

DRAFT – 12/15/2011

San Luis Obispo County

Integrated Regional Water Management Region



Proposition 84
Planning Grant Application
Work Plan
February 2012

THIS PAGE INTENTIONALLY LEFT BLANK

DRAFT

Work Plan Content

DRAFT

Table of Contents

1.	UPDATE GOVERNANCE SECTION	3
2.	UPDATE REGION DESCRIPTION.....	7
3.	UPDATE PLAN OBJECTIVES	9
4.	DEVELOP RESOURCE MANAGEMENT STRATEGIES SECTION	13
5.	PREPARE PROJECT REVIEW AND SELECTION SECTION	15
6.	UPDATE IMPACTS AND BENEFITS SECTION	18
7.	UPDATE PLAN PERFORMANCE AND MONITORING SECTION	19
8.	UPDATE DATA MANAGEMENT SECTION	21
9.	UPDATE FINANCING SECTION.....	23
10.	UPDATE TECHNICAL ANALYSIS SECTION	25
11.	UPDATE RELATION TO LOCAL WATER PLANNING SECTION	26
12.	UPDATE RELATION TO LOCAL LAND USE PLANNING SECTION	27
13.	UPDATE STAKEHOLDER INVOLVEMENT SECTION	28
14.	UPDATE COORDINATION SECTION	30
15.	PERFORM CLIMATE CHANGE ANALYSES	31
16.	ENGAGE STAKEHOLDERS IN IRWM PLAN UPDATE	33
17.	ENGAGE DISADVANTAGED COMMUNITIES IN IRWM PLAN UPDATE	34
18.	COMPILE UPDATED IRWM PLAN	35
19.	PROJECT MANAGEMENT.....	35

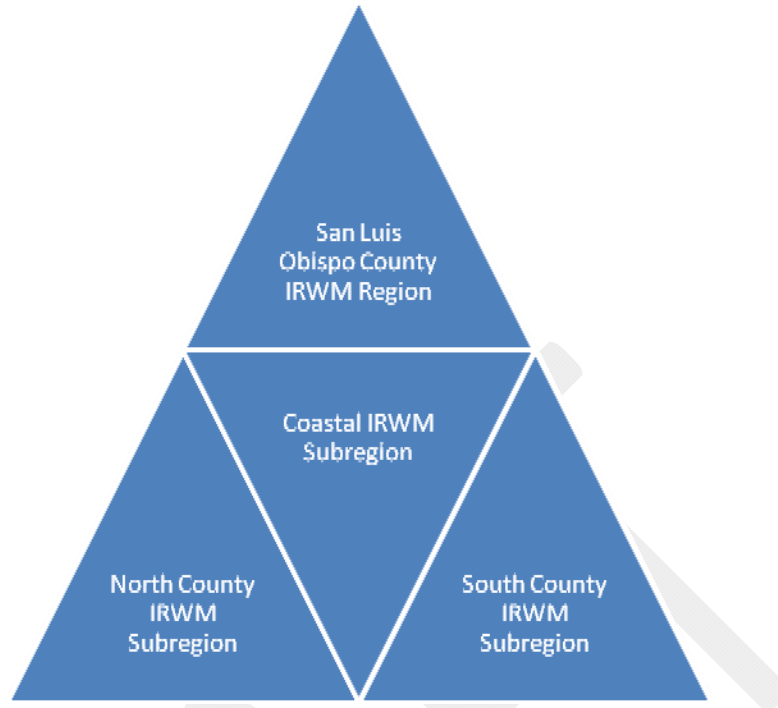
Introduction

The San Luis Obispo County Integrated Regional Water Management (IRWM) Plan presents a comprehensive water resource management approach focused on sustaining the region's water resources to meet current and future needs. It is built on the existing foundation of inter-agency cooperation and stakeholder collaboration. With a local culture that includes active environmental stakeholders, local land-use decisions have been subject to important debate and deliberations over the years with focus on the relationship of those decisions to water resource management and environmental needs, among other growth related concerns. The "quality of life" of the San Luis Obispo region is an important cultural value that is being sustained through existing socio-political processes. The IRWM model developed by the State has likewise been locally embraced, in part because it is recognized as a tool that can be utilized to help improve the efficiency and effectiveness of existing dynamic processes.

The San Luis Obispo County IRWM Plan was originally adopted in December 2005 and amended in July 2007. The 2005 IRWMP reflected a turning point for the region. It was the first plan in the San Luis Region to attempt to illustrate the extensive efforts of the numerous environmental organizations that exist in the region together with the more traditional water master planning efforts. So, while the San Luis Region has a successful track record of integrating water management objectives through the results of democratic debate and deliberations, that plan was the first to provide a cornerstone document for future integrated efforts that lead to more collaboration and efficiencies. The 2007 plan updated regional and project information to better represent the existing conditions and priorities for the region.

However, the San Luis Obispo IRWM planners also believe that it is extremely important to understand that promoting regional integrated efforts includes realistic awareness that water resource management is very dynamic and that the IRWM planning approach must also be dynamic to continue to help guide the water resource management activities. Thus, the San Luis Obispo County IRWM planners are capitalizing on the requirement to update the IRWMP by restructuring the plan to promote more focused collaboration by subregion, while continuing to practice broader regional planning when and where appropriate.

The modified structure and approach, depicted in the figure below, are intended to establish San Luis Obispo IRWM regional governance, mission and goals, and projects and programs that are appropriate and critical for the IRWM region. The IRWM subregions will be allowed the opportunity to develop a subregional governance, objectives that meet the regional mission and goals, and projects and programs that meet the objectives. The subregions will prioritize the goals, projects and programs based on the subregions critical needs. The greater IRWM responsibility will be to assess the subregional priorities and identify opportunities for integration or regional implementation. This approach will allow the subregions to focus on their priorities while satisfying the greater IRWM mission and goals.



This work plan provides a narrative description of the tasks that will be conducted to update the San Luis Obispo County Integrated Regional Water Management Plan (IRWM Plan). Please see the budget and schedule attachment for funding and scheduling information. The table below summarizes the Program Preferences addressed in this Work Plan and the existing IRWM Plan.

COMPLETE TABLE AFTER WORKPLAN FINALIZED

Program Preference	Addressed in Work Plan Section
Include regional projects or programs (CWC §10544)	•
Effectively integrate water management programs and projects within a hydrologic region identified in the California Water Plan; the Regional Water Quality Control Board (RWQCB) region or subdivision, or other region or sub-region specifically identified by DWR	•
Effectively resolve significant water-related conflicts within or between regions	•
Contribute to the attainment of one or more of the objectives of the CALFED Bay-Delta Program: <ul style="list-style-type: none"> • Water Quality • Water Supply Reliability • Levee Protection • Ecosystem Restoration 	•

Program Preference	Addressed in Work Plan Section
Address critical water supply or water quality needs of disadvantaged communities within the region	•
Effectively integrate water management with land use planning	•
Address Statewide Priorities <ul style="list-style-type: none"> • Drought Preparedness • Use and Reuse Water More Efficiently • Climate Change Response Actions • Expand Environmental Stewardship • Practice Integrated Flood Management • Protect Surface Water and Groundwater Quality • Improve Tribal Water and Natural Resources • Ensure Equitable Distribution of Benefits 	•

1. Update Governance Section

Guidelines Requirement(s)

- *Describe RWMG, list all entities responsible for Plan development, and identify members of the RWMG with statutory authority for water management.*
- *Describe governance structure.*
- *Describe how governance addresses and ensures various activities, such as public involvement processes.*
- *Describe decision-making process and how a decision is vetted with stakeholders and the RWMG.*
- *Describe the manner in which the governance structure ensures balanced access and opportunity for participation.*
- *Describe how governance would foster communication with the different functional groups within the RWMG, with project proponents, with general stakeholders, with neighboring RWMGs, government agencies, and the general public.*
- *Describe how governance helps ensure implementation of the Plan in the long-term.*
- *Explain how governance will help ensure coordination with neighboring IRWM efforts, State agencies and Federal agencies.*
- *Explain whether the governance structure shows that a collaborative process was used to establish Plan objectives.*
- *Explain how the governance structure facilitates interim changes and formal changes to the Plan.*
- *Describe process involved in updating or amending the IRWM Plan.*

This task involves developing a new *Governance* structure and section in the Plan update to represent the revised approach of the San Luis Obispo County IRWM region with focused IRWM planning by subregion.

The current governance structure of the Regional Water Management Group (RWMG) was established in the Memorandum of Understanding (MOU) signed by each of the following three RWMG agencies:

- San Luis Obispo County Flood Control and Water Conservation District/County (District)
- Los Osos Community Services District (Los Osos)
- Nipomo Community Services District (Nipomo)
- Coastal San Luis Resource Conservation District
- San Luis Obispo County (County)
- Morro Bay
- Morro Bay National Estuary Program
- Oceano Community Services District
- City of San Luis Obispo
- San Simeon Community Services District
- Upper Salinas – Las Tablas Resource Conservation District

The District was the lead in facilitating the RWMG governance process. The District has boundaries that are coterminous with the region, has the broadest responsibility for regional water management in the region, and is staff to the RWMG's main advisor, the Water Resources Advisory Committee (WRAC – described below).

The revised governance structure will include an IRWM RWMG that will include the District continuing as the lead, one representative from each of the three subregions, and other representatives as determined during the governance development process. The other representative groups that could be asked to participate may include representatives from the following interests:

- Environmental
- Environmental and Coastal
- Agriculture
- Disadvantaged Communities
- Non-governmental Water Purveyor

Signatories to the MOU, or RWMG members, will be responsible for reviewing IRWM materials and attending meetings, providing feedback, working toward consensus with subregional members on decisions, and providing data, information and project descriptions to the District as lead agency. RWMG members are responsible for providing information sufficient to meet State guidelines for their regional and subregional projects and programs to be included in the IRWMP and participate in the review of the IRWMP. All members will participate in the process to select IRWMP regional projects and programs for grant applications. Members responsible for the implementation of regional projects and programs awarded grant funding will be responsible, through contract with the District, for complying with the provisions of the District's grant agreement with the State.

RWMG members participate in the IRWM plan development process by communication with the District and review of draft IRWM items, such as goals and objectives, project priorities, and implementation

plans, by way of presentations to the WRAC. At WRAC meetings, RWMG members will provide feedback to District staff and vote as a member of the WRAC on recommendations to the RWMG on IRWM Plan items. Members will take the IRWM Plan to their governing bodies for adoption. Members provide data and information on projects and programs for which their agency is responsible for inclusion in the IRWM Plan. Members will provide the District with their designated representative's contact information.

Task 1.1 Define IRWM Subregions

The District, in cooperation with the WRAC, is working to define the subregions that will best represent the needs for the region. The District is proposing to use the regions as defined in the Master Water Plan, currently underway. The three subregions are the North County, South County and Coastal Region. However, based on preliminary discussions with the WRAC, there may be a benefit to further delineating the subregions. This task will involve defining and formalizing those subregions through the community based WRAC process.

Deliverables:

- Definition of and basis for San Luis Obispo IRWM planning subregions
- Mapping of San Luis Obispo IRWM planning subregions

Task 1.2 Identifying IRWM Subregional Committee Participants

Following the definition of the subregions, the District will identify agencies, organizations and stakeholders within each subregion. Then the District, in cooperation with the WRAC, will solicit participation in the IRWM Subregional Committees from these agencies, organizations and stakeholders. The goal is to have IRWM Subregional Committees that represent a fair and balanced cross-section of the subregions water resource stakeholders.

Deliverables:

- Committee membership list with agency and primary contact information
- Basis and reasoning for committee membership including potential future membership needs, if any

Task 1.3 Identify IRWM RWMG

The IRWM RWMG will include the District continuing as the lead, one representative from each of the three subregions, and other representatives as determined during the governance development process. The other representative groups that could be asked to participate may include representatives from the following interests:

- Environmental
- Environmental and Coastal
- Agriculture
- Disadvantaged Communities
- Non-governmental Water Purveyor

This subtask involves formalizing the RWMG members and the basis for the membership.

Deliverables:

- RWMG membership list with agency and primary contact information
- Basis and reasoning for RWMG membership including potential future membership needs, if any

Task 1.4 Develop RWMG and Subregional MOUs

The first responsibility of the newly defined RWMG will be to develop the RWMG MOU and the Subregional MOUs. The MOUs will include the following IRWM planning requirements:

- Description of the governance structure.
- Description of how the governance addresses and ensures various activities, such as public involvement processes.
- Description of the decision-making process and how a decision is vetted with stakeholders, the RWMG, and subregional committees.
- Description of the manner in which the governance structure ensures balanced access and opportunity for participation in the IRWM and subregions.
- Description of how the governance fosters communication with the different subregions within the RWMG, with project proponents, with general stakeholders, with neighboring RWMGs, government agencies, and the general public.
- Description of how governance helps ensure implementation of the Plan in the long-term.
- Explanation of how governance will help ensure coordination with neighboring IRWM efforts, State agencies and Federal agencies.
- Explanation of how the governance structure shows that a collaborative process will be used to establish Plan objectives.
- Explanation of how the governance structure facilitates interim changes and formal changes to the Plan.
- Description of the process involved in updating or amending the IRWM Plan.

Deliverables:

- RWMG and Subregional MOUs

Task 1.5 Compile Governance Section

The *Governance* section of the IRWM Plan Update will be based on information developed in Tasks 1.1 through 1.4. This task involves compiling the information, reviewing and discussing the draft *Governance* section with the RWMG, Subregional Committees, and the WRAC, and finalizing the *Governance* section.

Deliverables:

- Draft *Governance* section that provides a comprehensive description of the San Luis Obispo IRWM RWMG's governance, roles and responsibilities and decision-making process.
- Final *Governance* section

2. Update Region Description

Guidelines Requirement(s)

- *Describe watersheds/water system.*
- *Describe internal boundaries.*
- *Describe water supply and demand projections for at least a 20-year planning horizon.*
- *Describe the current and future (or proposed) water quality conditions. Describe any protection and improvement of water quality within the area of the IRWM Plan. Describe any Basin Plans, Watershed Management Initiatives, and water quality goals and objectives for watersheds in the region. Describe any projects or examples within the region matching water quality to water use.*
- *Describe social and cultural makeup of the regional community.*
- *Explain regional IRWM boundary and why it is an appropriate area for IRWM planning.*
- *Identify neighboring or overlapping IRWM regions.*
- *Describe likely climate change impacts on the region.*

This task involves updating the Region Description section and maps in the existing IRWM Plan for all the above items.

Task 2.1 Update Region Description

The Subregional Committees will allocate staff and/or a consultant to collate information/data and update existing descriptions of the following for each of the subregions:

- Watersheds and water systems
- Internal boundaries
- Water supply and demand projections for at least a 20-year planning horizon, taking into consideration impacts of climate change and drought
- Water quality information
- Basin Plan, TMDLs, and regional board priorities (long-term watershed protection by improving municipal development review and approval, stormwater management improvement through development of hydromodification controls, groundwater recharge area protection, riparian habitat improvement in urban and agricultural areas, and elimination and reduction in pollution from agricultural discharges)
- Watershed flooding
- Ecological Process/Environmental Resources
- Social/cultural/economic information and statistics, including disadvantaged communities and environmental justice concerns
- Major water-related objectives and conflicts

The RWMG will allocate staff and/or a consultant to collate information/data and update existing descriptions of the following for the IRWM region:

- The regional IRWM boundary, the process involved in determining the boundary, and why the region is appropriate as an IRWM region
- Neighboring and overlapping IRWM regions

Task 2.2 Compile Expanded Region Description Information

This work plan includes several tasks that will contribute new information to the *Region Description* section. Tasks xx (Conduct Climate Change Analysis) will result in a discussion of likely climate change impacts on the region and its water resources, along with the region's vulnerabilities to climate change. Task xx ...

This task will be completed by the RWMG. This task will combine the new information from Tasks xx.. with the updated region description information from Task 2.1 into an expanded *Region Description* section.

Task 2.3 Update and develop new maps in the Region Description

The Subregional Committees will allocate staff and/or a consultant to review the maps in the existing IRWM Plan and and develop new maps to address data gaps or to improve communication of subregional characteristics to stakeholders (e.g. agency boundaries for water supply, wastewater, flood protection, land use, and locations of disadvantaged communities at the census block level and Native American tribal lands, updated neighboring IRWM approved regions from the Region Acceptance Process).

The RWMG will consolidate and present the maps for the broader IRWM region. The IRWM mapping will aid in the identification of broader regional data gaps, needs and opportunities.

Deliverables:

- Subregional and Regional Maps

Task 2.4 Compile Region Description Section

The *Region Description* section of the IRWM Plan Update will be based on information developed in Tasks 2.1 through 2.3. This task involves compiling the information, reviewing and discussing the draft *Region Description* section with the RWMG, Subregional Committees, and the WRAC, and finalizing the *Region Description* section.

Deliverables:

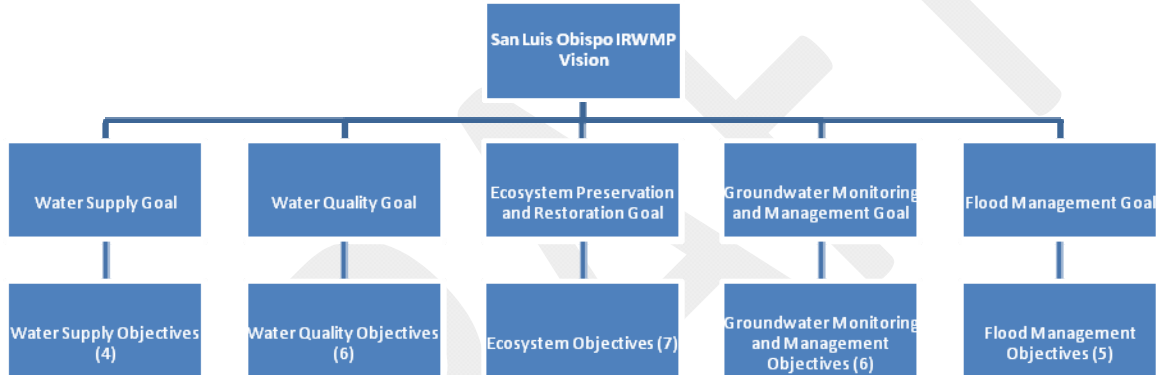
- Draft Updated *Region Description* section that provides a comprehensive description of the San Luis Obispo County and subregions including the jurisdictional and physiographic boundaries, water supply/demand and quality information, water infrastructure, land use information, environmental resources, demographic characteristics, and areas susceptible to sea level rise as a result of climate change.
- Final *Region Description* section

3. Update Plan Objectives

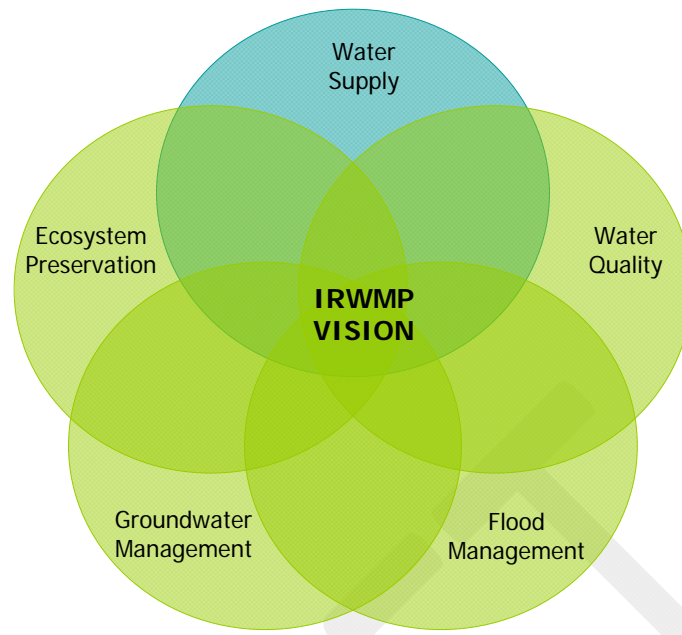
Guidelines Requirement(s)

- *Determine IRWM Plan objectives.*
- *Describe the collaborative process and tools used to establish objectives.*
- *Describe metric the IRWM region can use to measure if objectives are being met as the IRWM Plan is implemented.*
- *Explain prioritization of Plan objectives.*

Through a collaborative effort, the San Luis Obispo County region developed a vision, goals and objectives for the entire IRWM planning region as depicted in the figure below.



Although the figure depicts five independent goals established to achieve the vision, there are relationships and synergies between the goals. For example, achieving the flood management objectives will help meet water quality objectives or achieving the water supply objectives will help meet ecosystem objectives. This relationship is best depicted in the following figure.



Under the modified IRWM structure and approach, an IRWM Vision and IRWM goals will be developed for the region. However, the objectives for meeting the IRWM goals will be developed and prioritized by subregion. This approach will establish goals and expectations for the IRWM region while allowing the subregions to define objectives that will meet the goals based on the subregions issues and opportunities. For example, if the IRWM goal is to protect communities from drought, one subregion may have a greater opportunity to define an objective that prioritizes the development of drought tolerant water recycling supplies while another subregion may have a better opportunity to maximize groundwater storage for drought year use. The subregions will prioritize the objectives based on the subregions critical needs. The greater IRWM responsibility will be to assess the subregional priorities and identify opportunities for integration or regional implementation. This approach will allow the subregions to focus on their priorities while satisfying the greater IRWM mission and goals.

The current vision statement is:

The San Luis Integrated Regional Water Management Plan seeks to enhance regional cooperation promoting sustainable water resource management while balancing economic, environmental and cultural values, and property rights; recognizing the role of regulatory agencies and the autonomy of individual jurisdictions.

The IRWMP established five key regional goals:

1. Water Supply - Improve regional water supply reliability and security, reduce dependence on imported water, reduce water rights disputes and protect watershed communities from drought with a focus on interagency conjunctive use of regional water resources without unfairly burdening communities, neighborhoods or individuals.
2. Water Quality - Protect and improve water quality for beneficial uses consistent with regional interests and the Basin Plan in cooperation with local and state agencies and regional stakeholders without unfairly burdening communities, neighborhoods or individuals.
3. Ecosystem Preservation and Restoration Goal - Protect, enhance and restore the region's natural resources including open spaces; fish, wildlife and migratory bird habitat; special status and native plants; wetlands; estuarine, marine, and coastal ecosystems; streams, lakes, and reservoirs; forests; and agricultural lands without unfairly burdening communities, neighborhoods or individuals.
4. Groundwater Monitoring and Management Goal - Monitor, protect, and improve the regions groundwater through a collaborative approach designed to reduce conflicts without unfairly burdening communities, neighborhoods or individuals.
5. Flood Management Goal - Develop, fund, and implement an integrated, watershed approach to flood management through a collaborative and community supported process without unfairly burdening communities, neighborhoods or individuals.

Each of these goals contained key objectives that established the intent of the IRWM Plan. These goals and objectives were based on the significant water-related needs and conflicts in the region. The following tasks detail what is required to update the IRWM Plan vision, goals, and objectives:

Task 3.1 Draft Updated Vision and Goals

The 2007 Vision and Goals will be reviewed and updated to address the August 2010 Guidelines, the changed conditions for the region, and the focused subregional IRWM planning approach.

The updated Vision and Goals process will be led by the RWMG in cooperation with the subregional committees, the WRAC and other stakeholders. The goals will not be prioritized at a regional level, therefore allowing the subregions to define their priorities.

Deliverable:

- Updated San Luis Obispo IRWM planning vision and goals
- Description of the collaborative process for developing the vision and goals

Task 3.2 Draft Updated Objectives

The Subregional committees will take the lead in updating the objectives for their subregions. The objectives will be based on the needs and opportunities for the subregion while satisfying

the IRWM vision and goals. The subregions can choose to start with the 2007 objectives or not. The objectives will need to be developed to ensure consistency with the following:

- San Luis IRWM Vision and Goals
- August 2010 IRWMP Guidelines
- Basin Plan Objectives
- 20x2020 Water Efficiency Goals
- Requirements of CWC §10540(c)
- Changes in the region's conditions and needs as developed in Task 2

Although the Basin Plan Objectives were considered during the 2007 IRWMP process, the goals must be revisited to consider the updated Basin Plan. Additionally, the State has since established the goal to reduce water use by 20% per capita by the year 2020. Additional aspects of SBx7-7, such as improving agricultural water use efficiency, must be considered in the revised objectives. The revised objectives must also consider inclusion of the requirements of CWC §10540(c), including:

- Protection and improvement of water supply reliability, including identification of feasible agricultural and urban water use efficiency strategies.
- Identification and consideration of the drinking water quality of communities within the area of the Plan.
- Protection and improvement of water quality within the area of the Plan consistent with relevant basin plan.
- Identification of any significant threats to groundwater resources from overdrafting.
- Protection, restoration, and improvement of stewardship of aquatic, riparian, and watershed resources within the region.
- Protection of groundwater resources from contamination.
- Identification and consideration of water-related needs of disadvantaged communities in the area within the boundaries of the Plan.

The objectives will also be updated to reflect any objectives for adapting to and mitigating climate change.

Finally, any additional documents or changed regional conditions that could help define objectives, such as water management plans and local land use plans, will also be considered in the process of updating objectives.

All objectives established by this process will be measurable and contain metrics that will be used to determine if the objective is being met during implementation of the Plan. Metrics will be quantitative and/or qualitative, depending on the objective.

The subregional committees will review the objectives with the RWMG and the WRAC. The draft updated IRWM Plan objectives and metrics will be presented and discussed at a WRAC

workshop. The updated objectives may also be presented to the Board's of the RWMG or subregional committee agencies.

Deliverable:

- Draft updated IRWM Plan objectives and metrics that provide a basis for identifying resource management strategies, projects and programs
- Description of the collaborative process for developing the objectives

Task 3.3 Prioritize Objectives

The Subregional committees will take the lead in prioritizing the objectives for their subregions. The subregions may consider using the following prioritization tools.

- Tiered or grouped together as one priority for implementation
- Grouped as short-term and long-term priorities for implementation
- Grouped as spatial or temporal priorities for implementation

The draft updated prioritization method will be presented to the RWMG for consensus. Once RWMG and stakeholder input is reviewed and addressed, the method will be revised as needed and the objectives will be prioritized.

Deliverables:

- Prioritized Objectives by Subregion
- Description of the collaborative process for prioritizing the objectives

Task 3.4 Finalize Updated Objectives and Objectives Prioritization

The RWMG will compile the prioritized objectives by subregion and identify objectives consistent across the subregions that should be considered as IRWM regional objectives. Regional objectives may be used to prioritize projects or programs, allowing those projects or programs that meet the regional objectives to be considered higher priority.

This information will be used to develop an updated *Objectives* section that presents the prioritized objectives and their metrics, describes the process for establishing the objectives, and explains the hierarchy of the goals and objectives.

Deliverable:

- Draft updated *Objectives* Section that has support of the RWMG and stakeholders.
- Final *Objectives* Section.

4. Develop Resource Management Strategies Section

Guidelines Requirement(s)

- *Document the process used to consider RMS in the IRWM Plan.*

-
- Describe which RMS were considered (include all RMS listed in Table 3 of the Guidelines).
 - Describe which RMS of those considered would be implemented to achieve the objectives of the IRWM Plan.
 - Demonstrate how the effects of climate change on the region are factored into its resource management strategies.
-

The IRWM Plan currently considers the following Water Management Strategies:

- Water Supply Reliability
- Groundwater Management
- Water Recycling
- Desalination
- Imported Water
- Surface Storage
- Water and Wastewater Treatment
- Water Transfers
- Conjunctive Use
- Water Conservation
- Water Quality Protection and Enhancement
- Stormwater Capture and Management
- NPS Pollution Control
- Flood Management
- Ecosystem Restoration
- Environmental and Habitat Protection and Improvement
- Recreation and Public Access
- Wetlands Enhancement and Creation
- Watershed Planning
- Land Use Planning

These strategies will be revised and refined as part of the Plan update, to ensure that all Resource Management Strategies in the Proposition 84 Guidelines are considered for incorporation into the Plan update.

This task involves updating the Water Management Strategies section in the existing Plan to a *Resources Management Strategies* section. The following tasks detail what is required in this effort:

Task 4.1 Document process used to consider RMS in Plan Update

The subregional committees will review and consider each of the Resource Management Strategies (RMS) in the California Water Plan Update 2009 (Table 3 of the Guidelines) and document the process (i.e. technical analysis, stakeholder input, etc.) for deciding how

applicable each strategy is in meeting IRWM subregional objectives. The subregional committees will evaluate the list of Water Management Strategies (WMS) in the existing IRWM Plan against all the RMS in Table 3 of the Guidelines, list the RMS considered, and for each strategy considered, explain the reasoning behind the decision. The decision-making process will include consideration of the Governance, Region Description, and Objectives sections of the updated Plan.

Task 4.2 Identify RMS that will be implemented and identify gaps

The subregional committees will list which RMS of those considered will be implemented to achieve the objectives of the subregion. The subregional committees will review the existing list of projects and newly identified projects against the selected RMS and identify the RMS that will need further implementation. The committees will solicit input from the RWMG and stakeholders at a WRAC workshop to review the selected RMS and identify projects to address the RMS that need further implementation. The “no regrets” package of resource management strategies identified in **Task xx** for responding to climate change impacts and vulnerabilities will also be included in this section.

Deliverable:

- RMS Summary by Subregion

Task 4.3 RMS Integration and Regionalization

The RWMG will compile and analyze the RMS information by subregion. The RWMG will evaluate the RMS that were identified as needing further implementation to determine if that RMS is being addressed in another subregion, thereby allowing that subregion to remove it from its list of RMS requiring further implementation. If an RMS is identified as requiring further implementation in all subregions, then the RWMG will identify regional projects to address the RMS. Additionally, the RWMG will identify opportunities to integrate projects across the subregions that could be implemented regionally.

This information will be used to develop an updated *Resource Management Strategies* section that describes how the projects will help achieve the IRWM Plan objectives.

Deliverable:

- *Resource Management Strategies* section that identified Resource Management Strategies that will help achieve the Objectives of the IRWM Plan.

5. Prepare Project Review and Selection Section

Guidelines Requirement(s)

- *Procedures for submitting a project to the IRWM Plan*
- *Procedures for review of projects to implement the IRWM Plan*
- *Procedure for communicating the list(s) of selected projects*

This task addresses multiple Program Preferences. This task will ensure regional projects and programs are included in the IRWM Plan. The project review process effectively integrates water management programs and projects. The subregional project review and prioritization process also provides a means for effectively resolving significant water-related conflicts within the subregions. The project review process will consider benefits to disadvantaged and tribal communities, as well as environmental justice considerations. The projects selected through the project review process will address critical water supply and water quality needs of DACs in the region.

The development of the Project Review and Selection section will include the following:

Task 5.1 Document process for submitting a project for inclusion in the IRWM Plan

The RWMG will develop project submittal guidance documentation in the form of a project template to guide project information submittal from project proponents to the subregions. As part of the Plan update, this process will be further defined and formalized to include a procedure for adding projects into the Plan, including specifying the format of the documentation, developing schedules for project solicitation and project review and ranking, and specifying the tools available to assist DAC project proponents with their project submittal.

Task 5.2 Update Project Review Process

The RWMG envisions developing a two stage project review process, consisting of committee prioritization based on how the project contributes to subregional objectives in the first stage, and RWMG development of regional programs in the second stage. This process is expected to be effective in identifying projects to meet subregional priorities and maximize opportunities for regional projects and programs.

Additionally, the subregional committees will include the following review factors:

- A. *How the project is related to resource management strategies*
- B. *Technical feasibility of the project*
- C. *Specific benefits to critical DAC water issues*
- D. *Specific benefits to critical water issues for Native American tribal communities*
- E. *Environmental Justice Considerations*
- F. *Project Costs and Financing*
- G. *Economic Feasibility*
- H. *Project Status*
- I. *Strategic considerations for IRWM Plan Implementation*
- J. *Purposefully implementing projects with multi-benefits*
- K. *Contribution of the project in adapting to the effects of climate change*
- L. *Contribution of the project in reducing GHG emissions as compared to project alternatives*

The RWMG will collaborate with the subregional committees to determine how best to consider these additional review factors in the project review process, including whether various weights should be added to some factors. In addition, the draft updated project review process will be reviewed and discussed at a WRAC workshop.

Deliverable:

- Project Review Process

Task 5.3 Update Project List

The subregional committees will update the project list in the existing IRWM Plan as part of the Plan update. This task will involve updating and expanding the descriptions of existing projects. In addition, new projects may be added based on the review of RMS, outreach with DACs and other stakeholders, and coordination with other agencies and organizations. It is anticipated that projects proponents will assist in developing project descriptions that are sufficient for evaluating projects in the project review process. All the projects under consideration will be reviewed and prioritized in accordance with the project review process developed in Task 5.2.

Deliverable:

- Updated and Prioritized Project List by Subregion

Task 5.4 Regional Project List

The RWMG will compile and analyze the updated project list by subregion. The RWMG will evaluate the projects to determine if there is an opportunity for integration of or collaboration projects between subregions.

Deliverable:

- Regional Project List

Task 5.5 Develop and implement procedure for communicating the list of selected projects

The RWMG will develop a procedure for communicating the updated prioritized list of projects to stakeholders. The RWMG anticipates reviewing and discussing the updated lists at a WRAC workshops. The RWMG will also begin posting the project list on at least one of the RWMG members' website and providing a hyperlink to the list in all stakeholder communications.

Deliverable:

- IRWM project list posted on RWMG member website that provides a comprehensive description of the IRWM projects that will be implemented to fulfill the objectives of the IRWM Plan.

Task 5.6 Compile Project Review and Selection Section

The RWMG will compile information and process developed in the preceding tasks into a *Project Review and Selection* section.

Deliverable:

- *Project Review and Selection* section that provides a comprehensive description of the San Luis Obispo County IRWM project review process, updated project review criteria, and implementation project lists.

6. Update Impacts and Benefits Section

Guidelines Requirement(s)

- *Include a screening level discussion of the potential impacts and benefits of plan implementation*
- *Clearly state when more detailed project-specific impact and benefit analyses will occur*

This task involves updating the Impacts and Benefits section of the IRWM Plan to discuss the potential impacts and benefits of Plan implementation. The discussion will include both impacts and benefits within the IRWM region; between regions; and those directly affecting DAC, EJ related concerns, and Native American tribal communities. The existing Plan is organized into three subsections including 1) Benefits of the IRWMP process, 2) IRWMP Implementation Benefits and Impacts, and 3) Disadvantaged Community Benefits.

The following tasks detail what is required in this effort:

Task 6.1 Review and update screening-level discussion of impacts and benefits

The subregional committees will evaluate the potential benefits and impacts to be gained by implementing the updated project list, based on project information submitted by project proponents. The subregional committees will work with staff and/or a consultant to develop a screening level discussion of the potential impacts and benefits of plan implementation. Specific impacts and benefits from individual projects will be measured and tracked on a project-by-project basis, consistent with each project's monitoring and reporting plan. Each project sponsor is responsible for project specific impact analysis as required by CEQA and/or NEPA. Information from project specific CEQA/NEPA analyses will be incorporated into the IRWM Plan if available.

Additionally, the RWMG will evaluate the potential benefits and impacts to be gained by implementing the regional projects developed in Task 5.4. This task will also involve reviewing the presentation of impacts and benefits in the existing Plan and creating a format to organize the impacts and benefits in such a way that will reflect the emphasis of the San Luis Obispo County IRWM region (e.g. by subregional/local benefits, RMS, or objectives).

Task 6.2 Identify and analyze direct impacts and benefits affecting DAC, EJ concerns, and Native American tribal communities

The RWMG will consult local stakeholders and environmental justice organizations that are actively involved in working with DACs in San Luis Obispo County to identify and analyze

potential direct impacts or benefits to DAC/EJ communities from Plan implementation. This task will leverage on the location analysis of DACs conducted in Task 2.3 (Update and develop new maps in the Region Description) to analyze impacts and benefits of projects located in or within the vicinity of disadvantaged communities to include additional impacts and benefits into the IRWM Plan update. Project specific DAC/EJ impacts and benefits analysis from CEQA/NEPA documents will be incorporated if available.

Task 6.3 Develop benchmark for assessing impacts and benefits

The RWMG will need to update the Impacts and Benefits section as the Plan is implemented, projects become more defined, and Plan performance data is gathered. The RWMG will coordinate with project sponsors to clearly describe in the Plan update when a more detailed project-specific impact and benefit analyses will occur, and clarify that the more detailed analysis will be conducted prior to any implementation activity.

The benchmark for assessing benefits and impacts of the IRWMP process and proposed projects will be linked to the goals and objectives established in Task 3. The benchmark may be objective or subjective. For example, a flood protection project may provide a reduction in downstream flows. This reduction may be equivalent to providing 10% of the 100-year flood protection solution (objective). The same project may also provide significant benefits to gaining consensus on a 100-year flood protection project (subjective). The RWMG will work with the subregional committees to develop appropriate objective and subjective benchmarks for assessing impacts and benefits.

Deliverable:

- *Impacts and Benefits* section that identifies potential impacts and benefits associated with IRWM Plan implementation, the timeline for preparing project-specific impact and benefit analyses, and benchmarks for assessing the *Impacts and Benefits* section

7. Update Plan Performance and Monitoring Section

Guidelines Requirement(s)

- *Explain whom or what group within the RWMG will be responsible for IRWM implementation evaluation.*
- *List the frequency of evaluating the RWMG's performance at implementing projects in the IRWM Plan.*
- *Explain how IRWM implementation will be tracked with a Data Management System (DMS) and who will be responsible for maintaining the DMS.*
- *Discuss how findings or "lessons learned" from project-specific monitoring efforts will be used to improve the RWMG's ability to implement future projects in the IRWM Plan.*
- *Identify who has the primary responsibility for development of the project-specific monitoring plans and who is responsible for project-specific monitoring activities.*
- *Specify the stage of project development that a project-specific monitoring plan will be prepared.*

- *Provide an explanation of typically required contents of a project-specific monitoring plan including:*
 - *Clearly and concisely (in a table format) describe what is being monitored for each project. Examples include monitoring for water quality, water depth, flood frequency, and effects the project may have on habitat or particular species (before and after construction).*
 - *Measures to remedy or react to problems encountered during monitoring. An example would be to coordinate with the Department of Fish and Game if a species or its habitat is adversely impacted during construction or after implementation of a project.*
 - *Location of monitoring*
 - *Monitoring frequency*
 - *Monitoring protocols/methodologies, including who will perform the monitoring*
 - *DMS or procedures to keep track of what is monitored. Each project's monitoring plan will also need to address how the data collected will be or can be incorporated into Statewide databases. Note that standards and guidance related to the integration of data into Statewide databases is included in Data Management Standard.*
 - *Procedures to ensure the monitoring schedule is maintained and that adequate resources (funding) are available to maintain monitoring of the project throughout the scheduled monitoring timeframe*
-

Per PRC 75026.(a), all IRWM Plans “shall include performance measures and monitoring to document progress towards meeting plan objectives.” Plan Performance and Monitoring Standards ensure that:

- The RWMG is efficiently making progress towards meeting the objectives in the IRWM Plan.
- The RWMG is implementing projects listed in the IRWM Plan.
- Each project in the IRWM Plan is monitored to comply with all applicable rules, laws, and permit requirements.

The existing plan needs to be updated to meet the August 2010 Guidelines.

Task 7.1 Review and update institutional structure for IRWM implementation evaluation

This task involves reviewing the effectiveness of the governance structure in terms of conducting IRWM Plan assessment, including designation of responsibilities and responsible parties, the frequency of assessment at both the IRWM Plan and project level, and the frequency of evaluating the performance of the IRWM Plan.

Task 7.2 Explain how IRWM implementation will be tracked with a Data Management System (DMS) and who will be responsible for maintaining the DMS

The RWMG will work with project proponents to develop a mechanism for assessing IRWM Plan performance in contributing to subregional priorities and objectives. The RWMG will develop methods for maintaining an IRWM project database with project information, progress updates, and lessons learned.

Task 7.3: Draft Plan Performance and Monitoring Program

The RWMG will develop a plan performance and monitoring program that addresses:

- Responsibility for implementation evaluation
- Frequency of evaluation
- Data management system (DMS) tracking and maintenance
- Conducting “lessons learned” evaluations to improve plan performance
- Responsibility for project-specific monitoring
- Triggers for requiring a project-specific monitoring plan
- Typical contents of a project-specific monitoring plan

The “lessons learned” evaluations will be used to determine whether amendments to the updated Plan are appropriate. Significant changes in conditions in the region or the understanding of the region may necessitate updating resource management strategies or objectives. Changes may include more effects of climate change, development of new tools, and new information on climate change. Project implementation may also result in significant changes. The process for evaluating new information and conditions and determining how to respond will be included in the Plan Performance and Monitoring section. The process for amending the plan will be described in the Governance section.

The draft plan performance and monitoring program will be developed in collaboration with subregional committees. The program will also be presented and discussed at a WRAC workshop.

Deliverable:

- *Plan Performance and Monitoring Section* that describes the procedure for evaluating plan implementation progress, including measures of performance, monitoring systems, and methods to adapt the IRWM Plan and its projects based on the findings of the evaluation.

8. Update Data Management Section

Guidelines Requirement(s)

- *Provide a brief overview of data needs within the IRWM region*
- *Describe typical data collection techniques*
- *Describe how stakeholder contribute data to a DMS*
- *Identify the entity responsible for maintaining data in the DMS*

- *Describe the validation or quality assurance/quality control measures that will be implemented by the RWMG for data generated and submitted for inclusion into the DMS.*
- *Explain how data collected for IRWM project implementation will be transferred or shared between members of the RWMG and other interested parties throughout the IRWM region, including local, State and federal agencies.*
- *Explain how the DMS supports the RWMG's efforts to share collected data*
- *Outline how the data saved in the DMS will be distributed and remain compatible with State databases.*

The 2007 IRWMP will need to be updated to reflect the requirements of the 2010 Guidelines. The existing IRWM Plan does not fully meet current standards to describe the process for data collection, storage and dissemination to IRWM participants, stakeholders, the public, and the State.

Task 8.1: Review Data Needs

The RWMG will identify data needs within the IRWM region based on the subregional Objectives, prioritized project list, and plan performance and monitoring program. The RWMG will also determine typical data collection techniques in the region through discussions amongst the RWMG, subregional committees, project proponents and stakeholders. The RWMG will identify data collection activities and opportunities for collaboration of the neighboring IRWM regions. Lastly, the RWMG will also review the data formatting and procedural standards for State databases (i.e., SWAMP, GAMA, and CERES) so that the RWMG understands the linkages between IRWM region's data and the various State data programs, and future data submittals from the RWMG to the State databases will meet State database requirements for integration.

Deliverable:

- Technical memorandum of data needs for the region

Task 8.2 Assess Available Data Programs

The RWMG will use the information developed in Task 8.1 to assess available data management systems (DMSs). Different options that will be considered will be off-the-shelf project management applications that enable data sharing and customized web-based applications. The systems will be assessed for their ability to receive a variety of data from different sources, implementation and maintenance requirements, their ability to make data available to other parties, cost, and other factors. The purpose of the assessment will be to identify an effective and efficient DMS that supports the data needs of the region, provides for making data accessible to stakeholders, neighboring IRWM regions, and the State, and can be readily managed by the RWMG.

Deliverable:

- Selection of a DMS

Task 8.3: Establish DMS Protocol

Once data needs are evaluated and a DMS is selected, the RWMG can establish the DMS Protocol, including:

- Data collection techniques
- Description of how stakeholders contribute to a DMS
- Entity responsible for maintaining a DMS
- Validation and quality assurance/ quality control measures for data
- Data sharing and collection protocols
- Compatibility with State databases

The draft DMS protocol will be developed in collaboration with the subregional committees. It will also be reviewed and discussed at a WRAC workshop.

Deliverable:

- Updated *Data Management* Section that provides a comprehensive description of the DMS structure, roles and responsibilities, data sharing procedures, and steps taken to ensure that data is compatible with State databases.

9. Update Financing Section

Guidelines Requirement(s)

- *Provide program-level description of the sources of funding, which will be utilized for the development and ongoing funding of the IRWM Plan.*
- *Describe the potential funding sources for projects and programs that implement the IRWM Plan.*
- *Discuss the potential sources of funding for project O&M.*
- *Indicate the certainty and longevity of the funding sources.*
- *Include explanatory text that would help a stakeholder understand how the IRWM Plan would be financed.*

The 2007 IRWMP will be updated to include the components of the revised Finance Standard, per the August 2010 Guidelines. Financing must be considered on a programmatic level and documented in a transparent manner to project stakeholders. Since funding for IRWM planning and implementation projects will come from multiple sources, these sources must be clearly documented so that the RWMG and stakeholders can clearly understand how the funding pieces fit together and how the plan will be implemented. There are many funding sources, including:

- Ratepayers
- Operating funds

- Water Enterprise funds
- Special taxes, assessments, and fees
- State or federal grants and loans
- Private loans
- Local bonds

Task 9.1: Update IRWMP Finance Section and Finance Table

The IRWMP finance section will include a program-level description of the sources of funding, which will be utilized for the development and ongoing funding of the IRWM Plan. It will also include potential funding sources for projects and programs that implement the IRWM Plan. Many of the funding sources in the existing IRWM Plan are no longer current and need to be updated as part of this task. The RWMG will identify program-level sources of funding that will be utilized for ongoing IRWM planning and plan maintenance.

The regional subcommittees will work with project proponents to update the list of funding sources for projects and programs to implement the IRWM Plan. Most of the funding for implementing projects and programs comes from a combination of funding sources such as capital improvement programs, rate/revenue user charges, and service connection fees. O&M funding sources include water/wastewater/stormwater utility customer charges. The certainty and longevity of these funds will be described, as for State and federal funding sources. This information will be summarized in a finance table that will include the following components:

- Activity Description
- Approximate Total Cost
- Funding Source and % of Total Cost
- Funding Certainty, Status, and Longevity (including status of grant agreement and date of submittal)
- O&M Finance Source
- O&M Finance Certainty

If the project sponsor is targeting a State grant program to fund an implementation project, this section will include a discussion of whether the funding has been secured via a grant award with the State and the status of associated grant agreement, and whether an application for funding has or will be submitted at a future date.

The draft update Finance Section will be reviewed and discussed at a WRAC workshop.

Deliverable:

- Updated *Finance Section and Finance Table* that describes the sources of funding identified for IRWM planning and implementation and the certainty and longevity of this funding sources

10. Update Technical Analysis Section

Guidelines Requirement(s)

- *Describe the technical information sources and/or data sets used to develop the water management needs in the IRWM Plan. Explain why this technical information is representative or adequate for developing the IRWM Plan.*
- *Identify data gaps where additional monitoring or studies are needed, and describe how the Plan will help bridge these data gaps.*
- *Describe studies, models, or other technical methodologies used to analyze the technical information and data sets. Explain how this information aid the RWMG's and stakeholders' understanding of the water management picture for the period of the planning horizon.*

By the time the IRWMP is updated, nearly seven years will have passed since the 2007 version of the Plan was adopted. Much will have changed during this period and it is essential that the latest technical information, analyses, and methods be incorporated into the Plan.

Task 10.1: Develop Technical Information Source Matrix

A Technical Information Source Matrix will be developed which contains the following information:

- Data sources/ data sets
- Adequacy of data
- Relevancy of data

Deliverable:

- Technical Information Source Matrix

Task 10.2: Identify Data Gaps

The subregional committees will identify data gaps and areas where additional monitoring or studies are needed. This will include working with project proponents to identify data gaps and reviewing current information to ensure that it accurately reflects current and anticipated conditions.

The RWMG will evaluate the subregional data gaps to identify opportunities for regional monitoring or studies to address the data gaps.

Deliverable:

- List and description of subregional and regional data gaps

Task 10.3: Develop Technical Analyses and Methods

The RWMG will expand the matrix developed in Task 10.1 to include information on how the data was analyzed, including:

- Function of technical analysis
- Outcome of technical analysis
- Certainty
- Application of outcomes on the planning horizon

Deliverable:

- Summary matrix of data sources, technical analyses performed, and outcomes and uses the analyses

Task 10.4: Prepare Updated Technical Analysis Section

All of the information noted above will be brought together into the updated Technical Analysis Sections of the revised IRWMP.

Deliverable:

- Updated *Technical Analysis* Section that describes the technical analyses conducted and the outcomes of the analyses

11. Update Relation to Local Water Planning Section

Guidelines Requirement(s)

- *Describe how the RWMG has or will coordinate its water management planning activities to address or incorporate member actions related to local water planning.*
-

The 2007 IRWM Plan was developed in coordination with local water agencies and the planning documents that have been produced for the San Luis Obispo County region. These include Urban Water Management Plans, and other plans covering a number of areas such as recycled water, groundwater management, water resources, flood protection and environmental enhancement. The relevance of these documents to the IRWM Plan is discussed and summarized in the existing IRWM Plan.

Task 11. 1 Update description of IRWM Plan relationship with local planning documents

The subregional committees will allocate staff and/or a consultant to consolidate the latest water management planning activities in the region into the IRWM Plan. This will be accomplished through contacts with local agencies and reviews of updated planning documents (e.g. groundwater management plans, urban water management plans, water supply assessments, general plans, stormwater management plans, etc.) to ensure local resource management plans are adequately incorporated into the IRWM Plan and identify opportunities for developing integrated water management programs and projects. Climate change adaptation

and mitigation strategies that are identified in Task 15 (Climate Change Analysis) will be incorporated into the update.

Deliverable:

- Updated *Relation to Local Planning* Section

12. Update Relation to Local Land Use Planning Section

Guidelines Requirement(s)

- *Describe the current relationship between local land use planning entities and water management entities. Describe how water management input is considered in land use decisions and vice-versa.*
 - *Describe future efforts in the process of establishing a proactive relationship between land use planning and water management*
-

This task involves updating the *Relation to Local Planning* section in the IRWM Plan. Land use agency involvement in the IRWM Plan is currently coordinated through participation of local land use agency representatives at WRAC meetings and the project solicitation process.

The RWMG recognizes the need to link water system, water quality, and flood protection planning with land use planning within cities and counties to develop integrated strategies to address the impacts of climate change, e.g. increased flooding and variability of flooding. These may include encouraging adoption of the Ahwahnee Water Principles for Resource Efficient land use into local zoning codes, planning codes, specific plans or general plan elements; use of Low Impact Development (LID) as a planning tool and development of watershed management plans integrating land use policies and water management policies.

This work will address the Program Preference to effectively integrate water management with land use planning.

The update of the *Relation to Local Land Use Planning* section would include the following:

Task 12.1 Identify links between the IRWM Plan and local land use planning

The subregional committees will identify objectives, resource management strategies, and projects that have a linkage with local land use planning. This effort will include strategies for adapting to climate change and, potentially, offset climate change impacts. Many local land use agencies are already incorporating strategies for addressing climate change.

Task 12.2 Describe the current relationship between local land use planning entities and water management entities

The subregional committees will describe how water management and land use planning entities currently interact through participation by land use planners in the subregion's governance structure.

Task 12.3 Describe future efforts to establish a proactive relationship between land use planning and water management

Based on the potential linkages between the IRWM plan and land use planning and the existing relationship between water management and land use planning entities, the subregional committees will identify opportunities for improving the relationship and information communication, as well as opportunities for communicating the linkages identified in Task 12.1 to local land use agencies. These opportunities will be evaluated and prioritized in collaboration with the RWMG and WRAC. The result of this evaluation will be included in the updated Relation to Local Land Use Planning section.

Deliverable:

- Updated *Relation to Local Land Use Planning* Section that describes how the RWMG and subregional committees will improve coordination of planning efforts with local land use agencies

13. Update Stakeholder Involvement Section

Guidelines Requirement(s)

- *List the stakeholders participating in the IRWM planning effort.*
- *Describe the processes that provide outreach and an opportunity to participate in plan development and implementation.*
- *Discuss how DACs in the region have been identified and what efforts have been/will be taken to include them in the RWMG.*
- *Account for technology and information barriers to stakeholder participation.*
- *Describe decision making process, the committees and groups, and how stakeholders can provide input to the process.*
- *Describe how the stakeholders necessary to meet Plan objectives are involved in Plan activities or are being invited to participate in Plan activities.*
- *Discuss what mechanisms the Plan includes that describe how stakeholders not currently involved in the Plan will be invited to participate.*

This task involves improving upon the existing *Stakeholder Involvement* process and section in the Plan update to identify stakeholders included in developing the IRWM Plan, the manner in which stakeholders representative of the San Luis Obispo County IRWM region and each of the three subregions are identified, how they participate in IRWM Plan development and

implementation, and how stakeholders become engaged in water management decision making.

This task will update the public process that provides outreach and opportunity to participate in the IRWM Plan development and implementation to the appropriate agencies and stakeholders. The RWMG and Subregional Committees strive to identify and provide outreach to the wide variety of potential IRWM stakeholders including:

- Wholesale and retail water purveyors
- Wastewater agencies
- Flood control agencies
- Municipal and county governments and special districts
- Electrical corporations
- Native American tribes
- Self-supplied water users
- Environmental stewardship organizations
- Community organizations
- Industry organizations State, federal, and regional agencies or universities
- Disadvantaged community (DAC) members
- Any other interested group appropriate to the region

The RWMG and Subregional committees will provide outreach to and encourage participation of interested stakeholders in the IRWM Plan update process, as well as in future project/program solicitation rounds.

Task 13.1 Review and Update List of Stakeholders and DACs

The RWMG and Subregional committees, in cooperation with the WRAC, will update the list of currently engaged stakeholders, as well as identify potential new stakeholders with a particular focus on DACs, Native American tribes, and underrepresented stakeholders (see Task 17).

Deliverables:

- Update list of stakeholders
- Update list of DACs
- Description of how DACs are identified (see Task 17)

Task 13.2 Create a Communications Plan

Following the establishment of the *Governance* process, the RWMG and Subregional committees will develop a Communications Plan. The plan will clearly describe the three subregions, subregion-to-RWMG decision making process, and how stakeholder groups will be identified, informed, invited, and involved in the IRWM Plan development and implementation subregionally and regionally. The plan will provide specific processes for coordination with other IRWMPs and federal and state agencies, and will provide an outreach strategy for recruiting additional stakeholders with a particular focus on DACs, Native American tribes, and underrepresented interest groups (see Task 17).

Each subregion should consider the effect of technology and information barriers on participation (e.g. language barrier, apathy, limited resources, ineffective communication methods) and determine the best strategy to overcome those obstacles. Each subregion will describe mechanisms by which interested parties can be invited to participate and how stakeholders can provide input to the IRWM process.

The RWMG will compile input from the three subregions to form the Communications Plan, which will be used as the basis for the *Stakeholder Involvement* Section update in compliance with the DWR Guidelines/ IRWM Plan Standards.

Deliverables:

- Communications Plan

Task 13.3 Compile Updated Stakeholder Involvement Section

The *Stakeholder Involvement* section of the IRWM Plan Update will be based on information developed in Tasks 13.1 and 13.2. This task involves compiling the information, reviewing and discussing the draft *Stakeholder Involvement* section with the RWMG, Subregional Committees, and the WRAC, and finalizing the *Stakeholder Involvement* section.

Deliverables:

- Draft *Stakeholder Involvement* section
- Final *Stakeholder Involvement* section

14. Update Coordination Section

Guidelines Requirement(s)

- *Identify the process for coordination of projects and activities with local participants and stakeholders.*
 - *Identify neighboring IRWM efforts and describe the coordination between the various planning efforts.*
-

The coordination outlined in this task, as well as ongoing coordination within the region and with other regions, meets the Program Preference to effectively resolve significant water-related conflicts within or between regions.

Task 14.1 Update Coordination Section to ensure consistency with Guidelines

The RWMG will update the Coordination section to describe current coordination activities within the region, identification of and coordination with neighboring IRWM regions, and coordination with agencies. The RWMG will review this section with subregional committees, neighboring IRWM regions, and agencies such as DWR and the Regional Board. The RWMG has

been effective in coordinating with stakeholders and local, regional, and federal agencies on IRWM planning and implementation.

Deliverable:

- Updated *Coordination* section

15. Perform Climate Change Analyses

Guidelines Requirement(s)

- *Describe, consider, and address the effects of climate change on the region and disclose, consider, and reduce when possible GHG emissions when developing and implementing projects.*
- *Identify climate change impacts and address adapting to changes in the amount, intensity, timing, quality and variability of runoff and recharge.*
- *Consider the effects of sea level rise on water supply conditions and identify suitable adaptation measures.*
- *Describe policies and procedures that promote adaptive management.*

As noted in the California Water Plan Update 2009, the effect of climate change on floods in the Central Coast region could be significant. With less total rainfall and higher mean annual temperatures, watersheds could become more susceptible to wildfires, and the consequent loss of vegetative cover could lead to higher storm runoff.

Sea level rise is also anticipated to affect the Central Coast Hydrologic Region. Seawater intrusion into groundwater basins will be exacerbated by a sea level rise because the freshwater/saltwater transition zone would move inland under increased pressure from the sea. The region also needs to address anticipated changes in the amount, intensity, timing, quality and variability of runoff and recharge.

This task will involve development of a new section *Climate Change* to assess regional vulnerabilities to climate change, prioritize those vulnerabilities, and develop a plan for analyzing those vulnerabilities. This work element addresses the Statewide Priority for climate change response actions.

Task 15.1 Assess climate change impacts and regional vulnerabilities

The RWMG and/or consultant will leverage Statewide, regional, and local vulnerability, and include in the Plan update an assessment of the region's vulnerability to the long-term increased risk and uncertainty associated with climate change. The assessment will utilize the qualitative checklist assessment in the *Climate Change Handbook for Regional Water Planning*. The list identifies potential impacts in the following categories:

- Water Demand

- Water Supply
- Water Quality
- Sea Level Rise
- Flooding
- Ecosystem and Habitat Vulnerability
- Hydropower

The RWMG will also coordinate with the subregional committees to identify vulnerable infrastructure based on agency assessments, and provide a summary list of infrastructure that may be affected by climate change and project opportunities in the Plan update.

Deliverable:

- Assessment of regional vulnerabilities that will be included in the updated Region Description

Task 15.2 Prioritize Regional Vulnerabilities

Following vulnerability assessment, the RWMG will prioritize the vulnerabilities. The criteria for ranking the vulnerabilities will be developed in cooperation with the subregional committees and the WRAC. The criteria may include:

- Risks associated with vulnerabilities.
- Presence of multiple potential stressors.
- The potential for a vulnerability to shape regional objectives and inform IRWMP decisions.

Deliverable:

- Prioritized vulnerabilities

Task 15.3 Address Priorities in Plan Objectives

The RWMG will use results from the vulnerability assessment and prioritization to develop Plan Objectives to address climate change impacts, targeting the region's highest ranked vulnerabilities. Specifically, the objectives will address how the region can adapt to climate change, including adapting to changes in runoff and recharge and the effects of sea level rise. The RWMG will also consider developing objectives related to reducing emissions or revising existing objectives to explicitly state their role in reducing emissions, i.e., increasing water conservation. Metrics for measuring success in meeting the objectives will also be developed.

Deliverable:

- Plan objectives and metrics addressing climate change will be incorporated into the Objectives section.

Task 15.3 Plan for Data Gathering and Analyzing Prioritized Vulnerabilities

The RWMG will work with the subregional committees to develop data gathering programs and studies for further assessment of climate change impacts and vulnerabilities.

Deliverable:

- List of climate change program and studies

Task 15.4 Compile climate change information

The RWMG will compile information and data related to climate change into a Climate Change section in the updated IRWM Plan. The section will summarize the information that is included in the Plan and explain how the information is incorporated into different sections of the Plan. Climate change is similar to stakeholder involvement in that it is incorporated into many Plan elements and also warrants its own section to provide a quick reference to how the RWMG is addressing this important issue.

Deliverable:

- *Climate Change* section

16. Engage Stakeholders in IRWM Plan Update

In order to adequately understand, describe, and begin to address the water management needs of the San Luis Obispo County IRWM region, the RWMG and Subregional Committees must seek involvement of the appropriate stakeholders in the region.

Task 16.1 Stakeholder Coordination

The RWMG will hold a series of IRWM Plan update workshops via the Water Resources Advisory Committee (WRAC), which will allow stakeholders to discuss IRWM Plan Standards such as: Governance, Region Description/ Climate Change, Objectives, and Project Review Process. The workshops will allow a forum for stakeholders to consider the existing IRWM Plan, review key plan sections, discuss various options, and gain consensus on the best approach to restructure the Plan to fit changing regional water management needs.

Deliverable:

- Distribute notice of IRWM Plan Update Workshops
- Host IRWM Plan Update Workshops

Task 16.2 Electronic Communications

The RWMG will host a website intended to provide information regarding the IRWM general and local programs, upcoming stakeholder meetings and possible means of involvement, as well as contact persons for the RWMG and Subregional Committees. Additionally, the RWMG will distribute monthly emails identifying upcoming meetings, funding opportunities, and important topics of consideration.

Deliverable:

- Provide ongoing updates of District website
- Monthly emails to WRAC membership

Task 16.3 Subregional Coordination**TO BE CONSIDERED BY SUBREGIONAL COMMITTEES**

17. Engage Disadvantaged Communities in IRWM Plan Update

The RWMG and Subregional Committees will seek to increase the participation of small and disadvantaged communities (DAC) in the IRWM Plan update, to ensure their planning and critical water management needs are considered.

A DAC is defined as a community with an annual median household income that is less than 80 percent of the Statewide annual median household income (PRC § 75005 (g)).

The process used to identify the DAC list developed under Task 13 will be utilized to inform, invite, and involve the DAC members and representatives; however, the RWMG will also seek to involve small communities and communities well below the region's median household income.

Task 17.1 Develop DAC Recruitment Program

The RWMG will describe the process by which DACs are identified. An evaluation will be conducted to identify the DACs within the region and each will be assigned to the appropriate subregion. Once DACs are identified, each subregion will determine the best method of outreach to engage DACs and other stakeholders in their boundaries. Each subregion should identify potential obstacles previously limiting DAC involvement (e.g. language barrier, apathy, limited resources, ineffective communication methods), and provide a strategy to overcome those obstacles.

Deliverables:

- Describe process of identifying DACs
- Conduct evaluation of Census data
- Subregion Committees delineate strategy to overcome obstacles limiting DAC participation
- Compile description of DAC communities and Recruitment Program

Task 17.2 Compile water management needs of DACs

The RWMG acknowledges the need to encourage the involvement of the DACs in the water management planning and implementation in the region. Subregional Committees will engage DACs within the subregion, and seek input on the needs of DACs. Often DACs have limited abilities to participate in IRWM efforts due to limited resources. Subregions will consider the limitations of DACs and consider options available for increasing DAC involvement in the IRWM efforts whether by collaboration or other means.

Deliverables:

- Subregional Committees compile list of water management planning and implementation needs of DACs
- Subregional Committees and RWMG identify possible collaborative efforts with DACs

18. Compile Updated IRWM Plan

The RWMG will compile all the information prepared or compiled in the prior tasks into a single draft updated IRWM Plan. The RWMG will make the draft update IRWM Plan available, in electronic and written formats, to all stakeholders for review. Workshops will be conducted to review and discuss the draft Plan. The RWMG will incorporate review comments to the extent possible and provide a response to all comments received. The responses to comments will be provided prior to presenting the Plan for adoption to the Boards of the RWMG subregional committee agencies. The RWMG and subregional committee agencies will present the Plan to their Boards with a recommendation for adoption.

Deliverables:

- Draft updated IRWM Plan
- Final updated IRWM Plan

19. Project Management

The District will act as Grant Administrator for the RWMG. The District will follow Appendix E: Guidelines for Grantees and Borrowers in the August 2010 Guidelines to ensure that records are maintained for each funded project. The tasks associated with Grant Management are listed below.

Task 19.1: Ongoing Grant Management

The District will perform ongoing grant management during the two year Plan update process, including calls and meetings with the State and record keeping.

Deliverables:

- Calls and meetings with the State
- Record Keeping

Task 19.2: Agreements

The District will draft and finalize grant agreements with the State and project proponents. The District and project proponents will develop consultant agreements, as necessary, consistent with their individual procurement processes and consistent with State requirements.

Deliverables:

- Final agreement with the State

- Final agreements with project proponents that are contributing to implementing this Work Plan
- Final agreements with consultants

Task 19.3: Quarterly Reports

The District will prepare quarterly reports and invoices for the State.

Deliverables:

- Quarterly reports
- Grant invoices

Task 19.4: Final Report

The District will prepare a final report to the State.

Deliverables:

- Final report

Budget - San Luis Obispo County IRWMP Update

Tasks	Labor				Labor						Subregion Total Hours	Subregion Total Costs	ODCs	Total
	RWMG Consultant		Total Hours	Total Labor Costs	North Coast Subregion Consultant		South Coast Subregion Consultant		Inland Subregion Consultant					
	2012	2013			2012	2013	2012	2013	2012	2013				
	\$190	\$200			\$190	\$200	\$190	\$200	\$190	\$200				
Task 1: Update Governance Section														
1.1 Define IRWM Subregions	8	0	8	\$1,520	0	0	0	0	0	0	0	\$0	\$300	\$1,820
1.2 Identify IRWM Subregional Committee Participants	4	0	4	\$760	0	0	0	0	0	0	0	\$0	\$0	\$760
1.3 Identify IRWM RWMG	4	0	4	\$760	0	0	0	0	0	0	0	\$0	\$0	\$760
1.4 Develop RWMG and Subregional MOUs	24	0	24	\$4,560	4	0	4	0	4	0	12	\$2,280	\$300	\$7,140
1.5 Compile Governance Section	8	0	8	\$1,520	4	0	4	0	4	0	12	\$2,280	\$0	\$3,800
Subtotal Task 1:	48	0	48	\$9,120	8	0	8	0	8	0	24	\$4,560	\$600	\$14,280
Task 2: Update Region Description														
2.1 Update Region Description	8	0	8	\$1,520	16	0	16	0	16	0	48	\$9,120	\$0	\$10,640
2.2 Compile Expanded Region Description Information	0	16	16	\$3,200	0	2	0	2	0	2	6	\$1,200	\$0	\$4,400
2.3 Update / Develop New Maps in Region Description	4	0	4	\$760	16	0	16	0	16	0	48	\$9,120	\$0	\$9,880
2.4 Compile Region Description Section	0	16	16	\$3,200	0	2	0	2	0	2	6	\$1,200	\$0	\$4,400
Subtotal Task 2:	12	32	44	\$8,680	32	4	32	4	32	4	108	\$20,640	\$0	\$29,320
Task 3: Update Plan Objectives														
3.1 Draft Updated Vision and Goals	16	0	16	\$3,040	2	0	2	0	2	0	6	\$1,140	\$300	\$4,480
3.2 Draft Updated Objectives	4	0	4	\$760	16	0	16	0	16	0	48	\$9,120	\$0	\$9,880
3.3 Prioritize Objectives	4	0	4	\$760	8	0	8	0	8	0	24	\$4,560	\$0	\$5,320
3.4 Finalize Updated Objectives and Prioritization	16	0	16	\$3,040	2	0	2	0	2	0	6	\$1,140	\$0	\$4,180
Subtotal Task 3:	40	0	40	\$7,600	28	0	28	0	28	0	84	\$15,960	\$300	\$23,860
Task 4: Develop Resource Management Strategies Sections														
4.1 Document process used to consider RMS in update	8	0	8	\$1,520	24	0	24	0	24	0	72	\$13,680	\$0	\$15,200
4.2 Identify RMS that will be implemented and identify gaps	8	0	8	\$1,520	24	0	24	0	24	0	72	\$13,680	\$0	\$15,200
4.3 RMS Integration and Regionalization	24	0	24	\$4,560	4	0	4	0	4	0	12	\$2,280	\$300	\$7,140
Subtotal Task 4:	40	0	40	\$7,600	52	0	52	0	52	0	156	\$29,640	\$0	\$37,540
Task 5: Prepare Project Review and Selection Section														
5.1 Document Project Submittal Process	16	0	16	\$3,040	2	0	2	0	2	0	6	\$1,140	\$0	\$4,180
5.2 Update Project Review Process	24	0	24	\$4,560	6	0	6	0	6	0	18	\$3,420	\$300	\$8,280
5.3 Update Project List	16	0	16	\$3,040	40	0	40	0	40	0	120	\$22,800	\$0	\$25,840
5.4 Regional Project List	32	0	32	\$6,080	8	0	8	0	8	0	24	\$4,560	\$300	\$10,940
5.5 Procedure for Communicating Selected Projects	8	0	8	\$1,520	0	0	0	0	0	0	0	\$0	\$0	\$1,520
5.6 Compile Project Review and Selection Section	24	0	24	\$4,560	8	0	8	0	8	0	24	\$4,560	\$0	\$9,120
Subtotal Task 5:	120	0	120	\$22,800	64	0	64	0	64	0	192	\$36,480	\$600	\$59,880
Task 6: Update Impacts and Benefits Section														
6.1 Review/update discussion of impacts and benefits	8	0	8	\$1,520	24	0	24	0	24	0	72	\$13,680	\$0	\$15,200
6.2 Impacts & benefits to DAC, EJ, NA communities	24	0	24	\$4,560	8	0	8	0	8	0	24	\$4,560	\$300	\$9,420
6.3 Develop benchmark for assessing impacts and benefits	24	0	24	\$4,560	8	0	8	0	8	0	24	\$4,560	\$0	\$9,120
Subtotal Task 6:	56	0	56	\$10,640	40	0	40	0	40	0	120	\$22,800	\$300	\$33,740
Task 7: Update Plan Performance and Monitoring Section														
7.1 Update Institutional Structure for Implementation	6	0	6	\$1,140	0	0	0	0	0	0	0	\$0	\$0	\$1,140
7.2 Explain implementation DMS tracking	6	0	6	\$1,140	0	0	0	0	0	0	0	\$0	\$0	\$1,140
7.3 Draft Plan Performance and Monitoring Section	12	0	12	\$2,280	0	0	0	0	0	0	0	\$0	\$0	\$2,280
Subtotal Task 7:	24	0	24	\$4,560	0	0	0	0	0	0	0	\$0	\$0	\$4,560
Task 8: Update Data Management Section														
8.1 Review Data Needs	0	12	12	\$2,400	0	4	0	4	0	4	12	\$2,400	\$0	\$4,800
8.2 Assess Available Data Programs	0	8	8	\$1,600	0	0	0	0	0	0	0	\$0	\$0	\$1,600
8.3 Establish DMS Protocol	0	16	16	\$3,200	0	4	0	4	0	4	12	\$2,400	\$0	\$5,600
Subtotal Task 8:	0	36	36	\$7,200	0	8	0	8	0	8	24	\$4,800	\$0	\$12,000
Task 9: Update Financing Section														
9.1 Update Finance Section and Finance Tables	0	24	24	\$4,800	0	16	0	16	0	16	48	\$9,600	\$0	\$14,400
Subtotal Task 9:	0	24	24	\$4,800	0	16	0	16	0	16	48	\$9,600	\$0	\$14,400
Task 10: Update Technical Analysis Section														
10.1 Develop Technical Information Source Matrix	0	8	8	\$1,600	0	8	0	8	0	8	24	\$4,800	\$0	\$6,400
10.2 Identify Data Gaps	0	4	4	\$800	0	8	0	8	0	8	24	\$4,800	\$0	\$5,600
10.3 Develop Technical Analysis and Methods	0	16	16	\$3,200	0	4	0	4	0	4	12	\$2,400	\$0	\$5,600
10.4 Prepare Updated Technical Analysis Section	0	16	16	\$3,200	0	4	0	4	0	4	12	\$2,400	\$0	\$5,600
Subtotal Task 10:	0	44	44	\$8,800	0	24	0	24	0	24	72	\$14,400	\$0	\$23,200
Task 11: Update Relation to Local Water Planning Section														
11.1 Update IRWMP relationship with local plans	4	0	4	\$760	8	0	8	0	8	0	24	\$4,560	\$0	\$5,320

Budget - San Luis Obispo County IRWMP Update

Tasks	Labor				Labor						Subregion Total Hours	Subregion Total Costs	ODCs	Total
	RWMG Consultant		Total Hours	Total Labor Costs	North Coast Subregion Consultant		South Coast Subregion Consultant		Inland Subregion Consultant					
	2012	2013			2012	2013	2012	2013	2012	2013				
	\$190	\$200			\$190	\$200	\$190	\$200	\$190	\$200				
Task 1: Update Governance Section														
Subtotal Task 9:	4	0	4	\$760	8	0	8	0	8	0	24	\$4,560	\$0	\$5,320
Task 12: Update Relation to Local Land Use Planning Section														
12.1 Identify links between IRWMP and Local Plans	4	0	4	\$760	8	0	8	0	8	0	24	\$4,560	\$0	\$5,320
12.2 Describe Relationship between plans and agencies	2	0	2	\$380	4	0	4	0	4	0	12	\$2,280	\$0	\$2,660
12.3 Describe effort to establish proactive relationship	2	0	2	\$380	4	0	4	0	4	0	12	\$2,280	\$0	\$2,660
Subtotal Task 12:	8	0	8	\$1,520	16	0	16	0	16	0	48	\$9,120	\$0	\$10,640
Task 13: Update Stakeholder Involvement Section														
13.1 Review and Update List of Stakeholders and DACs	4	0	4	\$760	2	0	2	0	2	0	6	\$1,140	\$0	\$1,900
13.2 Create Communications Plan	16	0	16	\$3,040	16	0	16	0	16	0	48	\$9,120	\$0	\$12,160
13.3 Compile Updated Stakeholder Involvement Section		8	8	\$1,600	0	4	0	4	0	4	12	\$2,394	\$0	\$3,994
Subtotal Task 13:	20	8	28	\$5,400	18	4	18	4	18	4	66	\$12,654	\$0	\$18,054
Task 14: Update Coordination Section														
14.1 Update coordination consistent with guidelines	12	0	12	\$2,280	4	0	4	0	4	0	12	\$2,280	\$0	\$4,560
Subtotal Task 14:	12	0	12	\$2,280	4	0	4	0	4	0	12	\$2,280	\$0	\$4,560
Task 15: Perform Climate Change Analysis														
15.1 Assess Climate Change Vulnerabilities	8	0	8	\$1,520	8	0	8	0	8	0	24	\$4,560	\$0	\$6,080
15.2 Prioritize Regional Vulnerabilities	4	0	4	\$760	4	0	4	0	4	0	12	\$2,280	\$0	\$3,040
15.3 Address Priorities in Plan Objectives	8	0	8	\$1,520	8	0	8	0	8	0	24	\$4,560	\$300	\$6,380
15.4 Plan for Data Gathering and Analyzing	16	0	16	\$3,040	2	0	2	0	2	0	6	\$1,140	\$0	\$4,180
15.5 Compile Climate Change Information	16	0	16	\$3,040	4	0	4	0	4	0	12	\$2,280	\$0	\$5,320
Subtotal Task 15:	52	0	52	\$9,880	26	0	26	0	26	0	78	\$14,820	\$300	\$25,000
Task 16: Engage Stakeholders in IRWM Plan Update														
16.1 Stakeholder Coordination	24	24	48	\$9,360	0	0	0	0	0	0	0	\$0	\$0	\$9,360
16.2 Electronic Communications	12	12	24	\$4,680	4	4	4	4	4	4	24	\$4,674	\$0	\$9,354
16.3 Subregional Coordination - TBD	0	0	0	\$0	12	12	12	12	12	12	0	\$14,022	\$0	\$14,022
Subtotal Task 16:	36	36	72	\$14,040	4	4	4	4	4	4	24	\$18,696	\$0	\$32,736
Task 17: Engage Disadvantaged Communities in IRWM Plan Update														
17.1 Develop DAC Recruitment Program	8	0	8	\$1,520	6	0	6	0	6	0	18	\$3,420	\$0	\$4,940
17.2 Compile water management needs of DACs	4	0	4	\$760	12	0	12	0	12	0	36	\$6,840	\$0	\$7,600
Subtotal Task 17:	12	0	12	\$2,280	18	0	18	0	18	0	54	\$10,260	\$0	\$12,540
Task 18: Compile updated IRWM Plan														
18 Compile Updated IRWM Plan	0	80	80	\$16,000	0	16	0	16	0	16	48	\$9,576	\$4,000	\$29,576
Subtotal Task 18:	0	80	80	\$16,000	0	16	0	16	0	16	48	\$9,576	\$4,000	\$13,576
Task 19: Project Management														
19.1 Ongoing Grant Management	48	48	96	\$18,720	0	0	0	0	0	0	0	\$0	\$0	\$18,720
19.2 Agreements	24	0	24	\$4,560	0	0	0	0	0	0	0	\$0	\$0	\$4,560
19.3 Quarterly Reports	64	64	128	\$24,960	8	8	8	8	8	8	48	\$9,348	\$0	\$34,308
19.4 Final Report	0	24	24	\$4,800	0	2	0	2	0	2	6	\$1,197	\$0	\$5,997
Subtotal Task 19:	136	136	272	\$53,040	8	10	8	10	8	10	54	\$10,545	\$0	\$63,585
TOTAL	484	260	744	\$143,960	322	88	322	88	322	88	1182	\$240,846	\$6,100	\$375,206

San Luis Obispo County
Integrated Regional Water Management Region
Proposition 84 Planning Grant Application Schedule

ID	Task Name	Duration	Start	1st Quarter			2nd Quarter			3rd Quarter			4th Quarter			1st Quarter			2nd Quarter			3rd Quarter			4th Quarter		
				Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
1	Task 1 Update Governance Section	46 days?	Sun 1/1/12	█																							
7	Task 2 Update Region Description	417 days	Tue 2/28/12	█			█																				
12	Task 3 Update Plan Objectives	80 days	Wed 3/28/12			█	█	█	█	█	█																
17	Task 4 Develop Resource Management Strategies Sections	50 days	Wed 5/23/12					█	█	█	█																
21	Task 5 Prepare Project Review and Selection Section	117 days	Mon 4/2/12			█	█	█	█	█	█	█															
28	Task 6 Update Impacts and Benefits Section	60 days	Mon 8/6/12							█	█	█	█	█													
32	Task 7 Update Plan Performance and Monitoring Section	60 days	Mon 10/29/12										█	█	█	█	█										
36	Task 8 Update Data Management Section	100 days	Mon 1/21/13														█	█	█	█	█	█	█	█	█		
40	Task 9 Update Finance Section	20 days	Wed 9/12/12																								
42	Task 10 Update Technical Analysis Section	80 days	Wed 9/12/12																								
47	Task 11 Update Relation to Local Water Planning Section	20 days	Wed 9/12/12																								
49	Task 12 Update Relation to Local Land Use Planning Section	30 days	Wed 9/12/12																								
53	Task 13 Update Stakeholder Involvement Section	120 days	Wed 2/1/12	█	█	█	█	█	█	█	█	█															
54	Task 14 Update Coordination Section	20 days	Wed 7/18/12																								
56	Task 15 Perform Climate Change Analyses	120 days	Wed 2/1/12	█	█	█	█	█	█	█	█	█															
62	Task 16 Engage Stakeholders in IRWM Plan Update	460 days	Mon 1/2/12	█																							
63	Task 17 Engage Disadvantage Communities in IRWM Plan Update	60 days	Mon 1/2/12	█																							
64	Task 18 Compile Updated IRWM Plan	60 days	Mon 9/2/13																								
66	Task 19 Project Management	520 days	Mon 1/2/12	█																							