



Section N. Relation to Local Water and Land Use Planning

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Relation to Local Water
and Land Use Planning

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Table of Contents

N.1 IRWM Plan Relationship to Planning Documents.....	N-2
N.2 Plan Linkages with Local Water and Land Use Planning Studies.....	N-10
N.2.1 Linkages with General Plans.....	N-10
N.2.2 Linkages with Senate Bill 610 and 221	N-11
N.2.3 Linkages with Local Government Coordination and Water Resources Policies.....	N-11
N.2.4 Linkages with Urban Water Management Plans	N-12
N.3 Examples of Local Needs Incorporated in the IRWM Planning Goals.....	N-12
N.4 Planning Documents Addressing Data Gaps in the IRWM Plan	N-13
N.4.1 Proposition 50 Studies	N-13
N.4.2 Proposition 84 Studies	N-14
N.4.3 Other Plans.....	N-14
N.5 Coordination with Land Use Decision Makers	N-15
N.6 IRWM Dynamics with Local Planning and Land Use Agencies	N-18
N.6.1 Consensus with Local Stakeholders and Existing Planning Documents.....	N-18
N.7 Issues and Relationships between Local Land Use Planning Entities and Water Management Entities in the Context of IRWMP	N-21
N.7.1 How the RWMP will Coordinate its Water Management Planning Activities.....	N-22

Figures

Figure N-1. Supervisorial District Map (without Insets).....	N-17
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Tables

Table N-1. Major Planning Documents Utilized for IRWM Planning.....	N-3
Table N-2. IRWM Plan Water Management Strategies Contained in Planning Documents	N-8
Table N-3. San Luis Obispo Cities, Communities, and Supervisorial Districts	N-16
Table N-4. High-Ranking Projects Relationship to Planning Documents.....	N-20
Table N-5. List of Standardized Needs and Methods.....	N-23

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Section N. Relation to Local Water and Land Use Planning

Water and land use are inextricably linked. The IRWM Plan integrates land use planning strategies into the strategic mix for water resource management and relies on close collaboration and coordination with the region's land use planning agencies. The IRWM Plan reflects and embraces many of the Ahwahnee Water Principles for Efficient Land Use developed by the Local Government Commission (See **Appendix T – Ahwahnee Water Principles, A Blueprint for Regional Sustainability**¹). These principles offer suggestions for additional water resource management strategies that local governments and water/wastewater resource managers can structure within their ongoing strategies to improve the sustainability of the region's water resources.

The cities, counties, water and wastewater agencies, and other stakeholders in the region have been involved in many planning efforts to develop goals and plans related to land use and water management issues. The planning documents created from these efforts serve as an important foundation for the IRWM Plan. The IRWM Plan has integrated the goals, objectives, and programs contained in these documents to ensure that it is consistent with local issues and needs. Also, as local plans are updated, or new plans are developed, the District participates in a review capacity to ensure incorporation of the IRWM Plan into the planning documents.

This section focuses on how the IRWM Plan relates to planning documents and programs established by local agencies. The following chapters are included:

N.1 IRWM Plan Relationship to Planning Documents – includes a comprehensive list of the most current local water and land use plans referenced in the IRWM Plan development, and provides a qualitative description of the relationship between the local planning documents and the IRWM Goals and Objectives, and Water Management Strategies.

N.2 Plan Linkages with Local Water and Land Use Planning Studies – includes a discussion of linkages between the IRWM Plan and local planning documents, state senate bills, and state required Urban Water Management Plans.

¹ Also found at:<http://www.lgc.org/wordpress/docs/resources/water/lgc_water_guide.pdf>

N.3 Examples of Local Needs Incorporated in the IRWM Planning Goals – includes examples where local planning documents and policies satisfy the IRWM Planning Goals.

N.4 Planning Documents Addressing Data Gaps in the IRWM Plan – includes existing and proposed planning documents prepared by others and presented through the WRAC to specifically address data gaps found in the IRWM Plan throughout its implementation.

N.5 Coordination with Land Use Decision Makers – includes the relationship between the IRWM Plan and its consistency with local land use plans and its support through local decisions.

N.6 IRWM Dynamics with Local Planning and Land Use Agencies – describes the IRWM Plan as an extension to local land use plans in an effort to resolve potential conflicts through consensus-based solutions between RWMG and local water planning leaders.

N.7 Issues and Relationships between Local Land Use Planning Entities and Water Management in the Context of IRWM Plan – describes where greater collaboration can take place using the IRWM Plan as a means to creating a more holistic approach to managing water resources in the San Luis Obispo County Region.

N.1 IRWM PLAN RELATIONSHIP TO PLANNING DOCUMENTS

The IRWM Plan was developed in coordination with local agencies and the planning documents produced for the region in setting water and land use policies. These include General Plans, Urban Water Management Plans, Water and Wastewater Master Plans, Groundwater Studies and Plans, Flood Management/Drainage Studies and Plans, and Storm Water Management Plans covering a number of areas such as land use planning, recycled water, groundwater management, water resources, and environmental enhancement. (Were the Local Area Plans <e.g., Nacimiento Area Plan> consulted as well? If not, why not? Was this overlooked?) The relevance of each document to the IRWM Plan is discussed below and summarized in **Table N-1**. Coordination and collaboration occurred through meetings, workshops, and personal communications (See **Section B – Governance, Stakeholder Involvement, and Outreach**) with agencies and entities identified in this table to understand their various efforts, planning goals and objectives, and proposed water management strategies. The IRWM Plan is inclusive of local planning efforts to ensure the capture of documents, efforts, and projects to be included in the Plan’s implementation. Water management strategies employed within these plans are shown in **Table N-2** (i.e., checked strategies imply how the document relates to the IRWM Plan, and may not be fully comprehensive of the listed document).

Table N-1. Major Planning Documents Utilized for IRWM Planning

Document Title/Description	Pub. Date	Agency/ Entity	Relation to IRWM Plan
General and Community Plans			
City of San Luis Obispo Annual Report on the General Plan http://slocity.org/communitydevelopment/Long%20Range/Annual%20Reports/2012%20General%20Plan%20Annual%20Report.pdf	2012	City of San Luis Obispo	Provides list of Cities' policies, goals and actions for water and land use, water conservation, recycled water, flood control, habitat protection and open space preservation
City of Pismo Beach General Plan and Local Coastal Plan http://ca-pismobeach.civicplus.com/DocumentCenter/View/247	2013	City of Pismo Beach	
City of Paso Robles, General Plan http://www.prcity.com/government/departments/commdev/planning/general-plan-final.asp	2003	City of Paso Robles	
City of Atascadero General Plan http://www.atascadero.org/files/CD/General%20Plan/Published%20version%20no%20markup%20+%20maps%20-%20GP%202025%20Draft%20Amendment%202004-1%202-17-04.wmf.pdf	2002	City of Atascadero	
City of Arroyo Grande General Plan http://www.arroyogrande.org/departments/community-development/planning-division/general-plan/	No Date	City of Arroyo Grande	
City of Morro Bay General Plan and Local Coastal Plan http://www.morro-bay.ca.us/index.aspx?NID=574	1988	City of Morro Bay	
City of Grover Beach General Plan, Housing Element http://www.grover.org/DocumentCenter/Home/View/49	2010	City of Grover Beach	
County of SLO Area Plan http://www.slocounty.ca.gov/Assets/PL/Area+Plans/San+Luis+Obispo+Inland+Area+Plan.pdf	2009	County of San Luis Obispo	Provides list of Counties' policies, goals and actions for land use, water conservation, water reclamation, flood control, habitat protection and open space preservation; includes community and special planning studies.
County of SLO Agriculture Element http://www.slocounty.ca.gov/Assets/PL/Elements/Ag_Element.pdf	2010		
County of SLO Coastal Plan Policies http://www.slocounty.ca.gov/Assets/PL/Elements/Coastal+Plan+Policies.pdf	2007		
County of SLO Conservation and Open Space Element http://www.slocounty.ca.gov/Assets/PL/Elements/COSE.pdf	2010		
San Miguel Community Plan http://www.slocounty.ca.gov/planning/sanmiguel.htm	2013		
Oceano Revitalization Plan http://www.slocounty.ca.gov/Assets/PL/Draft+Plans/OceanoRevit.pdf	2013		
Templeton Community Plan http://www.slocounty.ca.gov/Assets/PL/Draft+Plans/Templeton.pdf	2013 Public Draft		
Urban Water Management Plans			
City of Arroyo Grande UWMP http://www.arroyogrande.org/static/notices/public-notices/general/01/05/2012/2010-urban-water-management-plan-final-draft.pdf	2010	City of Arroyo Grande	Provides understanding of Arroyo Grande urban water needs, management, and planning objectives
City of Paso Robles UWMP http://www.prcity.com/government/departments/publicworks/water/pdf/UWMP_2010_FINAL_June2011.pdf	2010	City of Paso Robles	Provides understanding of Paso Robles urban water needs, management, and planning objectives

Table N-1. Major Planning Documents Utilized for IRWM Planning, Continued

Document Title/Description	Pub. Date	Agency/ Entity	Relation to IRWM Plan
City of Grover Beach UWMP http://www.water.ca.gov/urbanwatermanagement/2010uwmps/Grover%20Beach,%20City%20of/item5_Attachment3_UWMP_2010_UPDATE%5B1%5D.pdf	2010	City of Grover Beach	Provides understanding of Grover Beach urban water needs, management, and planning objectives
City of Morro Bay UWMP http://www.water.ca.gov/urbanwatermanagement/2010uwmps/Morro%20Bay,%20City%20of/MorroBay_2010_UWMP.pdf	2010	City of Morro Bay	Provides understanding of Morro Bay urban water needs, management, and planning objectives
City of Pismo Beach UWMP http://www.water.ca.gov/urbanwatermanagement/2010uwmps/Pismo%20Beach,%20City%20of/2010UWMP_FINALSept.pdf	2010	City of Pismo Beach	Provides understanding of Pismo Beach urban water needs, management, and planning objectives
City of San Luis Obispo UWMP http://www.water.ca.gov/urbanwatermanagement/2010uwmps/San%20Luis%20Obispo,%20City%20of/2010%20UWMP%20Compiled.pdf		City of San Luis Obispo	Provides understanding San Luis Obispo urban water needs, management, and planning objectives
County of SLO Flood Control and Water Conservation, Zone 3, UWMP http://www.water.ca.gov/urbanwatermanagement/2010uwmps/San%20Luis%20Obispo%20County/Zone%203%20Urban%20Water%20Management%20Plan%202010%20Update.pdf	2010	County of San Luis Obispo	Provides understanding of San Luis Obispo County water needs and management strategies
Los Osos CSD UWMP http://www.lososocsd.org/Library/Document%20Library/Urban%20Water%20Management%20Plan%20-%20December%202000.pdf	2000	Los Osos CSD	Provides understanding of Los Osos urban water needs, management, and planning objectives
Water and Wastewater Master Plans			
San Luis Obispo County Master Water Report http://www.slocountywater.org/site/Frequent%20Downloads/Master%20Water%20Plan/	2012	County of San Luis Obispo	Provides comprehensive understanding of the water supply needs of the county and an implementation plan for meeting those needs
City of Arroyo Grande Water System Master Plan http://expectwsc.com/project/city-of-arroyo-grande-water-and-sewer-master-plan-updates/	2011	City of Arroyo Grande	Provides understanding of the water supply needs of the Arroyo Grande and an implementation plan for meeting those needs. Link to summary only.
City of Arroyo Grande Wastewater System Master Plan http://www.arroyogrande.org/static/uploads/pdfs/document-center/planning-documents/wastewater_master_plan.pdf	2012	City of Arroyo Grande	Provides plan for wastewater treatment, effluent management and recycled water for City of Arroyo Grande.
CSA 10A Cayucos Water System Master Plan http://www.slocountywater.org/site/County%20Service%20Areas/CSA%2010-10A/pdf/Water%20System%20Master%20Plan.pdf	2003	CSA 10A	Provides understanding of the water supply needs of CSA 10A and an implementation plan for meeting those needs
Santa Margarita CSA 23 Water System Master Plan http://www.slocountywater.org/site/County%20Service%20Areas/CSA%2023/pdf/Santa%20Margarita%20Water%20System%20Master%20Plan%202003.pdf	2003	CSA 23	Provides understanding of the water supply needs of CSA 23 and an implementation plan for meeting those needs
Los Osos Water Master Plan	2002	Los Osos CSD	Provides understanding of the water supply needs of Los Osos and an implementation plan for meeting those needs
Atascadero Water System Master Plan Final Report	1993	Atascadero Mutual Water Company	Provides understanding of the water supply needs of Atascadero and an implementation plan for meeting those needs

Table N-1. Major Planning Documents Utilized for IRWM Planning, Continued

Document Title/Description	Pub. Date	Agency/ Entity	Relation to IRWM Plan
City of Paso Robles Water Resources Plan Integration and Capital Improvement Program http://www.prcity.com/government/departments/publicworks/pdf/WtrResPlanInteg-CIPFeb07.pdf	2007	City of Paso Robles	Provides understanding of the water supply needs of Paso Robles and an implementation plan for meeting those needs
City of Pismo Beach Water Master Plan	2004	City of Pismo Beach	Provides understanding of the water supply needs of Pismo Beach and an implementation plan for meeting those needs
City of Pismo Beach Wastewater Collection System Master Plan http://www.pismo beach.org/DocumentCenter/Home/View/351	2000	City of Pismo Beach	Provides understanding of the collection system conditions, needs and an implementation plan for meeting those needs for Pismo Beach
City of Pismo Beach Wastewater Treatment Plant Master Plan	2000	City of Pismo Beach	Provides plan for wastewater treatment, effluent management and recycled water for the Pismo Beach.
Groundwater Studies and Plans			
North Coast Groundwater, 2009 Cleath-Harris Geologists Groundwater Studies	2009	City of San Luis Obispo	Provides understanding of small north coast groundwater basin and basin yields.
Paso Robles 2010 Groundwater Basin Water Balance Review and Update http://www.countyofsb.org/pwd/water/downloads/USGS%20FR%201970%20TEXT.pdf	2002	City of Paso Robles	Provides the water balance for the Paso Robles Groundwater Basin and the Atascadero Subbasin from 1998 to 2009. Projected water balance provides forecasting from 2010 to 2025. Provides definitions to overdraft conditions and natural processes taking place.
Groundwater Banking Plan, Paso Robles Groundwater Subbasin Water Banking Feasibility Study http://www.prcity.com/government/departments/publicworks/water/pdf/GBMP/reports/WaterBankingFeasibilityStudyApr08.pdf	2009	District	Explored the feasibility of banking water in the Paso Robles Groundwater Basin for the benefit of County residents
Nipomo Mesa Resource Capacity Study http://ncsd.ca.gov/Library/Groundwater%20Information/PAPA_DOPULOS%20REPORT.pdf	2004	Nipomo CSD	Provides understanding of Nipomo Mesa groundwater sub-basin issues and management plans for the groundwater basin
Los Osos, Sea Water Intrusion Assessment and Lower Aquifer Source Investigation of the Los Osos Valley Ground Water Basin http://www.waterboards.ca.gov/rwqcb3/water_issues/programs/los_osos/docs/master_docs/2005_07_17_sea_water_intrusion_assessment.pdf	2005	Los Osos CSD	Provides understanding of Los Osos groundwater issues related to sea water intrusion in the groundwater basin
Los Osos , Public Draft Review Basin Plan for the Los Osos Groundwater Basin http://www.slocountywater.org/site/Water%20Resources/Reports/pdf/Basin%20Plan%20Public%20Review%20Draft%208.1.2013.pdf	2013	Los Osos CSD	Provides understanding of Los Osos groundwater basin
Paso Robles Groundwater Basin Management Plan http://www.prcity.com/government/departments/publicworks/water/pdf/GBMP/plan/PasoBasin_FinalGMP.pdf	2011	City of Paso Robles	Provides understanding and Basin Management Objectives of Paso Robles groundwater basin
Santa Margarita Technical Memorandum, Groundwater Resources of CSA 23 http://www.slocountywater.org/site/County%20Service%20Areas/CSA%2023/pdf/CSA%2023%20Todd%20Technical%20Memol.pdf	2004	CSA 23	Provides a comprehensive understanding of CSA 23, the small town of Santa Margarita, and includes hydrogeology, water demands and supplies, and impacts from the proposed Santa Margarita Ranch development.

Table N-1. Major Planning Documents Utilized for IRWM Planning, Continued

Document Title/Description	Pub. Date	Agency/ Entity	Relation to IRWM Plan
Flood Management/Drainage Studies and Plans http://www.slocountywater.org/site/Water%20Resources/Reports/			
San Luis Obispo County Drainage Community Studies http://www.slocountydrainagestudies.org/	2007	District	Primary website for County drainage studies (may be duplicative of below studies)
Cambria Drainage and Flood Control Study http://www.slocountywater.org/site/Water%20Resources/Reports/pdf/Cambria%20Drainage%20and%20Flood%20Control%20Study,%20Feb%202004.pdf	2004	Cambria CSD ²	Provides understanding of the flood and drainage conditions in the Cambria area
Cayucos Drainage and Flood Control Study http://www.slocountywater.org/site/Water%20Resources/Reports/pdf/Cayucos%20Drainage%20and%20Flood%20Control%20Study,%20Jan%202004.pdf	2004	Cayucos CSA ¹	Provides understanding of the flood and drainage conditions in the Cayucos area
Nipomo Drainage and Flood Control Study http://www.slocountywater.org/site/Water%20Resources/Reports/pdf/Nipomo%20Drainage%20and%20Flood%20Control%20Study,%20Feb%202004.pdf	2004	Nipomo CSD ¹	Provides understanding of the flood and drainage conditions in the Nipomo area
San Miguel Drainage and Flood Control Study http://www.slocountywater.org/site/Water%20Resources/Reports/pdf/San%20Miguel%20Drainage%20and%20Flood%20Control%20Study,%20Dec%202003.pdf	2003	San Miguel CSD ¹	Provides understanding of the flood and drainage conditions in the San Miguel area
Santa Margarita Drainage and Flood Control Study http://www.slocountywater.org/site/Water%20Resources/Reports/pdf/Santa%20Margarita%20Drainage%20and%20Flood%20Control%20Study,%20Feb%202004.pdf	2004	Santa Margarita CSA ¹	Provides understanding of the flood and drainage conditions in the Santa Margarita area
Los Osos Drainage Study http://www.slocountydrainagestudies.org/Los%20Osos/index.htm		Los Osos CSD	Provides understanding of the flood and drainage conditions in the Los Osos area
Oceano Drainage Study http://www.slocountydrainagestudies.org/Oceano/index.htm	?	?	?
City of Pismo Beach Drainage Master Plan, Draft	2002	City of Pismo Beach	Provides understanding of the flood and drainage conditions in the Pismo Beach area
Storm Water Management Plans			
County of San Luis Obispo Storm Water Management Program, National Pollutant Discharge Elimination System Phase II http://www.slocounty.ca.gov/Assets/PW/stormwater/SWMPRev3.pdf	2006	County of San Luis Obispo	Provides comprehensive understanding of compliance measures to meet Environmental Protection Agency waste discharge requirements, associating land use with runoff, storm water conditions, and management options in the County

² In response to questions raised by several citizens who experienced flood damage to their homes and businesses during the unusually heavy rainfall period of March 2001, the County Board of Supervisors approved funding for Drainage and Flood Control Studies for the communities of Cambria, Cayucos, Nipomo, Oceano, San Miguel, and Santa Margarita. The goals of the studies were intended to quantify the extent of drainage and flooding problems of each of these communities, to generate recommendations for solutions for the drainage problems, to identify environmental permitting requirements, to provide planning level cost estimates, and to outline a plan for funding and implementation of the proposed solutions.

Table N-1. Major Planning Documents Utilized for IRWM Planning, Continued

Document Title/Description	Pub. Date	Agency/ Entity	Relation to IRWM Plan
San Luis Obispo Guide to Implementing Flood Control Projects http://www.slocountywater.org/site/Hydraulic%20Planning/pdf/Guide%20to%20Implementing%20Flood%20Control%20Project%20s.pdf	2009	District	Provides guidance in the process of implementing methods and strategies to address the IRWM region's flooding problems
City of Paso Robles Storm Water Management Program http://www.prcity.com/government/departments/publicworks/stormwater/swmp.asp	2003	City of Paso Robles	Provides understanding of the storm water management program and resources for public outreach and guidance in the City of Paso Robles
City of San Luis Obispo Storm Water Management Program http://www.slocity.org/publicworks/stormwater/1intro.asp		City of San Luis Obispo	Provides understanding of the storm water management program and resources for public outreach and guidance in the City of San Luis Obispo
City of Atascadero Storm Water Management Program http://www.atascadero.org/index.php?option=com_content&view=article&id=854&Itemid=1684		City of Atascadero	Provides understanding of the storm water management program and resources for public outreach and guidance in the City of Atascadero
City of Morro Bay Storm Water Management Program http://www.morro-bay.ca.us/index.aspx?NID=257	August 2003	City of Morro Bay	Provides understanding of the storm water management program and resources for public outreach and guidance in the City of Morro Bay
City of Arroyo Grande Storm Water Management Program http://www.arroyogrande.org/sustainability/stormwater-management/		City of Arroyo Grande	Provides understanding of the storm water management program and resources for public outreach and guidance in the City of Arroyo Grande
City of Pismo Beach Storm Water Management Program http://www.pismo-beach.org/index.aspx?NID=505		City of Pismo Beach	Provides understanding of the storm water management program and resources for public outreach and guidance in the City of Pismo Beach
Other Studies			
Data Enhancement Plan http://www.slocountywater.org/site/Frequent%20Downloads/Integrated%20Regional%20Water%20Management%20Plan/Data%20Enhancement/pdf/Data%20Enhancement%20Plan.pdf	2008	District	A regional water monitoring program designed to provide data for water supply and land use planning, design of infrastructure, and operations for flood control and water supply
Regional Permitting Plan	2008	District	Developed an approach to managing the multitude of permits from different agencies at different levels of government required by the County for carrying out each of its projects
SLOC Regional Watershed Planning	2013	District	Known areas of impairment and data gaps are identified and serve as the starting point for the future WMP: Phase II (watershed management plan development and implementation)
Regional Recycled Water Strategic Planning	2014	District	Provides an inventory and strategic feasibility evaluation for water reuse in San Luis Obispo County.
San Antonio and Nacimiento Rivers Watershed Management Plan http://www.mcwra.co.monterey.ca.us/Agency_data/Nacitone%20Study%20Group/Nacitone_Watershed_Plan.pdf	2008	SWRCB and Monterey County	Developed as a watershed management plan, provides methods to ensure high quality water draining into Nacimiento Reservoir treated and used as drinking water in SLO County.

Table N-2. IRWM Plan Water Management Strategies Contained in Planning Documents

Planning Document Title and Website (if applicable)	Ecosystem Restoration	Habitat Protection	Water Supply Reliability	Flood Management	Groundwater Management	Recreation & Public Access	Storm Water Management	Water Conservation	Water Quality Protection	Salt and Salinity Management	Water Recycling	Wetlands Enhancement	Conjunctive Use	Desalination	Imported Water	Land Use Planning	NPS Pollution Control	Surface Storage	Watershed Planning	Water and Wastewater Treatment	Water Transfers/Exchanges	Water System Optimization	Addresses Climate Change
General Plans																							
City of San Luis Obispo Annual Report on the General Plan	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓				✓	✓			✓				
City of Pismo Beach General Plan and Local Coastal Plan	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓				✓	✓			✓				
City of Paso Robles, General Plan	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓				✓	✓			✓				
City of Atascadero General Plan	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓				✓	✓			✓				
City of Arroyo Grande General Plan	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓				✓	✓			✓				
City of Morro Bay General Plan and Local Coastal Plan	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓			✓	✓		✓	✓				
City of Grover Beach General Plan, Housing Element			✓	✓		✓	✓	✓	✓	✓	✓				✓	✓			✓				
County of SLO General Plan - Inland	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓		✓	✓	✓	✓	✓	✓	✓	✓	✓		
County of SLO Agriculture Element	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓		
County of SLO Coastal Plan Policies and Open Space Element	✓	✓	✓		✓	✓	✓	✓	✓	✓	✓				✓	✓							
County of San Luis Obispo Conservation and Open Space Element	✓	✓	✓			✓	✓	✓	✓	✓	✓				✓	✓							
Urban Water Management Plans																							
City of Arroyo Grande UWMP			✓		✓			✓	✓				✓							✓			
City of Paso Robles UWMP			✓		✓			✓	✓		✓		✓							✓			
City of Grover Beach UWMP			✓		✓			✓	✓		✓		✓							✓			
City of Morro Bay UWMP			✓		✓			✓	✓		✓		✓	✓						✓			
City of Pismo Beach UWMP			✓		✓			✓	✓		✓		✓							✓			
City of San Luis Obispo UWMP			✓		✓			✓	✓		✓		✓							✓			
County of San Luis Obispo Flood Control and Water Conservation, Zone 3, UWMP			✓		✓			✓	✓				✓							✓			
Los Osos CSD UWMP			✓		✓			✓	✓				✓							✓			
Water and Wastewater Master Plans																							
San Luis Obispo County Master Water Report	✓	✓	✓		✓			✓	✓		✓	✓	✓				✓			✓			
City of Arroyo Grande Water System Master Plan			✓		✓			✓	✓		✓		✓							✓	✓		
City of Arroyo Grande Wastewater System Master Plan			✓		✓			✓	✓		✓		✓							✓	✓		
CSA 10A Cayucos Water System Master Plan			✓		✓			✓	✓		✓		✓							✓	✓		
Santa Margarita CSA 23 Water System Master Plan			✓		✓			✓	✓		✓		✓							✓	✓		
Los Osos Water Master Plan			✓		✓			✓	✓		✓		✓							✓	✓		
Atascadero Water System Master Plan Final Report			✓		✓			✓	✓		✓		✓							✓	✓		
City of Paso Robles Water Resources Plan Integration and Capital Improvement Program			✓		✓			✓	✓		✓		✓							✓	✓		
City of Pismo Beach Water Master Plan			✓		✓			✓	✓		✓		✓							✓	✓		
City of Pismo Beach Wastewater Collection System Master Plan					✓				✓		✓									✓			

Table N-2. IRWM Plan Water Management Strategies Contained in Planning Documents, Continued

Planning Document Title and Website (if applicable)	Ecosystem Restoration	Habitat Protection	Water Supply Reliability	Flood Management	Groundwater Management	Recreation & Public Access	Storm Water Management	Water Conservation	Water Quality Protection	Salt and Salinity Management	Water Recycling	Wetlands Enhancement	Conjunctive Use	Desalination	Imported Water	Land Use Planning	NPS Pollution Control	Surface Storage	Watershed Planning	Water and Wastewater Treatment	Water Transfers/Exchanges	Water System Optimization	Addresses Climate Change
City of Pismo Beach Wastewater Treatment Plant Master Plan			✓		✓				✓		✓									✓			
Groundwater Studies and Plans																							
North Coast Groundwater, 2009 Cleath-Harris Geologists Groundwater Studies			✓		✓				✓				✓										
Paso Robles 2010 Groundwater Basin Water Balance Review and Update			✓		✓				✓				✓										
Nipomo Mesa Resource Capacity Study			✓		✓				✓				✓									✓	
Los Osos, Sea Water Intrusion Assessment and Lower Aquifer Source Investigation of the Los Osos Valley Ground Water Basin			✓		✓				✓				✓										
Los Osos , Public Draft Review Basin Plan for the Los Osos Groundwater Basin			✓		✓				✓				✓										
Paso Robles Groundwater Basin Management Plan			✓		✓				✓				✓										
Paso Robles Groundwater Subbasin Water Banking Feasibility Study			✓		✓				✓				✓										
Paso Robles Groundwater Subbasin Water Banking Feasibility Study			✓		✓				✓				✓										
Santa Margarita Technical Memorandum, Groundwater Resources of CSA 23			✓		✓				✓				✓										
Flood Management/Drainage Studies and Plans																							
Cambria Drainage and Flood Control Study				✓		✓			✓						✓	✓			✓				
Cayucos Drainage and Flood Control Study				✓		✓			✓						✓	✓			✓				
Oceano Drainage and Flood Control Study				✓		✓			✓						✓	✓			✓				
Nipomo Drainage and Flood Control Study				✓		✓			✓						✓	✓			✓				
San Miguel Drainage and Flood Control Study				✓		✓			✓						✓	✓			✓				
Santa Margarita Drainage and Flood Control Study				✓		✓			✓						✓	✓			✓				
Los Osos Drainage Study				✓		✓			✓						✓	✓			✓				
City of Pismo Beach Drainage Master Plan, Draft				✓		✓			✓						✓	✓			✓				
Storm Water Management Plans																							
County of San Luis Obispo Storm Water Management Plan						✓			✓						✓	✓			✓				
San Luis Obispo Guide to Implementing Flood Control Projects						✓			✓						✓	✓			✓				
City of Paso Robles Storm Water Management Program,						✓			✓						✓	✓			✓				
City of San Luis Obispo Storm Water Management Program						✓			✓						✓	✓			✓				
City of Atascadero Storm Water Management Program						✓			✓						✓	✓			✓				
City of Morro Bay Storm Water						✓			✓						✓	✓			✓				

Table N-2. IRWM Plan Water Management Strategies Contained in Planning Documents, Continued

Planning Document Title and Website (if applicable)	Ecosystem Restoration	Habitat Protection	Water Supply Reliability	Flood Management	Groundwater Management	Recreation & Public Access	Storm Water Management	Water Conservation	Water Quality Protection	Salt and Salinity Management	Water Recycling	Wetlands Enhancement	Conjunctive Use	Desalination	Imported Water	Land Use Planning	NPS Pollution Control	Surface Storage	Watershed Planning	Water and Wastewater Treatment	Water Transfers/Exchanges	Water System Optimization	Addresses Climate Change
Management Program, Draft																							
City of Arroyo Grande Storm Water Management Program							✓		✓							✓	✓		✓				
County of San Luis Obispo Storm Water Management Plan							✓		✓							✓	✓		✓				
Other Studies																							
SLOC Data Enhancement Plan	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
SLOC Regional Permitting Plan	✓	✓							✓			✓				✓			✓				
SLOC Regional Watershed Planning (see comments in table above)	✓	✓	✓		✓	✓			✓			✓				✓			✓				✓
Regional Recycled Water Strategic Planning (see comments in table above)										✓	✓												
San Antonio and Nacimiento Rivers Watershed Management Plan	✓	✓			✓	✓			✓			✓				✓			✓				✓

N.2 PLAN LINKAGES WITH LOCAL WATER AND LAND USE PLANNING STUDIES

N.2.1 Linkages with General Plans

The County of San Luis Obispo and the incorporated cities of Paso Robles, Atascadero, Morro Bay, San Luis Obispo, Pismo Beach, Arroyo Grande, and Grover Beach each maintain General Plans as required by State planning and zoning law. The County’s General Plan addresses all unincorporated communities in the County, including the urbanized areas of Cambria, Cayucos, Los Osos, San Miguel, Templeton, Creston, Santa Margarita, Shandon, Oceano, and Nipomo. Within County-controlled areas, the County General Plan relies on the Resource Management System (RMS)³ to determine the appropriate timing and location for new development. While all development must be consistent with General Plan policies, the RMS provides further guidance and control over new land uses from the perspective of resource availability. The

³ The Resource Management System contains “triggers” to implement certain actions such as conservation or construction measures to avoid or correct resource deficiencies. These triggers are designated as Levels of Severity I, II and III, and are tied to generalized time frames to construct improvements or to enhance declining resources.
<http://www.slocounty.ca.gov/planning/General_Plan_Ordinances_and_Elements/Plans_in_Process_and_Draft_Plans/stratgrowth.htm>.

RMS tracks the availability of water, the status of water delivery systems, and the condition of wastewater systems and availability of wastewater treatment.

N.2.2 Linkages with Senate Bill 610 and 221

Within the incorporated cities, the availability of water, the condition of water supply systems, and the condition of wastewater treatment systems is generally tracked separately by the various utility departments. Similar to the County, all new development of a certain size (don't be general – specify the exact size) is required to comply with Senate Bill (SB) 610 and SB 221. Water Supply Assessments completed under SB 610 must be furnished to local governments for inclusion in any environmental documentation for certain projects (as defined in California Water Code 10912 [a]) subject to the California Environmental Quality Act (CEQA). In many cases, Water Supply Assessments reference the IRWM Plan as a resource document for determination of water supply sustainability. Under the same code, a separate action, SB 221, requires an affirmative written verification of sufficient water supply (water supply verification), in addition to local jurisdiction “will serve” letter permitting programs.

*“SB 610 and SB 221 are companion measures which seek to promote more collaborative planning between local water suppliers and cities and counties.”
(State Water Code 10912)*

SB 221 is intended to ensure that collaboration on finding needed water supplies to serve a new subdivision of 500 units or more occurs when it should, before construction begins. On a long-term planning basis, most jurisdictions have based their future plans on identified sources for water and wastewater service. For example, the City of Morro Bay has incorporated water supply issues into the General Plan process by adopting their Water Management Plan (WMP) as a component of the Local Coastal Plan. No development can proceed without being first accommodated in the Water Management Plan.

N.2.3 Linkages with Local Government Coordination and Water Resources Policies

The IRWM Plan has been coordinated with local government General Plans and through the stakeholder involvement of the cities and others represented within the WRAC and the RWMG. General Plans provide land use, environmental, and economic information associated with the use, need, quantity, quality, and management of water resources within each city (or community). General Plans also project and plan for growth and estimate the demand for additional water resources to accommodate the growth. The water supply elements of local planning documents listed above have been considered and have helped to shape the water

resources management needs identified in this IRWM Plan for the cities and communities of the IRWM planning region.

N.2.4 Linkages with Urban Water Management Plans

The IRWM Plan has been coordinated with various Urban Water Management Plans (UWMPs) that have been developed by cities and communities in the San Luis Obispo County region consistent with State of California requirements. UWMPs take into account city and county population growth projections developed at the local level and link these directly to the assessment of water supply needs. The UWMPs rely in part on other planning documents such as General Plans and land use plans to provide these projections. The projected water demands from the UWMPs are utilized in the IRWM Plan to determine regional water supply needs. UWMPs also take into account local conservation and recycled water planning and provide a greater understanding of water needs and issues faced by local water agencies and communities.

Because of the UWMP's importance, updates to the IRWM Plan take place in parallel with the mandatory five year update requirement of the UWMP. This provides consistency, accuracy and commensurate sharing of the region's changing demographics, water use, and changing hydrology and groundwater conditions.

N.3 EXAMPLES OF LOCAL NEEDS INCORPORATED IN THE IRWM PLANNING

GOALS

To assist in development of the IRWM Plan, the General Plans of the region were reviewed. The IRWM Plan goals: 1) Water Supply; 2) Ecosystem, and Watershed Restoration; 3) Groundwater Monitoring and Management; 4) Flood Management; and 5) Water Resources Management and Communications are consistent with the local planning and policy needs expressed in the General Plans as discussed below.

Water Supply Goal

The IRWM Plan Water Supply goal contains objectives of maximizing the use of existing resources through interagency coordination, meeting future water demand through water recycling and desalination, improving water system elements, and promoting water conservation. These objectives are consistent with many planning goals included in the General Plans. All General Plans are required to describe plans for future growth and recognize the need for a reliable water supply to support the projected growth. Water conservation is emphasized in all of the General Plans as an important strategy for meeting water supply.

Ecosystem and Watershed Restoration Goal

The IRWM Plan objectives under the ecosystem goal are consistent with provisions listed in all of the General Plans regarding habitat restoration and open space. Other General Plans call for actions consistent with IRWM Plan projects such as wetland restoration programs and removal of non-native plants.

Groundwater Monitoring and Management Goal

The IRWM Plan objectives of developing management plans and monitoring groundwater basins in the region and evaluating and considering groundwater banking programs have already been satisfied for many areas in the San Luis Obispo County Region as demonstrated by the groundwater plans listed in **Table N-1**.

Flood Management Goal

Flood Management is recognized as a high priority item by several General Plans consistent with the IRWM Plan objectives. Goals, actions, and policies consistent with other IRWM Plan Flood Protection objectives such as integrating ecosystem enhancement, drainage control, and natural recharge into development projects can be found in all sections of the General Plans that discuss flood control.

Water Resources Management and Communications

As General Plans and resource planning documents are updated in the future, alignment with the IRWM Plan becomes mandatory by the DWR to participate in IRWM grant programs and to participate in the WRAC and RWMG regional policy discussions distilled in the IRWM Plan under each of the IRWM Goals and Objectives. Public outreach and disadvantaged community participation⁴ (the use of EJ in this sentence does not come across clear – suggest re-writing. The footnoted link describes EJ, but the use of it in this sentence does not read well) takes place at every level of the decision-making process leading up to the IRWM Plan's adoption.

N.4 PLANNING DOCUMENTS ADDRESSING DATA GAPS IN THE IRWM PLAN

N.4.1 Proposition 50 Studies

The four studies listed below⁵ (also included in **Table N-1**) completed in 2008 with funding through the Proposition 50 water bond measure, specifically addressed regional data gaps

⁴ < http://www.energy.ca.gov/public_adviser/environmental_justice_faq.html>.

⁵ See **Section A – Introduction, Incorporate and Consider Proposition 50 Studies**, for full description of studies.

identified in the 2007 IRWM Plan and supported the overall SLO County Region IRWM Plan goals, objectives, and strategies, to improve the IRWM Plan in its current update.

- Data Enhancement Plan
- Flood Management Plan
- Groundwater Banking Plan
- Regional Permitting Plan

Each of these plans considered local government input through the WRAC and through outreach to region stakeholders.

N.4.2 Proposition 84 Studies

These studies are in progress at this time, and a description of each will be provided when they are available near the completion (final draft state) of each study. These studies include:

- Paso Robles Groundwater Basin Salt and Nutrient Management Plan
- Paso Robles Groundwater Basin Model
- Santa Maria Valley Groundwater Basin Conceptual Model
- Regional Recycled Water Strategic Plan
- Watershed Management Plan

N.4.3 Other Plans

Other plans in the San Luis Obispo County region consist of plans to address water systems, wastewater systems, storm water, groundwater, and flood protection. Some of these plans have already taken steps to consolidate local planning efforts and address specific issues such as water supply, groundwater, wastewater, and habitat restoration on a sub-regional basis. In most cases, these are multi-agency efforts that involve the participation of a number of local and regional stakeholders; thus, these sub-regional plans have achieved certain levels of integration and stakeholder consensus and provide an important foundation for development of the IRWM Plan. Projects recommended in sub-regional plans have already been coordinated at the sub-regional level and can be considered excellent candidates for implementation of the IRWM Plan.

Substantial and prominently known areas within the IRWM Region are managed by the State of California, listed as follows:

- State Parks (Oceano Dunes State Vehicle Recreation Area, Pismo Beach, Montana de Oro, Morro Strand, and San Simeon state parks)
- California Department of Corrections (California Men’s Colony)
- California Department of Mental Health (Atascadero State Hospital)
- State University (California Polytechnic State University)
- State Local College (Cuesta - both the main campus, and the North County campus)
- State DWR (land holdings and easements in the County associated with the SWP)
- California National Guard including Camp San Luis and Camp Roberts (under control of the CA National Guard, albeit it is owned by the US Army Corps of Engineers and managed under the US National Guard Bureau)

Within State-managed lands, water issues are handled differently depending on the size, location, and level of use associated with facility. The largest State facilities, in terms of water service and wastewater disposal needs, are the California Men’s Colony and Cal Poly. Both are partners in the Whale Rock Commission, an agency formed (with the City of San Luis Obispo) to build and operate the Whale Rock Project, a water reservoir and water supply pipeline. Other State facilities purchase service from adjacent cities (such as Morro Bay State Parks) or operate small local systems. Operational plans, master plans, expansion plans (etc.) are generally not well-coordinated with City and County General Plans, unless the City, County, or other public agency provides services to the State-managed land/facility.

The federal government owns and/or manages several thousand acres within the region, including military land, the Los Padres National Forest, the Carizzo Plain Natural Area (Bureau of Land Management), and the Salinas Dam and Reservoir (U.S. Army Corps of Engineers).

N.5 COORDINATION WITH LAND USE DECISION MAKERS

Development of the IRWM Plan was accomplished by coordinating its development efforts and final adoption through the County’s WRAC. The purpose of the WRAC is to advise the County Board of Supervisors concerning all policy decisions relating to the water resources of the District, to recommend specific water resource programs, and to recommend methods of financing water resource programs. The WRAC consists of members representing every public water supply system in the region, plus members representing the public at large, agricultural interests, and environmental interests, and each Supervisor appoints a member to represent their supervisorial district. Members are appointed by the District’s Board of Supervisors, with the WRAC serving as the formal water issue advisors to the Board.

There are seven incorporated cities and fifteen unincorporated communities in the San Luis IRWM Plan region as shown in **Table N-3** below. Most of the cities and communities participate directly in the WRAC as noted in the table. Those communities that do not participate directly have representation from other groups like the County Farm Bureau, agricultural and environmental stakeholders, and District staff. Through participation and representation in the WRAC, the cities and communities interests are well represented in the IRWM planning process.

The IRWM Plan will be used by local water resource planners and managers to inform planners and decision makers about regional plans and issues. The availability, or non-availability, of resources now and in the future is documented on a regional basis, to the degree that the information can be used as a foundation for General Plan development.

As IRWM Plan review and update cycles proceed, land use planning agencies can be engaged at ever more specific levels. It is envisioned that the IRWM Plan will continue to evolve as more information is generated, and as more agencies begin to take advantage of its regional approach to these issues.

Table N-3. San Luis Obispo Cities, Communities, and Supervisorial Districts

City and Community Names	Type of Entity			
	City	Community	Supervisorial District	WRAC Participation
1. Templeton		●		●
2. Nipomo		●		●
3. Rural El Pomar		●		
4. Rural Adelaida		●		
5. Paso Robles	●			●
6. Pismo Beach	●			●
7. Rural S. County		●		
8. San Miguel		●		
9. Heritage Ranch		●		●
10. Cambria		●		
11. Arroyo Grande	●			●
12. Atascadero	●			●
13. Rural Las Pilitas		●		
14. Rural Salinas R		●		●
15. Morro Bay	●			●
16. Grover Beach	●			●

Table N-3. San Luis Obispo Cities, Communities, and Supervisorial Districts

City and Community Names	Type of Entity			
	City	Community	Supervisorial District	WRAC Participation
17. Oceano		●		●
18. Rural Nacimiento		●		●
19. Cayucos		●		●
20. San Luis Obispo	●			●
21. Santa Margarita		●		●
22. Los Osos		●		●
23. District 1			●	●
24. District 2			●	●
25. District 3			●	●
26. District 4			●	●
27. District 5			●	●

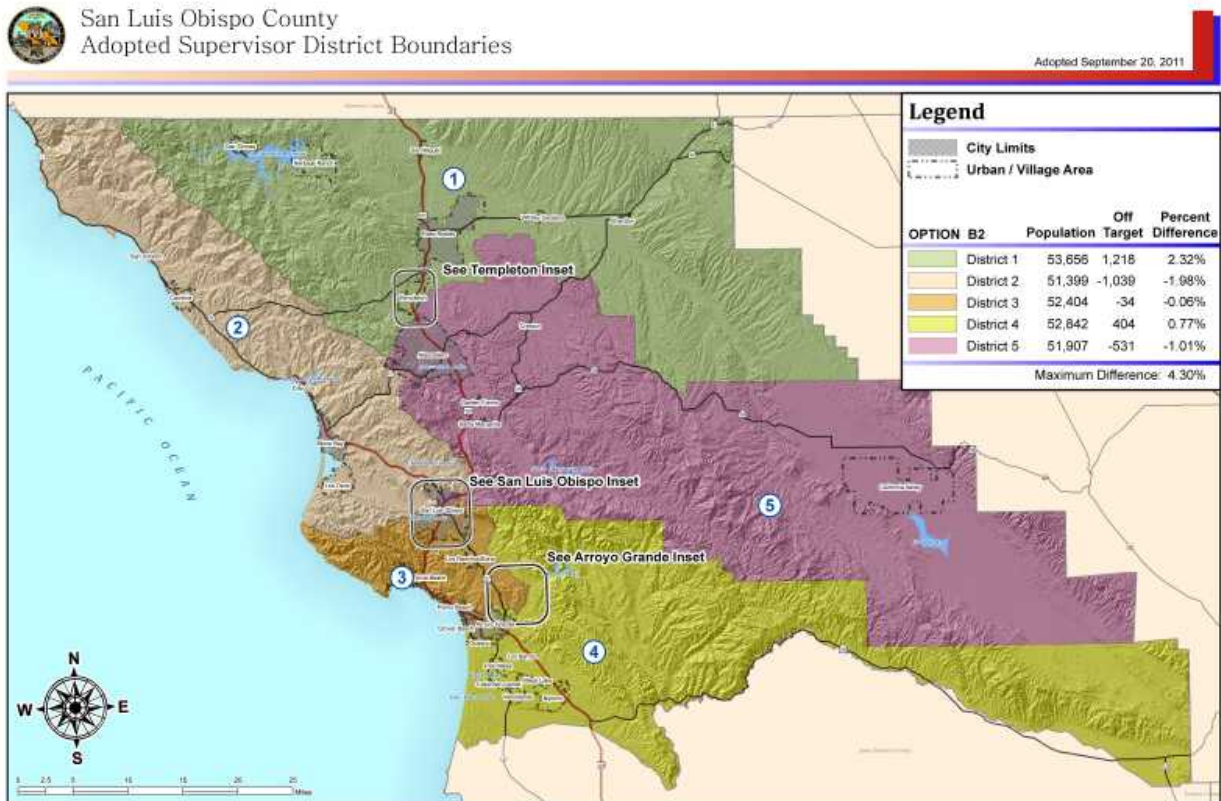


Figure N-1. Supervisorial District Map (without Insets)

Source: <<http://www.slocounty.ca.gov/Assets/BOS/District+map.jpg>>

Land use decision maker coordination and involvement with the IRWM Plan will ensure that regional priorities and efforts developed by the IRWM Plan are 1) consistent with local land use plans, and 2) will be supported through local decisions and updates to General Plans and Community Plans.

N.6 IRWM DYNAMICS WITH LOCAL PLANNING AND LAND USE AGENCIES

The San Luis Obispo County IRWM Plan has been designed to combine and build upon the strategies and recommendations of local planning documents. As demonstrated by the consistency of the IRWM Plan with local plans and the implementation of projects that help achieve local objectives, the IRWM Plan has been developed as an extension to and integration of, rather than a substitution for, local planning efforts.

To avoid conflict with local efforts, stakeholder involvement has been and will continue to be an integral part of the IRWM planning process. Sub-Region stakeholder workshops provide a forum for interaction and collaboration and to allow the IRWM Plan to interface with local land use and water planning leaders. Such stakeholder involvement and participation ensures that local agency planning (and their respective goals and objectives) are represented and considered in the IRWM planning process. Local planning strategies are at the heart of this IRWM Plan and have played a dynamic role in its development.

N.6.1 Consensus with Local Stakeholders and Existing Planning Documents

The consensus-based approach used in the development of the San Luis Obispo County IRWM Plan Goals and Objectives is explained in **Section E – IRWM Goals and Objectives**. As summarized in **Table N-1**, the IRWM Plan has been built upon a number of previously completed planning documents with the role of the IRWM Plan being the consolidation of projects and programs within these documents at the Sub-Region level, which allows projects to be considered at a regional level through the stakeholder process and public RWMG workshops. In future updates to local plans an accounting takes place for the IRWM process and local impacts and benefits of regional project implementation.

Because of current levels of knowledge concerning the relationship between growth and water supply exhibited by local agencies, their planning staffs, and the public at large in the region, efforts to refine and strengthen existing General Plan growth and resource linkages to water resources management will continue. By providing a regional perspective on water supply, and also linking water quality, flood management, and environmental water needs to water

planning efforts, the IRWM Plan functions as the foundational source for land use plans well into the foreseeable future.

As the focus shifts from developing new sources of water supply to consideration of groundwater monitoring and management, water quality, conjunctive use, conservation, and water reuse, the IRWM Plan will provide the regional perspective needed to avoid conflict and enhance sustainability of water in the region.

The projects included in the IRWM Plan programs effectively implement many of the local plans that are the projects' foundation. The IRWM Plan projects also implement many actions called for in the cities' and county's General Plans, such as reduction of groundwater overdraft, water conservation, water recycling, flood protection, habitat restoration, and open space creation. The local plans serving as the source document(s) for the IRWM Plan Final Project List are identified in **Table N-4**. The cited planning documents are also listed in **Table N-1**.

Table N-4. High-Ranking Projects Relationship to Planning Documents

Project Code	Project Title	Project Type	Planning Document Source(s)
MLTP_ECO1	Livestock & Land Program	Educational Program	County General Plan Conservation and Open Space Element; Agriculture Element
MLTP_WMT2	LID Pilot Program	Educational Program with Installation Drainage Devices to Optimize Irrigation and Groundwater Recharge	County General Plan Conservation and Open Space Element
NCNT_ECO1	North County Fertilizer Regions_ Precision Agriculture	Education Program with Changes in Fertilizing Practice	County General Plan Conservation and Open Space Element; Agriculture Element
NCNT_ECO2	Attiyeh Ranch Conservation Easement	Conservation Easement for the Protection of Lands in Perpetuity	County General Plan Conservation and Open Space Element
NCNT_GWM1	Upper Salinas River Basin Water Conservation/Conjunctive Use Project	Improve quality and increase use of treated wastewater to augment and create sustainable water supply	Templeton Community Plan, Templeton Water/Wastewater Master Plan
NCNT_WMT1	Community Based Social Marketing	Educational Program	County General Plan Conservation and Open Space Element
NCNT_WMT2	North County Precision Irrigation Research Program_ Precision Agriculture	Education Program with Reductions in Irrigation Water Use	County General Plan Conservation and Open Space Element; Agriculture Element
NCNT_WMT3	Tracking and Conserving Vineyard Irrigation Water in the Paso Robles Groundwater Basin	To be combined with Project 10 above.	County General Plan Conservation and Open Space Element; Agriculture Element
NCNT_WSP1	City of Paso Robles Lake Nacimiento Water Treatment Plant Construction	New Water Treatment Plant	City of Paso Robles, General Plan; City of Paso Robles UWMP; City of Paso Robles Water Resources Plan Integration and Capital Improvement Program; Paso Robles Groundwater Basin Management Plan
NCNT_WSP2	San Miguel Critical Water System Improvements	System Improvements Including Backup New Generators	San Miguel Community Plan (2013), Infrastructure and Utilities
NCST_GWM1	8th Street Upper Aquifer Well and Nitrate Removal Facility	New Treatment and Supply Well Facilities	Los Osos Water Master Plan; Los Osos, Sea Water Intrusion Assessment and Lower Aquifer Source Investigation of the Los Osos Valley Ground Water Basin; Los Osos , Public Draft Review Basin Plan for the Los Osos Groundwater Basin
NCST_FLD1	Los Padres CCC Center - Storm water LID Treatment Project	Education and Improved Ecosystem	County General Plan Conservation and Open Space Element
SCNT_FLD2	Oceano Drainage Improvement Project - Hwy 1 & 13th Street	Drainage Project with Groundwater Recharge	Oceano Revitalization Plan; Oceano Drainage Study
SCNT_WMT1	Lopez Water Treatment Plant Membrane Rack Addition	Water Treatment Plant Expansion	Zone 3 Urban Water Management Plan
SCNT_WSP2	Recycle Water Distribution System Expansion	Recycled Water System Expansion	City of San Luis Obispo Urban Water Management Plan; City of San Luis Obispo Annual Report on the General Plan

N.7 ISSUES AND RELATIONSHIPS BETWEEN LOCAL LAND USE PLANNING ENTITIES AND WATER MANAGEMENT ENTITIES IN THE CONTEXT OF IRWMP

There are a number of areas in which greater collaboration and communication between and among water and land use planning entities can be facilitated through the established IRWM process. As there are a vast number of overlapping organizations and stakeholders that are currently engaged in the IRWM program and process, leveraging the extensive network and the information prepared in various IRWM plans and applications to create a more holistic and accurate picture of water and land in the region. Most obviously, the issues that rise to the greatest priority include those which are regulatory:

- AB 857 (2002) establishes three priorities that encourage all state agencies to promote infill development within existing communities, protect the state's most valuable environmental and agricultural resources, and encourage efficient development patterns overall;
- AB 32 (2006), Global Warming Solutions Act of 2006, establishes a target to reduce statewide carbon emissions to 1990 by the year 2020.
- AB 162 (2007) was passed as part of a package of six bills addressing flood risk management and flood protection in California. This bill specifically requires additional consideration of flood risk in local land use planning throughout California and named the Department of Water Resources (DWR) as a source for floodplain information and technical data that local governments will need to comply with AB 162.
- SB 375 (2008), Sustainable Communities and Climate Protection Act of 2008, sets emission reduction targets and incentives for local governments to support sustainable growth patterns;
- SB 732 (2008) provides a statutory framework to implement new programs under Proposition 84 and establishes the Strategic Growth Council to coordinate the program aimed at improved air, water and transportation;
- State Water Board's 2009 Recycled Water Policy Update which was aimed at increasing the use of recycled water and implements state and federal water quality laws. The Recycled Water Policy requires that Salt and Nutrient Management Plans are completed by 2014 to facilitate basin-wide management of salts and nutrients from all sources in a manner that optimizes recycled water use while ensuring protection of groundwater supply and beneficial uses, agricultural beneficial uses, and human health. The Recycled Water Policy requires stakeholders to develop implementation plans to meet these objectives for salts and nutrients.

The IRWM has a role to play not only by providing a forum for dialogue, but also for solutions and solutions that are collectively oriented and beneficial for a number of agencies and stakeholders, if that makes sense. IRWM Plans, in and of themselves are tools that can be

consulted for both educational purposes and/or implemented to ameliorate challenges in and around land and water use issues and/or conflicts. It is therefore, the intent of the IRWM Region to be more proactive with the region wide land use planning agencies and water use agencies to annually revisit the state of land use/water use nexus and document progress made to the land use/water use goals of strengthening relationships between land use and water use entities region wide by holding at least one land use/water use forum region wide on an annual basis. As the obstacles that we face in California become more interdependent and interwoven, so too will our solutions to challenges need to be more interwoven and collaborative. In addition, the goal of the region is to increase land use manager and or agent participation among stakeholders and also within the Cooperating Partners. By communicating more frequently and in a more nuanced way with the land use and water use managers region wide, better and potentially more sustainable solutions will be developed and implemented to reach the Region's IRWM Water Management Goals as well as the Plan Objectives and Sub-Region Priorities.

N.7.1 How the RWMG will Coordinate its Water Management Planning Activities

Since the first IRWM Plan in 2005, the need for clear concise communication between the RWMG and the local agencies and stakeholders is the foremost challenge of the IRWM Plan's update every 5 years. With constantly changing hydrology, growth, and water resource issues, with some changes resulting in local, state and/or federal legislation, each of the local agencies/stakeholders are being asked to make changes in their planning policies and heighten the importance of their technical reporting requirements to adhere to local, state, and federal policies and requirements; especially, those reporting requirement related to the IRWM Plan's success.

A short list of the IRWM Plan's needs and the methods of communication are presented in **Table N-5**. The needs are based on the IRWM Plan's content and its Goals and Objectives. The data monitoring and reporting measures being requested at the local level as part of the IRWM updates is a requirement of the IRWM Plan's implementation which cannot go ignored. This information becomes critical to the accurate reporting of benefits/impacts in the region, using the metrics described in the **Section J – Plan Performance and Monitoring**.

Table N-5. List of Standardized Needs and Methods

Needs	How Communicated	Methodologies Used
<p><u>Watershed Information</u></p> <p>The 2014 IRWM Plan is the first to include data at the watershed level (See Section C – Region Description, and Appendix N – San Luis Obispo County Watershed Management Planning Project Report). As such, improvements in data collection and presentation are planned to occur over time, striving to make the subsequent updates more useful to the IRWM Plan’s implementation.</p>	<p>The present study (Appendix N) was a significant effort completed by the Coastal San Luis and the Upper Salinas-Las Tablas Resource Conservation Districts.</p> <p>The RWMG is seeking opportunities to address supply or ecosystem data gaps, and updating of time sensitive data content.</p> <p>Updating needs to occur at the local level through electronic updates to tables provided by the District on behalf of the RWMG. Filling data gaps and updating changing information is a critical task for correct understanding of the region and constraints within each watershed.</p>	<p>Sub-Region water leaders share in the responsibility of data collection, management, and reporting. Most specifically, some data fields are set up to track and record changes in the watershed on an annual basis. The Watershed DMS presents the data versus time relationship to show physical benefits.</p> <p>Current reporting is generated by the DMS for select DMS fields. Fields containing updated information populate with each plan update.</p>
<p><u>Water Demand and Supply Data</u></p> <p>The state UWMP requirement of five year updates for applicable water agencies provides the best means of transferring updated demand and supply information, both past, present, and future.</p> <p>Agencies exempt from the UWMP requirement are also needed and pose difficult challenges to obtain this information.</p>	<p>Agencies exempt from the UWMP requirement need to respond to data requests every five years when demand and supply data is collected by the District. Reaching out to the smaller agencies has historically been difficult due to small staffing sizes of the agencies.</p> <p>Tabular data included in the DWR Approved UWMPs will be extracted from DWRs website copy of the UWMP. For requested data, update information should be clear and concise, and in the same standardized format as in Section D.</p> <p>Footnotes are permitted, but total demand and supply values should be completely filled-in, even if certain values are an estimate based on planning-level data.</p>	<p>Demand and Supply data is incorporated in Section D – Water Supply, Demand, and Water Budget. The tables are electronically generated using inputs to the IRWM DMS. QA/QC of the data should be done by the local agencies when the IRWM Plan Public Draft review period takes place.</p> <p>District staff, or its consultants, may interpolate and/or extrapolate values, if not provided.</p>

Table N-5. List of Standardized Needs and Methods, Continued

Needs	How Communicated	Methodologies Used
<p><u>Updating Sub-Region Priorities</u> Sub-Region stakeholder outreach is planned to occur at a minimum of once every two years. At these outreach meeting, Sub-Region Priorities will be revisited to ensure that they reflect current water resource issues facing the region.</p>	<p>Sub-Region Priorities can be updated without re-adoption so long as they adhere to the IRWM Objectives. Workshop settings with a questionnaire on the most pressing water resource concerns worked for the 2014 IRWM Plan Update, and will likely be used in subsequent updates.</p>	<p>Sub-Region Priorities are listed based on the satisfying Objectives as shown in Section E – Goals and Objectives. The Priority Project List will be compared to the Sub-Region Priorities when a formal “call for projects” is made by the RWMG.</p>
<p><u>Coordination On Basin and/or Watershed Management Plans</u> This includes Groundwater and Watershed Management Plans which have gone through a public process and are adopted by local land use agencies for local implementation.</p>	<p>Upon successful completion and adoption of a Groundwater/ Watershed Management Plan, the region is to provide an electronic copy of the adopted document, with scanned resolution(s) of adoption, to the RWMG for inclusion in the watershed and region DMS and IRWM library of reference documents.</p>	<p>Groundwater basin information will be extracted and included with the groundwater basin descriptions and quantified annual yields and storage potential included in Section C – Region Description and Appendix L – Groundwater Basin Descriptions. The overall health of the basin and watershed will be monitored over time as reporting on the management plans take place.</p>
<p><u>Coordinating on Monitoring and Reporting Objectives</u> IRWM Plan monitoring and performance reporting on the IRWM Plan’s implementation of policies, projects, and programs is an essential piece of the IRWM program requiring a significant effort for the region.</p>	<p>The RWMG is seeking coordination in the accurate reporting of project implementation and IRWM related activities occurring each year. The RWMG may provide assignments to local agencies for procuring the information in a timely manner to ensure compliance with the state IRWM reporting requirements.</p>	<p>All information will be compiled in the DMS with report features for tracking project implementation and program execution. Quantitative data showing physical benefits will be illustrated as part of the IRWM Plan’s Performance Report.</p>

