's spring and groundwater supply resources. The project equips the City with enhanced fire suppression by installing new fire hydrants and a larger water main. New water mains will reduce water loss, which in turn will directly impact and reduce the amount of green house gas (GHG) emissions associated with pumping groundwater to customers. This also increases water supply availability, enhancing community resilience to effects of climate change, such as severe drought conditions. By conserving water at the source, benefits to downstream special-status species and habitats, ecosystems, and watersheds are expected.

11. Describe the physical, biological and/or community need for the project. [1,000 characters max.]

The SDAC community is in need of a reliable water delivery system. The existing steel water mains that run across private property and below homes have reached the end of their service life and are in need of replacement.

Any reduction in water losses or increase in water conservation will help reduce stresses on the City's current water sources. The City can reduce operation and maintenance costs associated with the older water mains and improve the community resilience to effects caused by climate change including future fires such as the recent Mill Fire.

12. Describe the financial need for the project. [1,000 characters max.]

The City of Weed is a SDAC, with a current MHI of $26,750, which is approximately 34% of the State's MHI. As such, the City does not possess the capital to implement this recovery project without financial assistance. The recent fires have reduced the number of water and wastewater connections and has negatively impacted revenues for both utilities, and a sizeable portion of the City's General Fund is sales tax, which was greatly impacted by Covid. The City has approached Federal Emergency Management Agency (FEMA) and CAL OES regarding this project, but neither are willing to fund these necessary improvements.

13. Describe potential adverse impacts from project implementation and how they will be mitigated.

None identified at this time. The project area was devestated by the recent fire, so potential adverse impacts, if any, would be easily mitigated.

14. Will this project mitigate an existing or potential Cease and Desist Order or other regulatory compliance enforcement action? ☐ yes ☒ no
    If yes, please describe. [500 characters max.]

15. Does the project address a contaminant listed in AB 1249 (nitrate, arsenic, perchlorate, or hexavalent chromium)?
    ☐ yes ☒ no
    If yes, provide a description of how the project helps address the contamination. [500 characters max.]

16. Describe how the project contributes to regional water self-reliance and addresses climate change. [1,000 characters max.]

    The proposed project will contribute to regional water self-reliance by reducing water losses in the water distribution system and thus conserve water. Water conservation will reduce the demand on both groundwater and spring source water supplies, increasing water supply availability and reliability for local and downstream beneficial uses. This improvement will greatly aid the City through droughts that will only become longer, more frequent and severe due to climate change. Decreasing pumping from the City wells will reduce the amount of GHG emissions associated with pumping groundwater to customers. The storm drain improvements will reduce the risk of flooding which will be important as the City recovers from the Mill Fire during future rainfall and fire events due to climate change.

17. Does the project increase public safety with regards to flood protection, wildfire hazard risk reduction, increasing firefighting capacity, or in other ways contribute to regional emergency resiliency?
    ☒ yes ☐ no
    Please explain. [500 characters max.]

    The project will provide a fire hydrant and a new larger water main providing improved water supply for wildfire hazard risk reduction and increased firefighting capacity. Storm drain improvments will reduce the risk of flooding that has plagued homes located at lower elevations.

18. Does the project employ new or innovative technologies or practices, including Decision Support Tools that support the integration of multiple jurisdictions, including, but not limited to, water supply, flood control, land use, and sanitation? ☐ yes ☒ no
    If yes, please describe. [500 characters max.]

19. Describe the population served by this project, including any economically disadvantaged communities or Tribes that will directly benefit.

The City has a population of 2,967. Historically, the City was a lumber town, sustained by local lumber mills that provided the majority of jobs in the region. In the early 1980s, more restrictive regulations crippled the lumber industry, and many jobs were lost in the region. The City's current MHI is $26,750, which is about 34% of the State's MHI. As such they are a SDAC. Approximately 35% of the population is also of ethnic minority descent.

20. **Describe local and/or political support for this project.** [500 characters max.]
    The project is supported by local City officials and community members. The water conservation benefits will extend beyond the City and provide water to benefit the region.

21. **List all collaborating partners and agencies and nature of collaboration.** [750 characters max.]
    City of Weed - Project Sponsor

22. **Is this project part or a phase of a larger project?** ☐ yes ☒ no
    Are there similar efforts being made by other groups? ☐ yes ☒ no
    If yes to either, please describe. [500 characters max.]

B. Project Location

1. **Describe the latitude and longitude of the project site.**
   Latitude: 41.41801N Longitude: 121.383W

2. **Site Address (if relevant):**
   City of Weed, 550 Main Street, Weed, CA 96094

3. **Does the applicant have legal access rights, easements, or other access capabilities to the property to implement the project?**
   ☒ yes — If yes, please describe below
   ☐ no — If no, please provide a concise narrative below with a schedule, to obtain necessary access
   ☐ NA — If NA, please describe below why physical access to a property is not needed
   Explanation. [500 characters max.]
   All improvements will be installed within the City's right-of-way.

4. **Project Location Notes:**
   The project will be implemented in in the fire-damaged Lincoln Heights neighborhood, located in the northern portion of the City of Weed.

NORTH COAST RESOURCE PARTNERSHIP

C. Benefits To Disadvantaged Communities and/or Tribes

1. **Does the project provide direct water-related benefits to a project area comprised of Disadvantaged Communities or Economically Distressed Communities?** If partially, please estimate percentage of project that benefits disadvantaged communities and list the communities.
   ☒ Entirely
   ☐ Partially; estimate the percentage of benefits provided directly to DAC:
   ☐ No
   List the Disadvantaged Community(s)
   City of Weed

2. **Does the project provide direct water-related benefits to a project area comprised of Severely Disadvantaged Communities (SDAC)**? If partially, please estimate percentage of project that benefits disadvantaged communities and list the SDACs.
   ☒ Entirely
   ☐ Partially; estimate percentage of benefits provided directly to SDAC:
   ☐ No
   List the Severely Disadvantaged Community(s)
   City of Weed

3. **Does the project provide direct water-related benefits to a Tribe or Tribes**? If partially, please estimate percentage of project that benefits Tribe(s) and list the Tribes.
   ☐ Entirely
   ☐ Partially; estimate percentage of benefits provided directly to Tribe(s):
   ☒ No
   List the Tribal Community(s)

   If yes, please provide a letter of support from each Tribe listed as receiving these benefits.

4. **If the project provides benefits to a DAC, EDA or Tribe, explain the water-related need of the DAC, EDA or Tribe and how the project will address the described need.** [750 characters max.]
   The project will provide reliable water supply, improved fire suppression, and flood protection to a SDAC community recently devastated by the Mill Fire.

5. **Describe the kind of notification, outreach and collaboration that has been completed with the county(ies) and/or Tribes within the proposed project impact area, including the source and receiving watersheds, if applicable.** [500 characters max.]
   None at this time.

NORTH COAST RESOURCE PARTNERSHIP

D. Project Benefits & Justification

1. For each of the Potential Benefits that the project claims, complete the following table to describe an estimate of the benefits expected to result from the proposed project. Provide quantitative benefit amounts for at least the primary and secondary benefits. Provide a qualitative narrative description of expected benefits that cannot be quantified. *See the NCRP Project Application Instructions for more information and a listing of potential benefits.*

PROJECT BENEFITS TABLE

Benefit Description	Units	Quantitative Amount	Qualitative Description
Water Supply			
Improved water supply & distribution	# Households	26	Benefit to # of home
Water volume conserved	Ac-Ft/Yr	16	Supply reliability
Water Quality			
Water quality improvements	Ac-ft/Yr	16	Increased flows
Climate Change			
Wildfire resilience	Households	26	Enhance firefighting
Flood protection	Households	13	Improve drainage
Other Ecosystem Service Benefits			
Jobs Created or Maintained			
Other Benefits			
Housing	Households	20	Restoring lost homes

Benefit Description	Units	Quantitative Amount	Qualitative Description

2. Does the proposed project provide physical benefits outside of the North Coast Region?
   ☐ yes ☒ no
   If yes, describe the impacts to areas outside the North Coast Region. [500 characters max.]
   N/A

3. List the impaired water bodies (303d listing) that the project benefits:
   Shasta River and Klamath River

4. Describe how the project benefits salmonids, endangered/threatened species and sensitive habitats.
   Water conservation will decrease the amount of water needed from spring water sources, which in turn will increase the amount of water that will naturally flow into the Shasta and Klamath Rivers. This will enhance and help conserve these sensitive habitats for salmonids and other endangered and threated species.

5. Have alternative methods been considered to achieve the same types and amounts of physical benefits as the proposed project?
   ☐ yes ☒ no
   Please explain. [500 characters max.]
   There are no alternatives to replacing the water mains to provide drinking water and enhanced fire protection.

6. Is the proposed project the lowest cost alternative to achieve the physical benefits?
   ☒ yes ☐ no
   Please explain. [500 characters max.]
   The are no other alternatives to trenching and water main installation that will achieve the desired goals.

7. How will the project be monitored to determine whether it is producing the desired benefits?
   Benefits will be measured by tracking the number of leaks and estimating water loss after the project has been completed and is in service. Additionally, the City will monitor drainage performance during and after rain events for flood protection, as well as monitoring improved fire protection during future fire hydrant testing.

8. Provide a narrative for project technical justification. Include any other information that supports the justification for this project, including how the project can achieve the claimed level of benefits listed below. [3,000 characters max.]
   The City of Weed has endured devastating fires, the Boles Fire in 2014 and the Mill Fire earlier this year. The Lincoln Heights neighborhood, located in north Weed, was devastated by the Mill Fire. Approximately 56 homes were destroyed in this neighborhood of which 20 homes are located in the project area.

   The existing water distribution system pipes in the project area, consisting of 2- and 4-inch steel mains, have reached the end of their service life, are leaking, and run under homes on private property. Moreover, it is likely that these pipes will incur further damage during debris removal operations and reconstruction efforts. It would be difficult to protect the existing pipes in-place, and it would be a disservice to the community for the City to attempt to keep the failing pipes in service. The City of Weed, a SDAC does not have the monetary resources to rehabilitate or replace the water distribution system.

   The proposed project includes the installation of approximately 1,100 feet of 6-inch PVC water mains, water services, water meters, and a fire hydrant to better serve the neighborhood.

   Historically, some parcels have experienced flooding due to a lack of drainage therefore, to mitigate the risk of flooding, approximately 950 feet of curb and gutter and a new storm drain will be installed at the end of the new curb and gutter.

   The completion of this project would benefit a SDAC community by providing a new and reliable distribution system, better equip the City with fire suppression, mitigate the risk of flooding, and also reduce the economic impact on the City for maintaining a failing distribution system in the Lincoln Heights neighborhood.

9. List and include any studies, plans, designs or engineering reports completed for the project as a "Technical & Reference Supporting Materials" into one document that includes a Table of Contents and is limited to approximately 50 pages. *Please see the instructions for more information about submitting these documents with the final application.*

10. Project Justification & Technical Basis Notes: Please provide any additional information *not included above* that you think is important.

E. Project Tasks, Budget, And Schedule

1. Projected Project Start Date: 7/1/23

Anticipated Project End Date: 12/31/24

2. **Describe the basis for the costs used to derive the project budget in each budget category.** [500 characters max.]
   The basis of construction costs is based on similar public works projects recently bid and/or constructed in Siskiyou County and northern California. Project indirect and engineering costs are based on actual incurred costs to perform similar services for recent publicly bid projects.

3. **Provide a narrative on cost considerations including alternative project costs.** [500 characters max.]
   There are no alternative project costs, only a "no project" alternative.

4. **List the sources of non-state matching funds, amounts and indicate their status**. Proposition 1 requires a minimum cost share of 50% of the total project costs, though a waiver may apply (see Question 6 below).
   None - See 6 below.

5. **List the sources and amount of State matching funds.**
   No State matching funds have been identified to date.

6. **Cost Share Waiver Requested (DAC or EDA)?** ☒ yes ☐ no
   Describe what percentage of the proposed project area encompasses a DAC/EDA, how the community meets the definition of a DAC/EDA, and the water-related need of the DAC/EDA that the project addresses. In order to receive a cost share waiver, the applicant must demonstrate that the project will ***directly*** provide benefits that address a water-related need of a DAC/EDA.
   100% of the proposed project will serve a SDAC. The City of Weed's current MHI is $26,750, which is 34% of the State's MHI. The entire City is designated as a SDAC according to both the NCRP's mapping data tool and the DWR's DAC mapping tool.

7. **Is the project budget scalable?** ☒ yes ☐ no

8. **Describe how a scaled budget would impact the overall project,** its expected benefits and state the minimum budget amount that would be viable (see Instructions E.7 for scaled budget examples). [500 characters max.]
   A scaled budget would reduce the linear footage of curb and gutter to be installed and thus reduce the coverage and effectiveness of protection from flooding. If the budget was reduced by 25%, all storm drain system improvments would be eliminated, and thus all benefits from these improvements would be eliminated. Any additional scaling would reduce the linear footage of water main constructed and the number of water services installed, thus preventing abandonment of the existing steel mains.

9. Major Tasks, Schedule and Budget for Project Solicitation
   Please complete MS Excel table available at https://northcoastresourcepartnership.org/ncrp-proposition-1-irwm-round-2-solicitation/see instructions for the information to be included in this document and for how to submit the required excel document with the application materials.

10. Project Tasks, Budget and Schedule Notes:

    N/A

11. Project Information Notes. Please provide any information that that has not been specifically requested that you feel is important for the NCRP to know about your project.

Major Tasks, Schedule and Budget for North Coast Resource Partnership IRWM Project Solicitation

Project Name: Mill Fire Water System Recovery Project
Organization Name: City of Weed

Task #	Major Tasks	Task Description	Major Deliverables	IRWM Task Budget	Non-State Match	Other Match	Total Task Budget	25% Scaled IRWM Budget	50% Scaled IRWM Budget	Current Stage of Completion (%)	Start Date	Completion Date
A	**Category (a): Direct Project Administration**											
1	Administration	In cooperation with the County of Humboldt sign a sub-grantee agreement for work to be completed on this project. Develop invoices with support documentation. Provide audited financial statements and other deliverables as required	Invoices, audited financial statements and other deliverables as required	$5,000.00	$0.00	$0.00	$5,000.00	$4,500.00		0%	7/1/23	12/31/24
2	Monitoring Plan	Develop Monitoring Plan to include goals and measurable objectives	Final Monitoring Plan	$5,000.00	$0.00	$0.00	$5,000.00	$4,625.00		0%	7/1/23	12/31/24
3	Labor Compliance Program	Execute service agreement with Labor Compliance Program company	Copy of agreement with Labor Compliance Monitoring company	$10,000.00	$0.00	$0.00	$10,000.00	$8,000.00		0%	7/1/23	10/31/24
4	Reporting	Develop monthly reports describing work completed, challenges, and strategies for reaching remaining project objectives. Develop Final Report	Monthly and Final Reports	$5,000.00	$0.00	$0.00	$5,000.00	$4,500.00		0%	7/1/23	12/31/24
B	**Category (b): Land Purchase/Easement**											
1	NA			$0.00	$0.00	$0.00	$0.00	$0.00		0%		
C	**Category (c): Planning/Design/Engineering/Environmental Documentation**											
1	Environmental Documentation	Complete environmental review pursuant to CEQA. Prepare all necessary environmental documentation.	Environmental Information Form approved by DWR	$7,500.00	$0.00	$0.00	$7,500.00	$7,500.00		0%	7/1/23	10/31/23
2	Site Survey & Mapping	Design surveying and mapping.	Topographic survey of site	$18,000.00	$0.00	$0.00	$18,000.00	$17,000.00		0%	7/1/23	7/31/23
3	Final Design /Plans	Develop a set of final design drawings and specifications ready to put out for bid. The drawings and specifications will conform to all necessary requirements stipulated by the City and regulatory agencies to ensure a high quality product.	Final Design and Construction Specifications	$83,000.00	$0.00	$0.00	$83,000.00	$63,000.00		10%	8/1/23	2/28/24
D	**Category (d): Construction/Implementation**											
1	Contract Services	Develop Advertisement for Bids and Contract Documents; conduct pre-bid contractors meeting; perform evaluation of bids; award contract.	Bid Documents; Proof of Advertisement; Award of Contract; Notice to Proceed	$25,000.00	$0.00	$0.00	$25,000.00	$20,000.00		0%	3/1/24	3/31/24
2	Construction Costs	Abandon in-place existing water main, replace with 1,100 LF of 6-inch PVC main, install 1 new fire hydrant and 19 water meters and boxes, 7 gate valves, storm drain drop inlet, and 950 lf of curb and gutter.	Construction Management Logs; Completed construction administration tasks documented in monthly progress reports; DWR Certificate of Project Completion	$596,000.00	$0.00	$0.00	$596,000.00	$441,000.00		0%	5/1/24	10/15/24
3	Construction Administration	Complete tasks necessary to administer construction contract. Keep daily records of construction activities, inspection, and progress. Conduct project construction photo monitoring.	Construction Management Logs; Completed construction administration tasks documented in monthly progress reports	$61,000.00	$0.00	$0.00	$61,000.00	$49,000.00		0%	4/1/24	10/31/24
4	Project Construction/Implementation: Construction Staking	Construction staking of site; delineate location and elevations of improvements.	Construction staking exhibit.	$9,000.00	$0.00	$0.00	$9,000.00	$0.00		0%	4/15/24	4/30/24
5	Project Construction/Implementation: 10% Contingency	10% Construction contingency	Executed contract change orders	$99,000.00	$0.00	$0.00	$99,000.00	$74,000.00		0%	5/1/24	10/15/24
6	Construction Observation	Observation during construction for construction quality assurance.	Daily construction observation reports & site photos	$67,000.00	$0.00	$0.00	$67,000.00	$50,000.00		0%	5/1/24	10/31/24
7	Inspection & Project Close Out	Inspect project components and establish that work is complete. Verify that all project components have been installed and are functioning as specified will be conducted as part of construction inspection and project closeout. Conduct project completion photo monitoring. Prepare record drawings.	Record Drawings; Project completion site photos	$7,000.00	$0.00	$0.00	$7,000.00	$5,000.00		0%	11/1/24	12/31/24
	Total North Coast Resource Partnership IRWM Grant Request			**$997,500.00**	**$0.00**	**$0.00**	**$997,500.00**	**$748,125.00**	**$0.00**			
	Percentage of Total Project Cost			**100%**	**0%**	**0%**	**100%**	**75%**	**0%**			

NORTH COAST RESOURCE PARTNERSHIP

ORGANIZATION INFORMATION

1. Project Name:
   Mill Fire Water System Recovery Project

2. Applicant Organization Name:
   City of Weed (City)

3. Contact Name/Title
   Name: Craig Sharp
   Title: Public Works Director
   Email: sharp@ci.weed.ca.us
   Phone Number (include area code): (530) 938-5020

4. Organization Address (City, County, State, Zip Code):
   Weed, Siskiyou, CA, 96094

5. Organization Type
   ☒ Public agency
   ☐ 501(c)(3) Non-profit organization
   ☐ Public utility
   ☐ Federally recognized Indian Tribe
   ☐ California State Indian Tribe listed on the Native American Heritage Commission's California Tribal Consultation List
   ☐ Mutual water company
   ☐ Other:

6. Authorized Representative (if different from the contact's name)
   Name: Tim Rundel
   Title: City Manager
   Email: tim.rundel@ci.weed.ca.us
   Phone Number (include area code): (530) 938-5096

7. List all projects the organization is submitting to the NCRP for this Solicitation in order of priority.
   Mill Fire Water System Recovery Project

8. Organization Information Notes:
   N/A

NORTH COAST RESOURCE PARTNERSHIP

ELIGIBILITY

1. North Coast Resource Partnership Goals and Objectives

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

2. Does the project have a minimum 15-year useful life?
   a) ☒ yes ☐ no
   b) If yes, will the organization be able to provide compliance documentation outlined in the instructions should the project be selected as a Priority Project?
   ☒ yes ☐ no

3. Other Eligibility Requirements and Documentation

CALIFORNIA GROUNDWATER MANAGEMENT SUSTAINABILITY COMPLIANCE

a) Does the project directly affect groundwater levels or quality?
   ☒ yes ☐ no
b) If yes, will the organization be able to provide compliance documentation outlined in the instructions including a Groundwater Sustainability Agency letter of support, to include in the NCRP Regional Project Application should the project be selected as a Priority Project?
   ☐ yes ☒ no

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 and CASGEM priority:
c) If yes, please specify the name of the organization that is the designated monitoring entity:
d) If yes, please specify whether the local Groundwater Sustainability Agency has endorsed the project:

URBAN WATER MANAGEMENT PLAN

a) Is the organization required to file an Urban Water Management Plan (UWMP)?
   ☐ yes ☒ no
b) If yes, has DWR verified the current 2020 UWMP?
   ☐ yes ☐ no
c) If the 2020 UWMP has not been verified by DWR, explain and provide anticipated date for verification:
d) Has DWR verified a water loss audit report in accordance with SB 555 as submitted by the urban water supplier?
   ☐ yes ☐ no
e) Does the urban water supplier meet the water meter requirements of CWC 525?
   ☐ yes ☐ no
f) Does the urban water supplier meet the State Water Resources Control Board's Water Conservation and Production Reporting requirement?
   ☐ yes ☐ no

g) If yes, will the organization be able to provide compliance documentation outlined in the instructions, to include in the NCRP Regional Project Application should the project be selected as a Priority Project?
☐ yes ☐ no

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, will the organization be able to provide compliance documentation outlined in the instructions, to include in the NCRP Regional Project Application should the project be selected as a Priority Project?
☐ yes ☐ no

SURFACE WATER DIVERSION REPORTS

a) Is the organization required to file State Water Resources Control Board (SWRCB) annual surface water diversion reports per the requirements in CWC Part 5.1?
☐ yes ☒ no

b) If yes, will the organization be able to provide compliance documentation outlined in the instructions, to include in the NCRP Regional Project Application should the project be selected as a Priority Project?
☐ yes ☐ no

STORM WATER MANAGEMENT PLAN

a) Is the project a stormwater and/or dry weather runoff capture project?
☒ yes ☐ no

b) If yes, does the project benefit a Disadvantaged Community with a population of 20,000 or less?
☒ yes ☐ no

c) If this is a stormwater/dry weather runoff project but does not benefit a small DAC population, please provide documentation that the project has been included in a Stormwater Resource Plan that has been incorporated into the NCRP IRWM Plan:

d) If no, will the organization be able to provide documentation that the project is included in a Stormwater Resource Plan that has been incorporated into the NCRP IRWM Plan, should the project be selected as a Priority Project?
☐ yes ☐ no

4. Eligible Project Type under 2022 IRWM Grant Solicitation
   - ☐ Water reuse and recycling for non-potable reuse and direct and indirect potable reuse
   - ☒ Water-use efficiency and water conservation
   - ☐ Local and regional surface and underground water storage, including groundwater aquifer cleanup or recharge projects
   - ☐ Regional water conveyance facilities that improve integration of separate water systems
   - ☒ Watershed protection, restoration, and management projects, including projects that reduce the risk of wildfire or improve water supply reliability
   - ☐ Stormwater resource management projects to reduce, manage, treat, or capture rainwater or stormwater
   - ☒ Stormwater resource management projects that provide multiple benefits such as water quality, water supply, flood control, or open space
   - ☐ Decision support tools that evaluate the benefits and costs of multi-benefit stormwater projects
   - ☐ Stormwater resource management projects to implement a stormwater resource plan
   - ☐ Conjunctive use of surface and groundwater storage facilities
   - ☐ Decision support tools to model regional water management strategies to account for climate change and other changes in regional demand and supply projections
   - ☒ Improvement of water quality, including drinking water treatment and distribution, groundwater and aquifer remediation, matching water quality to water use, wastewater treatment, water pollution prevention, and management of urban and agricultural runoff
   - ☐ Regional projects or programs as defined by the IRWM Planning Act (Water Code §10537)
   - ☐ Other:

5. Describe how the project provides a benefit that meets at least one of the Statewide Priorities as defined in DWR's Final 2022 Guidelines (see page 7) and Tribal priorities as defined by the NCRP?

   No. 3 Drought Preparedness: Achieve long-term reduction of water use by replacing leaking water mains, eliminating water losses in the distribution system. Water savings will assit the community to be better prepared for droughts.
   No. 4 Climate Resilience: Increase climate resilience by replacing undersized and leaky water mains to serve and protect the community through droughts and fires. Installing proper drainage facilities will protect homes that have been plagued with flooding.

NORTH COAST RESOURCE PARTNERSHIP

CERTIFICATION OF AUTHORITY

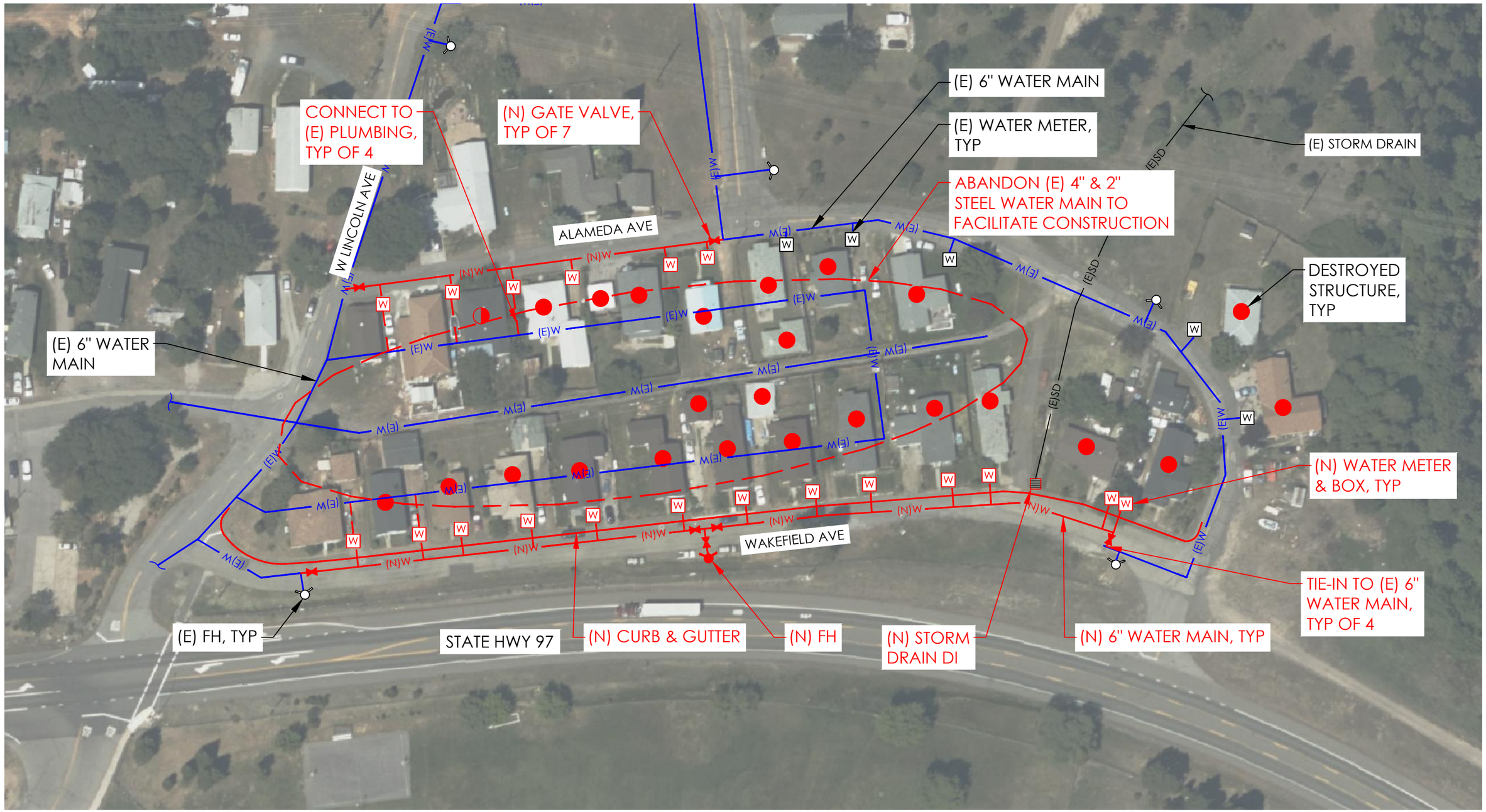
By signing below, the Authorized Representative executing the certificate on behalf of the Project Sponsor affirmatively represents that s/he has the requisite legal authority to do so on behalf of the Project Sponsor. The Authorized Representative executing this proposal on behalf of the project sponsor understands that the NCRP is relying on this representation in receiving and considering this proposal. The person signing below hereby acknowledges that s/he has read the entire NCRP 2022 Project Review and Selection Process Guidelines and the NCRP 2022 Proposition 1 IRWM Round 2 Project Application & Instructions documents and has complied with all requirements listed therein.

Official Authorized to Sign for Proposal

Signature

10/31/22

Date



DESTROYED STRUCTURE

PARTIALLY DESTROYED STRUCTURE

GRAPHIC SCALE

0 80 160

1 IN = 80 FT

PACE ENGINEERING

CITY OF WEED

MILL FIRE WATER SYSTEM RECOVERY PROJECT

FIGURE 1

DATE: 11/22

JOB #161.102.112

Plot Date: November 04, 2022 - 1:00 pm Login Name: ddeleon
File Name: M:\Land Projects\0161\102.112 2022 IRWM Application\DWG\REPAIR IMPROV2.dwg, Layout: FIGURE 1