



# **NORTH COAST INTEGRATED REGIONAL WATER MANAGEMENT PLAN**

**Implementation Grant Proposal  
Proposition 84, Round 2**

**ATTACHMENT 1:  
Authorization & Eligibility Requirements**

**Integrated Regional Water Management Program  
Applicant: Humboldt County**



## North Coast Integrated Regional Water Management Plan

### Proposition 84, Round 2 Implementation Grant

#### Attachment 1. Eligible Applicant Documentation

Below is the eligible applicant documentation for the County of Humboldt. Attachment 1 includes the authorizing documentation from the Humboldt County Board of Supervisors as Appendix A.

1. Is the applicant a local agency as defined in Appendix B of the Guidelines? Please explain.

**Response:** The County of Humboldt, a local agency as defined in Appendix B of the Guidelines, is the Applicant for the North Coast Integrated Regional Water Management Plan, (NCIRWMP), Proposition 84, Round 2 Implementation Grant application submittal.

2. What is the statutory or other legal authority under which the applicant was formed and is authorized to operate?

**Response:** The County of Humboldt was designated by the NCIRWMP Regional Water Management Group (NCRWVG) to enter into a grant agreement with the State of California and Department of Water Resources (DWR). The NCRWVG is comprised of Humboldt, Siskiyou, Mendocino, Del Norte, Modoc, Trinity and Sonoma counties and Sonoma County Water Agency and Mendocino County Water Agency. The Regional Water Management Group was formed from mutual interest and benefit and by County Board Resolutions: Mendocino County Authorizing Resolution No. 07-151; Humboldt County Authorizing Resolution No. 07-61; Siskiyou County Authorizing Resolution No. 07-128; Sonoma County Authorizing Resolution No. 07-625; Del Norte County Authorizing Resolution No. 2007-048; Modoc County Authorizing Resolution No. 07-32 and Trinity County Authorizing Resolution No. 07-79.

3. Does the applicant have legal authority to enter into a grant agreement with the State of California?

**Response:** The County of Humboldt has legal standing to enter into contractual relationships with the State of California and DWR. On March 19, 2013 the County of Humboldt Board of Supervisors adopted authorizing Resolution No. 13-13 giving explicit authority to submit the NCIRWMP Proposition 84, Round 2 Implementation Grant application and enter into and implement the grant agreement on behalf of the NCRWVG.

4. Describe any legal agreements among partner agencies and/or organizations that ensure performance of the proposal and tracking of funds.

**Response:** If the State awards an implementation grant to the NCIRWMP, the NCRWM Group will negotiate a subsequent agreement with the County of Humboldt and with participating entities for administration of the grant to ensure performance of the proposal and tracking of funds. All work conducted under the grant agreement with partner agencies and organizations will be executed by contract with the County of Humboldt. Contract agreements with partner agencies will include California Department of Water Resources (DWR) required provisions and will be consistent with the grant agreement.

## Groundwater Management Plan Compliance

The NCIRWMP Proposition 84, Round 2 Implementation Grant Proposal is comprised of projects that do not involve groundwater management or recharge, and that have no impacts on groundwater – either positive or negative. Examples of these projects include sediment reduction projects and riparian habitat enhancement projects to implement TMDLs or other NPS Plan objectives, as well as the repair or enhancement of infrastructure related to clean drinking water and stream water quality. These projects have very positive impacts on surface water, but are not expected to impact groundwater.

Although none of the projects submitted during this round have an impact on groundwater, the Humboldt Bay Municipal Water District has prepared a groundwater management plan to study larger regional/system wide issues related to groundwater. They have provided the following clarifying statement regarding their submittal of a Groundwater Management Plan to DWR in 2006:

***Humboldt Bay Municipal Water District, Carol Rische, General Manager (gm@hbmwd.com)***

*The Humboldt Bay Municipal Water District's source water is not groundwater and the District is not a groundwater user. However, in 2006, the District prepared a Groundwater Management Plan so as to be eligible for a Local Groundwater Assistance grant administered by DWR. The District received the Groundwater Assistance Grant to develop a groundwater model and conduct an important water supply study. The model and study were not focused on a traditional groundwater basin, rather the model was developed for a 1 mile stretch of the aquifer below the bed of the Mad River which is recharged by the District's surface water releases. The purpose of the study was to gain information about the subsurface system and aquifer that supplies drinking water to the District's Ranney Collectors to support important capital improvement projects (such as the Collector 1 lateral replacement project). The groundwater study had four primary components:*

- 1. Soil borings and monitoring well installation*
- 2. Geophysics subsurface imaging*
- 3. Development of a site conceptual model (in the reach of the Mad River where the District's Ranney Collectors are located)*
- 4. Development of a three-dimensional groundwater flow model that was used to plan and assist engineering design of the Ranney Collector lateral replacement projects.*

## **Urban Water Management Plans**

The NCIRWMP Proposition 84, Round 2 Implementation Grant Proposal includes one high priority project sponsored by an urban water supplier – Humboldt Bay Municipal Water District. Additionally, the City of Ukiah, an urban water supplier, will receive funds through a project by California Land Stewardship Institute to implement the Russian River Watershed Agricultural Water Conservation & Water Supply Reliability Program. Attachment 11 includes AB 1420 and Water Meter compliance self-certification documentation and original signed hard copies were submitted to DWR on March 29, 2013.

## **Progress on Meeting Current IRWM Plan Standards**

The NCIRWMP Plan was adopted in July 2005 and July 2007 and has entered into a binding agreement with DWR to update the Plan to the IRWM Plan Standards contained in the 2012 IRWM Guidelines, within two years of the execution date of an agreement between DWR and Humboldt County for a NCIRWMP Proposition 84, Round 2 Implementation Grant. The County of Humboldt received a Round 1 Proposition 84 IRWM Planning Grant and is in compliance with the terms of the Planning Grant Agreement. The North Coast region is on track to meet or exceed the current IRWM plan standards, and is developing the next iteration of the North Coast IRWMP via active and significant outreach and stakeholder engagement. Responses to Table 1, Overview of Selected IRWM Plan Standards can be found in Appendix B of this Attachment.

## **Consistency with an Adopted IRWM Plan**

### **Background**

The NCIRWMP integrates long term planning and high quality project implementation in an adaptive management framework—fostering coordination and communication among the diverse stakeholders in the Region. Focus areas for the NCIRWMP include salmonid recovery, enhancement of the beneficial uses of water, enhancement of failing infrastructure/public health challenges in disadvantaged communities, and the synchronization of state and federal priorities with local priorities, knowledge, and leadership. The goals of the North Coast IRWMP are to develop an ongoing and 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, recreation and access, wetlands enhancement and creation, and habitat improvement while fostering coordination, collaboration and communication among North Coast stakeholders.

The NCIRWMP was developed under the oversight of the North Coast Regional Water Management Group (NCRWVG). The NCRWVG is an innovative, stakeholder-driven collaboration among local government and Tribes in the North Coast region focused on integrated regional water management planning and implementation. The NCRWVG coalition consists of seven North Coast counties (Del Norte, Siskiyou, Modoc, Humboldt, Trinity, Mendocino, and Sonoma), Sonoma County Water Agency, Mendocino County Water Agency and North Coast Tribes. The NCRWVG has authorized Humboldt County to act on its behalf as the regional contract administrator for the NCIRWMP implementation and planning grants. Individual project proponents, under contract with the County of Humboldt, are responsible for project implementation.

## Attachment 1, Authorization and Eligibility Requirements

The NCRWMP governance framework consists of two committees – the Policy Review Panel (PRP) which is the governing and decision making body for the NCIRWMP and the Technical Peer Review Committee (TPRC), an advisory body to the PRP that provides scientific and technical expertise to the NCIRWMP.

At its June 24, 2010 meeting, the PRP considered a proposal brought forth by a coalition of Tribal governments and voted to include three Tribal representatives to the NCIRWMP Policy Review Panel and Technical Peer Review Committee – making the North Coast the region in California with the most formal Tribal involvement in governance and technical review. Changes to the governance structure were approved by all North Coast counties through a revised [Memorandum of Understanding \(MoMU\)](#) – the NCIRWMP guiding document (see Appendix B, Attachment 2, Adopted Plan and Proof of Formal Adoption).

**Policy Review Panel:** The North Coast IRWMP Policy Review Panel 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 NCIRWMP MoMU. The North Coast IRWMP 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. This group of Tribal members and elected officials provides direction and ultimate oversight to the NCIRWMP planning process. Having elected government and Tribal officials govern the North Coast ensures that all constituents in the region are represented in a democratic fashion. Decision-making is usually by consensus, with each member having one vote. When decisions cannot be reached by consensus, the majority opinion prevails. The North Coast IRWMP Policy Review Panel is committed to transparency and inclusion, supporting input from stakeholders from throughout the region, as well as information sharing via the website and workshops. All meetings are noticed in advance, open to the public, and all meeting summaries and information are posted on the NCIRWMP website. NCIRWMP meetings and activities are in compliance with the Brown Act.

**Technical Peer Review Committee:** The Technical Peer Review Committee (TPRC) is comprised of technical & scientific staff and other experts 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 NCIRWMP MoMU. The TPRC nominates and submits prospective Co-Chair nominees for Policy Review Panel selection and approval. The TPRC provides support to the Policy Review Panel via the evaluation of projects and plan development. Expertise on the TPRC includes fisheries, ecology, engineering, geology, agriculture, watershed planning and management, water infrastructure and energy.

### **Proposition 84 and 1E, Round 2 Project Prioritization and Selection Process**

The NCIRWMP is committed to transparency, stakeholder inclusion and process improvement. During 2011/12 the Policy Review Panel directed the evaluation and improvement of the approach to project review, ranking and selection for inclusion in regional implementation grant proposals. The process evaluation included an on-line survey and interviews with PRP members, TPRC members, project proponents and the general public to gather information and recommendations for improvement of the

## Attachment 1, Authorization and Eligibility Requirements

process. With this information, the NCIRWMP Application, Review and Selection Process Guidelines were developed and now define the process for project compilation, review, ranking and selection. The Guidelines include updated procedures for public input during the project review process, updated conflict of interest guidelines and project review scoring criteria. Public review of the document occurred September – October, 2012 and the PRP approved the Guidelines on October 18, 2012. A copy of the NCIRWMP Application, Review and Selection Process Guidelines are included as Appendix C of this Attachment.

Under the direction of the Policy Review Panel, the NCIRWMP Project Team performed public outreach and education about the IRWM process and funding opportunities via the North Coast website ([www.northcoastirwmp.net](http://www.northcoastirwmp.net)), workshops, presentations and publications. The website includes a mechanism for project application upload, as well as a variety of resources to support project proponents. All elements of the outreach and project identification process are public and intentionally transparent. During the Proposition 84 and 1E Round 2 project solicitation, forty-one projects were identified and uploaded to the website, with proposals totaling a combined funding request of nearly \$27,000,000. Projects were individually reviewed and scored by the TPRC using a score sheet based upon NCIRWMP and IRWM program criteria as defined in the [NCIRWMP Application, Review and Selection Process Guidelines](#). In mid January, 2013 the TPRC held a two day meeting to discuss all the projects and develop a slate of high priority projects that included the most highly ranked projects, while also considering regional representation, balance of project type and to address water needs in disadvantaged communities.

During the NCIRWMP meeting on January 17, 2013 the PRP unanimously approved the TPRC Priority Project portfolio recommendation for inclusion in the North Coast IRWM Proposition 84 Round 2 Implementation grant application. The NCRWMP conforms to Brown Act requirements and all NCIRWMP meetings are open to the public; meeting schedules are publicized months in advance, and meeting agendas are publically posted at the meeting location, NCIRWMP website and calendar and include standing agenda items for Public Comment. Appendix D of this Attachment includes the NCIRWMP PRP and TPRC Meeting Summary for January 17<sup>th</sup> that includes the record of unanimous approval of the recommended project slate of Priority Projects for inclusion in the NCIRWMP Proposition 84, Round 2 Implementation Grant application for submittal to DWR.

The total budget for the NCIRWMP Proposition 84, Round 2 Implementation Priority Projects was \$5,386,000, the cap established for implementation grants by the state IRWM grant program. All eligible projects are included in the NCIRWMP and the project list, scores and review summaries are listed at <http://www.northcoastirwmp.net/docs.php?oid=1000008897&ogid=1000002368>. All of the projects that were ranked by the TPRC and PRP are important projects for the region – individually and comprehensively addressing the goals and objectives of the NCIRWMP, as well as DWR's program preferences and statewide priorities. Following is a list of Priority Projects and their project proponents approved for inclusion in the NCIRWMP Proposition 84, Round 2 Implementation Grant proposal by Watershed Management Area.

### **North Coast Rivers Watershed Management Area**

- 101 - Big Rock Community Services District, Stabilize Water Storage Tank
- 320 - Mendocino County Resource Conservation District, Working Landscapes Riparian Enhancement Project
- 522 - Gualala River Watershed Council, Sediment Reduction Program: Lower Rockpile Creek Planning Watershed

### **Klamath Watershed Management Area**

- 421 - Siskiyou County, Septage Pond Closure
- 739 - Karuk Tribe, Lower Mid-Klamath (Red Cap /Perch Creek ) Habitat Protection-Road Decommissioning Implementation Project
- 740 - Yurok Tribe, Restoration of Lower Klamath River Habitats

### **Trinity River Watershed Management Area**

- 635 - Salyer Mutual Water Company, Distribution System and Hydrants
- 636 - Trinity County Resource Conservation District, West Weaver Creek - Channel and Floodplain Rehabilitation

### **Humboldt Bay Watershed Management Area**

- 206 - Humboldt Bay Municipal Water District, Ranney Collectors 1 & 1A Lateral Replacement
- 215 - Westhaven Community Services District, Water Tank

### **Russian River/Bodega Watershed Management Area**

- 316 - California Land Stewardship Institute, Fish Friendly Farming and Fish Friendly Ranching Environmental Certification in the Russian, Navarro, and Gualala River Watersheds
- 317 - California Land Stewardship Institute, Russian River Watershed Agricultural Water Conservation & Water Supply Reliability Program
- 523 - Gold Ridge Resource Conservation District, Coastal Watersheds Enhancement Project

## **Consistency with the North Coast Integrated Regional Water Management Plan**

The Priority Projects included in the NCIRWMP Proposition 84, Round 2 Implementation Grant proposal were added to the NCIRWMP Plan after its adoption in 2007, but were in accordance with the procedures in the plan and the approved Regional Acceptance Process for the NCIRWMP. Following is the section of the Regional Acceptance Process document for the NCIRWMP approved by the DWR in 2009 regarding the TPRC project review (see page 19,

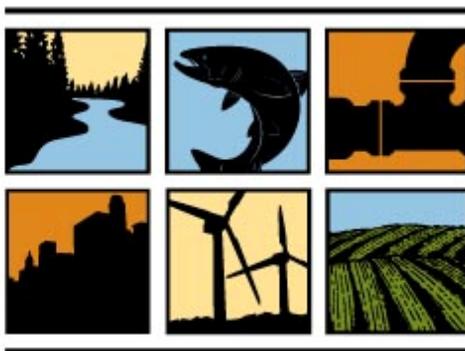
[http://www.northcoastirwmp.net/docManager/1000006846/NCIRWMP\\_RAP\\_042809\\_text\\_app.pdf](http://www.northcoastirwmp.net/docManager/1000006846/NCIRWMP_RAP_042809_text_app.pdf)).

### **Technical Peer Review Committee**

Each of the seven member county's Board of Supervisors or their Policy Review Panel designees appointed up to two individuals with a technical background related to integrated water management to the NCIRWMP Technical Peer Review Committee (TPRC). Members have experience in the following technical areas: engineering, watershed management, fisheries,

## Attachment 1, Authorization and Eligibility Requirements

restoration, water and wastewater infrastructure, agriculture, geology, community development, environmental planning and natural resources policy issues. The TPRC has two primary areas of responsibility: 1) provide technical peer review of NCIRWMP plans and other technical documents, and 2) review and recommend prioritization of identified projects, based on technical considerations and the criteria established by the State and the Policy Review Panel. The TPRC assisted staff and consultants in the development of equitable review process criteria based on state IRWM requirements, and provided input into the development of a uniform scoring sheet for project ranking for Round 1 and 2 Prop 50 funding (see Appendix 13, North Coast IRWMP Score Sheet and Appendix 7, North Coast IRWMP Projects). They are expected to fulfill a similar role for future prioritization processes. The TPRC reviewed and ranked all Phase I projects independently using the score sheet, then met to discuss those projects that ranked the highest. TPRC members who had any interest (financial or otherwise) in a project did not rank that project, and recused themselves and left the room during discussion of that project. All review was conducted in compliance with the regulations of the Fair Political Practice Commission, Title 2, Division 6, section 18700. Future project reviews will be conducted using the same methodology.



**North Coast Integrated Regional Water Management Plan  
Proposition 84, Round 2 Implementation Grant**

**Attachment 1, Authorization and Eligibility Requirements**

**APPENDIX A**

**County of Humboldt Authorizing Resolution**

**BOARD OF SUPERVISORS, COUNTY OF HUMBOLDT, STATE OF CALIFORNIA**  
Certified copy of portion of proceedings, Meeting of March 19, 2013

**RESOLUTION NO. 13-13**

RESOLUTION AUTHORIZING THE NATURAL RESOURCES PLANNING DIVISION OF PUBLIC WORKS TO SUBMIT AN APPLICATION FOR \$5,386,000 IN FUNDING TO THE DEPARTMENT OF WATER RESOURCES TO OBTAIN AN INTEGRATED REGIONAL WATER MANAGEMENT IMPLEMENTATION GRANT PURSUANT TO THE SAFE DRINKING WATER, WATER QUALITY AND SUPPLY, FLOOD CONTROL, RIVER AND COASTAL PROTECTION BOND ACT OF 2006, AND TO ENTER INTO AN AGREEMENT TO RECEIVE A GRANT FOR THE NORTH COAST INTEGRATED WATER MANAGEMENT PLAN IMPLEMENTATION GRANT; AUTHORIZING THE DIRECTOR OF PUBLIC WORKS TO PREPARE THE NECESSARY DATA, CONDUCT INVESTIGATION, FILE SUCH APPLICATION, AND EXECUTE AND ADMINISTER A GRANT AGREEMENT AND ANY AMENDMENTS THERETO WITH CALIFORNIA DEPARTMENT OF WATER RESOURCES.

WHEREAS, in 2004 the Board of Supervisors entered into a Memorandum of Mutual Understandings to participate in the development of a North Coast Integrated Regional Water Management Plan (North Coast IRWMP); and

WHEREAS, in 2006 the North Coast IRWMP Policy Review Panel unanimously appointed and the County of Humboldt accepted appointment to act as the administrating agency for North Coast IRWMP Grants; and

WHEREAS, the County of Humboldt is eligible to submit an application to the State of California, Department of Water Resources Proposition 84 Implementation Grants; and

WHEREAS, in 2010-2011, the County of Humboldt applied for and received funding for a Proposition 84 Planning Grant and a Proposition 84 Round 1 Implementation Grant.

NOW, THEREFORE, BE IT RESOLVED by the Board of Supervisors of the County of Humboldt that application be made to the California Department of Water Resources to obtain an Integrated Regional Water Management Implementation Grant pursuant to the Safe Drinking Water, Water Quality and Supply, Flood Control, River and Coastal Protection Bond Act of 2006 (Public Resource Code Section 75001 *et seq.*), and to enter into an agreement to receive a grant for the North Coast Integrated Regional Water Management Plan Proposition 84 Round 2 Implementation Grant.

FURTHER RESOLVED, the Director of the County of Humboldt Department of Public Works is authorized and directed to prepare the necessary data, conduct investigations, file such application, and execute a grant agreement with California Department of Water Resources.

FURTHER RESOLVED, the Director of the County of Humboldt Department of Public Works is authorized to sign contracts or agreements to carry out the activities of this grant, after review and approval by County Counsel and Risk Management.

**BOARD OF SUPERVISORS, COUNTY OF HUMBOLDT, STATE OF CALIFORNIA**  
Certified copy of portion of proceedings, Meeting of March 19, 2013

**RESOLUTION NO. 13-13**

Adopted on motion by Supervisor Lovelace, seconded by Supervisor Bass, and the following vote:

**AYES:** Bass, Lovelace, Sundberg, Bohn, Fennell

**NOES:**

**ABSENT:**

**ABSTAIN:**

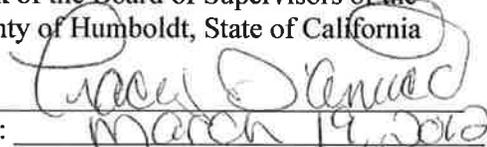
  
**RYAN SUNDBERG, Chair of the Board**

STATE OF CALIFORNIA  
County of Humboldt

IN WITNESS WHEREOF, I have hereunto set my hand and affixed the Seal of said Board of Supervisors.

**KATHY HAYES**

Clerk of the Board of Supervisors of the  
County of Humboldt, State of California

By: 

Date: MARCH 19, 2013



**North Coast Integrated Regional Water Management Plan  
Proposition 84, Round 2 Implementation Grant**

**Attachment 1, Authorization and Eligibility Requirements**

**APPENDIX B**

**Overview of Selected IRWM Plan Standards**

## Overview of Selected IRWM Plan Standards

**GOVERNANCE** - *Q: Will the governance structure need to be altered in the Updated IRWM Plan in order to ensure that balanced access and opportunity for participation in the IRWM effort is provided?*

### **Section 2 (new) "Governance and Coordination"**

Yes. Alterations to improve the governance structure include

- Formal Tribal representation on the Policy Review Panel (PRP) in the form of three Tribal members that represent Tribes from Northern, Central and Southern districts of the region. Each representative may have one alternate.
- Formal Tribal representation on the Technical Peer Review Committee (TPRC) in the form of three Tribal members that represent Tribes from Northern, Central and Southern districts of the region. Each representative may have one alternate.
- Tribal representatives were selected by the North Coast Tribes according to the "Tribal Representation Process" as defined in the NCIRWMP MoMU
- Meaningful engagement of North Coast Tribal Nations in the NCIRWM planning process will be enhanced through a Tribal Coordinator
- Economically disadvantaged communities are represented on the PRP and TPRC
- Addition of Executive Committee (EC) composed of PRP Chair, PRP Vice-Chair, and a rotating member with two-year appointment; EC is a Standing Committee responsible for time-sensitive decisions and daily operations
- A new name and logo for the NCIRWMP: During December 2012 meeting, PRP approved "North Coast Resource Partnership" (NCRP) as the broader umbrella name for the regional planning effort, with the understanding the NCRP will continue to update the Plan (which shall continue to be called the North Coast Integrated Regional Water Management Plan) and develop NCIRWM implementation projects
- **Appendices** present updated Governance Documents (including current MoMU, signatories, new letters of support, PRP/ TPRC/ EC membership)

**REGION DESCRIPTION** - *Q: Has the regional description changed significantly?*

### **Section 5 (updated) "North Coast Region Description"**

Yes. Significant changes to the North Coast region description include (1) updates to existing text and statistics (e.g. demographic, socioeconomic, economic indicators & trends, water supply & demand, water quality, infrastructure changes) and (2) new information and analyses, including

- Climate change characterization (baseline, projected; qualitative, quantitative), derived in part from the preliminary North Coast Climate Change Vulnerability Assessment (CCVA), underway (see Standard "Climate Change")
  - Regional climatic and hydrologic variables identified and assessed in the CCVA include air temperature & variability; precipitation totals & variability; sea level rise; flooding risk; drought frequency; snow pack; wildfire risk; groundwater recharge; PET; annual runoff & variability; and water quality
  - North Coast sectors identified and assessed in the CCVA comprise both natural systems (e.g. terrestrial, riparian, and coastal; species, ecosystems, and processes) and human/built systems (e.g. forestry agriculture; urban and infrastructure; energy capacity and demand; water supply and demand; coastal fisheries and resources; and recreation, including aquatic sports and recreational fishing or harvesting)

## Attachment 1, Authorization and Eligibility Requirements, Appendix B

- Addresses historical and emerging North Coast region jurisdictional issues or conflicts (an ad hoc committee of the NCIRWMP currently is developing recommendations for consideration by the PRP)
- Updated description of regional and local water governance

### **Section 6 (updated) "Key Issues Impacting North Coast Waters & Watersheds"**

Section 6 augments the descriptive information presented in Section 5, discussing implications for NCIRWMP planning and implementation of several key water and watershed issues. Significant changes from the 2007 NCIRWMP "Issues" section include (1) updates to existing text/ statistics and (2) new analyses including

- New emphasis on land and water management issues with reference to how they currently are being addressed by entities, plans, and programs in the Region
- New emphasis on stormwater and flood management, groundwater assessment and management, sea level rise, climate change vulnerabilities
- New emphasis on land use planning as it relates to water management
- CCVA identifies at-risk communities, populations, and water-related sectors
- Description of process to update issues, including soliciting input from the PRP, TPRC, agencies, and local stakeholders; includes conducting/ vetting the CCVA

**Appendices** related to Sections 5 and 6 present

- Updated data/ descriptions of the Key Watershed Features presented in the 2007 NCIRWMP (e.g. Coho/ salmonids, impaired water bodies, protected areas, listed species, others as identified during this update)
- A cross-walked matrix indicating specific points of integration between Key Water & Watershed Issues and (1) NCIRWMP Goals & Objectives and (2) NCIRWMP implementation projects
- The complete tabular, mapped, and written results of the North Coast Climate Change Vulnerability Assessment (CCVA)

**OBJECTIVES** - *Q: Will your objectives change from those in the current IRWM Plan? If so, how?*

### **Section 4 (updated) "NCIRWM Plan Goals & Objectives"**

Yes. NCIRWMP update retains the 2007 objectives (they are slightly modified) and also incorporates new objectives meant to address emerging priorities identified since the 2007 NCIRWMP and to emphasize local autonomy

- New objectives address Tribal priorities; infrastructure improvement; economic vitality, local energy independence; climate change vulnerability assessment and strategy development; energy-water efficiency and conservation; groundwater assessment and conjunctive management; integrated flood and stormwater management; and integrated land and water use planning; and NCIRWMP Plan and project performance indicators
- Updated goals (previously "themes"), each subsuming one or more objectives
- Tiered approach relates local priorities and objectives to those of the NCIRWMP Plan and the state; emphasizes objectives that are priority for regional stakeholders, local stakeholders, and all stakeholders
- Describes process to identify, vet, and update the NCIRWMP Goals & Objectives
- Proposes a suite of measurable "performance metrics" (indicators) associated with each objective, to facilitate Plan and project performance evaluation
- **Appendices** present several cross-walked matrix tables indicating specific points of integration between the NCIRWMP Goals & Objectives and other Plan elements (see Standard "Integration")

**RESOURCE MANAGEMENT STRATEGIES** - *Q: Will the Updated IRWM Plan consider the resource management strategies from the California Water Plan, Update 2009?*

**Section 8 (new) "Resource Management Strategies"**

Yes. Section 8 was newly developed to present the following

- A list and description of the state-recommended RMS determined to be applicable to the NCIRWMP (including Natural Resources & Land Management, Water Supply Reliability, Water Supply Increase, Water Quality Protection & Improvement, Flood Risk Management, Climate Change Adaptation & Mitigation)
- A list of RMS not addressed by NCIRWMP and brief discussion of why
- Discussion of the added benefits of NCIRWMP integration of multiple RMSs
- **Appendix** presents a cross-walked matrix table indicating specific points of integration between the NCIRWMP Goals & Objectives and the RMS (see Standard "Integration")

**INTEGRATION** - *Q: Will the process used in the Updated IRWM Plan allow, encourage, and actively pursue integration in both the planning process and project formulation and implementation?*

**Sections Throughout**

Yes. The NCIRWMP update advances the integration of NCIRWM processes and of project/ program planning and implementation activities; addresses multiple geographic scales; cross-walks interrelated Plan standards and document elements; and highlights the diversity of local and regional interests and priorities

- Integration of local and regional priorities, with increased emphasis on developing and implementing local projects to achieve regional objectives and statewide priorities, using different approaches in different North Coast areas
- Integration of local water and land use planning (as described in Standard "Relation to Local Water Use [and] Local Land Use Planning")
- Integration across geographic scales (e.g. county, Tribal area, municipality, watershed, WMA) of Key Watershed Attributes, by addressing salmonids, climate change, water quality, and other regional issues at the local planning level
- Integration of NCIRWM Plan elements: **Appendices** present several cross-walked matrix tables indicating specific points of integration between various NCIRWM Plan elements and the broad range of local, regional, and/or statewide priorities; cross-walked points of integration are identified for
  - NCIRWMP Goals & Objectives x Statewide Goals and Priorities
  - NCIRWMP Goals & Objectives x Local Priorities (e.g. of projects)
  - NCIRWMP Goals & Objectives x Key Water & Watershed Issues
  - NCIRWMP Goals & Objectives x Resource Management Strategies
  - NCIRWMP Goals & Objectives x Local Water & Land Use Plans
  - Local Water & Land Plans x Statewide Goals and Priorities
  - NCIRWMP Implementation Projects x Key Water & Watershed Issues

**PROJECT REVIEW PROCESS** - *Q: Will the project review process consider climate change vulnerabilities and greenhouse gas emissions (for both construction and operation)?*

**Section 10 (new) "Plan Implementation: Impacts and Benefits"**

Yes. The "NCIRWMP Project Application, Review and Selection Process Guidelines," developed in 2012 by an ad hoc committee of the NCIRWMP, vetted by stakeholders, and applied to IRWM

## **Attachment 1, Authorization and Eligibility Requirements, Appendix B**

Proposition 84 Round 2 Implementation, included the question/ criterion "Does the project measurably address climate change by reducing GHG emissions, carbon, or water demand or by incorporating energy efficiency or other strategies?" The criterion addressed climate change among other "Project Benefits" criteria, with a possible score of 0-5 and a weighing factor of 3 (out of 3). Although individual criteria did not explicitly score "climate change vulnerabilities," overarching criteria do require projects "address one or more NCIRWMP objectives," which may include the objective to "Assess climate change effects, impacts, vulnerabilities, and strategies for local and regional sectors". The recently developed NCIRWMP plan section focused on climate change vulnerabilities – based on a recent Climate Change Vulnerability Assessment performed for the North Coast region – will guide future rounds of project review.

**TECHNICAL ANALYSIS** - *Q: Have any data gaps been identified and how will the Updated IRWM Plan help fill the gaps?*

### **Section 14 (new) "References and Technical Analyses"**

Yes. Section 14 was newly developed to present the following

- Priority data gaps identified by the NCIRWMP and stakeholders, including
  - Tribal objectives, priorities, issues, and efforts (addressed in part via Tribal Outreach Coordinator and formal Tribal PRP & TPRC participation)
  - Climate change vulnerability and climate strategies development (addressed in part via a North Coast Climate Change Vulnerability Assessment and additional climate change analysis)
  - Groundwater monitoring data and water quality data (addressed in part via project selection, implementation, and evaluation)
- Table summarizing NCIRWMP studies and data (per 2012 IRWM Guidelines)
- Synthesis of current water-related plans, planning efforts, and projects occurring in the North Coast region (updated list generated by literature review and targeted interviews with local planning departments and others)
- Several new reports developed specifically for the NCIRWMP inform and update the NCIRWMP Plan on climate change in agriculture; wastewater and water supply; energy independence, emissions reduction, job creation, and climate adaptation; biomass; flood/ stormwater; and land use and regional planning
- Allocation of sub-contracts to Counties and Tribes (using a review and scoring process developed by an ad hoc committee of the NCIRWMP) to develop proposals that allow for progress on local project planning activities which align with regional NCIRWMP Goals & Objectives; findings will identify local planning priorities, provide local planning data, and highlight remaining data gaps

**RELATION TO LOCAL WATER USE PLANNING and RELATION TO LOCAL LAND USE PLANNING** - *Q: Will changes to the existing IRWM Plan be needed in order to improve coordination with local water use and land use planning efforts? With local water use and planning efforts?*

### **Section 9 (new) "Relation to Local Water and Land Use Planning"**

Yes. Through development of this new section, the NCIRWMP will update the Plan to reflect updates in existing local plans, and will better assist local planning entities with their priority local planning activities that are in alignment with the NCIRWMP Goals & Objectives, including via

- A current and comprehensive synthesis of local planning efforts (and, by extension, of planning needs), including an updated list in the Appendix of local water use and land use planning documents, programs, and recommended strategies for North Coast counties, municipalities, and WMAs

## Attachment 1, Authorization and Eligibility Requirements, Appendix B

- Interviews with County and municipal planning (and related) departments, local Resource Conservation Districts, Tribal Planning Departments, and others to solicit input regarding current planning efforts and strategies, and to identify potential points of coordination to better link water/land use decisions
- Subcontracts to Counties and Tribes (see Standard “Technical Analysis”) soliciting new planning data to inform the NCIRWMP in areas of land use policy; General Plan elements; climate mitigation and energy independence; climate adaptation planning; regional “greenprint” (i.e. regional conservation objectives; and model plans and policies
- **Appendices** present cross-walked matrix tables indicating specific points of integration between local water & land use plans and (1) the NCIRWMP Goals & Objectives and (2) Statewide Goals and Priorities (see Standard “Integration”)

**STAKEHOLDER INVOLVEMENT** - *Q: Will changes or improvements to the stakeholder involvement process be needed to ensure effective stakeholder participation?*

### **Section 3 (new) "Stakeholder Involvement"**

Yes. Ongoing improvements intended to facilitate robust stakeholder involvement in the NCIRWM Plan development process and in project implementation include

- Direct outreach to and input from Tribes, including (1) hiring a Tribal Outreach Coordinator and (2) designating representatives from North Coast Tribes to the North Coast IRWMP Policy Review Panel and Technical Peer Review Committee
- Outreach to small and/or economically-disadvantaged water suppliers and wastewater treatment providers via the *Regional Strategy for Small Disadvantaged Water and Wastewater Providers* program and *NCIRWMP Water & Wastewater Service Provider Outreach & Support Program* website and workshops
- One-on-one interviews in 2011/12 and in 2013 (underway) of PRP, TPRC, local planners, state and federal agencies, managers, and other regional and local stakeholders to solicit updated input on the NCIRWM Plan and process
- Suggestions for improvements to NCIRWMP processes that have been provided by PRP, TPRC, project proponents, and others during project review & selection meetings and at other open forums
- Circulation of latest Draft Annotated Outline for this NCIRWMP update (vetted by PRP and TPRC in February 2013; to be vetted by the public throughout May 2013; other opportunities as appropriate and feasible) and Drafts of the updated Plan
- Enhancements to existing NCIRWMP website to facilitate information sharing
- **Appendices** provide an updated list of stakeholder groups, which is expanded since the 2007 NCIRWMP; a full list of 2011/12 and 2013 interview questions and (anonymous) responses; and all comments to the NCIRWMP document drafts provided since the previous update.

**COORDINATION** - *Q: Has the RWMG identified a need for changes/improvements to the ongoing coordination efforts?*

### **Section 2 (new) subsection "Coordination"**

Yes. Maintenance and enhancement of the existing NCIRWMP cooperative framework will better address water resource needs by identifying and refining planning & implementation priorities; providing for efficient use of planning & implementation dollars; fostering an adaptive management approach; and ensuring equitable representation of local and regional stakeholders. The update includes

## Attachment 1, Authorization and Eligibility Requirements, Appendix B

- A Goal of “intraregional cooperation and adaptive management” with the associated objective to “provide an ongoing framework for inclusive, efficient intraregional and interregional cooperation and adaptive, accountable NCIRWMP project implementation” (retained objective from 2007 NCIRWMP)
- A new synthesis of local planning activities, data, and needs to help synchronize local planning efforts with state and federal priorities and regulations and to identify linkages between existing planning/ implantation efforts to foster coordination between land use planners, water managers, and the NCIRWMP
- Diagram relating existing state, regional, and local plans
- Description of all the ongoing opportunities for direct communication and collaboration between partners and stakeholders in the North Coast
- Current list of agencies, organizations, and other entities that have developed/are developing partnerships for land & water project planning/ implementation
- Current list of entities involved in the NCIRWMP, their jurisdiction, and the nature of their completed or planned coordination with the NCRP/ NCIRWMP

### **CLIMATE CHANGE** - Q: Will the Updated IRWM Plan contain [see (1)-(3) below “Appendix”]

Yes, updated existing sections (e.g. **Sections 5 and 6**, further described above) and a new **Appendix** (described below) will present the results and discuss the implications of the preliminary North Coast Region Climate Change Vulnerability Assessment (CCVA); a more comprehensive Climate Change Analysis (also per the Climate Change Handbook) will then enhance this preliminary assessment prior to completion of the NCIRWMP update, to include strategy identification and evaluation.

**Appendix** (new) “Climate Change Vulnerability Assessment (CCVA)” presents the full results of the North Coast CCVA and addresses *requested elements* as follows

#### (1) A climate change vulnerability assessment per CC Handbook

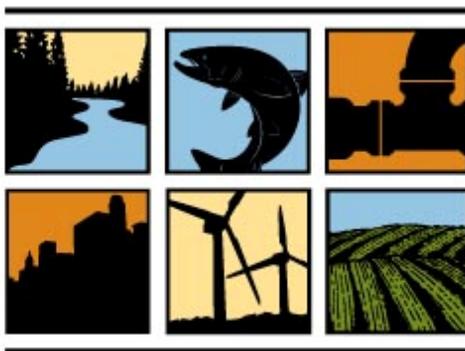
Climate Change Consultant is conducting a preliminary CCVA for the North Coast region, the tabular and mapped results of which are presented in this Appendix. The CCVA framework includes use of the qualitative checklist provided in the *Handbook*, but is significantly supplemented by incorporating brand-new downscaled (i.e. high-resolution) quantitative climate and hydrologic datasets, in order to improve the understanding of future conditions in the North Coast region.

#### (2) A list of prioritized vulnerabilities and the decision making-process

The preliminary list of vulnerable sectors and geographic locations identified by the CCVA will be vetted by both the NCIRWMP governing body (e.g. PRP, TPRC) and an array of regional and local stakeholders, to produce a defensible list of prioritized vulnerabilities. The full decision-making process will be clearly documented.

#### (3) A plan for further data gathering and analysis

The preliminary stakeholder-ranked list of vulnerable sectors and locations in the North Coast will be revisited and updated as appropriate and feasible, both with new stakeholder input and with additional data and analyses (climate response is an area of very active research in California, with expanded and improved datasets and analyses expected throughout 2013 and beyond). The current CCVA framework and completion of the CCVA will set the stage for more comprehensive Climate Change Analysis as part of the NCIRWMP update (e.g. will help direct and guide NCIRWMP climate adaptation and mitigation strategy development, Plan and project evaluation, project implementation under uncertainty; and project evaluation).



**North Coast Integrated Regional Water Management Plan  
Proposition 84, Round 2 Implementation Grant**

**Attachment 1, Authorization and Eligibility Requirements**

**APPENDIX C**

**NCIRWMP Application, Review and Selection Process Guidelines**

# North Coast Integrated Regional Water Management Plan



2012

**NCIRWMP Project**

**Application, Review and**

**Selection Process Guidelines**



**NORTH COAST INTEGRATED REGIONAL WATER MANAGEMENT PLAN**

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## **Background**

The North Coast Integrated Regional Water Management Plan (NCIRWMP) is committed to transparency, stakeholder inclusion and process improvement. At the July 21, 2011 NCIRWMP meeting, the Policy Review Panel (PRP) directed the formation of an ad hoc committee comprised of PRP and Technical Peer Review Committee (TPRC) members and staff to evaluate the existing approach to project evaluation and ranking and to develop a draft approach for consideration at future NCIRWMP PRP meetings. An on-line survey and interviews were conducted of ad-hoc committee members, TPRC members, and project proponents to gather information about the existing process and to make recommendations for improvement of the process. The interview summary and summary of recommendations can be found at (<http://www.northcoastirwmp.net/docs.php?ogid=1000002175>). With this information as the basis, the ad-hoc committee developed this NCIRWMP Application, Review and Selection Process Guidelines.

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## **Schedule for development and approval of the Project Application, Review and Selection Process**

- January 2012 NCIRWMP meeting: Report out of ad-hoc committee actions and summary of survey responses; PRP considered potential guidelines that the TPRC will use as a basis for project scoring; and discussed and provided direction on elements of the Project Application, Review and Selection Process
- January – July 2012: Ad-hoc committee and staff refined the Project Application, Review and Selection Process based on PRP/TPRC input; developed portions of the application, developed review and selection process based on the Draft IRWM Guidelines and Proposition 84 Implementation PSP (released in July).
- July 19<sup>th</sup> 2012 NCIRWMP meeting: Report out of ad-hoc committee actions; PRP and TPRC reviewed and provided direction regarding draft of the NCIRWMP Project Application, Review and Selection Process
- July – September 2012: Ad-hoc committee and staff refined the final draft of the NCIRWMP Project Application, Review and Selection Process based on PRP/TPRC input and Draft IRWM Guidelines and Proposition 84 Implementation PSP
- September 17 – October 12: The draft NCIRWMP Project Application, Review and Selection Process was posted to the website for public review and comment; and refinements made based on public input
- October 18<sup>th</sup> NCIRWMP meeting: PRP reviewed and unanimously approved the NCIRWMP Project Application, Review and Selection Process
- November 1: NCIRWMP project solicitation begins for Proposition 84, Round 2 Project Implementation grant application expected to be due March 2013

## Description of the NCIRWMP Project Evaluation Roles

### Policy Review Panel

The [Policy Review Panel](#) (PRP) is the governing and decision-making body for the North Coast IRWMP (NCIRWMP). The composition of the PRP and decision-making process is defined in Section 5.4 of the NCIRWMP [Memorandum of Mutual Understandings](#) (MoMU). The role of the PRP in the NCIRWMP project review and selection process is to set the policy, decision making criteria and framework for the process and to ensure that the process is fair, open and transparent. As the decision-making body, the PRP provides direction about how the project evaluation and selection process aligns with the NCIRWMP priorities by defining project review and selection guidelines (*see PRP Directed Guidelines for Project Scoring and Selection section*). Taking into account review and recommendations from the Technical Peer Review Committee, the PRP approves all projects included in the NCIRWMP and approves the region's highest priority projects for grant submittals. As defined in the MoMU, the PRP is subject to the Ralph M. Brown Act and is committed to transparency and inclusion, supporting input from stakeholders from throughout the region. All NCIRWMP meetings are noticed in advance, open to the public, and all meeting summaries and information are posted on the NCIRWMP website.

### Technical Peer Review Committee

The [Technical Peer Review Committee](#) (TPRC) is advisory to the PRP and evaluates and makes recommendations based on technical expertise and scientific data. The composition of the TPRC is defined in the NCIRWMP [MoMU](#) and is subject to the Ralph M. Brown Act. The role of the TPRC in the project review and selection process is to evaluate projects for technical merit based on their professional judgment and expertise, as well as on guidelines developed by the PRP and set by the funding solicitation. The TPRC prepares a draft suite of priority projects for review by the PRP. Scoring criteria and evaluation outcomes from the TPRC are available for public review.

### NCIRWMP Staff

The role of NCIRWMP staff during the project application, review and selection process is to facilitate and ensure the integrity of the process. Staff develops and coordinates project application materials; performs outreach and makes information available to the PRP, TPRC and stakeholders; clarifies outstanding issues; makes sure decisions are understood; maintains records; consolidates and summarizes TPRC review of project grant applications, and performs fact checking of state guidelines and criteria as necessary.

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# NCIRWMP Project Application, Review & Selection Process Overview

The NCIRWMP project application, review and selection process is a multi-step process:

## 1. NCIRWMP Plan Projects, Preliminary Project Information

Project proponents will upload Preliminary Project information to the NCIRWMP website on an ongoing basis; project proponents will submit a signed MoMU; staff will publish eligible NCIRWMP Projects (*see On-Going Project Inclusion Process below*).

## 2. NCIRWMP Project Solicitation, Supplemental Project Information

At the direction of the PRP and when there is a funding opportunity, a call for proposals will be announced to North Coast stakeholders. Staff will develop and make available Supplemental Project application materials based on the NCIRWMP priorities and the funding source solicitation and requirements. The project application materials will include an application, detailed instructions and a clear description of scoring guidelines and evaluation criteria, all of which will be reviewed by the TPRC and PRP and approved by the PRP. Project proponents will upload the Step 1 application materials to the NCIRWMP website. A Microsoft Word version of the NCIRWMP Step 1 project application will be made available for reference, for application development and for those project proponents that have limited access to the Internet. Staff will provide outreach, education and technical assistance via workshops and informal meetings by phone, internet and in person.

## 3. Individual TPRC review of NCIRWMP Project Applications

Staff will compile and provide application materials to the TPRC for review and scoring along with scoring/evaluation forms. The TPRC members will individually review and score the NCIRWMP Step 1 project applications for technical merit based on criteria as defined by the funding solicitation, NCIRWMP PRP defined guidelines (*see PRP Directed Guidelines for Project Scoring and Selection section*) and their professional expertise and judgment. TPRC members will provide individual scores to staff for compilation. Time allowance for the individual TPRC review of Step 1 project applications will be at least 2 weeks depending on the proposal solicitation timeframe. If two weeks is not available, the Executive Committee will determine the suitable duration to meet grant solicitation needs. TPRC members will review all projects referred to them unless they recuse themselves due to a potential conflict of interest.

## 4. Group TPRC review of NCIRWMP Project Applications

Staff will compile all TPRC individual scores to determine an average project score. TPRC members and staff will meet to discuss each project and may make adjustments to their individual scores based on the group discussion. Any necessary background information or project-level clarification will be provided to the TPRC by NCIRWMP staff. Staff will compile all updated TPRC individual scores to determine an updated average project score. TPRC review meetings will be open to project proponents and the public. The agenda at a formally noticed public meeting will include a thorough review of the NCIRWMP Conflict of Interest Guidelines as well as time for comment from the public (*see Conflict of Interest and Public Input Guidelines sections below*). All meeting deliberations, project scores, applicant and public input and recusals will be recorded.

**5. TPRC Selection of Draft Suite of NCIRWMP Priority Projects**

During the project review meeting, the TPRC will select a draft suite of NCIRWMP Priority Projects and draft budget amounts for each project. The selection will be based on technical project scores, project scalability and potential funding allowance, as well as the overall balance of projects based on the PRP's defined guidelines for project selection (*see PRP Directed Guidelines for Project Scoring and Selection section*) and the collective ability of the projects to meet NCIRWMP goals and be competitive for the funding opportunity. All meeting deliberations, public input and Conflict of Interest recusals will be recorded in the meeting minutes.

**6. PRP Review, Consideration and Final Approval of the Suite of NCIRWMP Priority Projects**

During a NCIRWMP meeting, the PRP will review and make adjustments to the draft suite of NCIRWMP Priority Projects recommended by the TPRC and will approve a final suite of NCIRWMP Priority Projects to forward to the funding entity. The PRP – comprised of elected public officials and elected Tribal representatives – will make their final decision based on TPRC recommendations, PRP guidelines and other factors that they believe represent the best interest of the North Coast region. The NCIRWMP Priority Projects list will be posted to the website and made available to the public. Project review scores and review meeting materials will be made available to the project proponents and, as requested, to the general public.

**7. NCIRWMP Priority Project Application Materials for Regional Proposal**

Depending on the source funding solicitation, NCIRWMP Priority Project proponents will be asked to provide additional project information to include in a competitive regional application. Additional information may include, but not be limited to, a detailed work plan, budget, schedule, economic cost/benefits analysis, monitoring & performance measures and technical documentation that support the project. Where feasible, NCIRWMP staff will provide technical assistance to those project proponents who require it.

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## **Guidelines for Public Input and Project Proponent Input during the Project Review Process**

All TPRC project review meetings will be noticed at least 72 hours in advance and will be open and welcoming to the public; a conference call-in number will be provided for project proponents so that they may listen to the meeting and provide input during the public comment period if desired. The meeting agenda and background materials to be used in the TPRC's decision-making will be available at the meeting location, posted to the NCIRWMP website 72 hours in advance of the meeting and mailed to any interested member of the public upon request.

The agenda will include time for public comment. Project proponents, interested stakeholders and members of the public will be invited to speak on any item on the TPRC's agenda during public comment. The TPRC may ask brief questions of the commenter for clarification, but will not engage in discussion or debate an issue with any member of the public. The TPRC chair(s) may place time limits on public comment, depending on the number of public that wish to speak. Public comment and materials delivered to staff from the public as part of public comment will be published on the NCIRWMP website.

In the event that the TPRC requests specific or detailed clarifying information from a project proponent, this request will be made to NCIRWMP staff and conveyed to the project proponent for response. All requests for clarifying information and the responses thereto will be documented and made available to the public via the NCIRWMP website.

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## **NCIRWMP Conflict of Interest Policy**

The NCIRWMP Conflict of Interest Policy will follow the [California Fair Political Practices Commission](#) (FPPC) guidelines and the intent of the guidelines to address obligations under the Political Reform Act's conflict of interest rules.

Under the FPPC rules, when a member has a conflict of interest, that member must publicly disclose the specific nature of the conflict and leave the room during discussion on the item. The FPPC guidelines seek to prevent conflicts of interest in two ways - disclosure and recusal.

"No public official at any level of state or local government shall make, participate in making or in any way attempt to use his official position to influence a governmental decision in which he knows or has reason to know he has a financial interest." (Political Reform Act; Gov. Code Section 87100)

"Assets and income of public officials which may be materially affected by their official actions should be disclosed and in appropriate circumstances the officials should be disqualified from acting in order that conflicts of interest may be avoided." (Gov. Code section 81002)

During the NCIRWMP project review and selection process, TPRC and PRP members will disclose any potential financial interest in a project. If a TPRC or PRP member has a potential conflict of interest, they will be expected to recuse themselves from making, participating in or in any way influencing a project scoring or selection decision.

In the interest of transparency, TPRC and PRP members will also disclose any history of contribution to the project including input in the grant development or project planning or other involvement that could potentially represent a real or perceived conflict of interest. Once disclosed, the TPRC and PRP member will determine whether these actions constitute a conflict of interest or will prevent an objective review of the NCIRWMP implementation project(s) and will determine if recusal is necessary. The PRP or TPRC member may wish to request the advice of their colleagues on the PRP or TPRC to make their determination.

Opportunities for disclosure and reporting will occur during the individual TPRC review of NCIRWMP projects, during the group TPRC project review and during the TPRC and PRP selection meetings. The project score sheets will include a checklist and comment box for TPRC members to disclose potential conflict of interest. Project review score sheets and meeting notes will document any conflict of interest disclosures and recusals. In addition, the TPRC Chair, or his/her designee, will be selected to provide oversight during the project review meetings and act as a facilitator of TPRC discussion should conflict of interest issues arise. The TPRC Chair (or his/her designee) will be supported by staff to ensure the process adheres to the Conflict of Interest Policy established by the PRP.

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## **On-Going Project Inclusion Process into the NCIRWM Plan**

### **Background**

Increasingly, funding opportunities for project implementation require or give preference to projects that are included in an IRWM Plan. The following process will provide a mechanism for including projects on an on-going basis into the NCIRWM Plan.

1. Project proponents will complete preliminary on-line project information:
    - Project Name
    - Organization Name, Type & Contact information
    - Project location address (for mapping purposes)
    - Funding Program names
    - Total project cost & Funding request
    - Start/End dates (tentative)
    - Alignment with NCIRWMP Objectives (selection boxes)
    - Project Summary & Goals
    - Project partners
    - Description of benefits (including if/how the project will benefit DACs)
    - Project management strategies/ project elements (selection boxes)
  2. Project proponent will submit a signed MoMU
  3. Staff will review the project and follow-up with project proponents regarding any eligibility concerns (Urban Water Management Plan, Groundwater Management Plan, proponent type)
  4. The TPRC will review and accept eligible projects
  5. Staff will 'Publish' eligible NCIRWMP Projects; project summaries will be included on the website; project locations will be included on the interactive map; and staff will report to the PRP at a NCIRWMP meeting
  6. Additional project information will be required when funding solicitations and calls for proposals occur; NCIRWMP project proponents will be allowed to edit preliminary project upload information.
  7. NCIRWMP Projects will be reviewed and scored by the TPRC if required by a respective funding solicitation; NCIRWMP Priority Projects will be selected by the PRP. NCIRWMP Priority Project proponents may need to adopt the NCIRWM Plan when completed as per the IRWM Guidelines.
-

## **Project Budget Under-runs and Funding Reallocation Process**

**Background:** In some cases, a NCIRWMP implementation project may complete under budget or otherwise not expend their entire grant allotment. Typically the funding agencies have allowed reallocation of funds to another project *within the suite* of projects included in the grant agreement for additional work toward the project. In previous instances where there has been funding to reallocate, the PRP has reallocated the funding to the projects within the county where the under-budget project occurred. The PRP members from that county have in turn determined how to reallocate the money to project(s) within that county.

It is expected that with current and future funding there will be projects that are completed under-budget and/or will have remaining funds to reallocate.

### **NCIRWMP Project Funding Reallocation Process**

1. The project funding reallocation will occur within the County where the original project is located and is within the existing suite of projects in the grant agreement.
  2. PRP members from the County and Tribal region where the original project is located will determine which projects receive reallocation and the amount of funding
  3. If the County of origin option is not available (i.e., no projects from the County 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 (at NCIRWMP 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. TPRC will review ad-hoc committee option recommendations
    - g. PRP will review and approve recommendations at the next PRP meeting
    - h. TPRC ad-hoc committee will be disbanded
  4. Future grant applications: During the TPRC and PRP review process, projects will be identified to receive priority should additional funding become available; priority will be given to projects within the County where the original projects are located.
-

## **PRP Directed Guidelines for Project Scoring and Selection**

### **Background**

The intent of the following PRP-directed project scoring and selection guidelines is to promote the implementation of NCIRWMP goals while allowing the flexibility to address specific regional priorities and funding source requirements. These guidelines are in addition to those defined by the NCIRWMP goals & objectives and IRWM Program or other funding source guidelines and scoring criteria. The PRP includes the following preferences and priority considerations in its decision-making process:

### **Regional Representation**

The PRP will make every effort to ensure geographic representation by including projects from each of the seven counties and from the north, mid and southern tribal areas of the North Coast Region. This guideline will apply only to those projects which are eligible for funding under the NCIRWMP and other state and federal requirements, and which have met the technical criteria established by the PRP and evaluated by the Technical Peer Review Committee.

### **Economically Disadvantaged Community (DAC) <sup>1</sup>**

In an effort to build capacity and extend services to communities that are under-served and/or limited by economic barriers, the TPRC will include screening criteria that will confer additional weight to projects that, in addition to meeting other NCIRWM criteria, will benefit North Coast DACs. The PRP reserves the right to prioritize DAC projects, based on a project's ability to mitigate threats to public health, watershed health, and the economic and public health benefits that project implementation would bring to these communities.

### **Programmatic Integration and Balance of Project Type to effectively implement NCIRWMP goals**

NCIRWMP goals: To support local autonomy and encourage cooperation; enhance public health & economic vitality in disadvantaged communities; restore salmon populations; enhance beneficial uses of water; and promote energy independence, emissions reductions and climate change adaptation.

- a) All project types should address grant requirements and NCIRWMP goals and priorities
- b) Programmatic integration and project type diversity will be achieved at the portfolio level - (e.g. small /individual projects not required to demonstrate integration of all priorities, yet they must contribute to a comprehensive suite of projects that achieve a multi-benefit, integrated program)
- c) Programmatic integration and project type diversity will be achieved over time and through multiple rounds of funding
- d) Projects that provide multi-benefits will be prioritized (where all else is equal)
- e) Projects that address specific targets as identified by the PRP, including specific North Coast objectives, challenges and opportunities (e.g., promote biomass-related projects, effective in-stream flow approaches, energy retrofits, drought or flood preparedness, effective instream flow approaches or specific funding opportunities) may be prioritized by the PRP.

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<sup>1</sup> *Definition for Economically Disadvantaged Community (DAC)\*: Department of Water Resources defines "disadvantaged community" as a community with an annual household income that is less than 80% of the statewide annual median household income*

## NCIRWMP TPRC Scoring Criteria

Please note that all Criteria are scored on a 0 – 5 basis with a weighting factor applied where:

- A score of 5 points will be awarded where the criterion is fully addressed and supported by thorough and well-presented documentation and logical rationale.
- A score of 4 points will be awarded where the criterion is fully addressed but is not supported by thorough documentation or sufficient rationale.
- A score of 3 points will be awarded where the criterion is less than fully addressed and documentation or rationales are incomplete or insufficient.
- A score of 2 points will be awarded where the criterion is marginally addressed and documentation is incomplete and insufficient.
- A score of 1 point will be awarded where the criterion is minimally addressed and not documented.
- A score of 0 points will be awarded where the criterion is not addressed.

Scoring Criteria	Weighting Factor	Range of Points Possible	Application Questions Used to Inform Score
<p><b>Eligibility Criteria</b></p> <p>Is the project eligible for the current funding solicitation?</p> <p>Does the project address at least one of the NCIRWMP Objectives?</p> <p>Does the project impact groundwater? Is there a Groundwater Management Plan in place or planned for the groundwater basin that will be impacted?</p>		<p>y/n</p> <p>y/n</p> <p>y/n</p>	<p><b>Project Information:</b></p> <ul style="list-style-type: none"> <li>• Project Description/Summary</li> <li>• Water Conservation Law Compliance</li> <li>• Groundwater Management Plan compliance</li> </ul>
<p><b>Project Description, Technical Basis and Tasks</b></p> <p>Does the Project Description include a clear problem statement?</p> <p>Does the scope of the project provide an adequate solution to the problem?</p> <p>Are the Project Description, Major Tasks and Deliverables of adequate detail and completeness that it is clear that the project can be implemented?</p> <p>Does the Proposal include appropriate and reasonable Major Tasks,</p>	2	<p><b>0 – 10</b> (0-5 x 2 = 0-10)</p>	<p><b>Project Information:</b></p> <ul style="list-style-type: none"> <li>• Project Description/Summary</li> <li>• Specific Goals and Objectives</li> <li>• Major Tasks and Deliverables</li> <li>• CEQA and Permitting</li> <li>• Project Type</li> <li>• Project Elements</li> <li>• Existing Plans and Reports</li> </ul>

Scoring Criteria	Weighting Factor	Range of Points Possible	Application Questions Used to Inform Score
<p>Deliverables and Timeframe for implementing the project?</p> <p>Do the goals and objectives of the Proposal help to achieve the goals and objectives of the NCIRWM Plan?</p> <p>Is the description of the scientific and technical basis for the project adequate?</p> <p>If the project benefits an economically disadvantaged community, can the scientific and technical basis for the project be made adequate with technical support?</p>			<ul style="list-style-type: none"> <li>Scientific and Technical Basis</li> </ul>
<p><b>Project Budget</b></p> <p>Is the budget of adequate detail and completeness so that it is clear that the project can be implemented?</p> <p>Are the task budget and the overall budget reasonable?</p> <p>If the project does not benefit a critical water supply or water quality issue for an economically disadvantaged community, does the project budget include a 25% non-state match that is reliable?</p> <p>Does this Proposal and budget respond to a valid financial need?</p> <p>Is the project budget appropriate for this funding solicitation? Can the project budget be scaled to be appropriate for this funding solicitation?</p>	2	<p><b>0 – 10</b> (0-5 x 2 = 0-10)</p>	<p><b>Project Information:</b></p> <ul style="list-style-type: none"> <li>Major Tasks and Deliverables</li> <li>Financial Need of the Proposal</li> </ul> <p><b>Project Funding: all</b></p>
<p><b>Project Readiness</b></p> <p>(1 year = 5 points, 2 years = 4 points, 3 years = 3 points)</p> <p>Has the project proponent implemented similar projects in the past? Does the project proponent have the capacity and resources to implement this project?</p> <p>What phase is the project currently in? Are there feasibility studies,</p>	1	<p><b>0 – 5</b> (0-5 x 1 = 0-5)</p>	<p><b>Project Information:</b></p> <ul style="list-style-type: none"> <li>Major Tasks and Deliverables</li> <li>Current Project Phase</li> <li>CEQA and Permitting</li> </ul> <p><b>Organization Information: all</b></p>

Scoring Criteria	Weighting Factor	Range of Points Possible	Application Questions Used to Inform Score
<p>assessments and/or design plans for this project?</p> <p>If the project does not benefit a critical water supply or water quality issue for an economically disadvantaged community, will the project be ready to implement by the time of contracting?</p> <p>Does the Proposal include an appropriate list of required CEQA and other permits to implement the project?</p>			
<p><b>Project Benefits</b></p> <p>Does the project successfully address a number of Statewide Priorities and NCIRWMP objectives?</p> <p>Does the project implement effective strategies and provide multiple benefits?</p> <p>Does the project appreciably benefit impaired water bodies, sensitive habitats or protected areas (i.e. Areas of Biological Significance, Marine Protected Areas, Critical Coastal Areas or other protected areas)? Will the project effectively improve conditions for salmonids and other endangered/threatened species?</p> <p>Does the project measurably address climate change by reducing GHG emissions, carbon, or water demand or by incorporating energy efficiency or other strategies?</p> <p>Are there likely other benefits not claimed as a result of this project? Are the qualitative benefits significant?</p> <p>Are the benefits claimed of a magnitude appropriate to the cost of project and the grant request?</p> <p>Is the Proposal part of a larger multi-phased project that leverages other</p>	3	<p><b>0 – 15</b> (0-5 x 3 = 0-15)</p>	<p><b>Project Information:</b></p> <ul style="list-style-type: none"> <li>• Project Description/Summary</li> <li>• Specific Goals and Objectives</li> <li>• Statewide Priorities</li> </ul> <p><b>Project Funding: all</b>  <b>Project Location: all</b>  <b>Project Strategies and Benefits: all</b>  <b>Project Benefits: all</b>  <b>Collaborative Partnerships: all</b></p>

Scoring Criteria	Weighting Factor	Range of Points Possible	Application Questions Used to Inform Score
<p>benefits and resources?</p> <p>Is this project supported locally and/or politically? Is there opposition to this project?</p> <p>Are their collaborative partnerships involved in the project?</p>			
<p><b>Project Benefits to Economically Disadvantaged Communities</b></p> <p>Is the project located in an economically disadvantaged community (DAC)?</p> <p>Does the project significantly improve a DACs public health, water supply and/or water quality?</p> <p>Was the description of how the project benefits the economically disadvantaged community adequate?</p> <p>With appropriate technical support can this project be adequately developed for this funding solicitation to benefit DACs?</p> <p>Will this project mitigate an existing or potential Cease and Desist Order or other regulatory compliance enforcement action?</p>	2	<p><b>0 – 10</b> (0-5 x 2 = 0-10)</p>	<p><b>Project Information:</b></p> <ul style="list-style-type: none"> <li>• Project Description/Summary</li> </ul> <p><b>Project Location:</b></p> <ul style="list-style-type: none"> <li>• Is the project located in a DAC?</li> </ul> <p><b>Project Strategies and Benefits: all</b></p> <p><b>Project Information:</b></p> <ul style="list-style-type: none"> <li>• Major Tasks and Deliverables</li> <li>• Current Project Phase</li> <li>• Regulatory Compliance Enforcement</li> </ul>
<p><b>Professional Judgment and PRP Directed Criteria</b></p> <p>Is the project a good fit for the current funding solicitation?</p> <p>Are there other funding or financing options available that are more suitable for this project?</p> <p>Is this partial funding to complete a quality project, partially funded by other sources?</p> <p>Does this project contribute to the goal of geographic representation?</p>	1	<p><b>0 – 5</b> (0-5 x 1 = 0-5)</p>	<p><b>Project Information:</b></p> <ul style="list-style-type: none"> <li>• Project Description/Summary</li> <li>• Specific Goals and Objectives</li> </ul> <p><b>Organization Information: all</b></p> <p><b>Project Strategies and Benefits:</b></p> <ul style="list-style-type: none"> <li>• NCIRWMP Objectives</li> </ul> <p><b>Project Location: all</b></p>

Scoring Criteria	Weighting Factor	Range of Points Possible	Application Questions Used to Inform Score
<p>Is this an important project for the North Coast region? Does this project effectively implement the NCIRWMP goals and objectives?</p> <p>Does this project contribute to the goals of programmatic integration and project type diversity at the project portfolio level?</p> <p>Is there general agreement among the TPRC members regarding the ranking of this project?</p> <p>Is this the project proponent's highest priority project submitted to the NCIRWMP?</p>			<b>Project Benefits: all</b>
<b>Total Score</b>		<b>0 - 55</b>	



**North Coast Integrated Regional Water Management Plan  
Proposition 84, Round 2 Implementation Grant**

**Attachment 1, Authorization and Eligibility Requirements**

**APPENDIX D**

**NCIRWMP Policy Review Panel and Technical Peer Review Committee  
Meeting Summary  
January 17, 2013**



## NORTH COAST INTEGRATED REGIONAL WATER MANAGEMENT PLAN

### **MEETING SUMMARY**

**North Coast Integrated Regional Water Management Plan (NCIRWMP)  
Policy Review Panel (PRP) & Technical Peer Review Committee (TPRC) Meeting  
January 17, 10 am – 3:15 pm, Ukiah Municipal Golf Course, 599 Park Boulevard, Ukiah**

#### **Welcome, Introductions and PRP updates regarding new and pending Board appointments**

Chair Mackenzie convened the meeting at 10, and introductions were made (see attendee list below)

Javier Silva introduced Chris Peters of Red Deer Consulting and announced that Red Deer Consulting was selected by the Tribal Coordinator ad hoc committee (formed during the NCIRWMP October meeting) as the consultant team to act as the North Coast Tribal Outreach Coordinator.

Chris Peters provided some background about himself and his work. He described that he was a Yurok Tribal member with a long history of Tribal outreach and community organizing. He is currently the President and CEO of Seventh Generation and recently established Red Deer Consulting with Angela Mooney D'Arcy. He looks forward to improving the Tribal coordination and communication amongst Tribes in the North Coast region.

#### **Review and Approve Agenda**

Approved

#### **Public Comment for items not on the agenda**

There were no public comments.

Chair Mackenzie described how a meeting with Department of Water Resources (DWR) staff in Sacramento on January 14 was productive with a frank and open exchange of views. In attendance were Tracie Billington, Margie Graham, Chair Mackenzie, Vice-chair Supervisor Morris, Grant Davis, Brad Sherwood, Ann DuBay, Jennifer Jenkins Kuzmar, Katherine Gledhill, Karen Gaffney and Hank Seemann by conference call. Vice-chair Supervisor Morris stated that it was important to reconnect with partners on a regular basis. Staff will update some housekeeping tasks and continue to communicate closely with DWR.

Chair Mackenzie stated that during the meeting, Tracie Billington provided some information about future IRWM trends including that the Governor's proposed 13/14 California State Budget was available proposing \$372 M for the remainder of Proposition 84 funding for the IRWM Program. The North Coast's remaining allocation is approximately \$20 M. Tracy Billington also mentioned that the Water Dialog will be meeting on

January 23 in Los Angeles and Angela Mooney D'Arcy of Red Deer Consulting will be presenting about Tribal Water Challenges.

## **NCIRWMP Proposition 84, Round 2 Implementation Priority Project portfolio selection (DECISION)**

Chair Mackenzie thanked Dale Roberts for standing in for TPRC Co-chairs Wayne Haydon and Sandra Perez as well as an alternate for Supervisor Carrillo who could not attend the January NCIRWMP meeting. He also thanked the TPRC for their voluntary contribution of many days reviewing project proposals and a two day session discussing the projects with other TPRC members. He described that TPRC members bring considerable professional expertise and experience to the review process. The TPRC was also thanked for adhering to the NCIRWMP Project Review and Selection Process Guidelines approved unanimously by the PRP. Chair Mackenzie stated that he had been briefed by TPRC Co-chair Wayne Haydon regarding the Jan 9-10 TPRC project proposal review meeting and the TPRC were reported to have served well in an open forum and a transparent process.

Karen Gaffney provided an overview of the NCIRWMP Prop 84, Round 2 Implementation Project Solicitation & Selection process and schedule. Dale Roberts provided a summary of the 41 project proposals received and described the project review and ranking process (see meeting presentation at <http://www.northcoastirwmp.net/docs.php?ogid=1000002360>)

Dale also summarized the TPRC's NCIRWMP Prop 84, Round 2 Implementation Project portfolio recommendation that includes 13 projects proposed for funding to total \$5,386,000 and 10 wait-listed projects in the case that a project backs out or additional funds became available (see Attachment A, North Coast IRWM Proposition 84 Round 2 Implementation Priority Projects).

### **Public Comment:**

Helene Chalfin, Jug Handle Creek and Nature Farm (wait-listed project) provided comments about the septic system chosen and described in the project proposal. A number of systems were evaluated and many were very expensive. The Orenco Advantex system was identified as the best system for the sensitive setting of the Jug Handle Preserve and is a packed-bed filter system for waste disposal.

Chair Mackenzie stated that input had been brought to Supervisor Carrillo's attention that questioned some aspects of the TPRC review process. Chair Mackenzie cautioned the TPRC and himself from making "flippant" comments during these important public meetings. It was noted that the PRP takes this input seriously and that it will be used to improve the project evaluation process including mechanisms to promote a respectful and professional persona during the public TPRC review meetings. A memo from Kara Heckert of Sotoyome Resource Conservation District, provided via e-mail was read aloud and entered into the public record.

*Thank you for letting me provide public comment on the NCIRWMP project ranking process. The Sotoyome RCD had staff representation present at both days of the proposal ranking by the TPRC. The process, in our view, was concerning for several different reasons, two of which we would like to highlight. We would also like to establish that although our proposal did not get selected for Round 2,*

*that is not the purpose of our comments. We, like all grant applicants, hope for a transparent and fair process and understand that sometimes our proposals will not be selected.*

*Our concerns are as follows:*

*We observed the influence of 1 individual of the TPRC exerted over what should be an open scientific process using qualified experts during the review process of our proposal in Austin creek and other Russian River proposals. We would like to see the TPRC further discuss and assess the qualifications necessary of TPRC members to evaluate and score technical projects components. The evaluation and ranking of projects with a geomorphic or hydrologic component should be evaluated by individuals with those qualifications and if not, technical experts on said projects should be sought.*

*Secondly we would like to see full recusal of TPRC members on projects where there could be a conflict of interest. We were concerned about the Russian River proposals and the parties on the TPRC that may benefit from such projects, or are partners in grant proposal project components, but still provided verbal comment after recusal or did not recuse themselves at all.*

*Thank you again for your consideration of these comments.*

**Discussion:** Chair Mackenzie polled staff and TPRC members to ask for their input regarding the review process. The TPRC and staff felt that the TPRC carefully and professionally followed the Project Application, Review and Selection Process guidelines adopted by the PRP. Sean White, Russian River Flood Control and Water Conservation Improvement District stated that he did make specific comments questioning the Austin Creek project's long term sustainability without ongoing intervention based on years of field experience working in the Austin Creek watershed while working for the Sonoma County Water Agency as a fisheries biologist. It was noted that the TPRC Chair Wayne Haydon, a licensed geologist employed by the California Geological Survey, with significant experience in North Coast river systems, participated in the project discussions. It unanimously agreed that the conflict of interest guidelines were followed, including the recusal process.

**Motion:** Chair Mackenzie – to authorize a letter to respond to concerns provided to the team from Kara Heckert and to state the intention to debrief with the TPRC and to continually improve the project review process

**Moved:** Supervisor Judy Morris; Second: Supervisor Mark Lovelace

**Discussion:** Bringing in additional technical support to help with the evaluation process was discussed, though it was felt that the TPRC represented a wide spectrum of expertise. It was also noted that when the TPRC had questions about projects, staff communicated with the project proponents for additional information or clarification.

Issues for improvement of the project review process were also discussed including: adding a question in the application that allows for more information on the technical background and merit of the project; and to work towards making the benefits review consistent

**Staff direction:** to debrief with the TPRC to capture continuous improvement ideas including those listed during the TPRC review meeting and interview all project proponents to obtain input for improving the process.

**Decision: Unanimous**

**Motion:** To accept/approve the TPRC recommended NCIRWMP Proposition 84, Round 2 Implementation Priority Project portfolio (see Attachment A, North Coast IRWM Proposition 84 Round 2 Implementation Priority Projects)

**Moved:** Supervisor John McCowen; Second: Supervisor Grace Bennett

**Recusals:** Dale Roberts and Javier Silva

**Decision: Unanimous**

## **NCIRWMP Planning Sub-contracts (DECISION)**

Karen Gaffney provided an overview of the Proposition 84 Planning Grant & Strategic Growth Council (SGC) grants. She described the proposed process and criteria for sub-contracts to counties, Tribes and their designees to accomplish high-resolution local planning to inform the larger NCIRWMP Plan (see meeting materials). Concerns about jurisdictional authority were raised and it was noted that a discussion of how to represent Tribal, county and other jurisdictional authority in North Coast plans and project selection is scheduled for the April meeting. It was suggested that the ad hoc committee could modify the process to clarify jurisdictional issues. See Attachment B for Draft Process and Criteria for Sub-contracts to Counties and Tribes.

### **Public Comment:**

Sean Ledwin, Hoopa Valley Tribe asked about the eligibility requirements for participation regarding the MoMU. Karen responded that all participants are encouraged to sign the MoMU which is nonbinding; and recommended that subcontractors be signatories to ensure they understand the intentions and objectives of the NCIRWMP Plan and to formalize their support.

**Motion:** Approve Proposed Process & Criteria for Sub-Contracts to Counties and Tribes

**Discussion:** Supervisor Marcia Armstrong stated that she could not accept as written

**Moved:** Supervisor Judy Morris; Second: Supervisor Gerry Hemmingsen

**Decision:** Nays – Supervisor Armstrong and Supervisor Bennett  
Ayes - Chair Mackenzie, Vice-Chair Supervisor Morris, Supervisor Hemmingsen, Supervisor Sundberg, Supervisor Lovelace, Supervisor McCowen, Supervisor Gjerde, Dale Roberts (alternate), Leaf Hillman, Javier Silva (alternate)

## **Formation of ad-hoc committees: Proposition 84 Planning Grant & SGC Planning Grant**

**Motion:** Formation of ad-hoc committees: Prop 84 Planning Grant & Strategic Growth Council Planning Grant

**Moved:** Supervisor Judy Morris; Second: Supervisor Marcia Armstrong

**Discussion:** Supervisor McCowen stated that historically, NCIRWMP ad hoc committees were comprised of interested PRP and TPRC members and all members were encouraged to volunteer. This process results in a good balance of PRP, TPRC and regional representation. An effective number of ad hoc committee members were determined to be 5-7 volunteers.

Volunteers for the Prop 84 Planning Grant & SGC Planning Grant ad hoc committee: Supervisor Marcia Armstrong, Javier Silva, Supervisor Dan Gjerde, Supervisor Judy Morris. Supervisor Morris will request Mark Lancaster's participation.

**Staff direction:** to send electronic notification to TPRC and PRP members as an invitation to join the ad hoc committee indicating that the work of the ad hoc committee is time limited.

**Public Comment:** none

**Decision:** *Unanimous*

### **Updates: Tribal Coordinator Consultant selection & process**

PRP had formed an ad hoc committee to select a Tribal Coordinator consultant. The ad hoc committee - comprised of NCIRWMP Tribal representatives and Supervisor Ryan Sundberg - reviewed and scored a number of strong proposals from Northern California. They met to discuss the proposals via conference call and unanimously decided to select Red Deer Consulting (Chris Peters). Contract negotiations are underway.

Javier Silva confirmed that a number of quality proposals were submitted and stated that it was critical to the ad hoc committee to select a consultant that had a strong Tribal affiliation and experience working on coordinating services in the North Coast. The selection process was rigorous and the proposals were very good and competitive. Javier Silva stated that he was disappointed with the project proposal submittal from Tribes for the Prop 84 Round 2 Implementation solicitation. Javier was noted for his dedication, leadership and work on this process.

### **NCIRWM Plan, Version 3 Review and Input Process (DECISION)**

Karen Gaffney provided some background about the DWR's requirements related to the plan standards and reviewed the proposed schedule for Plan review and adoption. The intention is to have substantial input from the TPRC, PRP, general public and stakeholders every step of the way. DWR has historically allowed the NCIRWMP to interpret the standards and their requirements. The NCIRWMP has made a strong and acceptable argument for local interpretation and autonomy. There will be an opportunity to discuss how the NCIRWMP wants to approach jurisdictional authority as well opting in or out of Plan elements, during the April 2013 NCIRWMP meeting. Jurisdictional boundaries were defined in the 2007 version of the NCIRWM Plan as watershed and county boundaries, and need to be updated to include Tribal, water and other jurisdictional authority. The ad hoc committee will develop materials to discuss at the April meeting.

**Motion:** Chairman Mackenzie – to accept staff recommendation for NCIRWM Plan, Version 3 review and input process. See Attachment C, NCIRWM Plan, Version 3 Review and Input Process and Attachment D, Draft Annotated NCIRWM Plan Outline to be reviewed by February 15.

**Public Comment:** none

**Decision:** *Unanimous*

## North Coast Resource Partnership (NCRP) logo

Karen Gaffney presented the logo elements (see meeting presentation) and proposed that the elements could be used in different variations for NCRP letterhead, document cover pages, website banner, and conference materials. The intent of the logo element design is to be graphically simple and immediately conveys a concept; the design elements do not need to be an accurate or actual representation of the concept.

**Discussion:** NCIRWMP PRP and TPRC members discussed the merits of the logo elements and made a number of suggestions for design refinements including:

- The basket icon that is shown represents a “coil basket” rather than the appropriate “twine basket” and appears like a southern Californian Tribal basket design. Make appropriate changes to represent North Coast Tribal basket design. Include a brighter background that provides greater contrast.
- There was concern that the row crop image was too corporate. Suggestions included adding features in the horizon, adding people/farmer
- The red background may need to be lighter or eliminated
- It was suggested to add more definition to the urban element. Include a brighter background that provides greater contrast.
- It was suggested that the pipe element should have a blue background and the pipe should be flipped vertically
- There was general agreement that the Resource Partnership part of the name was stronger with smaller font

**Staff direction:** to finalize logo based on input received.

## Updates

- Katherine Gledhill provided an update on Executive Committee actions and PRP direction and resulting staff actions (meeting presentation posted to NCIRWMP website <http://www.northcoastirwmp.net/docs.php?ogid=1000002360>).
- Paul Kelley provided an update on his presentations and meetings with North Coast Boards of Supervisors and agency staff (meeting presentation posted to NCIRWMP website <http://www.northcoastirwmp.net/docs.php?ogid=1000002360>).
- Jen Jenkins provided an update on North Coast contracts (meeting presentation posted to NCIRWMP website <http://www.northcoastirwmp.net/docs.php?ogid=1000002360>).

Tim Anderson provided an update regarding legislative news affecting the North Coast, including an update on future Water Bonds. There is an expectation that some version of the current water bond is expected on the 2014 ballot but could be addressed through legislative action in 2013. The existing water bond is currently on the 2014 ballot for \$11.1 billion, but is presumed to be modified. The Sonoma County Water Agency is considering re-forming the Water Bond Coalition to engage in the water bond discussions and process. Crafting a viable water bond is an important issue as there is currently no other future funding for the IRWM program.

Another funding source for the North Coast Resource Partnership may be AB 32, Global Warming Solutions Act or carbon cap-and-trade program that has the potential to bring in considerable funding which could be allocated to local governments, potentially for local multi-benefit programs.

The Public Utilities Commission recently provided \$71 M to two new local government pilot programs in Southern California and the Bay Area to promote energy efficiency. If the pilot programs are successful and received well by the PUC the program may be set up statewide.

**Project Presentation: Joseph Scriven, Mendocino County Resource Conservation District**

Joe Scriven of the Mendocino County Resource Conservation District provided a presentation about the successful Mill Creek Bridge construction project, completed in 2012 and funded in part by NCIRWMP Proposition 50 funding (presentation posted to NCIRWMP website <http://www.northcoastirwmp.net/docs.php?ogid=1000002360>).

**Public Comment**

No public comment

**Next meeting date confirmation: Date changed to Friday, April 19, 2013, Yreka**

Supervisor Grace Bennett suggested that on April 18<sup>th</sup> she would host a historical tour of Yreka including local Victorian homes, the local museum, the turn-of-the-century Elks Club and storytelling if there was interest.

**Staff direction:** to send out a notice to PRP and TPRC members of the change in meeting date for the April meeting in Yreka and query member's interest in the proposed historical tour of Yreka on Thursday, April 18.

**NCIRWMP 2013 Meetings:**

- April 19 – Yreka
- July 18 – Weaverville
- October 17 – Eureka

**ADJOURN 2:05 pm**

## **Meeting Attendees**

### **Policy Review Panel Members**

Chair: Jake Mackenzie, Council Member, City of Rohnert Park, Sonoma County

Vice-Chair: Supervisor Judy Morris, Trinity County

Supervisor Gerry Hemmingsen, Del Norte County

Supervisor Ryan Sundberg, Humboldt County

Supervisor Mark Lovelace, Humboldt County

Supervisor John McCowen, Mendocino County

Supervisor Dan Gjerde, Mendocino County

Alternate: Supervisor Carre Brown, Mendocino County

Supervisor Marcia Armstrong, Siskiyou County

Supervisor Grace Bennett, Siskiyou County

Alternate: Dale Roberts, TPRC member, Sonoma County

Leaf Hillman, Karuk Tribe

Alternate: Javier Silva, Sherwood Valley Rancheria

### **Technical Peer Review Committee Members**

Hank Seemann, Environmental Services, Public Works Department, Humboldt County

Carol Rische, General Manager, Humboldt Bay Municipal Water District, Humboldt County

Patty Madigan, Mendocino County Resource Conservation District, Mendocino County

Sean White, Russian River Flood Control & Water Conservation Improvement District, Mendocino County

Richard Tinsman, Planning Division, Siskiyou County

Dale Roberts, Sonoma County Water Agency, Sonoma County

Alternate: Sarah Beesley, Yurok Tribe

Javier Silva, Sherwood Valley Rancheria

### **Others**

Chris Peters, Red Deer Consulting

Tia Peters (?)

Helene Chalfin, Jug Handle Creek and Nature Farm

Denise Woods, Woods Biological Research & Services

Kathleen Morgan, Gualala River Watershed Council

Sean Ledwin, Hoopa Valley Tribe

Margie Graham, DWR Northern District

Daniel Muelrath, City of Santa Rosa

Ron Sundberg, RCAC

Grant Davis, Sonoma County Water Agency

Tim Anderson, Sonoma County Water Agency

Paul Kelley, Paul Kelley Consulting

Karen Gaffney, West Coast Watershed

Katherine Gledhill, West Coast Watershed

Jen Jenkins Kuzsmar, County of Humboldt

## Attachment A. North Coast IRWM Proposition 84 Round 2 Implementation Priority Projects

ID	Organization Name	Project Name	General Location	Approx Funding Match	Funding Amount Request	Avg Score	Recommended Funding Amt
421	Siskiyou County	Siskiyou County Septage Pond Closure	Siskiyou	\$129,925	\$389,775	42.5	<b>\$389,775</b>
206	Humboldt Bay Municipal Water District	Ranney Collectors 1 & 1A Lateral Replacement	Humboldt	\$750,000	\$750,000	40.4	<b>\$666,624</b>
101	Big Rock Community Services District	Big Rock Community Services District Stabilize Water Storage Tank	Del Norte	\$649,200	\$875,221	40.0	<b>\$875,221</b>
215	Westhaven Community Services District	Westhaven Community Services District Water Tank	Humboldt	\$0	\$360,000	40.0	<b>\$360,000</b>
635	Salyer Mutual Water Company	Larger Capacity Storage Tanks, Dedicated Main Line, Meters	Trinity	\$0	\$210,000	39.3	<b>\$210,000</b>
739	Karuk Tribe	Lower Mid-Klamath Habitat Protection-Road Decommissioning Implementation Project	Tribe (North)	\$75,000	\$300,000	39.0	<b>\$300,000</b>
740	Yurok Tribe - Yurok Tribal Fisheries Program	Restoration of Lower Klamath River Habitats	Tribe (North)	\$503,375	\$842,709	38.2	<b>\$421,354</b>
523	Gold Ridge Resource Conservation District	Gold Ridge Coastal Watersheds Enhancement Project	Sonoma	\$530,000	\$400,000	38.0	<b>\$307,750</b>
522	Gualala River Watershed Council	Gualala River Sediment Reduction Program	Sonoma	\$225,288	\$259,299	37.9	<b>\$259,000</b>
636	Trinity County Resource Conservation District	West Weaver Creek - Channel and Floodplain Rehabilitation	Trinity	\$78,500	\$745,000	37.5	<b>\$441,500</b>
316	California Land Stewardship Institute	Fish Friendly Farming and Fish Friendly Ranching Environmental Certification in the Russian, Navarro, & Gualala River Watersheds	Mendocino /Sonoma	\$520,000	\$190,000	36.8	<b>\$190,000</b>
317	California Land Stewardship Institute	Russian River Watershed Agricultural Water Conservation & Water Supply Reliability Program	Mendocino	\$2,221,000	\$890,000	36.2	<b>\$523,500</b>
320	Mendocino County Resource Conservation District	Mendocino County Working Landscapes Riparian Demonstration Project	Mendocino	\$81,600	\$369,600	35.8	<b>\$184,800</b>
<b>Sub-total</b>				<b>\$5,763,888</b>			<b>\$5,129,524</b>
<b>Humboldt Administration</b>							<b>\$256,476</b>
<b>Total</b>							<b>\$5,386,000</b>

**Wait List Projects**

<b>ID</b>	<b>Organization Name</b>	<b>Project Name</b>	<b>General Location</b>	<b>Approx Match</b>	<b>Funding Amount Request</b>	<b>Avg Score</b>	<b>Recommended Funding Amt</b>
102	County of Del Norte	Waste Water Lift Station Replacement	Del Norte	\$221,875	\$665,625	38.9	\$665,625
740	Yurok Tribe - Yurok Tribal Fisheries Program (YTFP)	Restoration of Lower Klamath River Habitats	Yurok Tribe	\$503,375	\$842,709	38.2	\$421,355
523	Gold Ridge Resource Conservation District	Gold Ridge Coastal Watersheds Enhancement Project	Sonoma	\$530,000	\$400,000	38.0	\$92,250
103	Smith River Community Services District	Smith River Community Services District Infrastructure Improvement Project	Del Norte	\$292,790	\$346,000	37.6	\$346,000
317	California Land Stewardship Institute	Russian River Watershed Agricultural Water Conservation and Water Supply Reliability Program	Mendocino/ Sonoma	\$2,221,000	\$890,000	36.2	\$366,500
532	Sotoyome Resource Conservation District	Austin Creek Watershed Restoration Program	Sonoma	\$207,000	\$591,930	35.9	\$591,930
207	Humboldt County Resource Conservation District	Humboldt Bay Nutrient Management Program	Humboldt	\$119,150	\$182,500	35.5	\$182,500
214	City of Trinidad	Trinidad-Westhaven Coastal Water Quality Restoration Program	Humboldt	\$125,000	\$375,000	35.2	\$375,000
637	Weaverville Community Services District	East Weaver Treatment Plant Improvement Project	Trinity	\$160,000	\$1,411,000	35.1	\$1,411,000
319	Jug Handle Creek Farm and Nature Center	Jug Handle Creek Farm and Nature Center Ecological Enhancement Project	Mendocino	\$180,000	\$555,000	27.9	\$555,000

# Attachment B: Draft Process and Criteria for Sub-contracts to Counties and Tribes

## Draft Process

- a) NCIRWMP staff will communicate with North Coast county and Tribal staff to develop a comprehensive list of data and a set of planning priorities for inclusion in the above NCIRWMP plans. This outreach will be complementary to the outreach work accomplished by Paul Kelley, the Tribal Outreach Coordinator, and members of the PRP Executive Committee, which is focused on reaching out to county boards of supervisors and Tribal councils to determine policy level priorities.
- b) Eligible entities who may receive planning sub-contracts include North Coast Tribes and counties (or designees approved by the county or Tribe) that have signed onto the NCIRWMP MoMU.
- c) NCIRWMP Staff will announce the availability of a request for proposals (RFP) to eligible entities – via e-mail to PRP and TPRC members, directly to interested counties and Tribes, and via the NCIRWMP website.
- d) In cases where targeted or unique expertise is required, the PRP may form an ad-hoc committee to support staff in developing RFPs, proposal selection criteria and make recommendations regarding contract award to the contracting entities of Humboldt County and Sonoma County Water Agency. The ad hoc committee may include TPRC and PRP members.
- e) Proposals will be reviewed by staff and (if formed by the PRP) an ad-hoc committee and analyzed according to PRP approved criteria.
- f) Grants will be administered by the County of Humboldt or Sonoma County Water Agency (or their designees) and all data provided to NCIRWMP staff for inclusion in NCIRWMP planning documents
- g) The ad-hoc committee(s) (if formed by the PRP) will develop recommended approaches to sub-contracting for PRP consideration during the April NCIRWMP meeting

## Draft Criteria

Draft Criterion	Weighting	Rank (1=Not Responsive/ 5= Very Responsive)
Alignment with NCIRWMP goals and objectives	2	1-5
Relevance of proposal to NCIRWMP planning needs and adherence to Plan outline	2	
Financial need	1	
Capacity to work with NCIRWMP staff	1	
Ability to meet Humboldt County or Sonoma County Water Agency contract terms	1	
Evidence of local innovations or value added data that align with and enhance the NCIRWMP plans	2	
Relevance of proposed planning to entire region	2	
Specific and topical criteria and expertise requirements	2	

## Attachment C: NCIRWM Plan, V. 3 Review and Input Process

**Background:** In November 2012, DWR released the final Integrated Regional Water Management Grant Program Guidelines for Proposition 84 and 1E. 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 NCIRWM Plan (Plan) that is compliant to these plan standards will be an eligibility requirement for the third round of Proposition 84 implementation funding. DWR's review of the Plan will be the first of a two step process for Round 3 of Proposition 84 funding expected to be approximately \$20 M for the North Coast region.

- October 18, 2012 NCIRWMP meeting: Review Draft NCIRWM Plan outline
- January 14 – February 15, 2013: Review draft annotated NCIRWM Plan outline (Attachment B)
- February 15 – March 29: Staff conducts interviews throughout the region to gather information about local priorities
- January – April: develop planning grant sub-contracts with interested counties and Tribes (9 – 12 mos)
- April 18 NCIRWMP meeting: Review NCIRWMP Goals, Objectives and potential Plan Performance Indicators
- April 18 NCIRWMP meeting: staff reports about interview input and synthesis; discussion
- April 18 NCIRWMP meeting: PRP consideration of recommended approaches for opting in/opting out of planning elements
- April 18 NCIRWMP meeting: discussion of how to represent Tribal, county and other jurisdictional authority in North Coast plans and project selection
- April 18 NCIRWMP meeting: Review changes to the annotated NCIRWM Plan outline
- April 29 – May 31: Public Review of Final draft annotated NCIRWM Plan outline
- April – May: TPRC & PRP review of draft Sections 1 – 7 (Section 1, Intro and Planning Approach; Section 2, Governance and Coordination; Section 3, Stakeholder Involvement; Section 4, NCIRWMP Objectives; Section 5, Regional Description; Section 6, Key Issues Impacting North Coast Waters and Watersheds; Section 7, Projects and Local Priorities)
- June: TPRC & PRP review of draft Section 12: Plan Financing and Ongoing NCIRWMP Implementation
- July NCIRWMP meeting: Strategic Planning – Plan Financing & the Future of the NCIRWMP
- July – October: TPRC & PRP review of draft Sections 8, 10, 11, 13 (Section 8, Resource Management Strategies; Section 10, Plan Implementation: Impact and Benefits; Section 11, Plan Performance; Section 13, Data Management)
- October NCIRWMP Conference: NCIRWM Plan Public Input - TBD
- October – November: TPRC & PRP review of draft Sections 9 & 12 (Section 9, Relation to Local Land Use Planning; Section 12, Plan Financing and Ongoing IRWMP Implementation)
- December: TPRC & PRP review of Draft NCIRWM Plan
- January 2014 NCIRWMP meeting: Draft NCIRWM Plan discussion
- February 2014: Draft NCIRWM Plan Public Review
- March – April: Final NCIRWM Plan & Adoption

# Attachment D: Draft Annotated NCIRWM Plan Outline

## Draft North Coast Integrated Regional Water Management Plan Outline, Annotated 2013

### 1. Introduction and Planning Approach

- ✓ Addresses IRWM Plan Standard “Governance”
  - a. Introduction to North Coast Region**
  - b. Need for North Coast Integrated Planning**
  - c. Regional Framework for Integrated Resource Planning**
  - d. NCIRWMP Planning Approach**
    - i. Statement of Purpose [brief statement; non-regulatory plan, focus on regional common ground issues & solutions, strong emphasis on local autonomy]
    - ii. Promote a voluntary, stakeholder-driven process
    - iii. Identify key water/watershed issues/ conflicts for both the regional and local [county, watershed, WMA, community, etc.] scales
    - iv. Identify objectives that are priority for regional stakeholders, local stakeholders, and all stakeholders
    - v. Respect local control, jurisdictional authority, knowledge, and approaches to achieve regional objectives and statewide priorities (one size does not fit all – different approaches in different areas of Region)
    - vi. Identify, evaluate, and prioritize NCIRWMP implementation projects
    - vii. Integrate NCIRWMP objectives and projects with statewide priorities [per 2012 IRWM Guidelines Table 1] and resource management strategies
    - viii. Identify linkages between existing and developing management efforts to foster coordination, improve efficiency, and leverage resources
    - ix. Facilitate sharing of data and best management practices
    - x. Apply adaptive management to NCIRWMP implementation and monitoring/evaluation
  - e. NCIRWM Plan Themes** [Themes are related to NCIRWMP objectives, Section 4 – they are akin to Plan goals];
    - List and briefly describe the NCIRWMP themes:
      - i. Salmonid Enhancement
      - ii. Beneficial Uses of water
      - iii. Climate Change Adaptation and Mitigation
      - iv. Intraregional Cooperation and Adaptive Management
      - v. Economic Vitality
      - vi. Public Health
  - f. Document Structure** [describe organization and contents; link Appendices with appropriate sections; consider internal hyperlinks to facilitate document navigation]

### 2. Governance and Coordination

- ✓ Addresses IRWM Plan Standard “Governance”
- Needs updating re: NCIRWMP a.k.a. “NC Resource Partnership (NCRP)” per “NCIRWMP Handbook 2012”
- Refer to governing documents [Appendix K]
  - a. North Coast Regional Water Management Group: North Coast Resource Partnership (NCRP)**
    - i. Diagram of NCRP structure
    - ii. Definition of NCRP [per CWC §10539]

- iii. Table listing NCRP members and NCRP authority/ responsibilities/ support
- b. NCRP Collaborative Partnership** [brief description of each entity]
  - i. Policy Review Panel
  - ii. Technical Peer Review Committee
  - iii. Standing and ad hoc committees
  - iv. Project staff and consultants
  - v. Partner organizations and roles
  - vi. NCIRWMP adoptees
  - vii. NCIRWMP MOMU signatories
- c. Public Outreach and Stakeholder Involvement** [brief; see Section 3.0 “Stakeholder Involvement”]
  - i. Access and opportunity for participation
  - ii. Outreach strategies
  - iii. Targeted outreach efforts – economically disadvantaged communities and Tribal governments
- d. Coordination** [brief descriptions with examples]
  - i. Within the North Coast Region
  - ii. Between North Coast and other regions
  - iii. With agencies
  - iv. With other participants
- e. Decision-Making Process**
  - i. Open, inclusive, transparent meetings (per Brown Act)
  - ii. Effective communication [internal and external to NCIRWMP]
  - iii. Active facilitation of participation for all
  - iv. Identification of NCIRWMP objectives [brief; see Section 4.0 “NCIRWMP Plan Objectives”]
  - v. Identification, prioritization, evaluation of implementation projects (per IRWM 2012 Guidelines) [brief; see Section 7.0 “NCIRWMP Projects and Local Priorities”]
- f. Long-term implementation of the NCIRWMP** [including financing; Section 12 “Plan Financing”]
- g. NCIRWMP Amendment, Update, and Re-Adoption** [describe process; refer to Section 3c Public Input Guidelines]

### **3. Stakeholder Involvement**

- ✓ Addresses IRWM Plan Standard “Stakeholder Involvement”
- Emphasize need for active stakeholder involvement to tailor a NCIRWMP that suits local needs: to identify and integrate local priorities that align with NCIRWMP objectives, ensuring the adopted Plan is acceptable, meaningful, justifiable, with broad local support
  - a. Process to Identify Stakeholders**
    - i. NCRP website
    - ii. Industry/ association membership lists
    - iii. Advertisement in publications/ periodicals
    - iv. Focus groups
    - v. Interviews
    - vi. Identifying and hiring public outreach consultant(s) (e.g. for tribal outreach/ coordination)
    - vii. Other means
  - b. Current and Potential Stakeholders**
    - i. Appendix L list of all entities contacted to participate in NCIRWMP planning
    - ii. Appendix L list of current stakeholders and/or stakeholder groups [includes minimum of all groups specified in IRWM 2012 Guidelines]
  - c. Stakeholder Notification and Participation**

- Briefly describe the process and schedule for stakeholder and reviewer input
- Describe specific methods and opportunities, below:
  - i. Public notices, advertisements, and regular meetings [include history of meetings; table listing upcoming meetings and topics to be addressed]
  - ii. Website [for notification of activities/ decisions; ‘contact us’ inquiries]
  - iii. The “email notification” contact list
  - iv. Scheduled and announced presentations on the NCIRWM Plan and process
  - v. NCIRWMP conferences [include summary of conference input]
  - vi. NCIRWMP topic-based workshops and presentations
  - vii. Direct meetings and coordination with local watershed groups, counties, Tribes, cities, and others to encourage representative participation
  - viii. Regular NCIRWM Plan document review during update and Section 2g Public Input Guidelines; document all comments/ responses; Appendix L]
  - ix. Focused interviews to solicit specific information and general input
  - x. Surveys
  - xi. Networking [formal and informal; between NCIRWMP members and their associated water/ land management or planning groups]
  - xii. Formal support for the NCIRWMP [via Letters of Support]
- d. Fostering Collaborative Partnerships**
  - i. List any groups or agencies that have developed partnerships for project planning/implementation
  - ii. IRWM process recognizes the importance of individual partnerships agreements between neighbors in creating a broad base of support [CA Water Plan Update, IRWM Round Table of Regions participation]
- e. Federal and State Participation**
  - i. NCRP meetings with staff from the SWRCB, DWR, and the NCRWQCB during the planning process; Local and regional state and federal agency participation will be solicited during planning and review process
  - ii. List of agencies, their jurisdictions, and completed or planned coordination or interaction with NCRP [Appendix L; also see Section 2d and Section 10.1 re: Coordination]
- f. Tribal Outreach and Coordination**
  - i. Include representation on NCRP Policy Review Panel and Technical Peer Review Committee
  - ii. Tribal Outreach/ Coordination Consultant
  - iii. Describe how NCIRWMP engages Tribes [specifically, in addition to as described in Section 3.c “Stakeholder Notification and Participation,”]
- g. Economically Disadvantaged Communities Outreach and Support**
  - i. Include representation on NCRP Policy Review Panel and Technical Peer Review Committee
  - ii. Define and map Disadvantaged Community DAC
  - iii. Describe how NCRP engages DACs and other disenfranchised groups
  - iv. Solicit and include letters of support from DAC representatives
  - v. NCRP explicitly includes economic vitality assessment into project review and the implementation monitoring/ evaluation process
  - vi. Water Supply & Wastewater Provider Outreach & Support Program
  - vii. Refer to the *Regional Strategy for Small Disadvantaged Water and Wastewater Providers* [Appendix N]

#### 4. NCIRWM Plan Objectives

- ✓ Addresses IRWM Plan Standards “Objectives,” “Integration,” “Stakeholder Involvement,” “Climate Change”
- Conceptual diagram of tiered approach relating local priorities and objectives to those of the NCIRWM Plan and the DWR; distinguish between objectives all can agree on vs. objectives specific to local interests/ stakeholders/ watersheds etc.
  - a. **Process to Determine Objectives**
    - i. Describe standards and process to develop objectives (per 2012 IRWM Guidelines). Are objectives to be prioritized? If so, how, or why not?
    - ii. Demonstrate consideration of state and regional “overarching goals” in objectives development, per IRWM Guidelines [e.g. Basin Plan Objectives, 20x2020 water efficiency goals, requirements of CWC 10540(c), and improved agricultural water use efficiency] and IRWM program goals [develop an IRWM Plan, foster regional collaboration, increase funding competitiveness, per 2011 MOMU]
    - i. Highlight changes/refinements since 2007 NCIRWMP objectives [inclusion of Tribal issues and objectives; local energy independence; climate change vulnerability assessment; adapting to climate change; groundwater assessment; integrated flood management; Plan and project performance indicators]
  - b. **NCIRWM Plan Objectives** [to address broad Plan Themes, see Section 1e]
    - Develop tiered list to help distinguish state/regional from local objectives: those that everyone accepts vs. those that apply more-or-less to specific counties, communities, stakeholder groups, etc.; make objectives as specific and measurable [qualitative or quantitative] as feasible for North Coast
      - i. Theme: Salmonid Enhancement
        - Objective 1: Enhance salmonid populations by protecting and restoring water quality, required habitats, and watershed processes
      - ii. Theme: Beneficial Uses of Water
        - Objective 2: Improve drinking water quality to protect public health, including for disadvantaged communities (DACs) and Tribes
        - Objective 3: Ensure water supply reliability while minimizing environmental impacts of water use
        - Objective 4: Assess groundwater quantity and quality to protect groundwater resources from over-drafting and contamination
      - iii. Theme: Climate Change Adaptation and Mitigation
        - Objective 5: Assess climate change effects, impacts, vulnerabilities, and strategies for local and regional sectors/ systems
        - Objective 6: Implement climate change adaptation and mitigation by promoting local energy independence, water/ energy use efficiency, GHG emission reduction, flood/ stormwater management, and jobs creation
      - iv. Theme: Intra-regional Cooperation and Adaptive Management
        - Objective 7: Provide an ongoing framework for inclusive, efficient intra-regional cooperation and adaptive, accountable NCIRWMP project implementation
      - v. Theme: Economic Vitality
        - Objective 8: Protect and improve economic benefits of North Coast Working Landscapes and Natural Areas
        - Objective 9: Assess economic relationship between functional grey infrastructure and green infrastructure

**c. Integration of NCIRWMP Objectives with Other Plan Elements**

- Refer to Appendices showing relationship of NCIRWMP objectives to statewide priorities (Appendix A), Local Priorities (Appendix B), key water/ watershed issues (Appendix C), Resource Management Strategies (Appendix D), and water/land use planning (Appendix F); See Section 11 “Plan and Project Performance: Monitoring and Evaluation” for indicator metrics to evaluate success in achieving objectives

**5. North Coast Region Description**

- ✓ Addresses IRWM Plan Standards “Region Description,” “Climate Change”
- Primarily descriptive info/data is presented in this Section, although IRWM Guidelines do require the Region Description address “conflicts” “problems” “climate change impacts” “vulnerabilities” and the like. The NCIRWMP Plan does address these elements in detail, but in two separate sections (Section 6 “Issues Impacting North Coast Waters and Watersheds” and Appendix M results of the Climate Change Vulnerability Assessment, per DWR et al. 2011 *Climate Change Handbook for Regional Water Planning*)
  - a. Jurisdictional and Physical Boundaries** [municipal, tribal, county, water/ wastewater/ flood control districts, land use agencies, neighboring IRWM regions, RCDs, RCDCs, LAFCOs; groundwater basin, watershed/WMA, HR/HU/HA/HAS]
  - b. Key Watershed Features** [brief overview; see Appendix H: specially designated habitats, listed species, groundwater basins, TMDL status; others]
  - c. Ecological Processes** [fluvial geomorphic, air, water, dispersal/migration, genetic exchange, carbon sequestration]
  - d. Water Quality** [surface, ground, reclaimed/recycled]
  - e. Water Quantity** [surface, ground, reclaimed/recycled, imported, desalinated]
  - f. Water Supply and Demand** [20-yr planning horizon; integrate population projections, climate change predictions, and identified vulnerabilities]
  - g. Water Supply and Conveyance Infrastructure** [dams/reservoirs, water reclamation/treatment, conveyance]
  - h. Flood Management Infrastructure** [natural and built systems]
  - i. Energy Production Infrastructure** [conventional and, particularly, “green”]
  - j. Water Governance** [federal, state, local, tribal]
  - k. Land Use and Management** [overview of historic uses; changes due to new environmental/ regulatory/ economic conditions; forecast future/ emerging uses]
  - l. Demographic, Socioeconomic, and Cultural Attributes**
    - i. List and map DACs using 2012 census data
    - ii. Characterize economic indicators, conditions, trends
    - iii. Describe societal and cultural values [list shared and divergent; include strategies to pursue shared water conservation values]

**6. Issues Impacting North Coast Waters and Watersheds**

- ✓ Addresses IRWM Plan Standards “Region Description,” “Objectives,” “Impact and Benefit,” “Integration,” “Climate Change”
- a. Process to Identify Regional and Local Issues** [describe process, including stakeholder input, CCVA vulnerabilities, other sources that reveal regional and local issues]
- b. Regional Water Resource Management Issues**
  - i. Salmonid Population Decline** [land use, water quality, turbidity, temperature, pathogens, xenobiotic estrogens, water quantity, instream habitat]; addressed by NOAA/NMFS and CDFG

- ii. **Impaired Water Quality** [sediment, temperature, nutrients/pathogens, blue-green algae, xenobiotic estrogens, intrusion of salt to coastal aquifers]; addressed by SWRCB, RWQCB
  - iii. **Reduced Water Availability** [drought, concurrent ground/surface water management challenges, reclaimed water challenges, desalted water challenges, energy cost of water supply/treatment, uncertainty related to climate change]; addressed by DWR
  - iv. **Drinking Water Supply and Safety** [wastewater treatment and infrastructure failures, examples, actions and assistance via NCIRWMP, remaining needs; refer to *NC Groundwater Monitoring Strategies Report*, Appendix N]; addressed by Dept. Public Health, SWRCB, RWQCB
  - v. **Flood Management** [location of issues, possible responses, relation to climate change; refer to *NCIRWMP Flood and Stormwater Management Report*, Appendix N]; addressed by DWR
  - vi. **Sea Level Rise (SLR) Management** [as per CA Ocean Protection Council 2011 Resolution; also addressed in Climate Change analysis, below]
- c. Local Water Resource Management Issues**
- i. Describe watershed approach to planning and management
  - ii. List and describe issues specific to each watershed/ WMA, Hydrologic Unit, county, or other local entity/ stakeholder
- d. Land Use Management Issues**
- i. Past Land Use Practices [emphasize legacy impacts of *past* land use]
  - ii. Current Stewardship Activities [FFF, private partnerships and cooperative arrangements with agencies, others]
- e. Invasive and/or Exotic Species**
- i. Includes *Arundo*, *Ludwigia*, SOD, zebra/ Quagga mussels, warm water fishes, community shifts related to climate change]
- f. Climate Change Vulnerability**
- Tabular and mapped results; based on “*Climate Change Vulnerability Assessment (CCVA)*,” underway, with analyses scaled to North Coast region and local sites (Appendix M for details)
    - i. List potentially vulnerable Sectors and Systems [full list natural and human sectors/systems/sites considered for the CCVA, including but not limited to those in 2009 *California Climate Adaptation Strategy*]
    - ii. Describe current and predicted impacts to Sectors and Systems [including those identified via the CCVA and the report *Climate Change and Agriculture in the North Coast*, Appendix N]
    - iii. Preliminary list of vulnerable Sectors and Systems [preliminary ranked list from CCVA; stakeholders will help rank the vulnerabilities on the preliminary list]
    - iv. Prioritized list of vulnerable Sectors and Systems [preliminary list from CCVA that has been vetted by stakeholders to further rank vulnerabilities; describe decision-making process]
    - v. Planning for Uncertainty [respond directly to confident projections; address uncertainty with adaptive management/ flexibility/ diversity of response actions; continually update and refine climate change analyses]
    - vi. Preparedness Options [describe measures in *Energy Independence, Emissions Reduction, Job Creation, and Climate Adaptation Initiative* Appendix N; require long-term monitoring of projects; practice adaptive management; prioritize ecosystem adaptability in restoration efforts]
    - vii. Describe plan, program, or methodology for further data gathering and analysis of the vulnerabilities
- g. Local Efforts to Address Identified Issues**
- i. Describe County, Tribal and stakeholder efforts
  - ii. Describe *North Coast Land Use and Regional Planning Report* [Appendix N]
  - iii. Funding Limitations [also see Section 12 “Plan Financing”]

- Refer to Section 10 “Impacts and Benefits” for details; also Section 1 and 3 for process and stakeholders, respectively

## 7. **NCIRWMP Projects and Local Priorities**

- ✓ Addresses IRWM Plan Standards “Integration,” “Project Review Process,” “Impact and Benefit,” and “Climate Change”
  - Project Submittal Process** [describe]
  - Project Review, Evaluation, and Selection Process** [describe decision-making process and review factors/ criteria, including, per 2012 IRWM Guidelines, the following:]
    - Contribution to NCIRWMP objectives and statewide priorities [see Appendix B]
    - Contribution to RMS (from CWP 2009) implementation [see Appendix D]
    - Contribution to climate change adaptation
    - Contribution in reducing GHG emissions as compared to project alternatives
    - Specific benefits to critical DAC water issues
    - Technical and economic feasibility
    - Project cost and financing
    - Project status
    - Strategic considerations
  - Project Summaries, Budgets, and Schedules** [refer to Appendix J]
  - Project Environmental Compliance** [indicate for applicable projects]
  - Project Monitoring** [include example of project monitoring plan]

## 8. **Resource Management Strategies (RMSs)**

- ✓ Addresses IRWM Plan Standards “Resource Management Strategies,” “Integration”
- Document the range of RMS (per CWP 2009 and 2012 IRWM Guidelines Table 3) considered to meet the IRWM objectives [see Appendix D] and identify which RMS were incorporated into the IRWM Plan
- Describe process for identifying, assessing, and organizing the potential RMS; acknowledge the RMSs are often interconnected, not discrete categories
  - RMSs Addressed by the NCIRWMP** [tiered lists with brief descriptions]
    - Natural Resources and Land Management [incl. agricultural lands stewardship, economic incentives, ecosystem restoration, forest management, land use planning and management, recharge areas protection, watershed management]
    - Water Supply Reliability [incl. water demand reduction, agricultural water use efficiency, urban water use efficiency, rain-fed agriculture]
    - Water Supply Increase [incl. conjunctive management and groundwater, groundwater basin monitoring per CASGEM, desalination, precipitation enhancement/ fog collection, recycled municipal water, local/ regional surface storage]
    - Flood risk management [related to climate change, below]
    - Water Quality Protection and Improvement [incl. drinking water treatment/ distribution, groundwater/ aquifer remediation, matching water quality to use, pollution prevention, salt/ salinity management, urban runoff management; describe *NCIRWMP Regional Strategy for Small Disadvantaged Water and Wastewater Providers*, Appendix N]
    - Climate Change Adaptation and Mitigation [incl. those listed in *NCIRWMP Energy Independence, Emissions Reduction, Job Creation, and Climate Adaptation Initiative* and *North Coast Energy Independence Strategies*, Appendix N; continually evaluate climate change impacts/ vulnerabilities, integrate ecosystem resiliency with human community resiliency and DACs]
  - RMSs Not Addressed by the NCIRWMP** [list and justify]

c. **Added Benefits of Integration of Multiple RMSs** [describe]

**9. Relation to Local Water and Land Use Planning**

- ✓ Addresses IRWM Plan Standards “Objectives,” “Integration,” “Coordination,” “Relation to Local Water Planning,” “Relation to Local Land Use Planning,” “Climate Change”
- The NCIRWM planning framework supports regional planning while recognizing that “one size does not fit all” and will continue to respect local autonomy, jurisdictions, and planning processes. The NCIRWM plan seeks to assist local planning entities to make progress on those local priority-planning activities that are in alignment with NCIRWM objectives
  - a. **Status of Existing Planning Activities**
    - i. Overview of local water and land use management plans [list of plans, studies, related documents established by local agencies/ groups; see Appendix E]
    - ii. List water management strategies contained in local planning documents [including strategies for climate change adaptation/ mitigation]
  - b. **Coordination of Water, Resources, and Land Use Planning Activities** [include all or part of the suggested list per 2012 IRWM Guidelines]
    - i. Relationship between existing state, regional, and local plans [diagram]
    - ii. Integration of existing plans with NCIRWMP Objectives [see Appendix F]
    - iii. Update NCIRWMP to reflect updates to existing local plans
    - iv. Demonstrate information-sharing and collaboration with regional land use planning [per CWP 2009], adapt water management systems to climate change, and potentially offset climate change impacts to water supply
  - c. **Linking Water and Land Use Decisions**
    - i. Communication needs and strategies
    - ii. IRWM planning and implementation efficiencies [multi-objective planning frameworks are the preferred paradigm; refer to *North Coast Regional Planning Effort Synthesis Report*, Appendix N]
    - iii. Demonstrate integration between local land use planning, regional water issues, and NCIRWMP objectives including for climate change [including Appendix C, Appendix F, Appendix G]
  - d. **Local Agency Participation**
    - i. Describe current and projected relationships, including integration of Ahwahnee Principles
    - ii. Provides opportunities for managers to contribute input on relevant NCIRWMP elements]
    - iii. NCIRWMP signed and adopted by local and regional agencies with land management authority (including cities, water agencies)
  - e. **Tribal Participation**
    - i. Describe relationship to tribal water and land use planning priorities and activities
  - f. **Facilitating Continued Integration**
    - i. Describe plan for continued collaborative, proactive relationship between land use planners and water managers [per 2012 IRWM Guidelines] and between both and the NCIRWMP
    - ii. List updates (planned, in progress) anticipated in next five years for agencies in region
- Refer to *North Coast Land Use and Regional Planning Report* [Appendix N]
- Refer to *NCIRWMP Energy Independence, Emissions Reduction, Job Creation, and Climate Adaptation Initiative* [Appendix N]

**10. Plan Implementation: Impacts and Benefits**

- ✓ Addresses IRWM Plan Standards “Integration,” “Impact and Benefit,” “Climate Change,” “Finance”

- Guidelines assume “screening level analysis” at this point: more extensive impact/ benefit analyses usually occur closer to project implementation than Plan development
- Consider using a table to summarize this information [e.g. Table 4 IRWM Guidelines]
  - a. **Project Integration with NCIRWMP Objectives** [see Appendix B]
  - b. **Emphasis on Economic Value of Working Landscapes and Natural Areas (eg, Green Infrastructure)**
    - i. The economic value of an integrated approach to grey and green infrastructure
  - c. **Advantages of Regional Plan vs. Individual Local Efforts**
    - i. Threshold effect
    - ii. Integration of individual project impact/ benefit analysis
  - d. **Potential Impacts and Benefits to the Region and Adjacent Areas**
    - i. Qualitative and quantitative indicators
    - ii. Monetization of costs and benefits [by Financial Consultant]
    - iii. Method for determining relative degree of impact/ benefit
  - e. **Critical Impacts of Not Implementing Proposed Projects** [describe]
  - f. **Impacts and Benefits of Proposition 50 Implementation Projects**
    - i. Impacts/ benefits to North Coast Region
    - ii. Impacts/ benefits to DACs
    - iii. Impacts/ benefits to sensitive habitats [CCAs] and species [salmonids]
  - g. **Impacts and Benefits of Proposition 84 Implementation Projects to DACs**
    - i. Qualitative and quantitative indicators
    - ii. Monetization of costs and benefits [by Financial Consultant]
    - iii. Method for determining relative degree of impact/ benefit
  - h. **Impacts and Benefits of Proposition 84 Implementation Projects to Native American Tribes**
    - i. Qualitative and quantitative indicators
    - ii. Monetization of costs and benefits [by Financial Consultant]
    - iii. Method for determining relative degree of impact/ benefit
  - i. **Impacts and Benefits of Proposition 84 Implementation Projects to Other Resources** [incl. air quality, Ecosystem Processes (see Section 5 “North Coast Region Description”)]
    - i. Qualitative and quantitative indicators
    - ii. Monetization of costs and benefits [by Financial Consultant]
    - iii. Method for determining relative degree of impact/ benefit

## **11. Plan and Project Performance: Monitoring and Evaluation**

- ✓ Addresses IRWM Plan Standards “Plan Performance and Monitoring,” “Data Management,” “Technical Analysis,” “Coordination,” “Climate Change”
  - a. **Status of Existing Monitoring Activities** [list and describe each]
    - i. SWRCB Monitoring Programs
    - ii. CDFG Monitoring Programs
    - iii. CDF/ Board of Forestry Monitoring Programs
    - iv. California Department of Health Service
    - v. Interagency Monitoring Programs
    - vi. Others as identified during Plan update
  - b. **Monitoring and Evaluation Approach**
    - i. Describe scale-based approach [regional, local/ watershed, project site; separate evaluation of Plan and projects, with emphasis on project results]
    - ii. Ensure NCRP is making progress toward Plan Objectives [measurable indicator metrics, below]
    - iii. Ensure NCRP is implementing projects listed in the NCIRWMP

- iv. Ensure each implementation project complies with applicable rules, laws, and permit requirements
- v. Commitment to long-term monitoring and assessment of climate change adaptability in management options [includes eventual full-scale Climate Change Analysis, in addition to current first step of Climate Change Vulnerability Assessment (CCVA) per DWR 2011 *Climate Change Handbook for Regional Water Planning*]
- c. Indicator Metrics for Performance Evaluation**
  - i. Describe how both Plan and projects will be evaluated by monitoring a suite of measurable [qualitative or quantitative] indicator metrics and comparing the results to baseline, benchmark, or desired conditions: do the data indicate successful performance over time? Is improvement required? See Adaptive Management, below]
  - ii. Develop and list the indicators associated with each Objective (for Plan evaluation) and each project goal (for individual project/ project portfolio evaluation)
- d. Plan-Level Performance Evaluation**
  - i. Based on NCIRWM Plan Objectives [see Section 4 “NCIRWM Plan Objectives”]
  - ii. Methodology [who, how, frequency]
- e. Project-Level Performance Evaluation**
  - i. Based on established goals of each project [see Section 7 “NCIRWMP Projects and Local Priorities”] and each project’s monitoring plan [provide example contents of a project monitoring plan]
  - ii. Evaluate individual projects
  - iii. Evaluate project portfolio
  - iv. Include climate change considerations and indicators
  - v. Methodology [who, how, frequency]
- f. Institutional-Level Performance Evaluation**
  - i. Based on structure of NCRP and planning process
  - ii. Methodology [who, how, frequency]
- g. Adaptive Management Process** [for plan, project, institutional levels]
  - i. Per 2012 IRWM Guidelines “IRWM Plans must contain provisions for reviewing project objectives and considering new, expanded, or even different solutions that meet multiple local needs”
  - ii. Describe process
- h. Analysis, Synthesis, and Reporting of Findings** [describe process; refer to *North Coast Region Planning Synthesis Report*, Appendix N]

## **12. Plan Financing and Ongoing IRWMP Implementation**

- ✓ Addresses IRWM Plan Standard “Finance”
  - Financial/Economic Consultant
  - a. NCIRWMP Financing Needs** [briefly describe]
  - b. State Funding Opportunities** [Potential Prop 50, Prop 13, SWRCB, Coastal Conservancy, CDFG; list current projects and amounts]
  - c. Federal Funding Opportunities** [list current projects and amounts]
  - d. Private Foundation Funding Opportunities** [list current projects and amounts]
  - e. Local Funding Plan** [per 2012 IRWM Guidelines: characterize potential Plan funding sources; characterize project funding, operation/ maintenance costs; summary table of potential funding sources]
  - f. Innovative Financing Mechanisms based on economic value of working landscapes and natural areas**

- g. **NCIRWMP Financing Plan** [for 5-10 years; describe governance process for funding consideration/ adoption; see IRWM Guidelines example Table 5]

### **13. Data Management and Data Sharing**

- ✓ Addresses IRWM Plan Standards “Plan Performance Monitoring,” “Integration,” “Data Management,” “Technical Analysis,” “Stakeholder Involvement”
  - a. **Overview: North Coast Region Data Management System (DMS)** [Describe need for standardized data development and output system; monitoring data in Section 11 are collected, stored, disseminated, and accessed via the proposed NCIRWMP DMS; is deliberate consistent with CERES, CEDEN, SWAMP, GAMA, CASGEM, WDL, CEIC, etc.]
  - b. **Monitoring and Assessment Data** [per 2012 IRWM Guidelines: include overview of data needs, collection techniques, stakeholder contribution, QA/QC measures, and data sharing]
  - c. **Addressing Data Gaps** [previously identified gaps; develop baseline assessment of indicator metrics; monitor and track changes; inform adaptive management; identify and synthesize technical sources, studies, models, data, and analyses [Section 14 “References and Technical Analyses”]
  - d. **Development and Maintenance of the DMS** [list types data currently on website; note it includes interactive mapping application to allow visualization of spatial monitoring data]

### **14. References and Technical Analyses**

- ✓ Addresses IRWM Plan Standard “Technical Analysis” [per 2012 IRWM Guidelines]
  - a. Listing of literature cited
  - b. Table summarizing Studies and Data in the NCIRWMP [e.g. Table 6 IRWM Guidelines]

### **15. Appendices**

- A. Integrating NCIRWMP Objectives with Statewide Goals/Priorities [matrix table]
- B. Integrating NCIRWMP Objectives with Local Priorities [matrix table]
- C. Integrating NCIRWMP Objectives with Key Water/Watershed Issues [matrix table]
- D. Integrating NCIRWMP Objectives with Resource Management Strategies [matrix table]
- E. Overview of Local Water/ Land Use Planning [list and brief descriptions]
- F. Integrating Local Water/ Land Use Planning with NCIRWMP Objectives [matrix table]
- G. Integrating Local Water/ Land Use Planning with Statewide Goals/Priorities [matrix table]
- H. Key Watershed Attributes
  - a. Groundwater Basins [list; map?]
  - b. Designated Species and Areas [list; map?]
  - c. Coho Recovery Units [list; map?]
  - d. TMDL Status [list; map?]
- I. Integrating NCIRWMP Projects with Key Watershed Attributes [matrix table]
- J. NCIRWMP Project Implementation:
  - a. Project Score Sheet and Prioritization Process [text]
  - b. Project List and Scores [tabular list]
  - c. Project Budgets [tabular compilation]
  - d. Project Schedules [tabular compilation]
- K. Governing Documents
  - a. Memorandum of Mutual Understanding [copy of original]
  - b. Authorization and Eligibility Documentation [copy of original]
  - c. Letters of Support [copies of original]
- L. Stakeholder Analysis and Integration
  - a. Current and Potential Stakeholders [list]

- b. Interview Questions & Responses [compilation]
- c. Document Comments & Responses [compilation]
- M. Climate Change Vulnerability Assessment [methodology, tabular result, maps]
- N. Reports Produced for the NCIRWMP [link, with brief summary]
  - a. *Climate Change and Agriculture in the North Coast*
  - b. *NCIRWMP Energy Independence, Emissions Reduction, Job Creation, and Climate Adaptation Initiative*
  - c. *NCIRWMP Regional Strategy for Small Disadvantaged Water and Wastewater Providers*
  - d. *North Coast Energy Independence Strategies*
  - e. *North Coast Floodwater/Stormwater Management Plan*
  - f. *North Coast Land Use and Regional Planning Report*
  - g. *North Coast Region Planning Effort Synthesis Report*
  - h. *Biomass report*

DRAFT