



**NCRP EXECUTIVE COMMITTEE MEETING**

**December 10, 2021: 10-11:30 am**

**Via zoom:**

<https://us02web.zoom.us/j/86792223350?pwd=YkVDVi9mRUZQRU1NeitLUlJtbmxWUT09>

*Meeting ID: 867 9222 3350*

*Passcode: 668278*

*Dial by your location*

*+1 669 900 6833 US (San Jose)*

*+1 253 215 8782 US (Tacoma)*

*Meeting ID: 867 9222 3350*

*Passcode: 668278*

10:00 Welcome and Roll Call: NCRP Co-Chairs Leaf Hillman and James Gore

10:10 Review and Approve Agenda  
Decision

10:15 TPRC Recommendations for Funding DWR IRWM Multi-Benefit Drought Funding (Attachment A)  
Presentation of TPRC Recommendations (TPRC Co-Chairs)  
Decision: NCRP Executive Committee

10:45 Updating and Adoption of NCRP Handbook & MoMU (NCRP Staff)

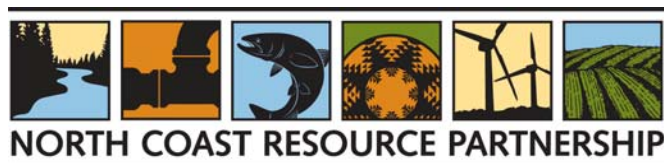
- Need for MoMU update (Attachment B)
- Ongoing Handbook Update
- Updated goals and objectives, principles, roles
- Brown Act
- Process and timeline for updating: discussion

11:15 Review January Meeting Agenda - discuss April and May meetings

11:25 Next Steps/Next Meeting

11:30 Adjourn

## ATTACHMENT A



### BACKGROUND

The California Department of Water Resources (DWR), is providing \$190 million in grant funding through the [Urban and Multibenefit Drought Relief Grant Program](#) for interim or immediate relief in response to conditions arising from drought across California. The drought relief goal is to address immediate impacts on human health and safety and on fish and wildlife resources, and to provide water to persons or communities that lose or are threatened with the loss or contamination of water supplies. The Final Guidelines/ Proposal Solicitation were released on October 29 and can found at the following link: [Final 2021 Urban and Multibenefit Drought Relief Grant Program Guidelines and Proposal Solicitation Package](#). According to the Final Guidelines/ Proposal Solicitation, DWR will be accepting applications on a rolling basis and evaluated at set intervals, on an expedited schedule. The current due dates include: 1. November 19, 2021; 2. December 17, 2021; and dates for subsequent rounds will be announced later.

The Urban and Multibenefit Drought Relief Grant Program also established a \$5 million set-aside for each IRWM Funding Area, such as the North Coast, to encourage regional proposals to support Tribal, disadvantaged, and underrepresented community projects. The regional Underrepresented Communities and Tribal Set-Aside proposal may be submitted during a subsequent funding phase.

During the North Coast Resource Partnership (NCRP) Quarterly meeting on October 15, 2021, the Leadership Council directed staff to work with the Technical Peer Review Committee (TPRC) Co-Chairs and the Proposition 1 Ad Hoc committee to develop and implement a streamlined approach to evaluating potential projects to be included in one or more NCRP regional proposals for the Urban and Multibenefit Drought Relief Grant Program funding. Given the expedited schedule of the drought funding, they also authorized the Executive Committee to make the final decision about the priority projects to be included in these NCRP proposal(s) should the submittal due date of the regional application(s) be prior to the next NCRP Quarterly meeting in January 2022. TPRC Co-chairs and NCRP staff developed a timeline, approach and project selection criteria guidance document which was reviewed and approved by the Proposition 1 Ad Hoc Committee on November 10, 2021. See the [NCRP Urban and Multibenefit Drought Relief Grant](#) webpage for application materials and the [NCRP Urban and Multibenefit Drought Relief Project Review and Selection Process Guidelines, 2021](#).

### NCRP TECHNICAL AND PROPOSAL ASSISTANCE

The NCRP has a long history of providing technical assistance to North Coast Tribal and disadvantaged communities to support and develop projects that promote integrated and multi-benefit outcomes in the region. Technical assistance and proposal development support was made available based on relevant need and timing constraints related to the NCRP Urban and Multibenefit Drought Relief Grant Applications. Due to the short timeframe for application development for the due dates listed by DWR to date, projects that met technical requirements, but would need further technical support or fall outside the multibenefit drought program guidelines will be considered for future phases of the Urban and Multibenefit Drought Relief Grant expected to be due early 2022 or Proposition 1 IRWM Round 2 funding in 2022.

## NCRP DROUGHT RELIEF PROJECTS & PROJECT REVIEW

On November 29, the NCRP received 25 project proposals to be considered for inclusion into the NCRP Urban and Multibenefit Drought Relief Grant Regional Proposal for submittal to DWR on December 17. The total funding request was \$22.9 million with total project costs of over \$25 million. See the [NCRP Urban and Multibenefit Drought Relief Grant](#) webpage for a list of proposed projects hyperlinked to their proposals. See Exhibit B for project summaries of all submitted projects.

The TPRC conducted their individual technical reviews and met collectively on Dec 7, 9 am – 3pm (see: [TPRC Project Review Meeting Agenda](#)) to discuss the project proposals and select a draft suite of Priority Projects for Executive Committee review and approval on Dec 10, 10 am. Seven TPRC members participated in the project review meeting and eight TPRC members submitted project applications scores.

### TPRC RECOMMENDATION

The TPRC recommends maintaining the NCRP commitment to high quality and competitive regional proposals for funding. An average score of 46 out of 70 was used as a cutoff for project selection (with an exception for one modest project in Sonoma County) as that corresponded to the threshold below which there were concerns about the projects from many TPRC members. Projects with budgets in the \$2 million and above range are recommended to submit directly to DWR for Urban and Multibenefit Drought Relief Grant funding considering the TPRC project review comments and proposal improvement suggestions.

The TPRC recommends the following 13 projects for funding at the budgets listed. A full listing of the projects and the TPRC scores and ranking are provided in Exhibit A.

### Draft NCRP Urban and Multi-benefit Drought Relief Grant Priority Projects - Submittal 1

ID	Final Score	Organization, Project Name	Location / Area Served	Requested Budget	TPRC Recommend Budget
12	53.69	Resighini Rancheria, Conservation Measures to Address Drought	Tribe, Northern Region	\$342,000	\$342,000
23	52.71	The Watershed Research and Training Center, Browns and Tule Creeks Drought Resiliency Storage and Forbearance Project	Trinity	\$283,264	\$283,264
24	52.36	Weaverville Community Services District, Drought Resiliency & Water Reliability Project	Trinity	\$597,600	\$500,000
10	52.13	Montague Water Conservation District, Main Canal Lining for Instream Benefit	Siskiyou	\$970,000	\$970,000
14	50.71	Salmonid Restoration Federation, Redwood Creek, South Fork Eel River Storage and Forbearance Program	Humboldt	\$500,000	\$500,000
19	50.71	Scott River Watershed Council, Scott River Tailings Restoration, Long Pond Implementation, Phase 1	Siskiyou	\$698,236	\$698,236
8	49.26	Mattole Restoration Council, Southern Humboldt Emergency Fire Suppression Water Supply	Humboldt	\$345,793	\$345,793

7	49.20	Gold Ridge Resource Conservation District, Sonoma County Household Drought Resiliency Project	Sonoma	\$185,548	\$185,548
9	48.97	Mendocino County Resource Conservation District, Rainwater Harvest and Greywater Workshops and Demonstration Project	Mendocino	\$48,485	\$48,485
1	47.59	Briceland Community Services District, Water Supply Enhancement	Humboldt	\$548,000	\$548,000
13	47.47	Resort Improvement District No.1, Shelter Cove Well Site Improvements	Humboldt	\$95,000	\$95,000
2	46.48	Brooktrails Township Community Services District, Brooktrails Township Clarifier Project	Mendocino	\$110,000	\$110,000
22	45.35	Sonoma County Department of Transportation and Public Works, Jenner Smart Meters	Sonoma	\$74,000	\$74,000
		<b>Subtotal</b>			<b>\$4,700,326</b>
		<b>Humboldt 6% Administration</b>			<b>\$282,020</b>
		<b>Total</b>			<b>\$4,982,346</b>

## EXHIBIT A

### NCRP URBAN AND MULTIBENEFIT DROUGHT RELIEF GRANT PROJECTS, 2021 PROJECT REVIEW

ID	Final Score	Organization, Project Name	Location / Area Served	Budget	TPRC Recommend Budget
12	53.69	Resighini Rancheria, Conservation Measures to Address Drought	Tribe, Northern Region	\$342,000	\$342,000
23	52.71	The Watershed Research and Training Center, Browns and Tule Creeks Drought Resiliency Storage and Forbearance Project	Trinity	\$283,264	\$283,264
24	52.36	Weaverville Community Services District, Drought Resiliency & Water Reliability Project	Trinity	\$597,600	\$500,000
10	52.13	Montague Water Conservation District, Main Canal Lining for Instream Benefit	Siskiyou	\$970,000	\$970,000
14	50.71	Salmonid Restoration Federation, Redwood Creek, South Fork Eel River Storage and Forbearance Program	Humboldt	\$500,000	\$500,000
19	50.71	Scott River Watershed Council, Scott River Tailings Restoration, Long Pond Implementation, Phase 1	Siskiyou	\$698,236	\$698,236
8	49.26	Mattole Restoration Council, Southern Humboldt Emergency Fire Suppression Water Supply	Humboldt	\$345,793	\$345,793
7	49.20	Gold Ridge Resource Conservation District, Sonoma County Household Drought Resiliency Project	Sonoma	\$185,548	\$185,548
9	48.97	Mendocino County Resource Conservation District, Rainwater Harvest and Greywater Workshops and Demonstration Project	Mendocino	\$48,485	\$48,485
25	47.66	Weott Community Services District, System Improvements	Humboldt	\$1,950,000	\$0
1	47.59	Briceland Community Services District, Water Supply Enhancement	Humboldt	\$548,000	\$548,000
13	47.47	Resort Improvement District No.1, Shelter Cove Well Site Improvements	Humboldt	\$95,000	\$95,000
2	46.48	Brooktrails Township Community Services District, Brooktrails Township Clarifier Project	Mendocino	\$110,000	\$110,000
15	45.75	Sanctuary Forest Inc., Mattole Headwaters Drought Relief Project	Humboldt	\$4,385,000	\$0
5	45.52	Fieldbrook Glendale Community Services District, Water Tank Retrofit Project	Humboldt	\$642,400	\$0
22	45.35	Sonoma County Department of Transportation and Public Works, Jenner Smart Meters	Sonoma	\$74,000	\$74,000

20	44.29	Sonoma County Regional Parks, Sonoma County Regional Parks Rainwater Catchment and Water Conservation Project	Sonoma	\$536,000	\$0
18	44.00	Scott River Watershed Council, Etna Creek Real Time StreamFlow Monitoring Project	Siskiyou	\$134,708	\$0
16	42.64	Scotia Community Services District, River Pumps Backup Generator Project	Humboldt	\$722,875	\$0
17	42.29	Scotia Community Services District, Water Storage Tank Project	Humboldt	\$4,122,000	\$0
6	42.28	Gasquet Community Services District, North Fork Water Line Extension	Del Norte	\$2,010,000	\$0
11	42.13	Orick Community Services District, Distribution Expansion & Water Storage	Humboldt	\$1,507,500	\$0
3	41.87	Point Cabrillo Highlands, Water Security Enhancement	Mendocino	\$91,000	\$0
4	41.70	City of Montague, Water Tank	Siskiyou	\$1,755,000	\$0
21	37.03	Sonoma County Department of Transportation and Public Works, Freestone Backwash System and Generator	Sonoma	\$255,000	\$0
		<b>TOTALS</b>		<b>\$22,909,409</b>	<b>\$4,700,326</b>

## EXHIBIT B

### NCRP URBAN AND MULTIBENEFIT DROUGHT RELIEF GRANT PROJECTS, 2021 PROJECT SUMMARY

#### [Briceland Community Services District, Water Supply Enhancement](#)

**Location:** Humboldt

**Benefit:** Tribe = no; DAC = yes; Severely DAC = yes

**Total Project Budget:** \$548,000      **NCRP Budget Request:** \$548,000

**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, includes improvements to the water storage, transmission, & fire suppression systems, to enhance Briceland's drought resiliency & autonomy. The project increases water storage and fire-fighting capabilities as well as reduces water losses in a sustainable manner.

**TPRC Project Review Final Score: 47.59**

#### [Brooktrails Township Community Services District, Brooktrails Township Clarifier Project](#)

**Location:** Mendocino

**Benefit:** TRIBE = no; DAC = yes; SEVERELY DAC = partial

**Total Project Budget:** \$90,000      **NCRP Budget Request:** \$80,000

**Project Abstract:** During the 2021 drought, the 45-year old clarifier required emergency maintenance. To ensure safe drinking water during drought conditions when the 130,000 gal clarifier fails or has to be taken offline for maintenance, a second clarifier is needed at the drinking water treatment plant. Brooktrails Township strictly enforces a usage cap of 9,000gal/month/connection to conserve community water supplies.

**TPRC Project Review Final Score: 46.48**

#### [Point Cabrillo Highlands, Water Security Enhancement](#)

**Location:** Mendocino

**Benefit:** TRIBE = no; DAC = partial; SEVERELY DAC = no

**Total Project Budget:** \$107,532      **NCRP Budget Request:** \$91,000

**Project Abstract:** Upgrade single well/tank serving 25-30 residents to provide additional storage and water source security. Separate agricultural usage from personal consumption. Create larger water supply for wildfire suppression.

**TPRC Project Review Final Score: 41.87**

#### [City of Montague, Water Tank](#)

**Location:** Siskiyou

**Benefit:** TRIBE = no; DAC = yes; SEVERELY DAC = no

**Total Project Budget:** \$1,755,000      **NCRP Budget Request:** \$1,755,000

**Project Abstract:** Remove 2 old collapsing water tanks and replace with a new 500,000 gallon tank with aeration.

**TPRC Project Review Final Score: 41.70**

#### [Fieldbrook Glendale Community Services District, Water Tank Retrofit Project](#)

**Location:** Humboldt

**Benefit:** TRIBE = no; DAC = yes; SEVERELY DAC = no

**Total Project Budget:** \$1,901,370 **NCRP Budget Request:** \$642,400

**Project Abstract:** The proposed retrofit is to install a new 400,000 gallon bolted steel water tank to replace an existing leaking redwood tank, that does not meet current seismic standards. The current tank was lined in the 1990's. While this addressed short term issues the redwood staves have degraded, and replacement is necessary to reduce water losses and improve drought resilience and seismic stability.

**TPRC Project Review Final Score: 45.52**

[Gasquet Community Services District, North Fork Water Line Extension](#)

**Location:** Del Norte

**Benefit:** TRIBE = no; DAC = yes; SEVERELY DAC = yes

**Total Project Budget:** \$2,010,000 **NCRP Budget Request:** \$2,010,000

**Project Abstract:** The GCSO service area includes homes not served by the potable water system. The proposed project is to extend the distribution system to the North Fork Loop, which is currently served by wells experiencing water shortages. The project proposes extending water mains to the north west of the existing water tanks to provide potable drinking water and fire fighting capabilities from the existing system.

**TPRC Project Review Final Score: 42.28**

[Gold Ridge Resource Conservation District, Sonoma County Household Drought Resiliency Project](#)

**Location:** Sonoma

**Benefit:** TRIBE = partial; DAC = partial; SEVERELY DAC = partial

**Total Project Budget:** \$185,548 **NCRP Budget Request:** \$185,548

**Project Abstract:** This multi-partner project seeks to promote water conservation, provide alternatives to extractive water sources, protect streamflow, and foster water use awareness among Sonoma County's urban and rural residents by rapidly expanding a cost-effective rainwater rebate program to serve more residents in water-scarce areas and to develop the program include a wider range of other household-level strategies, such as raingarden construction and greywater system installation.

**TPRC Project Review Final Score: 49.20**

[Mattole Restoration Council, Southern Humboldt Emergency Fire Suppression Water Supply](#)

**Location:** Humboldt

**Benefit:** TRIBE = yes; DAC = yes; SEVERELY DAC = partial

**Total Project Budget:** \$384,293 **NCRP Budget Request:** \$345,793

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

**TPRC Project Review Final Score: 49.26**



[Mendocino County Resource Conservation District, Rainwater Harvest and Greywater Workshops and Demonstration Project](#)

**Location:** Mendocino

**Benefit:** TRIBE = no; DAC = partial; SEVERELY DAC = partial

**Total Project Budget:** \$48,485 **NCRP Budget Request:** \$48,485

**Project Abstract:** This project proposes to conduct up to three rainwater harvest and/or greywater reuse workshops and at least one demonstration project in the upper Russian River. Communities reliant on Lake Mendocino, including Calpella and Redwood Valley, were subject to severe water shortages in 2021 and Lake Mendocino is at risk of going completely dry in 2022. This project will provide how-to demonstrations and technical assistance for homeowners and small businesses.

**TPRC Project Review Final Score: 48.97**

[Montague Water Conservation District, Main Canal Lining for Instream Benefit](#)

**Location:** Siskiyou

**Benefit:** TRIBE = partial; DAC = yes; SEVERELY DAC = yes

**Total Project Budget:** \$970,000 **NCRP Budget Request:** \$970,000

**Project Abstract:** Montague Water Conservation District is an irrigation district that owns and operates Dwinnell Reservoir on the Shasta River, a critical tributary to the Klamath River. MWCD provides multiple beneficial uses including irrigation, municipal to the City of Montague and enhancement of streamflow for fish and wildlife benefits. MWCD proposes to line 6,000' of its main canal with shot-crete to improve delivery efficiency. In exchange, MWCD will dedicate conserved water for instream benefit.

**TPRC Project Review Final Score: 52.13**

[Orick Community Services District, Distribution Expansion & Water Storage](#)

**Location:** Humboldt

**Benefit:** TRIBE = no; DAC = yes; SEVERELY DAC = yes

**Total Project Budget:** \$1,507,500 **NCRP Budget Request:** \$1,507,500

**Project Abstract:** Expand Orick's CSD water distribution system to outlying residences down Hufford Rd and north on Highway 101 to Bald Hills Road. Complete the design for a second water storage tank as part of the CSD distribution system. Expanding the distribution system and upgrading storage will eliminate the need for the outlying residences to rely on private surface water diversions, subsequently keeping the flows currently diverted instream.

**TPRC Project Review Final Score: 42.13**

[Resighini Rancheria, Conservation Measures to Address Drought](#)

**Location:** Tribal land

**Benefit:** TRIBE = yes; DAC = yes; SEVERELY DAC = yes

**Total Project Budget:** \$492,000 **NCRP Budget Request:** \$342,000

**Project Abstract:** The proposed project seeks to implement several water conservation measures for the Resighini Rancheria tribal community to address drought conditions and protect precious groundwater associated with the lower Klamath River. Resighini Rancheria is served by a Tribal community water system (EPA PWS# 0605057) that includes two pumps that draw from the same groundwater aquifer, a 40,000-gallon storage tank, and distribution system. The project would include a secondary water storage tank of at least 60,000 gallons and associated piping; water meters and gate valves; a telemetry system; and leak detector equipment to efficiently identify and resolve leaks in the system. The

improvements would ensure the uninterrupted delivery of water to the Resighini Rancheria community during drought conditions, reduce the impact to precious groundwater and improve public health conditions.

**TPRC Project Review Final Score: 53.69**

[Resort Improvement District No.1, Shelter Cove Well Site Improvements](#)

**Location:** Humboldt

**Benefit:** TRIBE = no; DAC = yes; SEVERELY DAC = yes

**Total Project Budget:** \$134,000 **NCRP Budget Request:** \$95,000

**Project Abstract:** To further develop unused District well site for a cost of \$95,000. Well site produces a high quantity of water (over 55 gpm), but currently with poor water quality to due elevated levels of magnesium chloride & discolor. Project funds requested would cover engineering, permitting, & construction costs to construct/install water tank, pumps, controls, 10'x10' protective building, improved vehicle access & rock/slope protection for adjacent drainage to improve water quality & safe access.

**TPRC Project Review Final Score: 47.47**

[Salmonid Restoration Federation, Redwood Creek, South Fork Eel River Storage and Forbearance Program](#)

**Location:** Humboldt

**Benefit:** TRIBE = no; DAC = yes; SEVERELY DAC = yes

**Total Project Budget:** \$650,000 **NCRP Budget Request:** \$500,000

**Project Abstract:** SRF will identify and design strategic storage and forbearance opportunities along Redwood Creek within the vicinity of the town of Briceland and downstream. SRF will develop a Storage and Forbearance Program to manage future implementation: landowner coordination, permit compliance support, and ongoing community outreach. Approximately five sites with ~250,000 gallons of total storage would be designed and permitted to ensure that flow augmentation remains instream to benefit salmonids.

**TPRC Project Review Final Score: 50.71**

[Sanctuary Forest Inc., Mattole Headwaters Drought Relief Project](#)

**Location:** Humboldt

**Benefit:** TRIBE = no; DAC = yes; SEVERELY DAC = yes

**Total Project Budget:** \$4,560,000 **NCRP Budget Request:** \$4,560,000

**Project Abstract:** The project will address drought impacts on fish, wildlife and our local community. The project will also address the increased threat of wildfire due to drought and overly dense forests. Expected outcomes include 1) construction of off-channel ponds for direct flow augmentation during the driest months of the year; 2) installation of residential water storage and forbearance; 3) thinning of overly dense forests coupled with placement of instream wood for fish habitat.

**TPRC Project Review Final Score: 45.75**

[Scotia Community Services District, River Pumps Backup Generator Project](#)

**Location:** Humboldt

**Benefit:** TRIBE = no; DAC = yes; SEVERELY DAC = yes

**Total Project Budget:** \$722,875 **NCRP Budget Request:** \$722,875

**Project Abstract:** The Scotia Community Services District (SCSD) serves a severely disadvantaged community. The pumps that supply the water to the town do not have any backup power source, leaving the community prone to supply restrictions due to power outages and other emergencies. This project includes installation of a new diesel-powered

backup power generator and diesel storage tank for the District's river water intake pumps that supply drinking water, fire water, and industrial water to customers.

**TPRC Project Review Final Score: 42.64**

[Scotia Community Services District, Water Storage Tank Project](#)

**Location:** Humboldt

**Benefit:** TRIBE = no; DAC = yes; SEVERELY DAC = yes

**Total Project Budget:** \$4,122,000 **NCRP Budget Request:** \$4,122,000

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

**TPRC Project Review Final Score: 42.29**

[Scott River Watershed Council, Etna Creek Real Time StreamFlow Monitoring Project](#)

**Location:** Siskiyou

**Benefit:** TRIBE = partial; DAC = yes; SEVERELY DAC = yes

**Total Project Budget:** \$269,416 **NCRP Budget Request:** \$134,708

**Project Abstract:** Etna Creek stream flow is a critical stream system to the Scott River watershed and the sole water supply for the City of Etna. For Etna to evaluate its water supply, there is a critical need to establish a flow station on Etna Creek. Real time streamflow data would provide Etna the ability to implement water conservation efforts and comply with recent curtailment orders issued by the State. As snowpacks and precipitation decline, it is becoming increasingly important to have data that allows for effective water use management for both human and wildlife benefits.

**TPRC Project Review Final Score: 44.00**

[Scott River Watershed Council, Scott River Tailings Restoration, Long Pond Implementation, Phase 1](#)

**Location:** Siskiyou

**Benefit:** TRIBE = no; DAC = partial; SEVERELY DAC = no

**Total Project Budget:** \$813,524 **NCRP Budget Request:** \$698,236

**Project Abstract:** The Project will create 1 acre of complex, cold water refugia habitat for Coho Salmon with a science-based engineered design. The Technical Advisory Committee (CDFW, NMFS, NCRWQCB, UCD, SRWC, Stillwater Sciences) selected the 80-percent exceedance water surface elevation to provide a minimum inundation depth of 0.5 feet even during drought. This will offer suitable summer rearing habitat for Coho when most other Scott River summer habitat is dry or has lethal conditions.

**TPRC Project Review Final Score: 50.71**

[Sonoma County Regional Parks, Sonoma County Regional Parks Rainwater Catchment and Water Conservation Project](#)

**Location:** Sonoma

**Benefit:** TRIBE = no; DAC = partial; SEVERELY DAC = no

**Total Project Budget:** \$616,000 **NCRP Budget Request:** \$536,000

**Project Abstract:** Due to drought conditions, Regional Parks has identified an urgent need to develop new water sources at multiple parks to support park operations, grazing for fuel load reduction, and fire response. Regional Parks will partner with local RCDs to design and install 3 rainwater catchment and distribution systems to reduce trucking water, well water, and municipal water use at multiple parks. This project will conserve water for other uses and provide a demonstration of rainwater catchment systems.

**TPRC Project Review Final Score: 44.29**

[Sonoma County Department of Transportation and Public Works, Freestone Backwash System and Generator](#)

**Location:** Sonoma

**Benefit:** TRIBE = no; DAC = no; SEVERELY DAC = no

**Total Project Budget:** \$255,000 **NCRP Budget Request:** \$255,000

**Project Abstract:** Freestone currently has no backup relative to planned power shutoffs, which is required not only for operation during an outage, but also ongoing fire protection. In addition, the current system requires manual backwashing of filters several times a week. If replaced with an automatic system, it could continue to function in times of emergency. The County is proposing to address this through installation of a generator for the water system and automatic backwash system.

**TPRC Project Review Final Score: 37.03**

[Sonoma County Department of Transportation and Public Works, Jenner Smart Meters](#)

**Location:** Sonoma

**Benefit:** TRIBE = no; DAC = no; SEVERELY DAC = no

**Total Project Budget:** \$74,000 **NCRP Budget Request:** \$74,000

**Project Abstract:** CSA-41 is a small water system that serves approximately 128 connections. With meters over 20 years old, the system has been plagued by significant water loss (upwards of 50%). We propose installing Badger smart meters to accurately record water usage, encouraging conservation efforts.

**TPRC Project Review Final Score: 45.35**

[The Watershed Research and Training Center, Browns and Tule Creeks Drought Resiliency Storage and Forbearance Project](#)

**Location:** Trinity

**Benefit:** TRIBE = no; DAC = partial; SEVERELY DAC = partial

**Total Project Budget:** \$328,527 **NCRP Budget Request:** \$283,264

**Project Abstract:** Residents in the Browns and Tule Creek watersheds rely on the creeks for all their water needs. The WRTC will build off earlier outreach to private landowners to implement storage and forbearance projects improving domestic water resiliency during drought, while also conserving instream flow in these priority watersheds for anadromous fisheries. Each project will provide 30,000 gallons of domestic water storage per parcel and secure forbearance from diversion during the low-flow season.

**TPRC Project Review Final Score: 52.71**

[Weaverville Community Services District, Drought Resiliency & Water Reliability Project](#)

**Location:** Trinity

**Benefit:** TRIBE = no; DAC = yes; SEVERELY DAC = partial

**Total Project Budget:** \$676,700 **NCRP Budget Request:** \$597,600

**Project Abstract:** Project has 3 components. E Branch E Weaver Ck water conservation project: construct a new water

main & 2 fire hydrants to connect those in a critically underserved, high fire danger area in exchange for year-round forbearance of water rights. Proposed improvements to the WCSD Trinity River Diversion to enable increased withdrawals, reducing demand on tributary diversions. A feasibility study to expand WCSD service to Little Browns Ck watershed will assess design options & costs.

**TPRC Project Review Final Score: 52.36**

[Weott Community Services District, System Improvements](#)

**Location:** Humboldt

**Benefit:** TRIBE = no; DAC = yes; SEVERELY DAC = yes

**Total Project Budget:** \$1,950,000 **NCRP Budget Request:** \$1,950,000

**Project Abstract:** Repair or replacement of a bridge on State Parks property securing access to source water and points of diversion. Improvements to PODs to include: installing means to only divert water when water tanks need to be filled, installing water meters, and mitigating silting-in of detention dams. Upgrade existing transmission lines. Upgrade the WTP there are numerous deficiencies. Construction of already designed tanks, on sites owned by the district. This phase of the proposed project is shovel-ready

**TPRC Project Review Final Score: 47.66**

**ATTACHMENT B – NCRP MEMORANDUM OF MUTUAL UNDERSTANDINGS**

# Attachment

## Memorandum of Mutual Understandings Integrated Regional Water Management Plan November 11, 2010

### 1. PURPOSE

The purpose of this Memorandum is to establish the mutual understandings of North Coast area agencies, tribes and stakeholders with respect to their joint efforts towards an ongoing, adaptive North Coast Integrated Regional Water Management Plan (IRWMP) that will increase regional coordination, collaboration and communication and help in obtaining funding for water-related projects, watershed protection and enhancement, energy programs and projects, and climate change initiatives and increase regional economic vitality.

### 2. GOALS

The goals of the IRWMP are:

2.1. To develop a comprehensive plan to facilitate regional cooperation in providing water supply reliability, water recycling, water conservation, water quality improvement, storm water capture and management, flood management, watershed protection and enhancement, wetlands enhancement and creation, and environmental and habitat protection and improvement.

2.2. To foster coordination, collaboration and communication between North Coast agencies, tribes and stakeholders responsible for water-related and climate/energy issues and interested stakeholders, to achieve greater efficiencies, enhance public services, and build public support for vital projects.

2.3. To improve regional competitiveness for State and Federal grant funding.

### 3. DEFINITIONS

3.1. Integrated Regional Water Management Plan: The plan envisioned by state legislators, state resource agencies and local governments and stakeholders in the North Coast Region that integrates the projects and management plans of all water-related agencies, tribes and stakeholders in the North Coast Region, in order to foster coordination, collaboration and communication among those entities and to assist decision-makers in awarding grants and other funding. The plan will address water supply, water quality, wastewater, stormwater/flood control, watershed planning and aquatic habitat protection and restoration as well as economic development, assistance to disadvantaged communities, climate change mitigation and adaptation and energy independence.

3.2. Agency: A public entity, be it a special district, city or other governmental entity, responsible for providing one or more services in the areas of water supply, water quality, wastewater, recycled water, water conservation, stormwater/flood control, watershed planning, aquatic habitat protection, restoration, climate change mitigation and/or adaptation and local economic development.

3.3. Service Function: A water or climate-related individual service function provided by an agency or tribe, i.e. water supply, water quality, wastewater, recycled water, water conservation, stormwater/flood control, watershed planning, aquatic habitat protection or restoration, or energy programs

3.4. Project: An integrated, multi-benefit implementation activity in need of funding that addresses: water supply, water quality, wastewater, stormwater/flood control, watershed planning or aquatic habitat protection and restoration, local economic development, climate mitigation or adaptation and energy independence

3.5. Management Plan: An agency's, tribe's, or organization's plan, based in part on the land-use plans within the entity's jurisdiction, that addresses how that entity will provide service in the future in one or more of the following service functions: water supply, water quality, wastewater, recycled water, water conservation, stormwater/flood control, watershed planning, climate change mitigation/adaptation, or aquatic habitat protection or restoration.

3.6. Integration: Assembling into one document the water-related management strategies, projects and plans in the North Coast Region. The plan will identify water management and climate mitigation/adaptation strategies and priority projects for the region and demonstrate how these strategies and priority projects work together to provide reliable water supply, protect or improve water quality, provide watershed protection and planning, mitigate the effects of climate change, assist the region in adapting to climate change, provide local economic development – especially to disadvantaged communities - or provide environmental restoration and fisheries protection. Projects and plans would be categorized, and the regional benefits of linkages and interrelationships between multiple water and climate change management strategies, projects and plans of separate service functions would be identified, e.g. wastewater treatment and water recycling, stormwater/flood management, climate mitigation/adaptation or habitat restoration.

3.7. North Coast IRWMP Policy Review Panel (PRP). The governing and decision making body for the North Coast IRWMP, described in Section 5.4. The PRP reviews and approves plans and applications for grants or other types of financial assistance on behalf of the NCIRWMP and makes policy decisions on behalf of the NCIRWMP.

3.8. North Coast IRWMP Technical Peer Review Committee (TPRC). The panel is comprised of up to two technical representatives from each North Coast County and three tribal representatives. The TPRC representatives from each North Coast County will be appointed by the PRP members from each County. The tribal representatives on



the TPRC will be selected through the Tribal Representation Process attached hereto as Exhibit A. The TPRC is advisory to the PRP and evaluates and makes recommendations based on technical and scientific data. They will support staff in compiling and integrating projects and management plans of the North Coast region. Review committee members will define the process of compilation and integration including format, schedules, and ground rules to ensure process consistency and uniformity.

#### 4. IRWMP PROJECT PARTICIPANTS

4.1 Local Public Agencies. Public agencies, which have developed projects and management plans, and are devoting staff to the process, will contribute to the development of the NCIRWMP both via in-kind staff support and in some cases direct financial support. These agencies will be signatories to this Memorandum of Mutual Understandings. As authorized by the NCIRWMP Policy Review Panel, a local public agency may act as a contracting entity on behalf of the NCIRWMP.

4.2. Tribes. Tribes, which have developed projects and management plans, are responsible to their respective constituents and members, and are devoting staff to the process, will contribute to the development of the NCIRWMP both via in-kind staff support and in some cases direct financial support. These tribes will be signatories to this Memorandum of Mutual Understandings.

4.3 Contributing entities. Other entities (including, but not limited to, business and environmental groups, and landowner organizations) are considered valuable contributors to the process. Contributing entities will be kept informed via the NCIRWMP website, will continue to be invited and encouraged to participate in all meetings and workshops, and may be signatories to this Memorandum of Mutual Understandings.

4.4. State and Federal Agencies. Such agencies may include the Department of Water Resources, the State Water Resources Control Board, the North Coast Regional Water Quality Control Board, the California State Coastal Conservancy, Department of Fish and Game, National Oceanic and Atmospheric Administration, Environmental Protection Agency, Natural Resources Conservation Service, Department of Conservation, California Energy Commission, and Department of Energy. Such agencies will be invited to participate in a variety of ways, including but not limited to, providing input into the NCIRWMP planning process, and updating the PRP and staff on relevant legislative, policy, regulatory and funding initiatives and opportunities. If they cannot participate in work meetings, staff and representatives of the PRP and TPRC will keep them advised of project and plan progress and seek guidance as needed.

#### 5. MUTUAL UNDERSTANDINGS

##### 5.1. Need for a North Coast IRWMP

5.1.1. The North Coast IRWMP process is intended to foster increased coordination, collaboration and communication between North Coast agencies, tribes and interested stakeholders that may result in more effectively managed resources, cost efficiencies and better service to the public.

5.1.2. Also, representatives of state resource agencies and state legislators have suggested that qualification of some state grants and other funding criteria will require development and implementation of Integrated Regional Water Management Plans.

5.2. Subject matter scope of the IRWMP. The IRWMP will include, but may not necessarily be limited to, water supply, water quality, wastewater, recycled water, water conservation, stormwater/flood control, watershed planning and aquatic habitat protection and restoration, climate mitigation and adaptation, local economic development or energy independence programs. It is acknowledged that the management plans of each individual public agency or tribe are based, in part, on the land-use plans within an agency's or tribe's jurisdiction. Therefore, the NCIRWMP will by design incorporate the land-use plans and assumptions intrinsic to the respective service functions of these local agencies

5.3. Geographic scope of the IRWMP. The North Coast Region for this Memorandum is defined as the seven North Coast counties – Modoc, Del Norte, Siskiyou, Humboldt, Trinity, Mendocino, and Sonoma. These counties lie within the North Coast Hydrologic Region, even though some areas of some counties and individual agencies may lay outside the North Coast hydrologic region. Where it demonstrably supports the purpose of the NCIRWMP, as determined by the NCIRWMP Policy Review Panel, collaborations may extend beyond the NCIRWMP regional boundary into other counties and/or states. In the case of energy independence endeavors, boundaries may encompass full counties.

#### 5.4. Approach to developing the IRWMP

5.4.1. The first phase of the NCIRWMP formed the PRP and TPRC, developed a NCIRWMP website for stakeholder communication and data sharing, developed the North Coast IRWM plan, identified water management strategies for the region and the integrated priority projects that demonstrate how these strategies work together to provide reliable water supply, protect or improve water quality, provide watershed protection and planning, and provide environmental restoration and fisheries protection. Opportunities to identify regional benefits and linkages between multiple water management strategies among projects and plans of separate service functions were identified

5.4.2 Future phases of the NCIRWMP are expected to expand upon and further integrate existing strategies, add new regional strategies (including but not limited to climate mitigation and adaptation and energy independence) continue and enhance stakeholder outreach and inclusion, and coordinate and collaborate – where applicable – beyond the boundaries of the North Coast IRWMP with other regional, statewide and

national efforts that are relevant to NCIRWMP goals and objectives.

5.4.3 Policy Review Panel. The North Coast IRWMP Policy Review Panel shall consist of two representatives from each of the seven Counties (Modoc, Del Norte, Siskiyou, Humboldt, Trinity, Mendocino, and Sonoma) plus three tribal representatives selected by the North Coast tribes according to the "Tribal Representation Process" attached hereto as Exhibit A. Such County representatives shall be designees of the Board of Supervisors of the County. Each County shall also designate two alternates who have expertise in water, wastewater, land-use, or energy planning, and are familiar with the North Coast IRWMP process, and who may be members of the Technical Peer Review Committee. Each tribal representative may have one alternate who would be selected according to the Tribal Representation Process (Exhibit A), and who may be a member of the Technical Peer Review Committee. In the event that the elected or tribal representatives are unavailable for a particular meeting, the alternates may participate on their behalf. All meetings of the Policy Review Panel will be subject to and carried out in accordance with the provisions of the Ralph M. Brown Act. All PRP members acknowledge and agree that the PRP is subject to the Ralph M. Brown Act. Panel members may participate in panel meetings via teleconferencing, consistent with the requirements of the Brown Act.

5.5. Decision-making. Decision-making will be conducted by the North Coast IRWMP Policy Review Panel. The panel shall seek to arrive at a consensus if the need for a decision arises. If the panel cannot reach consensus, decisions shall be made as follows:

5.5.1. Quorum. Representatives or alternates constituting one-half or more of the total number of representatives on the Policy Review Panel shall constitute a quorum for purposes of transacting business or arriving at a decision.

5.2.2. One vote per representative. Each representative (or alternate, if a representative is not present) shall have one vote.

5.2.3. Majority vote. If a quorum is present, the affirmative vote of a majority of members of the Policy Review Panel present at a meeting is required to, and is sufficient to, approve any item of business or make any necessary decision.

5.6. Approval of the NCIRWMP. Review and approval of the final North Coast Integrated Regional Water Management Plan will occur by voting of the NCIRWMP Policy Review Panel, with input from the NCIRWMP Technical Peer Review Committee, North Coast region stakeholders and NCIRWMP staff. The NCIRWMP will also be brought before each North Coast County's Board of Supervisors for consideration and adoption. Tribes will approve the NCIRWMP according to the Tribal Representation Process.

5.7. Non-binding nature; termination and withdrawal. Execution of this Memorandum and participation in this IRWMP effort are legally nonbinding, and in no way impair an

agency or tribe from continuing its own planning or undertaking its own, separate efforts to secure project funding from any source. An agency or tribe may withdraw from this Memorandum and participation in the NCIRWMP at any time by notifying the NCIRWMP contracting entity in writing. Nothing in this Memorandum is intended to give the NCIRWMP or its Policy Review Panel any decision-making authority over matters within the jurisdiction of any signatory County, agency, or tribe.

5.8. Personnel and financial resources. It is expected that agencies, tribes, and organizations will contribute the personnel and financial resources necessary to develop the NCIRWMP.

5.9. Reports and communications. Staff and the Policy Review Panel and Technical Peer Review Committee will regularly report on their progress to the agencies, tribes, and stakeholders participating in the NCIRWMP process and the associations or organizations to which they belong that are involved in the NCIRWMP process.

6. Entirety of Memorandum of Mutual Understandings. This Memorandum of Mutual Understandings (MOMU) shall constitute the entire MOMU between the parties relating to the Integrated Regional Water Management Plan and shall supersede all prior MOMUs concerning the same subject matter.

#### 7. SIGNATORIES TO THE MEMORANDUM OF MUTUAL UNDERSTANDINGS

We, the undersigned representatives of our respective agencies or tribes, acknowledge the above as our understanding of how the North Coast Integrated Regional Water Management Plan will be developed and maintained over time.

\_\_\_\_\_  
Signature

\_\_\_\_\_  
Date

\_\_\_\_\_  
Printed Name

\_\_\_\_\_  
Agency / Tribe

\_\_\_\_\_  
Signature

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More signature blocks as required

## Exhibit A - Tribal Representation Process

November 2010

In response to a proposal endorsed by 20 tribes, the Policy Review Panel (PRP) of the North Coast Integrated Regional Water Management Plan (NCIRWMP) voted to establish three seats on the PRP and three seats on the Technical Peer Review Committee (TPRC) for tribal representatives.

The tribes of the North Coast region devised the following process to select representatives and approve the NCIRWMP. This process can be modified upon a unanimous vote of the three acting tribal PRP representatives. Modifications to this document will not require approval of signatories to the MOMU and will not be treated as a modification of the MOMU.

Exhibit A has been modified by the NCRP PRP Tribal representatives and is referenced in the North Coast Resource Partnership Leadership Handbook. Updates are posted prior to each solicitation for new Tribal Representatives on the NCRP Website.

~~Central and Southern – for the purpose of selecting tribal representatives to fill the PRP and TPRC seats. Tribes within each district may select one PRP representative and one TPRC representative. Each representative may have one alternate. Tribes within each district may use one of the following two options to select their representatives.~~

### Option 1:

~~When there is a vacancy for a tribal PRP or tribal TPRC seat in a given district, each tribe within the district will be given 31 days to select one nominee to fill the seat. The maximum number of vacancies for a given district would be two in the event that the tribal PRP and TPRC seats become vacant.~~

~~Each tribe may appoint one voting delegate. Each voting delegate will retain her/his status unless (s)he is removed or replaced by the tribe that appointed her/him.~~

~~At the end of the 31 day period allotted to nominate representatives, each voting delegate will be given ten days to cast one vote for each vacant seat in their district.~~

~~The PRP and TPRC nominees who receive the largest number of votes become the representative for that district. The PRP and TPRC nominees who receive the second largest number of votes may become an alternate representative for that district if they choose to do so. If not, then the representative with the third largest number of votes may choose to be the alternate representative for that district. Districts are not required to select alternate representatives.~~

### Option 2:

~~When there is a vacancy for a tribal PRP or tribal TPRC seat in a given district, each tribe within the district will be given 31 days to select one nominee to fill the seat. The~~

~~maximum number of vacancies for a given district would be two in the event that the tribal PRP and TPRC seats become vacant.~~

~~Each tribe may appoint one voting delegate. Each voting delegate will retain her/his status unless (s)he is removed or replaced by the tribe that appointed her/him.~~

~~The majority of voting delegates within a region can meet in person and/or by conference call and choose their district's representative(s), and alternate representative(s) if any, by consensus. All voting delegates within the respective region must be notified at least two (2) weeks in advance of this meeting. Voting delegates who cannot participate in this meeting must be contacted and consent to the decision(s) reached at the meeting. If a consensus cannot be reached, Option 1 must be utilized.~~

**~~Approval of the NCIRWMP:~~**

~~NCIRWMP review and approval will occur by voting of the three tribal PRP members with input from tribal TPRC representatives and tribal voting delegates.~~