

Regional Goal/Objectives	North Coast	North County	South County
<p><b><u>Water Supply Goal</u></b></p> <ol style="list-style-type: none"> <li>1. Maximize Accessibility of Water</li> <li>2. Adequate Water Supply</li> <li>3. Sustainable Potable Water for Rural</li> <li>4. Sustainable Water for Agriculture</li> <li>5. Water System WQ Improvements</li> <li>6. Implement Water Management Plans</li> <li>7. Conservation/ Water Use Efficiency</li> <li>8. Plan for Vulnerabilities of Water Supplies</li> <li>9. Diverse supply (Recycled, Desalinized )</li> <li>10. Support Watershed Enhancement</li> </ol>	<ul style="list-style-type: none"> <li>• Conduct Sub-Region study on maximum use of recycled water</li> <li>• Study the impacts of climate change on coastal community water supplies (infrastructure)</li> <li>• Optimize water conservation programs, measures and policies</li> <li>• Managing stormwater for local area purposes:                             <ul style="list-style-type: none"> <li>✧ Groundwater recharge</li> <li>✧ Water storage</li> <li>✧ Rain barrels</li> <li>✧ Irrigation</li> <li>✧ Low Impact Development</li> </ul> </li> <li>• Improve water storage</li> <li>• Maximize recycled water use/access</li> <li>• Augment water supply options:                             <ul style="list-style-type: none"> <li>✧ Increase ability to wheel water by installing an intertie at California Men’s Colony</li> <li>✧ Develop abandoned desalination facility at Morro Bay Power Plant as a regional water supply asset</li> </ul> </li> </ul>	<ul style="list-style-type: none"> <li>• Pursue water conservation efforts in all use sectors and supplemental supply projects (non-groundwater) to reduce dependence on groundwater</li> <li>• Seek agricultural, rural, and urban opportunities, working with other agencies and regional partners, to develop conjunctive use and drought year water supplies, including private groundwater pumpers</li> <li>• Seek funding for supplemental water supply and pursue cost-effective and technically feasible conjunctive use projects to increase water supplies for agricultural, rural and urban water users</li> <li>• Develop multiple water resources with short-term objectives (ensure potable water for rural residents and supply water via truck) and long-term objectives (deliver Nacimiento water down Hwy 46 E and ensure disadvantage individuals have a water supply)</li> <li>• Implement projects and practices to increase water infiltration as soon as possible by developing recharge basins in areas where small systems are not feasible and manage high flows by diverting into recharge</li> </ul>	<ul style="list-style-type: none"> <li>• Seek and develop new water supplies:                             <ul style="list-style-type: none"> <li>✧ Develop tertiary treated wastewater for urban, agricultural, and groundwater recharge use</li> <li>✧ Develop seawater desalination</li> <li>✧ Maximize State Water allocation</li> <li>✧ Develop supplemental water pipeline</li> </ul> </li> <li>• Maximize efficient use of existing water supplies:                             <ul style="list-style-type: none"> <li>✧ Evaluate options for optimizing use of local surface water storage</li> <li>✧ Evaluate potential for groundwater banking / conjunctive use and off-stream storage for summer release</li> <li>✧ Maximize production and delivery capacity of the local water supply infrastructure</li> </ul> </li> </ul>

2014 IRWM Plan Table E-11 Sub-Region Priorities – Interim Update February 3, 2016

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		areas	<ul style="list-style-type: none"> <li>✧ Implement coordinated regional conservation programs</li> <li>✧ Develop stormwater capture opportunities based on rated percolation locations</li> <li>• Develop necessary studies:               <ul style="list-style-type: none"> <li>✧ Study the impacts of sea level rise on coastal community water supplies</li> <li>✧ Explore cooperation on projects between agencies to pursue greater funding</li> </ul> </li> <li>✧ Whitepaper on hydrologic system services for South County</li> </ul>
<p><b><u>Ecosystem and Watershed Goal</u></b></p> <ol style="list-style-type: none"> <li>1. Understand Watershed Needs</li> <li>2. Conserve Balance of Ecosystem</li> <li>3. Reduce Contaminants</li> <li>4. Public Involvement and Stewardship</li> <li>5. Protect Endangered Species</li> </ol>	<ul style="list-style-type: none"> <li>• Understand flow needs and watershed functionality and identify priority areas for water supply enhancement and conservation projects to ensure watershed health</li> <li>• Conduct a study on cost-effective methods of improving wastewater discharge quality including improving source quality (i.e.,</li> </ul>	<ul style="list-style-type: none"> <li>• Pursue land conservation projects that protect watersheds and develop watershed restoration programs and actions</li> <li>• Understand watershed functionality and identify specific priorities for ensuring watershed health</li> <li>• Develop quantifiable control studies on manmade actions to improve groundwater quality and/or increase groundwater elevations using</li> </ul>	<ul style="list-style-type: none"> <li>• Enhance instream flows:               <ul style="list-style-type: none"> <li>✧ Develop an inventory of diversions from surface water bodies</li> <li>✧ Finalize/Implement AG Creek Habitat Conservation Plan</li> <li>✧ Link centralized &amp; decentralized stormwater</li> </ul> </li> </ul>

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<p>6. Reduce Impacts of Invasive Species</p> <p>7. Climate Change on Ecosystems</p>	<p>reduced natural contaminants in groundwater) of potable water</p> <ul style="list-style-type: none"> <li>• Conserve the balance of ecosystem functions/services</li> <li>• Keep estuary watershed healthy by preventing contamination</li> <li>• Restore riparian vegetation buffers and floodplains</li> <li>• Promote Low Impact Development (LID) projects</li> <li>• Rural ranch road redesign for erosion control</li> <li>• Use stormwater retention basins and rainwater catchments to recharge water table to restore perennial streamflow</li> </ul>	<p>currently adopted best management practices</p>	<p>capture, managed aquifer recharge, and recycled water</p> <ul style="list-style-type: none"> <li>• Develop plans, studies, and data collection efforts:                             <ul style="list-style-type: none"> <li>✧ Install stream gauges on key regional creeks</li> <li>✧ Identify risk measures and management thresholds, and develop coordinated response to avoid seawater intrusion</li> <li>✧ Understand new regulations and develop stormwater resource plans</li> <li>✧ Conduct feasibility studies for implementing sediment control plans</li> <li>✧ Implement AG Creek stream gauge modification project in order to remove the Steelhead barrier</li> </ul> </li> </ul>
<p><b><u>Groundwater Monitoring and Management Goal</u></b></p> <p>1. Understand GW Issues and Conditions</p> <p>2. Support Local GW</p>	<ul style="list-style-type: none"> <li>• Develop groundwater management plans and monitoring program for all groundwater basins used as drinking water supply</li> <li>• Regularly evaluate the safe</li> </ul>	<ul style="list-style-type: none"> <li>• Establish safe sustainable yields with an emphasis of improving the larger regional basin and work to balance groundwater basin through demand management and supply options</li> <li>• Improve groundwater monitoring</li> </ul>	<ul style="list-style-type: none"> <li>• Enhance monitoring program:                             <ul style="list-style-type: none"> <li>✧ Create uniform groundwater monitoring program for the South County groundwater basins.</li> </ul> </li> </ul>

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<p>Management</p> <p>3. Further Local Basin Management Objectives</p> <p>4. CASGEM Program</p> <p>5. Groundwater Recharge/Banking</p> <p>6. Protect and Improve GW Quality</p>	<p>yield of coastal aquifers</p> <ul style="list-style-type: none"> <li>• Identify percolating zones and evaluate effectiveness, size and costs associated for recharge basins</li> <li>• Identify sources of nitrate and prevent contamination into the groundwater</li> <li>• Develop rainwater catchment and winter storage for groundwater recharge</li> <li>• Implement agricultural BMPs to improve water quality</li> </ul>	<p>programs with participation from urban and agricultural pumpers to track changes in groundwater levels and groundwater quality</p> <ul style="list-style-type: none"> <li>• Seek funding for supplemental water, conjunctive use and/or groundwater recharge programs to provide greater operational flexibility</li> </ul>	<ul style="list-style-type: none"> <li>✧ Uniform metering and reporting for all groundwater pumping in the South County.</li> <li>✧ Investigate and quantify subsurface flows between the SMGB management areas.</li> <li>✧ Investigate and quantify available storage and reliable yield.</li> <li>✧ Install additional dedicated monitoring wells including downhole transducers in high priority areas</li> <li>✧ County-led groundwater monitoring with dissemination of data to all interested parties</li> <li>• Develop management tools:             <ul style="list-style-type: none"> <li>✧ Develop conceptual and groundwater flow models</li> <li>✧ Identify and evaluate recharge areas</li> </ul> </li> <li>• Develop plans and policies:             <ul style="list-style-type: none"> <li>✧ Policies to maintain health of the South County’s groundwater basins.</li> </ul> </li> </ul>

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			<ul style="list-style-type: none"> <li>✧ Prepare Salt and Nutrient Management Plan(s) to cover the Sub-Region</li> <li>✧ Develop groundwater management plan</li> </ul>
<p><b><u>Flood Management Goal</u></b></p> <ol style="list-style-type: none"> <li>1. Understand Flood Management Needs</li> <li>2. Promote Low Impact Development</li> <li>3. Enhance Natural Recharge</li> <li>4. Improve Infrastructure and Operations</li> <li>5. Implement Multiple Benefit Projects</li> <li>6. Restore Streams, Rivers and Floodplains</li> <li>7. Support DAC Flood Protection</li> </ol>	<ul style="list-style-type: none"> <li>• Restore floodplains, streams, and rivers</li> <li>• Identify, protect, and enhance aquifer recharge areas</li> <li>• Promote low impact development projects</li> <li>• Identify the root cause of flooding problems, including upper watershed areas</li> <li>• Identify and protect groundwater percolation zones</li> <li>• Encourage municipalities to include upper watershed treatments/restoration projects as part of urban stormwater management</li> </ul>	<ul style="list-style-type: none"> <li>• Identify, protect, and enhance aquifer recharge areas and restore creeks, streams, and rivers</li> </ul>	<ul style="list-style-type: none"> <li>• Identify need for and develop and implement projects to improve the levels of flood protection in risk areas.</li> <li>• Develop Low Impact Development (LID) projects and standards</li> <li>• Increase storm water retention and percolation.</li> <li>• Establish flood management with agricultural and rural lands, including controlled flooding</li> <li>• Develop managed aquifer recharge projects</li> <li>• Implement sediment and erosion control projects in upper watersheds to improve runoff quality and reduce downstream deposition</li> <li>• Proceed with Zone 9 mid-Higuera SLO Creek Improvement Project</li> </ul>

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<p><b><u>Water Resources Management and Communications Goal</u></b></p> <ol style="list-style-type: none"> <li>1. Public Outreach on IRWM Implementation</li> <li>2. Fund for IRWM Implementation</li> <li>3. Support Local Control</li> <li>4. Consider Property Owner Rights</li> <li>5. Agency Alignment on Water Resources Efforts</li> <li>6. Collaboration Between Agriculture, Rural, and Urban</li> <li>7. DAC Support and Education</li> <li>8. Promote Public Education Programs</li> </ol>	<ul style="list-style-type: none"> <li>• Evaluate methods to reach out to community on local water-related information and dates for Sub-Region meetings and workshops</li> <li>• Initiate inner- and inter-watershed discussions on conservation and reuse options</li> <li>• Ensure communication with all stakeholders</li> <li>• Record and broadcast workshops, symposiums, and other meetings</li> <li>• Provide more information in all types of media including print, websites, and social media</li> </ul>	<ul style="list-style-type: none"> <li>• Develop methods to reach out to community on local water-related information and dates for Sub-Region meetings and workshops</li> <li>• Maintain collaborative efforts with groundwater basin and watershed stakeholders including Monterey County WPA coordination</li> <li>• Public education and outreach to teach proper land management on rural properties (“slow the flow”) and appropriate stormwater management practices</li> </ul>	<ul style="list-style-type: none"> <li>• Enhance community outreach and communication: <ul style="list-style-type: none"> <li>✧ Develop a Communication Plan to explore methods of reaching out to community on local water-related information, including performance goals and dates for Sub-Region meetings and workshops</li> <li>✧ “100 Conversations about Water” outreach project</li> </ul> </li> <li>• Enhance inter-agency collaboration: <ul style="list-style-type: none"> <li>✧ Improve collaboration and data sharing between urban, agricultural, and rural communities, and all basin and watershed management groups</li> <li>✧ Encourage agencies to use the SLO County IRWM project list for identifying required mitigation projects</li> <li>✧ Increase RWMG signatory agencies and engagement of interested stakeholders</li> </ul> </li> </ul>