



**North Coast Resource Partnership
Policy Review Panel (PRP) & Technical Peer Review Committee (TPRC) Meeting
MEETING MATERIALS**

**Friday, April 26, 2019; 10 am – 4 pm
Historic Yreka Elks Lodge, 332 W Miner St, Yreka**

BACKGROUND INFORMATION AND RECOMMENDATIONS

The following items correspond to the North Coast Resource Partnership (NCRP) agenda for April 26, 2019 per agenda order and item number. The items below include background information for agenda items that require additional explanation and, in some cases, include recommendations for action. The meeting agenda and other meeting materials can be found on the NCRP website at

<https://northcoastresourcepartnership.org/news-item/north-coast-resource-partnership-quarterly-meeting-april-26-yreka/>

**VI Local Project Presentation: Boles Fire Water System
Rehabilitation and Restoration Project**

In September 2014, the Boles Fire ripped through the City of Weed, destroying 128 homes, two churches, a portion of Weed Elementary School and numerous secondary buildings. One of the areas hit the hardest was the Angel Valley area, where 60 homes were lost. Many of the water mains in this area are undersized and run through alleys. The project consisted of installing approximately 5,000 linear feet of 6 and 8-inch water mains, including valves and appurtenances and nine fire hydrants.

More information can be found in Attachment A.

VII NCRP Nominations and Elections

The NCRP PRP approved an election process for the PRP Chair, Vice Chair, Executive Committee and TPRC Co-Chair, in October of 2012 and updated the process in January 2015. The following are excerpts from the North Coast Resource Partnership Governance section of the [NCRP Handbook](#) that describes the nomination and election process.

i & ii. Policy Review Panel Chair & Vice-Chair

The NCRP Policy Review Panel (PRP) consists of two Board of Supervisors' appointees and alternates from each of the seven counties and three Tribal representatives and alternates selected by the North Coast Tribes according to the "Tribal Representation Process" as defined in the NCRP MoMU. The NCRP Policy Review Panel nominates and elects a Chair and Vice-Chair on an as needed basis and each position is brought before the Policy Review Panel for reconsideration and appointment every two years.

iii. Executive Committee

The NCRP Executive Committee is a Standing Committee, subject to the Brown Act. The Executive Committee is comprised of the Policy Review Panel Chair, Vice-Chair, a third member nominated and approved by the PRP and a fourth member nominated by the Tribal representatives and approved by the PRP. The Policy Review Panel reconsiders the third and fourth members' appointment every two years.

iv. Technical Peer Review Committee Co-Chairs

The Technical Peer Review Committee (TPRC) is comprised of technical & scientific staff appointed from each county Board of Supervisors and Tribal representatives and alternates selected by the North Coast Tribes according to the "Tribal Representation Process" as defined in the NCRP MoMU. The TPRC nominates and submits prospective Co-Chair nominees for Policy Review Panel selection and approval.

Following are current positions for NCRP PRP and TPRC leadership roles:

- PRP Chair: Supervisor Judy Morris, Trinity County (elected April 2017)
- PRP Vice-Chair: Leaf Hillman, Karuk Tribe (elected April 2017)
- Executive Committee member: Supervisor James Gore (elected April 2017)
- Tribal Executive Committee member: Brandi Brown, Redwood Valley Little River Band of Pomo (elected April 2017)
- TPRC Co-Chair: Sandra Perez, Five Counties Salmonid Conservation Program, Trinity County (elected April 2017)
- TPRC Co-Chair: Dale Roberts, Sonoma Water (elected April 2017)

iii. Biennial Jimmy Smith Award

In December 2016, the NCRP Executive Committee approved the following process for a NCRP award to honor the late Jimmy Smith and the many qualities that he embodied as the founding NCRP Policy Review Panel Chair. In April 2017, the NCRP presented the first award to Jake Mackenzie.

Title: 'North Coast Resource Partnership Jimmy Smith Leadership Award'

Award Recipients: Policy Review Panel (PRP) members and alumni

Recipient Selection Criteria: PRP members that exemplify the leadership qualities as set forth by founding NCRP PRP Chair, Supervisor Jimmy Smith including:

- Leadership with integrity
- Committed to open governance, equity, bringing people together, respect and civic discourse
- Collaborative and inclusive
- Focus on common ground and positive outcomes

Process: NCRP selects and nominates potential award recipients; additional nominations are taken from the floor and voted on by sitting PRP members

Timing: The NCRP PRP nominates and elects an award recipient every two years when the PRP Chair and Vice-Chair are appointed.

iv. NCRP Ad Hoc Committee Review and Membership

The NCRP Handbook describes the role and composition of NCRP ad hoc committees:

Ad Hoc Committees

The NCRP Policy Review Panel forms Ad Hoc Committees on an as needed basis to address a short duration issue or topic. The Committee is not subject to the Brown Act and is disbanded once the topic has been addressed and outcomes have been reported to the Policy Review Panel. NCRP Ad Hoc Committees consist solely of less than a quorum of the Policy Review Panel and Technical Peer Review Committee and may include members of the Policy Review Panel and Technical Peer Review Committee and NCRP Staff.

Following is a listing of existing NCRP ad hoc committees and their membership:

Funding Ad Hoc Committee: to explore other funding mechanisms to support the NCRP. Formed in 2015.

- Supervisor Judy Morris, Trinity County
- Supervisor James Gore, Sonoma County

Proposition 1 DACTI Ad Hoc Committee: to direct staff in development of NCRP Proposition 1 IRWM Disadvantaged Community outreach and involvement program per the IRWM Guidelines. Formed in 2016.

- Supervisor Judy Morris, Trinity County
- Emily Luscombe, Cahto Indian Tribe of Laytonville Rancheria

Tribal Proposition 1 DACTI Ad Hoc Committee: Tribal representative sub-committee to oversee the Tribal Coordinator elements of the NCRP Disadvantaged Community and Tribal Involvement program. Formed in 2017.

- NCRP Tribal PRP and TPRC representatives

NCRP Proposition 1 Implementation Ad Hoc Committee: to develop the NCRP Proposition 1 IRWM Round 1 Implementation process, guidelines and solicitation materials for review and consideration by the PRP. Formed 2018

- Brandi Brown, Redwood Valley Little River Band of Pomo
- Supervisor Mike Wilson, Humboldt County
- Supervisor Dan Gjerde, Mendocino County
- Supervisor Lynda Hopkins, Sonoma County
- TPRC Co-Chair: Sandra Perez, Five Counties Salmonid Conservation Program, Trinity County
- TPRC Co-Chair: Dale Roberts, Engineer, Sonoma County Water Agency, Sonoma County
- Hank Seemann, Deputy Director, Environmental Services, Public Works Department, Humboldt County
- Wayne Haydon, Sonoma County

Recommendation:

- 1) PRP review membership of existing ad hoc committees and disband or augment membership as needed.
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VIII NCRP 2019 Leadership Handbook

The NCRP Handbook was first developed in 2011 and includes the following sections:

- North Coast Resource Partnership Governance
- North Coast Resource Partnership Major Themes
- NCRP/NCIRWM Plan III Goals and Objectives
- NCRP / NCIRWMP Funding Awards
- NCRP / NCIRWMP Useful Website Links
 - Appendix A Policy Review Panel and Technical Peer Review Committee Members
 - Appendix B NCRP Policy Review Panel Motions and Direction
 - Appendix C North Coast Resource Partnership Management Structure and Roles
 - Appendix D NCRP Policies
 - Appendix E NCIRWMP Memorandum of Mutual Understandings

i. NCRP Handbook Review & Approval Process

In October 2015, the PRP approved the NCRP Handbook with a provision that Appendices A and B may be updated by staff on an ongoing basis. The NCRP Handbook was reapproved in 2017 and in 2018, the adoption of the NCRP Plan & Storm Water Management Plan Integration Process included creating a section of the NCRP Handbook titled NCRP Policies. The most recent version can be downloaded from the NCRP website at

https://northcoastresourcepartnership.org/site/assets/uploads/2018/06/NCRP_Handbook_2018.pdf

Recommendation: The NCRP PRP will review and consider approving the NCRP Handbook on an annual basis.

ii. NCRP Goals and Objectives

The establishment of NCRP goals and objectives was accomplished with input from the PRP, TPRC resource agencies, and stakeholders in the North Coast region during focused strategic planning meetings, as well as ongoing stakeholder input to staff and PRP members at public meetings, workshops and correspondence. Input was considered by the PRP and a final set of regional goals and objectives were selected. Per the adaptive management approach of the NCRP, the PRP has reevaluated the objectives during periodic Plan updates to ensure that they continue to accurately reflect those priorities that address management issues of greatest importance to those living in North Coast communities. Following are updated Goals and Objectives (new proposed text underlined; text proposed to be removed crossed-out).

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, ~~cultural~~, 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, and vulnerabilities, including droughts, fires, floods, and sea level rise. Develop adaptation and 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

Goal 6: Public Safety

- Objective 13 - Improve flood protection, ~~and reduce flood risk in support of public safety forest~~ and community resiliency to reduce the public safety impacts associated with floods and wildfires

Recommendation: PRP review, edit and approve the NCRP Goals and Objectives to be included in the updated Handbook, website and updated NCRP Plan.

iii. NCRP Policies

The PRP is the governance and decision-making body for the NCRP, and sets policy on a regular basis to provide direction to the NCRP TPRC and NCRP staff. The policies and processes of the NCRP are regularly reviewed and updated by the PRP based on new information and the needs and opportunities facing the NCRP and the North Coast region. Policy updates have been historically recorded in NCRP Quarterly Meeting summaries, the NCRP Handbook *NCRP Policy Review Panel Motions and Direction* appendix and various review guidelines. The NCRP has a strong focus on transparent decision making and regional equity, and seeks to share and disseminate its policies and processes in one place as an Appendix to the NCRP Handbook so that stakeholders in the North Coast region have a clear understanding of the decision-making process and policies that guide the NCRP. The NCRP Handbook Policy Appendix is included as Appendix B in this document and has been updated to include existing policies, an updated policy and 3 new policies (new proposed language underlined; text proposed to be removed crossed-out).

- Updated: ON-GOING PROJECT INCLUSION PROCESS INTO THE NCIRWM/NCRP PLAN
- New: NCRP POLICY ON EXTERNAL PLAN INTEGRATION
- New: NCRP PROCESS FOR EVALUATION OF FUNDING & LEGISLATIVE OPPORTUNITIES
- New: NONCOMPLIANCE POLICY

Recommendation: PRP review, edit and approve the NCRP Policies to be included in the updated Handbook as an Appendix.

IX NCRP Plan Review and Adoption Process

In November 2016, DWR released the Integrated Regional Water Management Grant Program Guidelines for Proposition 1. These guidelines describe the process, procedures and criteria DWR will

use to implement the IRWM program including the regional plan standards and requirements. A revised and adopted NCRP Plan that is compliant to these plan standards will be an eligibility requirement for Proposition 1 implementation funding. Following is a general schedule and approach for the NCRP Plan review and input process:

- May: PRP/TPRC review
 - June: Public Review
 - July: submit to DWR for review
 - Fall 2019: provide to PRP for formal adoption
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X Regional Forest and Fire Capacity Funding

The California Natural Resources Agency (CNRA) is recommending the NCRP for a Regional Forest and Fire Capacity Program Block Grant in the amount of \$4,037,500. The grant is intended to achieve several key objectives for the North Coast region and California:

- a) Collaborate with CNRA, and other identified partners such as the Watershed Research and Training Center (WRTC), CAL FIRE, the US Forest Service (USFS), the California Fire Safe Council (CFSC), and regional Fire Safe Councils.
- b) Develop a regional prioritized plan for fuel load reduction, forest health, public health and safety, and economic vitality.
- c) Develop streamlined permitting for fuel load reduction and forest health projects
- d) Develop and implement demonstration projects that can be scaled up to address regional priorities and enhance knowledge of actionable strategies for fuel load reduction
- e) Perform education and outreach to inform communities about opportunities to provide input into the plan, share data and resources, and ensure opportunities to propose demonstration projects

The program is focused on fuel load reduction, long term forest health and resiliency, and the vitality of economically disadvantaged communities. The CNRA released final [Regional Forest and Fire Capacity Program Guidelines](#) and [block grant funding recommendations](#) on March 4. The CNRA moved quickly after our very positive meeting with state agencies and legislators at our last NCRP meeting in Weaverville, and staff followed the direction of the PRP (outlined below) in keeping the NCRP Executive Committee apprised of this opportunity and in placing this funding decision on the April 2019 agenda.

As background, at our last NCRP meeting in Weaverville the Policy Review Panel approved the following staff recommendation:

Through April 2019, authorize NCRP staff to work with the Chair, Vice-Chair and Executive Committee to pursue funding and provide legislative input that furthers the goals of the NCRP. The following assumptions apply:

1. *NCRP staff would only pursue funding opportunities that align with PRP approved Goals and Objectives*

2. *Prior to proceeding on any funding or legislative opportunity, NCRP staff would receive approval from the Chair and Vice Chair at a minimum, and would request approval from the full Executive Committee*
3. *NCRP staff would send draft funding requests or legislative input to the full PRP and TPRC for comment*
4. *A decision to formally submit a grant application would be voted on by the full PRP*
5. *Any funding request would honor the PRP approved approach to local autonomy – allowing Tribes or counties to opt out of any element of the funding request in which they do not wish to participate.*
6. *Funding requests or legislative input will predominantly focus on project implementation, but may also include stakeholder outreach and coordination, technical support for project proponents, data, analysis and planning.*
7. *At the April 2019 meeting, this authorization would be revisited by the PRP*

Motion: *Supervisor John McCowen, amended to stipulate this approach is only suitable if the funding deadline is sooner than the next scheduled meeting of the PRP*

Second: *Supervisor Mike Wilson*

Unanimous

The regional forest plan is expected to outline priority activities at the regional and local scale and is expected to position the NCRP to access funding via SB 901, other current (eg, Proposition 1, Prop 68) and potential future funding sources (eg, SB 45 and other private and public funding sources). A general budget breakdown follows; to be refined with oversight by the Forest Resiliency Block Grant Ad Hoc Committee.

- Grant Administration and Project Management – Humboldt County \$200,000
- Development of Regional Plan for prioritizing projects and streamlining permitting and providing technical assistance, education and outreach: approximately \$1.9 M
- Demonstration Projects: approximately \$1.9 M

If the NCRP Policy Review Panel votes to accept these funds, to authorize Humboldt County to continue as the NCRP grants and contracts administrator, and to form a NCRP Forestry Ad Hoc Committee comprised of PRP and TPRC members, Humboldt County's Board of Supervisors would then consider entering into a grant agreement with CNRA or its designee on behalf of the NCRP. Moving forward, NCRP staff would work with the NCRP Forestry Ad Hoc Committee, consultants and Tribal and County Forest Advisors to develop the plan outline and draft plan, as well as to develop criteria for the provision of technical assistance and project selection. NCRP staff would provide quarterly updates to the NCRP Policy Review Panel, and provide quarterly opportunities for review and refinement of the strategy for implementing the block grant program.

NCRP Staff Recommendation:

i. Funding Acceptance

- On behalf of the NCRP, accept the California Natural Resources Agency Regional Forest and Fire Capacity Program Block Grant in the amount of \$4,037,500
- Authorize Humboldt County to enter into a grant agreement in the amount of \$4,037,500 on behalf of the NCRP with California Natural Resource Agency and/or California Department of Conservation

ii. Ad Hoc Committee Formation

- Form a Forest Resiliency Block Grant Ad Hoc Committee comprised of NCRP PRP and TPRC members to advise on the implementation of the CNRA block grant

iii. PRP Direction

- Authorize NCRP staff to negotiate additional refinements to the Regional Forest and Fire Capacity Program Block Grant scope of work, budget, and grant agreement, in keeping with previous PRP direction and decisions, and with input from the Forest Resiliency Block Grant Ad Hoc Committee.
- Authorize NCRP staff to work with NCRP PRP and TPRC members from each NCRP tribe and county to identify and select potential Tribal and County Forest Advisors to act as paid advisors on: a) the development of the regional prioritized plan; b) demonstration project selection criteria; c) collaboration and coordination with NCRP staff, ad hoc committees and technical consultants.
- Provide regular updates to the NCRP Policy Review Panel regarding staff, Forest Resiliency Block Grant Ad Hoc Committee and NCRP Executive Committee actions and agendize the block grant at all NCRP PRP meetings until the grant agreement is complete

XI NASA Fire Evaluation Presentation

Sonoma County experienced catastrophic fires in October 2017, and has since formed an Office of Recovery and Resiliency that leads efforts to address preparation, recovery and resiliency to extreme events – including fires and floods. The Office is leading new initiatives and coordinating with existing agencies in Sonoma County to achieve its objectives. Sonoma Water and Sonoma County Agricultural Preservation & Open Space District (Sonoma Ag + Open Space) contribute data and resources to the Office of Recovery and Resiliency, and collaborated with NASA, Tukman Geospatial and Kass Green Associates to develop post-fire data to support recovery and long-term resiliency planning. The work in Sonoma County is likely to have applications to the North Coast region. The team developed a Fire Story Map, which provides background and information about the fires: <http://sonomavegmap.org/firestory/>

XII Russian River Pilot

Russian River Pilot Background

In cooperation with the Department of Water Resources (DWR) and local stakeholders, California Forward and the Pacific Institute developed a management framework for the Russian River watershed. This pilot effort was intended to contribute to the CA Water Plan Update 2018, and to explore watershed-based planning, regulation, governance, and finance innovations as framed in various DWR planning initiatives (e.g., CA Water Plan, Statewide Flood Planning, and Building Capacity for Regional Sustainability). The Russian River watershed was selected as the preferred location due to established relationships, and the existing NCRP structure with demonstrated willingness to partner and innovate.

Throughout the Russian River Pilot development process, concerns were expressed that Tribes, local disadvantaged communities and the NCRP were not included until late in the process. The project failed to meet the State's obligation to consult with tribes and as a result it omitted traditional knowledge and other aspects of watershed management that would have been available by working in partnership with Tribes of the region. The resulting plan would have negative consequences for the watershed. Therefore, the NCRP Executive Committee and the NCRP Tribal Representatives each issued statements criticizing this pilot and its use as a model, and stated that the pilot should be restarted so the Russian River will not be left with a flawed plan.

The idea of a watershed wide pilot however, was and remains a good idea. North Coast Tribes have repeatedly discussed the desire to continue with Russian River watershed planning collaboratively and have approached the DWR to reinitiate such a project with Tribes working inclusively alongside regional stakeholders from the beginning. DWR has expressed their dedication to identify and provide seed money to initiate this pilot. Dry Creek Rancheria has offered to serve as the fiscal agent and administrator the first phases of this project with the guidance of Tribal nations, cities, and counties.

Recommendation:

i. Ad Hoc Committee Formation

To this end the NCRP Tribal Representatives, working with Dry Creek Rancheria as the fiscal lead ask that the NCRP work collaboratively to form a Russian River Pilot Ad Hoc Committee comprised of NCRP PRP and TPRC members to advise on the development of a revised Russian River Pilot. The revised Pilot will ensure local stakeholder participation, integration into the NCRP planning process, and establish a clear protocol for how the NCRP engages with other regional planning processes. DWR has committed to provide the initial funding to launch this pilot, and are working with the Tribal Representatives and Dry Creek Rancheria to develop an initial budget and workplan.

ii. PRP Direction

NCRP Tribal Representatives request that the NCRP PRP:

- Approve NCRP staff to initiate the formation of Russian River Pilot Ad Hoc Committee of the NCRP, to be comprised of NCRP Representatives initially, and following initial meetings to integrate wider regional representation reflective of Russian River and adjoining Eel River stakeholders to provide direction to the creation of this pilot,
 - To develop an initial budget and workplan to submit to DWR for initial funding,
 - To develop a draft charter and draft workplan to allow NCRP and Tribal NCRP staff to coordinate outreach and engagement of regional stakeholders to this end, and to
 - Approve Dry Creek Rancheria to continue to work with DWR with NCRP Ad Hoc advisement to secure funds and be the fiscal lead to initiate this new Russian River pilot.
-

XIII NCRP Proposition 1 Round 1 Implementation Funding: Priority Project Selection

Background:

During the NCRP Meeting in January 2018, the PRP formed a NCRP Proposition 1 IRWM Round 1 Implementation Funding Solicitation Ad Hoc Committee comprised of TPRC Co-Chairs, other PRP & TPRC member volunteers and staff to develop NCRP Proposition 1 IRWM Round 1 Implementation process, guidelines and solicitation materials for review and consideration by the PRP. During the April and October 2018 NCRP Quarterly meetings the PRP adopted the ad hoc committee's overarching recommendation to allow for the commencement of the NCRP 2018/19 Project Solicitation and development of a regional NCRP Proposition 1 Round 1 IRWM Regional Grant Application. The approval also included a provision to allow staff to alter the draft solicitation materials with input from the NCRP Proposition 1 Implementation Ad Hoc Committee to comply with the Draft and Final Proposal Solicitation Package (PSP) when released by the California Department of Water Resources (DWR) on October 5th and Final PSPs to be released by DWR mid-2019. Following is the general schedule for the solicitation and regional grant development.

- November 29 – March 15: NCRP 2018/19 Project Proposal Solicitation
- January 14 – 18: Informational & Assistance Workshops held throughout the North Coast Region
- March 15, 2019: NCRP 2018/19 Project Proposals due
- March 18 – April 17: TPRC Project Implementation Proposal review
- April 18 & 19: TPRC Project Review meeting
- April 26: NCRP PRP & TPRC Meeting for final Project Selection
- July 2019 (tentative): NCRP Regional Project Application due to DWR

On March 15, the NCRP received 36 [NCRP 2019 Proposition 1 IRWM Project Proposals](#) in response to the NCRP Project Solicitation for a total request of \$35.5 million. The TPRC met in Eureka on April 18 & 19 to discuss the project proposals and select a draft suite of NCRP Priority Projects. Following is the draft suite of projects and recommended budget amounts for PRP consideration and a list of recommended contingencies should a project drop out of the suite of projects for any reason. See Appendix C for a brief description of all submitted projects.

Draft NCRP 2019 Proposition 1 IRWM Priority Projects

| ID | Final Score | Organization Name, Project Name | County /Tribal | DAC | SDAC | Benefit Tribe | Project Type | Project Cost (Total Budget) | Non-State Match | IRWM Request | TPRC Recommend Budget |
|----|-------------|---|----------------|---------|---------|---------------|--------------|-----------------------------|-----------------|--------------|-----------------------|
| 26 | 80.66 | Sanctuary Forest Inc., Drought and Emergency Water Project | Humboldt | y | y | n | green | \$653,711 | \$95,210 | \$558,501 | \$558,501 |
| 18 | 78.46 | Lewiston Community Services District, Water Distribution System Replacement | Trinity | y | y | n | grey | \$2,380,725 | \$1,188,200 | \$1,192,525 | \$1,073,273 |
| 17 | 75.85 | Humboldt Bay Municipal Water District, Ranney Collector 2 Rehabilitation Project | Humboldt | partial | partial | partial | grey | \$3,705,750 | \$3,105,750 | \$600,000 | \$600,000 |
| 19 | 74.07 | Mattole Restoration Council, Carbon Sequest Lower Mattole River and Estuary Enhancement Project Phase II | Humboldt | y | n | n | green | \$919,965 | \$263,800 | \$656,165 | \$656,165 |
| 35 | 73.88 | Yurok Tribe, Upgrading Critical Infrastructure to Support Resource Recovery in the Blue Creek Sanctuary | Tribal | y | y | y | green | \$938,806 | \$1,538 | \$937,268 | \$937,268 |
| 13 | 73.38 | Fieldbrook Glendale Community Services District, Water Tank Seismic Retrofit Project | Humboldt | n | n | n | grey | \$1,258,970 | \$944,226 | \$314,744 | \$314,744 |
| 3 | 73.09 | Briceland Community Services District, Water Supply Enhancement Project | Humboldt | y | y | n | grey | \$1,435,500 | \$0 | \$1,435,500 | \$1,076,625 |
| 10 | 73.05 | Eel River Watershed Improvement Group, Kenny Creek Instream Habitat Enhancement | Mendocino | y | y | n | green | \$224,687 | \$46,830 | \$176,077 | \$176,077 |
| 28 | 72.72 | Scott River Watershed Council, Scott River Headwaters Forest Health, Fire Safety, and Water Quality Improvement Project | Siskiyou | y | n | partial | green | \$1,158,864 | \$424,957 | \$843,160 | \$632,370 |
| 34 | 71.79 | Watershed Research and Training Center, South Fork Trinity River, Spring Run Chinook Salmon Restoration Project, Phase II | Trinity | y | y | n | green | \$1,192,927 | \$82,934 | \$1,109,993 | \$832,495 |
| 12 | 71.02 | City of Ferndale, California Street Sewer Replacement | Humboldt | y | partial | n | grey | \$326,750 | \$0 | \$326,750 | \$326,750 |
| 24 | 70.27 | Pacific Reefs Water District, Water Tank Replacement Project | Mendocino | y | n | n | grey | \$386,274 | \$0 | \$386,274 | \$386,274 |
| 2 | 69.95 | Blue Lake Rancheria, Water Storage Project | Tribal | y | n | y | grey | \$764,170 | \$0 | \$764,170 | \$382,085 |
| 29 | 69.82 | Smith River Community Services District, Water System Emergency Generator Project | Del Norte | y | n | partial | grey | \$1,192,445 | \$870,000 | \$322,445 | \$322,445 |
| 16 | 69.78 | Gold Ridge Resource Conservation District, Rainwater Catchment Rebate and Streamflow Enhancement Pilot Project | Sonoma | partial | partial | partial | grey | \$1,168,491 | \$584,245 | \$584,245 | \$420,324 |

| ID | Final Score | Organization Name, Project Name | County /Tribal | DAC | SDAC | Benefit Tribe | Project Type | Project Cost (Total Budget) | Non-State Match | IRWM Request | TPRC Recommend Budget |
|----|-------------|---|----------------|---------|---------|---------------|--------------|-----------------------------|-----------------|--------------|-----------------------|
| 33 | 69.54 | City of Willits, Improving Willits Water Supply Reliability and Drought Resiliency with Groundwater and Conjunctive Use | Mendocino | partial | partial | y | grey | \$1,102,312 | \$0 | \$1,102,312 | \$551,156 |
| 6 | 69.44 | Covelo Community Services District, Collection System and Wastewater Treatment Plant Improvements | Mendocino | y | y | n | grey | \$2,412,746 | \$0 | \$2,412,746 | \$750,000 |
| 32 | 68.3 | Weaverville Sanitary District, Sewer Improvements Project | Trinity | y | y | n | grey | \$1,382,000 | \$0 | \$1,382,000 | \$691,000 |
| 7 | 67.52 | County Service Area No. 1, Onsite Emergency Power Supply for Sanitary Sewer Lift Stations | Del Norte | y | partial | partial | grey | \$1,076,855 | \$0 | \$1,076,855 | \$807,641 |
| 23 | 67.3 | Newell County Water District, Water System Improvements Project | Modoc | y | y | n | grey | \$1,846,426 | \$0 | \$1,846,426 | \$461,607 |
| | | Total Amt for Implementation Projects | | | | | | \$25,528,374 | \$7,607,690 | \$18,028,157 | \$11,956,800 |
| | | Humboldt County Admin - up to 6% | | | | | | | | | \$763,200 |
| | | Total NCRP Funding for Round 1 | | | | | | | | | \$12,720,000 |
| | | | | | | | | | | | |
| 31 | 67.15 | Contingency project: City of Trinidad, Trinidad-Westhaven Community Water Reliability, Security and Enhancement Project | Humboldt | y | n | partial | grey | \$1,494,209 | \$0 | \$1,494,209 | \$831,389 |

TPRC Recommended Contingencies:

1. To fund the City of Trinidad, Trinidad-Westhaven Community Water Reliability, Security and Enhancement Project up to the amount of \$831,389 should a Priority Project drop out of the NCRP 2019 Proposition 1 IRWM Regional Grant application prior to submittal of the application to DWR (summer 2019).
2. Should a project drop out of the NCRP 2019 Proposition 1 IRWM Regional Grant after the grant is submitted to DWR, but prior to the NCRP Proposition 1 IRWM Round 2 TPRC Project Review Meeting, the funding will be rolled into the Round 2 funding pot.
3. Should a project drop out of the NCRP 2019 Proposition 1 IRWM Regional Grant after the NCRP Proposition 1 IRWM Round 2 TPRC Project Review Meeting, the funding will be reallocated per the policy approved by the PRP in 2018 entitled Project Budget Under-Runs and Funding Reallocation Process (see Attachment B, NCRP Policies, Policy V).

XIV Updates

ii. Regional Administrator & Project Implementation Update: Humboldt County Integrated Regional Water Management (IRWM) Implementation Projects

| Prop. 84 Round | Total Projects | Grant Amount | Amount Invoiced | % Complete | Projects Complete at End of Year (estimated for 2017, 2018, 2019, 2020) | | | |
|-----------------------|----------------|-----------------------|---|------------|--|-----------|-----------|-----------|
| | | | | | 2017 | 2018 | 2019 | 2020 |
| <i>Round 1 (2013)</i> | 18 | \$8.2 million | \$7.4 million | 95% | 10 | 18 | 18 | 18 |
| <i>Round 2 (2014)</i> | 12 | \$5.4 million | \$5.0 million | 95% | 7 | 9 | 12 | 12 |
| <i>Drought (2015)</i> | 11 | \$8.7 million | \$5.5 million | 64% | 3 | 7 | 11 | 11 |
| <i>Final (2016)</i> | 25 | \$11.0 million | \$6.1 million** | 55% | 6 | 10 | 21 | 25 |
| Totals | 66 | \$33.3 million | | | 26 | 44 | 62 | 66 |
| | | | **Included \$1.1 million advanced payment | | | | | |

Notes

- Humboldt County staff continues to work closely with Eric Martinez, the grant manager for Department of Water Resources (DWR), to maintain timely processing of grant deliverables. Turn-around time for reimbursement payments to local project sponsors continues to be variable and some delays have been experienced. The Humboldt/DWR administrative team is working to make targeted improvements to stabilize the payment process. It is understood that timely payments are essential to avoid financial hardships for local project sponsors, and every effort is being made to avoid delays. We welcome ideas or useful information on this matter or other issues, and we are available to discuss suggestions or concerns regarding our work on behalf of the North Coast Resource Partnership.
- Prop 84 Round 1 has closed, and the final report is being prepared. The 18 projects supported by this round of funding provided equitable geographic representation throughout the region and were sponsored by a diverse group of agencies and organizations including Tribes, water and wastewater service districts, municipalities, watershed groups, and resource conservation districts.
- Prop 84 Round 2 will be closed after June 30, 2019. There are three local project sponsors working to complete their projects during these last few months; Big Rock Community Services

District, the County of Siskiyou, and the Yurok Tribe. These projects required a time extension to expand their scopes of work, increasing the benefits and goals of the projects, and are now on target for completion by the new deadline.

- The Prop. 84 Drought Round completion deadline will be extended from June 30, 2019 to at least September 30, 2019. This will allow for a more robust closeout process and ensure that the highest quality final reporting and invoicing can be completed.

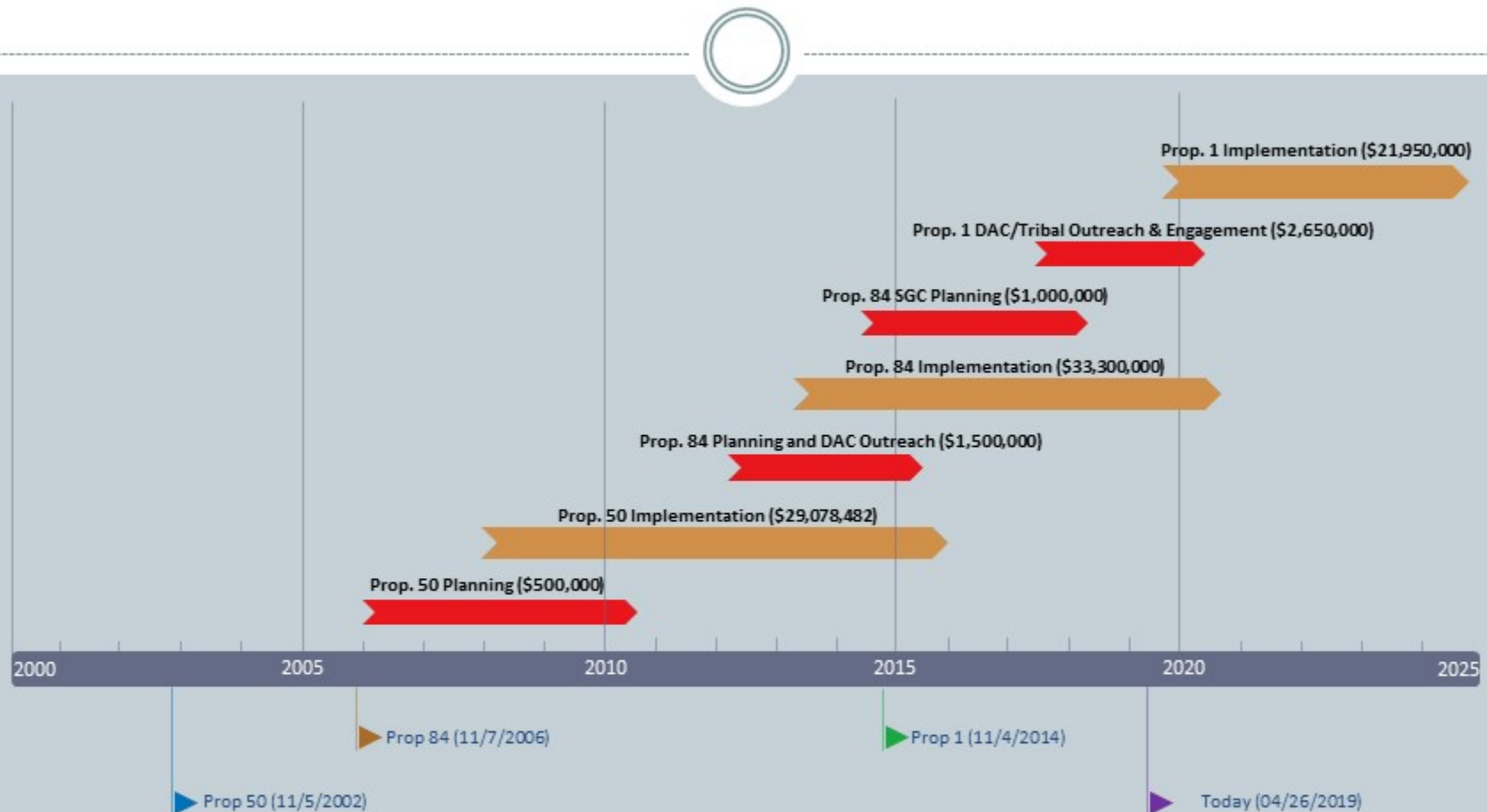
Planning Projects

| Title and Funding Source | Grant Term | Status | Grant Amount |
|---|--------------------------|---------------|---------------------|
| <i>North Coast Resource Partnership Outreach & Involvement: Tribal Engagement & Economic Opportunity for Disadvantaged Communities (DACTI)</i> Dept. of Water Resources, Proposition 1 | April 2017 to April 2020 | In progress | \$2.65 million |

Notes

- The Tribal Engagement & Economic Opportunity for Disadvantaged Communities project aims to continue, expand and improve Tribal and disadvantaged community engagement in the NCRP and the Integrated Regional Water Management program. West Coast Watershed and the California Environmental Indian Alliance continue to work closely with the Humboldt County Admin Team to implement this project. A significant milestone has been reached with the administration of the project solicitation process for Proposition 1, Round 1 Implementation funding. Based on lessons learned from the first phase of this project, the balance of the allocated funding is being rescope for phase 2. By the end of April, all advance payment funding is projected to be spent and we will switch to reimbursement invoicing. Grant administration has been smooth and the DWR IRWM grant manager has been responsive and helpful. A more detailed report on project progress is provided in the meeting materials for item iv. in Agenda Item XV: Informational Updates.
- The California Natural Resources Agency (CNRA) has recommended the NCRP for a Regional Forest and Fire Capacity Program Block Grant in the amount of \$4,037,500. The block grant is intended to support regional planning for priority fire resiliency opportunities, pre-project planning and permitting, project demonstration, and outreach and education across the region. If these funds are accepted by the NCRP and Humboldt County is authorized to continue as the regional administrator, implementation of this project could begin as soon as May 2019.

Integrated Regional Water Management (IRWM) Grant Timeline



Implementation Project Grants (Total: \$84,300,000)
 Planning Grants (Total: \$5,650,000)

DAC – Disadvantaged Community
 SGC – Strategic Growth Council



Contacts

| Name | Contact Information | NCRP Admin Role |
|--|--|---|
| Hank Seemann, Deputy-Director | hseemann@co.humboldt.ca.us | Program Management |
| Cybelle Immitt, Natural Resources Planning Manager | cimmitt@co.humboldt.ca.us | Planning Projects and Program Oversight |
| Lauren Rowan, Environmental Analyst | lrowan@co.humboldt.ca.us | Prop. 84 Final Round |
| Denise Monday, Environmental Analyst | dmonday@co.humboldt.ca.us | Prop. 84 Round 2 and Prop 84 Drought |

Please Note: Devin Theobald is transferring to a new role at Humboldt County Public Works after many years of valuable service to the NCRP and IRWM Program. Grant administrator duties for the Prop. 84 Drought Round are being transferred to the capable hands of Denise Monday. Please join us in saying thank you to Devin for his contributions to NCRP. We wish him success in his new role.

iii. Notable Legislation

Bills to Watch

[SB 515](#) (**[Caballero D](#)**) California Renewables Portfolio Standard Program: bioenergy renewable feed-in tariff.

Current Text: Amended: 4/8/2019 [html](#) [pdf](#)

Status: 4/22/19 hearing, Senate Natural Resources & Water

Summary: Pursuant to current law, the Public Utilities Commission has adopted resolutions establishing fuel or feedstock procurement requirements for generation from bioenergy projects intended to reduce wildfire risks that are applicable to the state's 3 largest electrical corporations. This bill would expand the fuels and feedstocks that are eligible to meet these wildfire risk reduction fuel and feedstock requirements to include biomass diverted from specified higher fire-risk zones.

Bonds

[SB 45](#) (**[Allen D](#)**) Wildfire, Drought, and Flood Protection Bond Act of 2020.

Current Text: Amended: 4/4/2019 [html](#) [pdf](#)

Status: 4/24/19 hearing, Senate Com. Governance & Finance.

Summary: Would enact the Wildfire, Drought, and Flood Protection Bond Act of 2020, which, if approved by the voters, would authorize the issuance of bonds in the amount of \$4,300,000,000

pursuant to the State General Obligation Bond Law to finance projects to restore fire damaged areas, reduce wildfire risk, create healthy forest and watersheds, reduce climate impacts on urban areas and vulnerable populations, protect water supply and water quality, protect rivers, lakes, and streams, reduce flood risk, protect fish and wildlife from climate impacts, improve climate resilience of agricultural lands, and protect coastal lands and resources.

Energy

AB 56 **(Garcia, Eduardo D) California Clean Electricity Authority**

Current Text: Amended: 4/12/2019 [html](#) [pdf](#)

Status: 4/22/2019 hearing, Assembly Com Natural Resources.

Summary: Would authorize the Public Utilities Commission (PUC) and the State Energy Resources Conservation and Development Commission (Energy Commission) to jointly establish the California Clean Electricity Authority, a nonprofit, public benefit corporation, if both commissions make certain findings. The bill would authorize the authority to undertake procurement of electricity on behalf of retail end-use customers of electrical corporations, community choice aggregators, and electric service providers, collectively referred to as load-serving entities, and local publicly owned electric utilities, in support of certain energy, environmental, economic, public health, and public safety policy objectives.

SB 350 **(Hertzberg D) Electricity: resource adequacy: multiyear centralized resource adequacy mechanism.**

Current Text: Introduced: 2/19/2019 [html](#) [pdf](#)

Status: 4/22/19 hearing, Senate Appropriations.

Summary: Would authorize the Public Utilities Commission to consider a multiyear centralized resource adequacy mechanism, among other options, to most efficiently and equitably meet specified resource adequacy objectives.

Forest Management

AB 38 **(Wood D) Fire safety: State Wildfire Preparedness Board: Fire Hardened Homes Revolving Loan Fund.**

Current Text: Amended: 4/11/2019 [html](#) [pdf](#)

Status: 4/22/2019-hearing Assembly Natural Resources.

Summary: Would establish the State Wildfire Preparedness Board, consisting of specified members, and would prescribe the responsibilities of the state board with regard to the state's fire preparedness. The bill would divide the state's very high fire hazard severity zones into 18 regional wildfire prevention districts, which are advisory bodies to the State Wildfire Preparedness Board, as provided. The bill would prescribe the duties of the districts, including,

among others, the promotion, organization, and support for the implementation of regional community fire evacuation drills.

[AB 1516](#) (Friedman D) Fire prevention: defensible space and fuels reduction management.

Current Text: Amended: 4/11/2019 [html](#) [pdf](#)

Status: 4/24/19-hearing Assembly Utilities & Energy.

Summary: Current law requires that a person who owns, leases, controls, operates, or maintains an occupied dwelling or structure in, upon, or adjoining a mountainous area, forest-covered land, brush-covered land, grass-covered land, or land that is covered with flammable material that is within a very high fire hazard severity zone, as designated by a local agency, or a building or structure in, upon, or adjoining those areas or lands within a state responsibility area, to maintain a defensible space of 100 feet from each side and from the front and rear of the structure, as specified. A repeated violation within a specified timeframe of those requirements is a crime. This bill would require a person described above to utilize more intense fuel reductions between 5 and 30 feet around the structure, and to create a noncombustible zone within 5 feet of the structure.

Water Tax/Fee

[AB 217](#) (Garcia, Eduardo D) Safe Drinking Water for All Act.

Current Text: Amended: 3/28/2019 [html](#)

[pdf](#) **Status:** 4/1/2019-Re-referred to
Com. on APPR.

Summary: Would enact the Safe Drinking Water for All Act and would establish the Safe and Affordable Drinking Water Fund in the State Treasury and would provide that moneys in the fund are continuously appropriated to the board to provide a source of funding to secure access to safe drinking water for all Californians, while also ensuring the long-term sustainability of drinking water service and infrastructure.

[SB 200](#) (Monning D) Safe and Affordable Drinking Water Fund.

Current Text: Amended:

3/11/2019 [html](#) [pdf](#) **Status:**
4/23/2019-hearing Sen NR &
Water

Summary: Would establish the Safe and Affordable Drinking Water Fund in the State Treasury and would provide that moneys in the fund are continuously appropriated to the State Water Resources Control Board. The bill would require the board to administer the fund to provide a stable source of funding to secure access to safe drinking water for all Californians, while also ensuring the long-term sustainability of drinking water service and infrastructure. The bill would authorize the board to provide for the deposit into the fund of federal contributions, voluntary contributions, gifts, grants, and bequests. The bill would require the board to expend moneys in the fund for grants, loans, contracts, or services to assist eligible applicants with projects relating to the provision of safe and affordable drinking water.

[SB 669](#)

([Caballero](#) D) Water quality: Safe Drinking Water Fund.

Current Text: Introduced: 2/22/2019 [html](#) [pdf](#)

Status: 4/23/2019- hearing Senate Governmental Organization

Summary: Would establish the Safe Drinking Water Fund in the State Treasury and would provide that moneys in the fund are continuously appropriated to the State Water Resources Control Board. The bill would require the state board to administer the fund to assist community water systems in disadvantaged communities that are chronically noncompliant relative to the federal and state drinking water standards and do not have the financial capacity to pay for operation and maintenance costs to comply with those standards, as specified.

Watershed Health

[AB 933](#)

([Petrie-Norris](#) D) Ecosystem resilience: watershed protection: watershed coordinators.

Current Text: Amended: 4/1/2019 [html](#) [pdf](#)

Status: 4/9/2019-From committee: Do pass and re-refer to Com. on APPR. with recommendation: To Consent Calendar. (Ayes 11. Noes 0.) (April 8). Re-referred to Com. on APPR.

Location: 4/8/2019-A. APPR.

Summary: Would authorize the Department of Conservation, to the extent funds are available, to establish and administer the Ecosystem Resilience Program to fund watershed coordinator positions, and other necessary costs, throughout the state for the purpose of achieving specified goals, including the goal of developing and implementing watershed improvement plans aligned with multiple statewide and regional objectives across distinct bioregions. The bill would authorize the department to develop performance measures and accountability controls to track progress and outcomes.

Use links to track amendments and status.

iv. NCRP Disadvantaged Community and Tribal Outreach & Involvement Program

PROGRAM VISION: In keeping with North Coast Resource Partnership (NCRP) Goals & Objectives and building on past initiatives, this Program aims to continue, expand and improve Tribal and disadvantaged community¹ engagement with the NCRP and the Integrated Regional Water Management program.

¹ *Disadvantaged Communities Definitions:*

- *Disadvantaged Community (DAC):* Census tract, block or place with an annual median household income (MHI) that is less than 80% of the statewide MHI (North Coast – 89%)

PROGRAM STATUS UPDATE

NCRP Quarterly Meeting Planning

- Meetings with NCRP staff and leadership were held to develop agenda and meeting materials
- Outreach to meeting presenters and participants; follow up communication and panel coordination

Water and Wastewater Services Needs Assessment Survey

- Completed 2018 Needs Assessment collecting information from 54% of the 207 water and wastewater service providers serving disadvantaged communities in the North Coast region
- Developed a draft survey summary
- Tribal Water and Wastewater Services Needs Assessment ongoing

Technical Assistance

- The NCRP 2014 & 2018 needs assessment data and state compliance data was compiled for analysis and ranking based on the NCRP Disadvantaged Community Technical Assistance Selection Process approved by the NCRP PRP in January 2018. This process will direct the selection of entities to receive technical assistance in the first of two rounds of technical assistance to be provided by the NCRP.
- Meetings were held with State representatives to discuss the process and get input regarding regional need.
- Data analysis also identified capacity building and training needs for assistance in 2019
- The Ad Hoc committee met to finalize the Round 1 Technical Assistance list which included 14 water infrastructure projects and 7 wastewater projects
- Technical assistance entities were contacted and site visits conducted to identify specific project needs and develop scope of work. Direct engineering technical assistance
- Local engineering firms (GHD, PACE, LACO) provided direct engineering technical assistance. A total of 8 entities submitted grant proposals for the NCRP Proposition 1, Round 1 IRWM Project Solicitation

-
- Severely Disadvantaged Community (SDAC): Census tract, block, place w/annual MHI <60% of state MHI (NC – 57%)
 - Economically Distressed Area: a rural county or municipality w/ population of < 20,000 with an annual MHI <85% of statewide MHI, & one of following:
 - Financial hardship
 - Unemployment rate 2% higher than the statewide average
 - Low population density
 - Under-represented Community: Tribes have been historically under-represented in local and State water management and planning efforts

NCRP Proposition 1, Round 1 IRWM Project Solicitation

- Proposition 1 Implementation Ad Hoc Committee developed the final process guidelines and solicitation materials and announced the solicitation in late November
- In January a total of 8 Informational & Assistance Workshops were held throughout the North Coast region with over 90 stakeholders participating in person or via webcast
- FAQs, application instructions and Tribal specific approaches were developed to provide information for the solicitation webpage
- Developed a team of technical assistance providers for one-on-one help with application development and minor project development assistance. The team comprised of retired engineers, TPRC alumni, and CSD staff with local experience. The team provided valuable assistance to a majority of grant applicants.
- On March 15, the NCRP received 36 project proposals in response to the NCRP 2019 Proposition 1 IRWM Project Solicitation for a total request of \$35.5 million.
- The TPRC met in Eureka on April 18 & 19 to discuss the project proposals and select a draft suite of NCRP Priority Projects to be presented to the PRP during the NCRP Quarterly Meeting on April 26, in Yreka.

NCRP Outreach

- The NCRP partnered with UC Berkeley, Cal OES, OPR to coordinate the Climate Science Symposium for the North Coast in December, 2018. This public workshop shared findings from the Fourth Assessment and provided an opportunity for interactive dialogue and information sharing to support local climate change action.
- NCRP web content was updated including regional and local news items, calendar events, and funding opportunities.
- The NCRP library of spatial data was made available for download as ESRI map packages organized by content themes
- Subcontractors worked on locally important outreach efforts: regarding the highly contentious water quality threat of failing septic systems in the economically disadvantaged communities of the lower Russian River; and to provide information to legal cannabis producers regarding water conservation, beneficial rural road maintenance practices and proper use and disposal of toxic materials
- The NCRP Community Tool Box is in the process of being updated and a web-friendly toolbox will be released in May
- Tribal community outreach ongoing

NCRP Plan Update

- NCRP GIS data catalog and NCRP Plan maps have been updated
- NCRP/NCIRWM Plan sections have been updated to comply with the 2016 IRWM Plan Standards
- Staff and Tribal representatives conducting internal review and editing

iv. Executive Committee, PRP direction and staff action

NCRP Executive Committee Comment & Support Letters

In March, the NCRP Executive Committee submitted a comment letter regarding [SB-45 Wildfire, Drought and Flood Protection](#) expressing support for the watershed, forest resiliency and fuel load reduction elements in the bill and requesting the inclusion of language requiring or at least incentivizing agencies to allocate this funding via block grants. The letter was sent to Senator Ben Allen, Senator Mike McGuire, Assemblymember Brian Dahle, Assemblymember Jim Wood, Assemblymember Cecilia Aguiar-Curry and Conservation Strategy Group.

In February, the NCRP Executive Committee submitted a support letter to California Natural Resources Agency for the Regional Forest and Fire Capacity Program. The letter was also sent to the Department of Conservation and was copied to Senator Mike McGuire, Assemblymember Brian Dahle and Assemblymember Jim Wood.

In February, the NCRP Executive Committee submitted submit a letter of support for the *North Coast Watersheds Forest Health Coordinator Area A* grant proposal being submitted by seven Resource Conservation Districts: Humboldt County Resource Conservation District, Mendocino County Resource Conservation District, Lake County Resource Conservation District, Napa County Resource Conservation District, Sonoma Resource Conservation District, Gold Ridge Resource Conservation District and Marin Resource Conservation District. The letter was submitted to the Department of Conservation Division of Land Resource Protection.

Conference and Meeting Participation

- The NCRP partnered with UC Berkeley, Cal OES, OPR to coordinate the Climate Science Symposium for the North Coast in December, 2018. This public workshop shared findings from the Fourth Assessment and provided an opportunity for interactive dialogue and information sharing to support local climate change action. Leaf Hillman, NCRP Vice-chair and Hank Seemann provided a presentation titled NCRP: Data, Science and Policy for Climate Action
- Alliance of Regional Collaboratives for Climate Adaptation (ARCCA) meeting on March 29
- NCRP Executive committee, met on April 22
- Northern Region Prioritization Group workshop, March 27 to develop priorities for projects within the Northern region, identify gaps in the region, and identify ways to facilitate additional projects, or find out if there are any issues that are hindering projects.

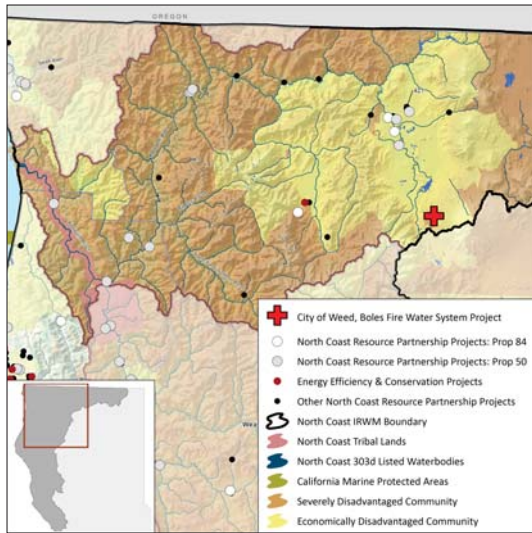


ATTACHMENT A

Boles Fire Water System Rehabilitation and Restoration Project

Boles Fire Water System Rehabilitation/ Water System Restoration

CITY OF WEED



COMPLETION DATE

December 31, 2016

STATEMENT OF THE PROBLEM

In September 2014, the Boles Fire ripped through the City of Weed, destroying 128 homes, two churches, a portion of Weed Elementary School and numerous secondary buildings. One of the areas hit the hardest was the Angel Valley area, where 60 homes were lost. Many of the water mains in this area are undersized and run through alleys. It is desirable to abandon the undersized, old steel water mains and install new PVC water mains in the streets where they are more accessible, and where water meters can be more easily accessed.

PROJECT GOALS

- Water supply reliability
- Infrastructure repair and replacement
- Improved economic vitality for a Disadvantaged Community

THE SOLUTION

The proposed project consists of installing approximately 5,000 linear feet of 6- and 8-inch water mains, including valves and appurtenances and nine fire hydrants.

PROJECT IMPLEMENTATION AND ACCOMPLISHMENTS

The project has been successfully completed with final reports forthcoming.

PROJECT BUDGET

IRWM funds: \$ 1,299,000

TOTAL \$ 1,299,000

BENEFITS

Economic benefits

- Approximately \$16,940 per year in increased municipal water supply
- An estimated \$15 million every 15–20 years in improved fire protection based on historic fire frequency. This frequency is likely an underestimate given changing climate trends, which are expected to lead to increased fire frequency
- Approximately \$1 million in avoided water supply costs
- Approximately \$15,000 in avoided costs associated with emergency leak repairs
- Reduced pumping and treatment costs of about \$8,300 per year

Water Supply

- Approximately 280 acre-feet per year of water in increased water supply due to infrastructure repair

Cultural benefits

- By improving water supply reliability and fire protection, this project adds to community resiliency to climate change and improves capacity to respond to catastrophic emergencies

Jobs and Local Economic Benefits

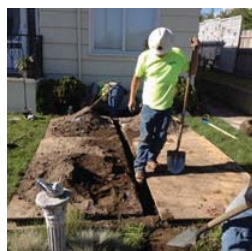
- Over \$1 million spent locally using local supplies and labor when possible
- About six temporary jobs were created

NEXT STEPS

The City of Weed will record the location of each new fire hydrant and perform fire hydrant flow tests after the new improvements have been installed. The City of Weed will continue to repair or replace aging infrastructure and implement water conservation measures to bolster community resiliency and rebuild community cohesiveness.

CONTACT

Craig Sharp
Public Works Director
Sharp@ci.Weed.ca.us
530.938.5028



NORTH COAST RESOURCE PARTNERSHIP



ATTACHMENT B

NCRP 2019 POLICIES



NCRP POLICIES, 2019

[final NCRP Policies will be provided as an Appendix in the NCRP Handbook]

Background

The North Coast Resource Partnership (NCRP) is led by a Policy Review Panel (PRP) comprised of voting members from North Coast Tribes and counties. The PRP is the governance and decision-making body for the NCRP, and sets policy on a regular basis to provide direction to the NCRP Technical Peer Review Committee (TPRC) and NCRP staff. The NCRP has a strong focus on transparent decision making and regional equity, and seeks to share and disseminate its policies and processes so that stakeholders in the North Coast region have a clear understanding of the decision-making process that is used by the NCRP. The policies and processes of the NCRP are regularly reviewed and updated by the PRP based on new information and the needs and opportunities facing the NCRP and the North Coast region. Approved policy updates are included and/or referenced in the NCRP Handbook.

I. MEMORANDUM OF MUTUAL UNDERSTANDINGS, 2010

The Memorandum of Mutual Understandings (MoMU) developed in 2004 and updated in 2010, defined the purpose, general goals, definitions and mutual understandings of North Coast agencies towards developing a North Coast Integrated Regional Water Management Plan² and planning process to increase regional coordination and collaboration to obtain funding for water-related projects. The MoMU, delineated the North Coast boundary and described the roles, composition and decision-making process of the Policy Review Panel (PRP) and Technical Peer Review Committee (TPRC). The 2010 MoMU established adherence to the Ralph M. Brown Act and outlined the Tribal Representation Process. A copy of the MoMU can be found in the NCRP Handbook, Appendix E.

² The North Coast Integrated Regional Water Management Plan was the original name of the North Coast Resource Partnership.

II. NCRP STRUCTURE, ROLES, RESPONSIBILITIES, STAFFING, 2011 - current

During the July 2011 NCRP Meeting the PRP adopted the [NCRP Handbook](#) that described the roles and responsibilities of the project team: PRP as decision-making body, TPRC providing technical review and advice, Humboldt County as contract administrator & overseeing project implementation, and SCWA providing ongoing support & direction for planning & fund development. The PRP established the Executive Committee comprised of the Policy Review Panel Chair, Vice-Chair, a third member nominated and approved by the PRP and a fourth member nominated by the Tribal representatives and approved by the PRP. Additionally, the PRP allowed the formation of Ad Hoc Committees on an as needed basis to address a short duration issue or topic. The NCRP Handbook has been updated on an annual basis and includes detailed descriptions of the NCRP roles and election processes.

III. NCRP PROJECT REVIEW AND SELECTION PROCESS GUIDELINES, ongoing

The [NCRP Project Review and Selection Process Guidelines](#) standardize the process steps and guidelines developed by the NCRP PRP and utilized by the PRP and TPRC to identify, rank, and select priority projects to implement the NCRP Plan. The NCRP Project Review and Selection Process Guidelines are subject to continual review and refinement per recommendations of the PRP, TPRC, NCRP staff, and the current Grant Program Guidelines and solicitation requirements.

IV. NCRP PROPOSITION 1 IMPLEMENTATION CONTRACT ADMIN FUNDING, 2018

Since 2006, 5% of each grant award has been allocated to the County of Humboldt for the costs of grant administration. During the April 2018 NCRP meeting the Policy Review Panel authorized an allocation of up to 6% for grant administration, for the Proposition 1 implementation project grant funding. The actual proposed administration percentage (up to 6%) will be determined by the County after the projects are selected, but before the funding application is submitted to DWR, based on the total number of projects, the number of first-time subgrantees, an assessment of the administrative workload needed to satisfy the IRWM program requirements, and an estimate of projected costs.

V. PROJECT BUDGET UNDER-RUNS AND FUNDING REALLOCATION PROCESS, 2018

Background: In some cases, a NCRP implementation project may complete under budget or otherwise not expend their entire grant allotment. Typically, the funding agencies have allowed reallocation of available funds to another project *within the suite* of projects included in the grant agreement. Reallocation of funding after a grant agreement is executed may be necessary for a variety of reasons. Potential scenarios include: when a project is completed under-budget; or when a sub-grantee elects not to implement their approved project, or is determined to be substantially out of compliance with

the sub-grantee agreement. Another potential scenario is the availability of excess funds from the grant administration budget category. With concurrence from DWR, the NCRP allows reallocation of funds to another project within *the existing suite* of projects to supplement budget short-falls and/or expand the current scope of work to increase the project benefits. Funds will not be reallocated to a project not included within the existing suite of projects. NCRP staff will have the discretion to determine if a portion of the reallocation is necessary to supplement the grant administration budget.

NCRP Project Funding Reallocation Process

1. For amounts less than \$50,000, NCRP staff will use discretion to reallocate the funds to an eligible project within the existing suite of projects with a priority for:
 - a. Supplementing budget short-falls.
 - b. Supplementing a project that received less than their requested amount during the original selection process.
2. For amounts greater than \$50,000, project funding reallocation will occur, to the greatest extent feasible, within the County or Tribal region where the original project is located and is within *the existing suite* of projects in the grant agreement. PRP members from the County or Tribal region, where the original project is located, will determine which projects receive reallocation and the amount of funding.
 - a. If the original funds are from a non-Tribal project, they will be made available to another project within the existing suite of projects in the county where the original project was located. The PRP members representing that County will determine which projects receive reallocation and the amount of funding.
 - b. If the original funds are from a Tribal project, the funds will be made available to another project within the existing suite of projects in the Tribal region where the original project was located. The PRP member representing that Tribal region will determine which projects receive reallocation and the amount of funding.
3. If the County or Tribal region of origin option is not available (i.e., no projects from the County or Tribal region of origin within the project suite need additional funding):
 - a. Staff will announce the availability of funds to project proponents within the grant agreement suite of projects; staff will solicit project requests and description of need from eligible project proponents
 - b. Staff will determine eligible projects
 - c. TPRC ad hoc committee will be formed via email or at NCRP meeting if timing allows
 - d. Ad hoc committee will develop criteria for project reallocation selection
 - e. Ad hoc committee will develop project reallocation option recommendations
 - f. PRP will review and approve recommendations at the next PRP meeting
 - g. TPRC ad hoc committee will be disbanded

VI. NCRP DISADVANTAGED COMMUNITY TECHNICAL ASSISTANCE SELECTION PROCESS, 2018

During the January 2018 NCRP meeting, the PRP adopted a process for selection of entities to receive technical assistance based on a Water and Wastewater Service Provider Needs Assessment in North Coast disadvantaged communities to better understand the capacity, training and project needs in the region. Technical Assistance for North Coast Tribes will be selected through a subsequent process led by the North Coast Tribal Representatives and the Tribal Engagement Coordinator. The technical assistance process is subject to review and refinement per recommendations of the PRP, TPRC, NCRP staff, and the current Grant Program Guidelines, technical assistance funding opportunities and requirements.

VII. ON-GOING PROJECT INCLUSION PROCESS INTO THE NCIRWM/NCRP PLAN, ~~2012~~updated 2019

Increasingly, funding opportunities for project implementation require or give preference to projects that are included in an IRWM Plan. Regardless if projects are being submitted during a regular IRWM project selection cycle or between regular cycles, each project must be first recommended by the TPRC and be approved by the PRP. The following process will provide a mechanism for including projects on an on-going basis into the NCRP IRWM Plan.

1. Project proponents will complete preliminary project information:
 - Project Name
 - Organization Name, Type & Contact information
 - Project location address
 - Funding Program names
 - Total project cost & Funding request
 - Start/End dates (tentative)
 - Alignment with NCRP IRWMP Objectives (selection boxes)
 - Project Summary & Goals
 - Project partners
 - Description of benefits (including if/how the project will benefit disadvantaged communities)
 - Project management strategies/ project elements (selection boxes)
2. Project proponent will submit a signed [Memorandum of Mutual Understandings \(MoMU\)](#) if one has not already been submitted.
3. Staff will review the project and follow-up with project proponents regarding any eligibility concerns (Urban Water Management Plan, Agricultural Water Management, Surface Water Diverter, Groundwater Management Plan, CASGEM/SGMA compliance, proponent type)
- ~~3.4.~~ Staff will submit the project to the NCRP Technical Peer Review Committee (TPRC) for 21 days of TPRC review.

5. The TPRC will review ~~and accept~~ eligible projects to ensure alignment with the NCRP Goals and Objectives and for technical comment.
- 4-6. Should the TPRC identify that the project is in alignment, the TPRC will recommend the project be provided to the PRP for approval at a NCRP Quarterly Meeting for review and comment. if the timing of the NCRP Quarterly Meeting does not align with the project deadline, it may be submitted by the TPRC to the Executive Committee for approval.
- 5-7. Staff will 'Publish' eligible NCRP Projects and project summaries will be included on the website; and staff will report to the PRP at a NCRP Quarterly Meeting
- 6-8. Additional project information will be required when NCRP funding solicitations and calls for proposals occur; NCRP project proponents will be allowed to edit preliminary project information.
- 7-9. NCRP Projects will be reviewed and scored by the TPRC if required by a respective funding solicitation; NCRP Priority Projects will be selected by the PRP. NCRP Priority Project proponents will need to adopt the NCRP ~~IRWM~~-Plan when completed ~~as~~ per the IRWM Guidelines.

VIII. NCRP POLICY ON EXTERNAL PLAN INTEGRATION, 2019

The NCRP engages in multi-objective integrated planning to achieve its regional goals and to guide local project implementation. The NCRP regularly reviews local, regional, state and federal planning documents, and where relevant, integrates or references data and information from these plans into updated NCRP plans as updated. NCRP data integration from local and statewide plans may include local Tribal, RCD or watershed plans, reports from business or academic partners, State plans focused on watershed and community health, sustainable groundwater management, and data and planning related to climate change. The NCRP has a history of synchronizing statewide planning priorities with local planning efforts, including Integrated Coastal Watershed Management Plans and Storm Water Resource Management Plans. Occasionally, the NCRP will be requested to fully integrate or ratify the recommendations from other planning processes, or to lend support to outreach and stakeholder engagement for planning processes not initiated by the NCRP. For the purposes of this policy discussion, plans that are not commissioned or executed by the NCRP will be called External Plans. The following section outlines the NCRP policy and process for addressing External Plans.

The NCRP process to a) incorporate or integrate External Plan recommendations, b) be referenced as supporting an External Plan – in part or in full, or c) engage with another planning process, is outlined below. When any variation on items a-c (above) are requested, NCRP staff will initiate the following:

- 1) NCRP staff will work with External Plan staff or plan proponents to determine the purpose of the External Plan, its potential relevance to the NCRP planning process, and alignment with NCRP goals, objectives, technical review and decision-making processes, and an approach to NCRP staff support, and stakeholder outreach and engagement.
- 2) The TPRC will be notified of the staff recommendations, and a 21-day comment period will be initiated for the TPRC to review, confirm alignment with the NCRP IRWM Goals and Objectives, and for their technical comment. Before the conclusion of the comment period, the TPRC Co-

chairs will coordinate with NCRP staff to provide the TPRC with the opportunity to meet in person or by phone to discuss the merits of the proposal.

- 3) NCRP staff will then bring the request and a staff recommendation to the NCRP Executive Committee for consideration. The Executive Committee will determine if the proposal should be brought forward during a regular quarterly meeting cycle, or if the proposal should be expedited between these cycles. Based on the time required for action the Executive Committee will also determine if the full PRP or the Executive Committee will make the final decision.
- 4) Any Local Plan project proponents seeking funding that requires project inclusion into an IRWM Plan will follow the steps outlined in the On-Going Project Inclusion Process into the NCRP IRWM Plan found in the NCRP Handbook.

VIII.IX. NCRP PLAN & STORM WATER RESOURCE PLAN INTEGRATION PROCESS, 2018

The development of Storm Water Management Plans satisfies the requirements of Senate Bill 985 and State Water Board SWRP Guidelines to establish eligibility for local agencies and organizations to receive future State Storm Water Grant implementation funds. The purpose of a SWRP is to integrate storm water management with other basic aspects of aquatic resource protection and overall water management including flood control, water supply, and habitat conservation.

The following process was approved by the PRP on January 20, 2018 to incorporate a SWRP into the NCRP Integrated Regional Water Management (IRWM) Plan.

1. The SWRP plan will include a summary of the NCRP IRWM Plan under the Existing Plans section.³
2. The SWRP Plan, Implementation Strategy and Scheduling of Projects section will include a discussion on how the SWRP will be incorporated into the NCRP IRWM Plan per the following steps.
 - The Public Draft SWRP will be provided to the NCRP Technical Peer Review Committee (TPRC) for review to ensure alignment with the NCRP IRWMP Goals and Objectives and for technical comment. The comment period will be 21 calendar days.
 - The Public Draft SWRP will be presented to the NCRP Policy Review Panel (PRP) at a NCRP Quarterly Meeting for review and comment. If timing of the NCRP Quarterly Meetings does not align with the SWRP finalization, the SWRP may be submitted to the PRP via email for review and comment.

³ An example description: The North Coast Resource Partnership (NCRP) Integrated Regional Water Management (IRWM) Plan provides a centralized and collaborative framework for addressing local, regional, and statewide water resource priorities. The NCRP IRWM Plan emphasizes the creation of a sustainable environmental and socio-economic framework for the North Coast, by engaging in integrated planning for water infrastructure and natural resources. Planning and project focus areas include the recovery of salmonid populations, enhancement of the beneficial uses of water, support for energy independence, climate adaptation, local autonomy and intra-regional cooperation. The NCRP IRWM Plan focuses on areas of common interest and concern to North Coast stakeholders and on attracting funding to the North Coast Region, and recognizes unique local solutions in different parts of the Region. The NCRP is comprised of the seven North Coast counties and Tribes within the NCRWQCB watershed boundary. The NCRP IRWM Plan is supported by over 100 agencies, special districts, Tribal organizations, non-governmental organizations, watershed groups, and other stakeholders.

- Any TPRC or PRP commentary will be considered and addressed prior to finalizing the SWRP with a “response to comments” memo.
- At a NCRP Quarterly Meeting, a copy of the Final SWRP and “response to comments” memo will be presented to the NCRP PRP for the final decision vote. If timing of the NCRP Quarterly Meetings does not align with the SWRP finalization, the SWRP may be submitted to the PRP via email for consideration at the next NCRP Quarterly Meeting. ⁴
- SWRP project proponents seeking funding that requires project inclusion into an IRWM Plan will follow the steps outlined in the On-Going Project Inclusion Process into the NCRP IRWM Plan.

X. NCRP PROCESS FOR EVALUATION OF FUNDING & LEGISLATIVE OPPORTUNITIES, 2019

The NCRP has been very successful in pursuing funding and influencing legislation to achieve the goals and objectives approved by the PRP. Typically, NCRP staff apprises the PRP and TPRC of funding and legislative opportunities at the NCRP quarterly meetings, and makes staff recommendations to the PRP related to these opportunities, whereby the PRP provide direction to staff and the Executive Committee regarding any approved actions on these opportunities. Formal authorization to accept a grant agreement is typically agendized at a NCRP quarterly meeting, and requires the approval of the Humboldt County Board of Supervisors, acting as the NCRP fiscal and contracts sponsor.

There are times when funding or legislative opportunities have a rapid turnaround, and in these cases the Executive Committee is authorized to direct and provide guidance to staff in order for the NCRP to pursue these opportunities. Actions that may be taken between quarterly meetings by the NCRP staff with guidance and review from the NCRP Executive Committee include:

- 1) Writing letters related to legislation or funding opportunities that are in support of NCRP Goals and Objectives and aligned with NCRP policies and previous PRP direction
- 2) Evaluating funding or legislative opportunities that are aligned with NCRP goals, objectives and policies, including attending meetings, engaging in discussions, and drafting preliminary concepts for legislator, agency or funder review
- 3) Prior to substantively proceeding on any funding or legislative opportunity, NCRP staff would receive approval from the Chair at a minimum, and would request approval from the full Executive Committee. Where relevant, TPRC co-chairs will be consulted and engaged.
- 4) NCRP meeting materials will include a summary of any actions taken by the Executive Committee and/or staff related to funding or legislative opportunities
- 5) A decision to formally support legislation would be voted on by the full PRP
- 6) A decision to formally submit a grant application would be voted on by the full PRP
- 7) A decision to accept grant funding would be voted on by the full PRP and approved by Humboldt County Board of Supervisors, acting as fiscal and contract sponsor for the NCRP.

⁴ The SWRP Guidelines note that for the purposes of receiving project funding, submittal of the SWRP to the IRWM group (for further incorporation into the existing IRWM plan) fulfils the requirement for “incorporation”.

- 8) Any funding request would honor the PRP approved approach to local autonomy – allowing Tribes or counties to opt out of any element of the funding request in which they do not wish to participate.
- 9) Funding requests or legislative input will predominantly focus on NCRP project implementation, but may also include stakeholder outreach and coordination, technical support for project proponents, data, analysis and planning, or enhanced funding for economically disadvantaged communities
- 10) The PRP may choose to form an Ad Hoc committee focused on funding and/or legislative opportunities – either for specific funding and/or legislative opportunities, or in service of developing more general funding and legislative strategies. An ad hoc committee will be created as needed, serve for a specified period of time, and be disbanded when no longer required. The ad hoc committee is intended to advise NCRP staff and make recommendations to the PRP, and may be comprised of PRP and TPRC members appointed by the PRP.
- 11) Refinements to this approach may be added at each NCRP quarterly meeting, and refined PRP direction may apply generally or to a specific legislative or funding opportunity.

XI. NONCOMPLIANCE POLICY, 2019

The County of Humboldt (COUNTY), in its role as the Regional Grant Administrator on behalf of the North Coast Resource Partnership (NCRP), aims to create an environment in which each Sub-Grantee can be successful. The COUNTY intends to actively assist Sub-Grantees in understanding and meeting the grant agreement requirements. However, it is the responsibility of the Sub-Grantee to comply with grant agreement terms and conditions, NCRP policies, and applicable laws and regulations. When errors or delays arise, the COUNTY will work with the Sub-Grantee to try to find solutions before they become compliance issues. However, when sufficient corrective actions are not taken by a Sub-Grantee to resolve compliance issues, the COUNTY will initiate the following Noncompliance Policy procedures.

Failure to Execute the Sub-Grantee Agreement

The Project Sponsor is required to sign and return the Sub-Grantee agreement within six (6) months of receiving the agreement from the COUNTY so that it may be fully executed.

- If the Sub-Grantee is unable to sign the agreement within six (6) months, the submittal of a time extension request is required. In order to be approved, the request shall explain the reason the extension is necessary and provide a proposed timeline, stating when the signed agreement will be submitted to the COUNTY.
- If the Sub-Grantee fails to submit the signed Sub-Grantee Agreement or an acceptable extension request within six (6) months, County staff may recommend that the NCRP Policy Review Panel (PRP) withdraw the project funding offer and initiate the process of reallocating the funds to a different project, per the NCRP Policy, *Project Funding Reallocation Process*.

Other Significant Compliance Issues

Compliance with Sub-Grantee Agreement terms and conditions, NCRP policies, and applicable laws and regulations is a mandatory requirement to maintain good standing with this grant program. Common non-compliance circumstances include the following:

- Repeated failure to follow required administrative procedures and requirements after multiple reminders, such as:
 - Late invoice and report submittals
 - Insufficient quality and completeness of forms and reports
 - Incorrect or altered forms
 - Inadequate communication to remediate errors, delaying the payment process
- Repeated lack of responsiveness to communications regarding grant compliance
- Failure to submit signed grant agreement amendments within three (3) months of receipt from the COUNTY
- Noncompliance with state and local permits
- Noncompliance with DWR contract requirements

Procedures to Remediate Significant Compliance Issues:

1. When COUNTY staff determines that there are significant compliance issues, the Sub-Grantee will be notified via email that they are out of compliance and a corrective action is required within 10 calendar days.
 - a. If corrective action is not taken and communicated to the COUNTY within 10 days, the Sub-Grantee shall submit a written request for a time extension to come into compliance, with an explanation for why an extension is warranted and a schedule for coming into compliance.
 - b. Mandatory Compliance Refresher Training:
The County will hold a conference call or personal meeting with the Sub-Grantee to review the applicable procedures and requirements of the agreement.

A follow-up letter will be sent to the Sub-Grantee identifying the issues discussed during the refresher training. The letter shall be signed by the Sub-Grantee and returned to the COUNTY, acknowledging an understanding of and commitment to comply with the terms of the grant agreement.
2. Formal Noncompliance Letter:
If the Sub-Grantee still fails to correct the issue within 10 days, the COUNTY will send a Noncompliance Letter to the Project Manager, the Project's Agency Director, and copied to the NCRP Executive Committee Members. The letter will reference the compliance issue, prior attempts from the COUNTY to attain compliance, and the suggested actions to bring the Sub-Grantee back into compliance within 10 days.
3. Conference Call/Meeting:

The Non-Compliance Letter will suggest a conference call or meeting to discuss the compliance issues and corrective action required. The call or meeting is an opportunity for the Sub-Grantee to present a corrective action plan that can be agreed upon by the Sub-Grantee and the COUNTY to resolve the compliance issues.

4. Termination of Agreement:

If the compliance issue remains uncorrected after the deadline indicated in the letter and there continues to be no agreed upon plan of action as a result of the meeting, COUNTY staff may recommend that the NCRP Policy Review Panel authorize termination of the Sub-Grantee agreement and initiate the reallocation of funds, per the NCRP Policy, *Project Funding Reallocation Process*.

The Sub-Grantee will be added to a list of entities that failed to comply with the grant agreement requirements, which will be provided to the Technical Peer Review Committee as a reference at the project review meetings for future funding opportunities



ATTACHMENT C

NCRP PROPOSITION 1 IRWM 2019 PROJECT PROPOSALS



NCRP PROPOSITION 1 IRWM 2019 PROJECT PROPOSALS

1 - 12th District Agricultural Association, Drought Response and Water Efficiency Project

Final Score: 60.3

Location: Mendocino

Benefit: DAC = y; Severely DAC = partial

NCRP IRWM Budget Request: \$1,737,940 **Non-State Match:** \$41,479 **Total Budget:** \$1,779,419

Project Abstract: The 12th DAA Drought Response and Water Efficiency Project address the identified need for replacement, adaptation and modernization of the aging and dilapidated fresh water delivery system at the Redwood Empire Fair.

2 - Blue Lake Rancheria, Water Storage Project

Final Score: 69.9

Location: Tribal

Benefit: DAC = y; Severely DAC = n

NCRP IRWM Budget Request: \$764,170 **Non-State Match:** \$0 **Total Budget:** \$764,170 "

Project Abstract: Blue Lake Rancheria (BLR) will install 500,000 gallons of water storage capacity to complete its water distribution system, funded through a 2017 BOR WaterSMART grant and an ARRA-funded groundwater well. BLR is currently vulnerable to any disruption in existing water delivery from HBMWD through the City of Blue Lake. BLR's solar-electric microgrid is able to provide uninterrupted power in the event of a regional emergency; the new water grid will help complete BLR's resiliency goals."

3 - BriceLand Community Services District, Water Supply Enhancement Project

Final Score: 73.1

Location: Humboldt

Benefit: DAC = y; Severely DAC = y

NCRP IRWM Budget Request: \$1,435,500 **Non-State Match:** \$0 **Total Budget:** \$1,435,500

Project Abstract: The BCSD is a rural CSD that serves the drinking and fire suppression water needs of a vulnerable SDAC comprised of a day care, school, community center, and 25 households. The proposed water supply enhancement project, including improvements to the water intake, treatment, and fire suppression systems, will enhance the resiliency and autonomy of BriceLand by increasing water conservation, increasing fire-fighting capabilities, and reducing the District's annual O&M costs in a sustainable manner

4 - California Trout, Scott River Valley Managed Aquifer Recharge

Final Score: 71.5

Location: Siskiyou

Benefit: DAC = y; Severely DAC = partial

NCRP IRWM Budget Request: \$1,380,583 **Non-State Match:** \$34,125 **Total Budget:** \$1,414,708

Project Abstract: The Scott Valley Managed Aquifer Recharge Project will augment groundwater conditions to enhance flow and improve water quality at critical habitat on the mainstem Scott River. Utilizing the Scott Valley Irrigation District (SVID) canal system, approximately 20 to 30 cfs will be diverted and applied to identified agricultural fields, during the non-irrigation season, from Dec 1st through Feb 15th using existing flood irrigation turnouts and mobile pumping methods. Project benefits will be measured

5 - Conservation Biology Institute, Fire Risk Reduction Decision Support for the Russian River Watershed

Final Score: 63.9

Location: Sonoma /Mendocino

Benefit: DAC = partial; Severely DAC = n

NCRP IRWM Budget Request: \$250,452 **Non-State Match:** \$191,000 **Total Budget:** \$427,236

Project Abstract: This project will provide decision support for prioritizing locations and types of on-the-ground action to protect important water resources from the impacts of fire. This project focuses on the Russian River Watershed (Mendocino and Sonoma Counties) and the water supplies of Lake Sonoma, Lake Mendocino, and the Russian River, which provide water for over 600,000 people. Prioritization will be based on modeled risk of large and severe fire and impacts to hydrology and biodiversity.

6 - Covelo Community Services District, Collection System and Wastewater Treatment Plant Improvements

Final Score: 69.4

Location: Mendocino

Benefit: DAC = y; Severely DAC = y

NCRP IRWM Budget Request: \$2,412,746 **Non-State Match:** \$0 **Total Budget:** \$2,412,746

Project Abstract: Reducing I&I into the collection system will ease the burden of extremely high flows through the WWTP during winter/rainy periods. When flows are high, not only is the treatment often insufficient, but the plant may be forced to surface water discharge toxic effluent into the nearby Grist Creek, as happened in 2017 (failed toxicity test). Part 2 of the project is to make improvements to the WWTP itself to improve the overall treatment and reduce the toxic ammonia in the plant's effluent.

7 - County Service Area No. 1, Onsite Emergency Power Supply for Sanitary Sewer Lift Stations

Final Score: 67.5

Location: Del Norte

Benefit: DAC = y; Severely DAC = partial

NCRP IRWM Budget Request: \$1,076,855 **Non-State Match:** \$0 **Total Budget:** \$1,076,855

Project Abstract: Provide onsite emergency power at 11 lift station locations throughout the CSA protecting public health and safety, and avoiding impacts to water quality and sensitive habitats by substantially decreasing the potential for sanitary sewer overflows (SSOs). A map of all 15 CSA lift stations has been included with the application. The CSA serves the urban unincorporated Crescent City area or a total of about 3,500 equivalent single-family connections.

8 - City of Dorris, Water System Infrastructure Project

Final Score: 70.7

Location: Siskiyou

Benefit: DAC = y; Severely DAC = y

NCRP IRWM Budget Request: \$1,667,000 **Non-State Match:** \$0 **Total Budget:** \$1,667,000

Project Abstract: The project will help the City of Dorris provide a safe reliable source of drinking water through replacement of a dilapidated water treatment facility and to promote water conservation and sustainability of the City's water supply through installation of water meters. In addition, the use of solar panels to power its water pumps will help the City to be more self-sustaining, reduce its carbon impact, and significantly reduce its O&M costs.

9 - Eel River Watershed Improvement Group, Cuneo Creek Riparian Restoration Project

Final Score: 63.8

Location: Humboldt

Benefit: DAC = y; Severely DAC = partial

NCRP IRWM Budget Request: \$135,673 **Non-State Match:** \$0 **Total Budget:** \$135,673

Project Abstract: This project will be the planting and subsequent watering of 170 redwood saplings, 330 Douglas fir saplings, and 20 white oak saplings in the riparian zone of Cuneo Creek. These trees will enhance the riparian corridor and increase shading, thereby reducing water temperatures and sequestering carbon from the atmosphere.

10 - Eel River Watershed Improvement Group, Kenny Creek Instream Habitat Enhancement Project

Final Score: 73.0

Location: Mendocino

Benefit: DAC = y; Severely DAC = y

NCRP IRWM Budget Request: \$176,077 **Non-State Match:** \$46,830 **Total Budget:** \$224,687

Project Abstract: This project will increase salmonid habitat in Kenny Creek through the placement, instream, of 28 LWD structures along a 1.1 mile long stream reach (worksite). The LWD structures will provide shelter, increase habitat complexity, deepen pools, provide velocity refugia, and enhance spawning gravels. Additionally, 400 coniferous trees will be planted along the riparian corridor. These trees will help decrease stream temperatures and will store carbon.

11 - City of Eureka, Storm Water Management and Sea Level Rise Resiliency Project

Final Score: 67.4

Location: Humboldt

Benefit: DAC = y; Severely DAC = n

NCRP IRWM Budget Request: \$1,000,000 **Non-State Match:** \$3,000,000 **Total Budget:** \$4,000,000

Project Abstract: The objectives of the project are to reduce the impacts of extreme weather flooding and associated hazards, increase water quality of sensitive habitat, and reduce impacts from climate change including sea level rise and changes in precipitation patterns. The project consists of storm drain improvements and LID features, which will enhance the quality and reduce quantity of stormwater that discharges to the bay, and reduce extreme coastal event impacts to the City and receiving bay waters.

12 - City of Ferndale, California Street Sewer Replacement

Final Score: 71.0

Location: Humboldt

Benefit: DAC = y; Severely DAC = partial

NCRP IRWM Budget Request: \$326,750 **Non-State Match:** \$0 **Total Budget:** \$326,750

Project Abstract: The project will replace the aging vitrified clay pipes on California Street to reduce the amount of groundwater entering the sewer system thereby reducing the possibility of a pond overflow, the possibility of sanitary sewer overflows in the collection system, and the likelihood of the City violating their NPDES permit limit on discharges to the Salt River.

13 - Fieldbrook Glendale Community Services District, Water Tank Seismic Retrofit Project

Final Score: 73.4

Location: Humboldt

Benefit: DAC = n; Severely DAC = n

NCRP IRWM Budget Request: \$314,744 **Non-State Match:** \$944,226 **Total Budget:** \$1,258,970

Project Abstract: The proposed seismic retrofit is to install a new 400,000 gallon bolted steel water tank. The problem this project is attempting to solve is potential loss of Potable and Wastewater services to the Fieldbrook Glendale Community Services District due to earthquake hazards, as well as potential loss of water for emergency fire fighting for the surrounding areas.

14 - City of Fort Bragg, Pudding Creek Water Main Relocation

Final Score: 63.9

Location: Mendocino

Benefit: DAC = y; Severely DAC = y

NCRP IRWM Budget Request: \$1,669,000 **Non-State Match:** \$40,000 **Total Budget:** \$1,669,000

Project Abstract: Project would relocate an existing 10-inch water main from a privately-owned dam at risk of failure due to erosion, flooding and seismic activity to the Pudding Creek Bridge, where Caltrans is placing a sleeve/hanger for the water main as part of a bridge widening project. The water main is the only access to municipal water for several businesses and a +/- 70-unit senior mobile home park. The existing main would be removed allowing for the eventual removal of Pudding Creek Dam (by others).

15 - City of Fort Bragg, Storm Water Trash Capture Devices

Final Score: 64.3

Location: Mendocino

Benefit: DAC = y; Severely DAC = y

NCRP IRWM Budget Request: \$529,000 **Non-State Match:** \$176,000 **Total Budget:** \$705,000

Project Abstract: The City is planning to install six (6) high-flow capacity (HFC) trash capture devices inside of existing City storm drain infrastructure in response to Water Code Section 13383 Order, issued by the State Water Board in 2017. The HFC devices will capture and prevent trash from traveling via the storm drains to receiving water bodies. Trash in local watersheds poses a serious threat to surface water quality and aquatic species transported to local creeks, rivers, or the Pacific Ocean.

16 - Gold Ridge Resource Conservation District, Rainwater Catchment Rebate and Streamflow Enhancement Pilot Project

Final Score: 69.8

Location: Sonoma

Benefit: DAC = partial; Severely DAC = partial

NCRP IRWM Budget Request: \$584,245 **Non-State Match:** \$584,245 **Total Budget:** \$1,168,491

Project Abstract: This multi-partner pilot project seeks to promote water conservation, provide alternatives to extractive water sources, enhance streamflow for wildlife, and foster water use awareness throughout Sonoma County's North Coast region by piloting a standardized and cost-effective rebate program for small-scale rainwater catchment systems, while building capacity among both local landscapers and homeowners to design and install them.

17 - Humboldt Bay Municipal Water District, Ranney Collector 2 Rehabilitation Project

Final Score: 75.8

Location: Humboldt

Benefit: DAC = partial; Severely DAC = partial

NCRP IRWM Budget Request: \$600,000 **Non-State Match:** \$3,105,750 **Total Budget:** \$3,705,750

Project Abstract: Ranney Collector rehabilitation consists of replacing laterals that project out into the aquifer. Once the new flow rates are determined, then new energy efficient pumps and motors are sized to efficiently and cost effectively pump the water. Once the pump and motors are sized, then new electrical controls, circuitry and station 12kV transformer are installed to efficiently operate the new system. Original pumps, motors, electrical circuitry and transformer were installed in 1960.

18 - Lewiston Community Services District, Water Distribution System Replacement Project

Final Score: 78.5

Location: Trinity

Benefit: DAC = y; Severely DAC = y

NCRP IRWM Budget Request: \$1,192,525 **Non-State Match:** \$1,188,200 **Total Budget:** \$2,380,725

Project Abstract: For the protection of human health, the environment, water quality, and water conservation, the Proposed Project includes installation of 10,275 feet of water main and appurtenances, replacement of 151 service connections, relocation of 16 service connections, reconnection of 9 fire hydrants, and installation of a new fire hydrant. Construction is anticipated to be begin in conjunction with construction of the Wastewater Collection, Treatment, and Disposal Project in an effort to reduce costs.

19 - Mattole Restoration Council, Carbon Sequest Lower Mattole River and Estuary Enhancement Project Phase II

Final Score: 74.1

Location: Humboldt

Benefit: DAC = y; Severely DAC = n

NCRP IRWM Budget Request: \$656,165 **Non-State Match:** \$263,800 **Total Budget:** \$919,965

Project Abstract: Summer and winter rearing habitat for juvenile salmon and steelhead will be improved within the lower two miles of the Mattole River by creating 1200 ft of slough/alcove, installing 12,000 ft. of willow baffles , and planting 8000 riparian trees and 4000 wetland plants. The project will have multiple long-term benefits for riparian habitat and water quality, as established riparian vegetation will slow floodplain turnover, store sediment and rack wood, and increase channel heterogeneity.

20 - Mendocino Woodlands Camp Association, Mendocino Woodlands State Park Sediment Reduction

Final Score: 60.4

Location: Mendocino

Benefit: DAC = y; Severely DAC = n

NCRP IRWM Budget Request: \$1,032,339 **Non-State Match:** \$263,874 **Total Budget:** \$1,296,213

Project Abstract: This project will reduce sediment discharges from Roads 700 and 720 into Railroad Gulch, a Class I stream (habitat to Coho Salmon and Steelhead) and a tributary to Big River in the Lower Big River Watershed, by improving drainage on Road 720; directing drainage away from streams; and, transferring vehicle travel to Road 720 (higher up on the hillslope), allowing for the decommissioning of Road 700 (the only year-round, commercial vehicle access route to Mendocino Woodlands State Park).

21 - County of Mendocino, Mendocino County Coastal MS4 Area Trash Capture Devices

Final Score: 56.2

Location: Mendocino

Benefit: DAC = y; Severely DAC = y

NCRP IRWM Budget Request: \$581,354 **Non-State Match:** \$38,001 **Total Budget:** \$619,355

Project Abstract: The project will result in diversion of trash from watercourses via installation of full capture devices within County storm drain infrastructure. Major components and project goals include: device selection, development of installation workplans and schematics, and device installation. The intended outcome of the project is diversion of 100% of trash from storm drains receiving devices, limiting the potential for ecosystem degradation, and improving the recreational value of receiving waters.

22 - Mendocino County Resource Conservation District, Forsythe Creek Floodplain and Riparian Restoration Project

Final Score: 64.5

Location: Mendocino

Benefit: DAC = partial; Severely DAC = n

NCRP IRWM Budget Request: \$2,631,344 **Non-State Match:** \$149,266 **Total Budget:** \$2,780,610

Project Abstract: In the 1980s, ~500,000 cubic yards of sediment & concrete rubble were placed along Forsythe Creek's north bank, which separated the channel from the floodplain and forced high flows into the south bank, eroding away mature riparian tree, incising the channel & lowering the water table. This project will restore channel access to the floodplain, rebuild the historic secondary channel, enhance native riparian vegetation, reduce velocities, aggrade the channel, & enhance salmonid spawning habitats.

23 - Newell County Water District, Water System Improvements Project

Final Score: 67.3

Location: Modoc

Benefit: DAC = y; Severely DAC = y

NCRP IRWM Budget Request: \$1,846,426 **Non-State Match:** \$0 **Total Budget:** \$1,846,426

Project Abstract: The water system is composed of two 100,000-gallon welded steel water storage tanks, 3 existing wells, and a distribution system with 310 active service connections. The most pressing issues for the water system are malfunctioning SCADA controls, groundwater supply, and storage. This project will include new SCADA controls, new well and pump house to replace the failing Well 2, and a structural evaluation of the older steel tank that has failing paint coatings and cracks in the steel floor.

24 - Pacific Reefs Water District, Water Tank Replacement Project

Final Score: 70.3

Location: Mendocino

Benefit: DAC = y; Severely DAC = n

NCRP IRWM Budget Request: \$386,274 **Non-State Match:** \$0 **Total Budget:** \$386,274

Project Abstract: PRWD's water system had two water storage tanks with 60,000 gallons of storage capacity. In 2013, their primary 40,000 gallon tank failed (it collapsed). Their 20,000 gallon redwood tank is near the end of its useful life - it periodically leaks and the condition of the floor is of concern. After the primary tank failed, PRWD increased its property assessment to fund purchase of two 5,000 gallon plastic tanks as a temporary measure to bridge until a new tank is constructed.

25 - Round Valley County Water District, Upper Grist Creek Watershed Restoration Plan

Final Score: 53.4

Location: Mendocino

Benefit: DAC = y; Severely DAC = partial

NCRP IRWM Budget Request: \$108,585 **Non-State Match:** \$13,000 **Total Budget:** \$113,585

Project Abstract: The Project will engineer, permit and install 200' of CMI Industries AlumiGuard channel retaining wall to restore a critical section of Upper Grist Creek, to prevent Highway flooding, restore pooling habitat, and to allow flood plain recharge of the Covelo-Round Valley Aquifer.

26 - Sanctuary Forest Inc., Drought and Emergency Water Project

Final Score: 80.7

Location: Humboldt

Benefit: DAC = y; Severely DAC = y

NCRP IRWM Budget Request: \$558,501 **Non-State Match:** \$95,210 **Total Budget:** \$653,711

Project Abstract: The project will address critical drought and the need for emergency water supplies and safe drinking water for the local elementary school along with associated water conservation, coordinated water management, and fish and wildlife benefits. Expected outcomes include 1) installation of 360,000 gallons of emergency water storage 2) installation of water filtration at the Whitethorn School; 3) coordinated water management resulting in improved streamflow and salmonid habitat.

27 - Scotia Community Service District, Emergency Power Generator Project

Final Score: 60.4

Location: Humboldt

Benefit: DAC = y; Severely DAC = n

NCRP IRWM Budget Request: \$267,500 **Non-State Match:** \$7,500 **Total Budget:** \$240,000

Project Abstract: The SCSD has experienced repeated power failures over the past several years. The raw water supply, from the Eel River Pump Station, to the SCSD Water Treatment Plant does not have an emergency power generator. The project will provide emergency power to the two (2) river pumps and a continuous supply of water to the water treatment plant for domestic and commercial use as well as fire suppression for the entire community.

28 - Scott River Watershed Council, Scott River Headwaters Forest Health, Fire Safety, and Water Quality Improvement Project

Final Score: 72.7

Location: Siskiyou

Benefit: DAC = y; Severely DAC = n

NCRP IRWM Budget Request: \$843,160 **Non-State Match:** \$424,957 **Total Budget:** \$1,158,864

Project Abstract: The project will target specific, high priority actions that will provide fire safety for people and water delivery infrastructure, and improve water quality for the communities of Etna, Quartz Valley Indian Reservation and Quartz Valley, all economically disadvantaged communities, by reducing road inputs, augmenting large wood in streams and reducing fuel loads. Co-benefits of employment, climate resiliency and salmonid fisheries improvement will accrue.

29 - Smith River Community Services District, Water System Emergency Generator Project

Final Score: 69.8

Location: Del Norte

Benefit: DAC = y; Severely DAC = n

NCRP IRWM Budget Request: \$322,445 **Non-State Match:** \$870,000 **Total Budget:** \$1,192,445

Project Abstract: The Smith River Community Services District (SRCSD or District) provides water to approximately 1,500 customers. The District's water source is from four 40-foot wells that are set back approximately 100 feet from Rowdy Creek. The well pumps move water to a series of five pump stations and eventually eight water storage tanks within the District. The project proposes to add six permanently mounted generators to mitigate the loss of power during severe storms, earthquakes, and other hazards.

30 - Treasure Creek Woods Mutual Water Company, Water Storage and Distribution System Improvement Project

Final Score: 69.7

Location: Trinity

Benefit: DAC = y; Severely DAC = y

NCRP IRWM Budget Request: \$3,080,000 **Non-State Match:** \$0 **Total Budget:** \$3,080,000

Project Abstract: For the protection of human health, the environment, water quality, water conservation, and fire suppression, the proposed project includes installation of a 150,000-gallon welded steel storage tank, 2,500 ft of pipeline, and booster pump station (BPS) if needed, replacement of 4,200 ft of 6-inch water main, isolation valves, and appurtenances, replacement of 36 service connections, and installation of five new fire hydrants.

31 - City of Trinidad, Trinidad-Westhaven Community Water Reliability, Security and Enhancement Project

Final Score: 67.2

Location: Humboldt

Benefit: DAC = y; Severely DAC = n

NCRP IRWM Budget Request: \$1,494,209 **Non-State Match:** \$0 **Total Budget:** \$1,494,209

Project Abstract: Old, leaky water mains will be replaced and fire hydrants will be installed to reduce water loss, to improve firefighting capacity. A culvert below a critical road and water main will be replaced. The multi-benefit project will improve community fire protection, support the economic base, reduce water service interruptions and improve water supply reliability. The project will also protect critical water supplies, and water quality, habitats, species and property downstream of failing culverts.

32 - Weaverville Sanitary District, Sewer Improvements Project

Final Score: 68.3

Location: Trinity

Benefit: DAC = y; Severely DAC = y

NCRP IRWM Budget Request: \$1,382,000 **Non-State Match:** \$0 **Total Budget:** \$1,382,000

Project Abstract: The District has identified 5 segments of the existing sewer collection system that are the most problematic and require significant effort to maintain. These areas of concern increase the difficulty of treatment due to infiltration and inflow (I&I) and may decrease the groundwater quality by introducing raw sewage to the surrounding groundwater. This project will rank the problematic areas and develop construction phases to implement replacement based upon ranking and funding availability.

33 - City of Willits, Improving Willits Water Supply Reliability and Drought Resiliency with Groundwater and Conjunctive Use

Final Score: 69.5

Location: Mendocino

Benefit: DAC = partial; Severely DAC = partial

NCRP IRWM Budget Request: \$1,102,312 **Non-State Match:** \$0 **Total Budget:** \$1,102,312

Project Abstract: Today, the Willits water system lacks the groundwater capacity to provide for the needs of the communities if surface water again becomes untenable. The proposed project seeks to expand both groundwater capacity, increasing system resiliency, and conjunctive use, increasing flexibility. This flexibility would increase options for managing water quality, aquifers, watersheds, and critical habitats. Secure water also represents an economic benefit for a severely disadvantaged community.

34 - Watershed Research and Training Center, South Fork Trinity River - Spring Run Chinook Salmon Restoration Project - Phase II

Final Score: 71.8

Location: Trinity

Benefit: DAC = y; Severely DAC = n

NCRP IRWM Budget Request: \$1,109,993 **Non-State Match:** \$82,934 **Total Budget:** \$1,192,927

Project Abstract: The project intends to increase the habitat quality and ecological conditions for spring-run Chinook Salmon through the placement of whole trees into the channel of the upper South Fork Trinity River.

35 - Yurok Tribe, Upgrading Critical Infrastructure to Support Resource Recovery in the Blue Creek Sanctuary

Final Score: 73.9

Location: Tribal

Benefit: DAC = y; Severely DAC = y

NCRP IRWM Budget Request: \$937,268 **Non-State Match:** \$1,538 **Total Budget:** \$938,806

Project Abstract: The Yurok Tribe is proposing to conduct a number of high priority road and associated stream crossing improvements within the Blue Creek Sanctuary to protect and enhance water quality, increase watershed resiliency to climate change impacts, promote increased community safety (i.e. improve a primary flood & fire evacuation route, improve our ability to manage wildland fires), and help ensure effective Tribal management of vitally important water, wildlife, and forest resources in the Sanctuary.

36 - City of Weed, Automated Meter Reading Project

Final Score: 59.1

Location: Siskiyou

Benefit: DAC = y; Severely DAC = y

NCRP IRWM Budget Request: \$1,925,000 **Non-State Match:** \$20,000 **Total Budget:** \$1,945,000

Project Abstract: The proposed project includes the installation of automated meter reading (AMR) water meters for all service connections in the City, along with AMR devices, software, and training to City staff. AMR meters will allow the City to rapidly gather more accurate water usage data, including leak detection indicators for customers.