



**Watersheds Coalition of Ventura County IRWMP  
Proposition 50 Grant Proposal, Step 2  
Attachment 9: Monitoring, Assessment, and  
Performance Measures**

*This attachment presents the planned project monitoring, assessment, and performance measures that will demonstrate that the Proposal will meet its intended goals, achieve measurable outcomes, and provide value to the State of California. All grant recipients will be required to prepare a Project Assessment and Evaluation Plan (PAEP) at the initiation of implementation to outline how they will assess and evaluate performance and report on Proposal achievements. The PAEP lays out an evaluation and assessment process based on Proposal goals and outcomes, drawing from the results of grant products and deliverables. The purpose of Attachment 9 is to provide a preview of the information that will be included in the PAEP.*

*For Attachment 9, applicants are required to submit Project Performance Measures Tables specific to their Proposal. Project Performance Measures Tables should include: project goals, desired outcomes, output indicators (measures to effectively track output), outcome indicators (measures to evaluate change that is a direct result of the work), measurement tools and methods, and targets (measurable targets that are feasible to meet during the life of the proposal). Additional guidance, including example Project Performance Measure Tables, can be found at the following State Water Board website: <http://www.waterboards.ca.gov/funding/paep.html>*

*A Project Performance Measures Table should be submitted for each project included in the Proposal. When multiple projects carry the same goals and outcomes, a combined table can be developed to cover those projects. The measurement parameters (metrics) should fit the performance evaluation needs of the Proposal. The metrics may include water quality measurements, measurement-based estimates of pollution load reductions, acres of habitat successfully restored, feet of stream channel stabilized, additional acre-feet of water supply, improved water supply reliability and flexibility, groundwater level measurements, stream flow measurements, improved flood control, or other quantitative measures or indicators.*

*If the applicant has a completed PAEP, Monitoring Plans (MP), or Quality Assurance Project Plan (QAPP), those documents may be submitted with Attachment 9, as supporting documentation. DWR or the State Water Board must approve the PAEP, MP, and/or QAPP prior to initiation of any monitoring supported by grant funds.*



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**TABLE 9-1  
 PROJECT PERFORMANCE MEASURES FOR CALLEGUAS REGIONAL SALINITY MANAGEMENT  
 (BRINE LINE), HUENEME OUTFALL REHABILITATION (C-1)**

<b>Project Goals</b>	<b>Desired Outcomes</b>	<b>Output Indicators</b>	<b>Outcome Indicators</b>	<b>Measurement Tools and Methods</b>	<b>Targets</b>
Reduce dependence on imported water and improve water supply reliability.	<ul style="list-style-type: none"> <li>Increased use of underutilized local groundwater resources.</li> <li>Reduced demand (or slower growth in demand) for imported water supplies.</li> </ul>	<ul style="list-style-type: none"> <li>Imported water deliveries to Calleguas Municipal Water District (Calleguas MWD) from Metropolitan Water District of Southern California (Metropolitan).</li> <li>Imported water deliveries from Calleguas MWD to purveyors.</li> <li>Deliveries of local groundwater produced by purveyors to customers.</li> </ul>	<ul style="list-style-type: none"> <li>Quantification of the local water resources used in lieu of imported water as a result of the project.</li> <li>Quantification of imported water use avoided as a result of the project.</li> </ul>	<ul style="list-style-type: none"> <li>Water delivery flow meters at the following locations: East Portal (Calleguas MWD to Metropolitan connection), turnouts (Calleguas MWD to purveyors connections), desalters produced water (purveyor to customers).</li> </ul>	<ul style="list-style-type: none"> <li>Production of more than 8,000 acre-feet per year (AFY) of desalted groundwater.</li> <li>Slower growth in demand for imported water supplies than projected by Urban Water Management Plans (UWMPs), if brackish groundwater is not included in future supply analysis.</li> </ul>
Manage and remove salts in the Watershed and comply with total maximum daily load (TMDL) requirements.	<ul style="list-style-type: none"> <li>Move toward compliance with salts TMDLs.</li> <li>Move toward removal of Calleguas Creek and tributaries from impaired list for salts.</li> </ul>	<ul style="list-style-type: none"> <li>Tons of salt exported from the Watershed through desalter brine.</li> <li>Avoided discharge of tons of salt through tertiary effluent.</li> </ul>	<ul style="list-style-type: none"> <li>Progress toward TMDL goals and delisting of impairments.</li> </ul>	<ul style="list-style-type: none"> <li>Flow meters at individual dischargers.</li> <li>Water quality data for brine and tertiary effluent.</li> </ul>	<ul style="list-style-type: none"> <li>Export of up to 10,000 tons of salt per year.</li> <li>Avoided discharge of up to 10,000 tons of salt per year.</li> </ul>



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<b>Project Goals</b>	<b>Desired Outcomes</b>	<b>Output Indicators</b>	<b>Outcome Indicators</b>	<b>Measurement Tools and Methods</b>	<b>Targets</b>
Support environmental and wetlands restoration by supplying Brine Line water to restoration efforts.	<ul style="list-style-type: none"> <li>• If desired by California Coastal Conservancy, deliver Brine Line flows to Ormond Beach wetlands restoration.</li> <li>• Deliver Brine Line flows to game preserves and agricultural users in lieu of groundwater pumping.</li> </ul>	<ul style="list-style-type: none"> <li>• Deliveries of Brine Line flows for non-potable water uses.</li> </ul>	<ul style="list-style-type: none"> <li>• Reduced use of groundwater/potable water for non-potable purposes where Brine Line flows are available.</li> </ul>	<ul style="list-style-type: none"> <li>• Flow meters for delivery of Brine Line flows to individual users.</li> </ul>	<ul style="list-style-type: none"> <li>• Deliver approximately 500 AFY of Brine Line flows to non-potable users.</li> </ul>

**The QAPP for the Brine Line is provided on the CD-Rom and is entitled Att9\_IG2\_9604\_C-1-QAPP.pdf.**



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**TABLE 9-2  
 PROJECT PERFORMANCE MEASURES FOR CAMARILLO GROUNDWATER TREATMENT FACILITY (C-3)**

<b>Project Goals</b>	<b>Desired Outcomes</b>	<b>Output Indicators</b>	<b>Outcome Indicators</b>	<b>Measurement Tools and Methods</b>	<b>Targets</b>
Reduce dependence on imported water and improve water supply reliability.	<ul style="list-style-type: none"> <li>Increased use of underutilized local groundwater resources.</li> <li>Reduced demand (or slower growth in demand) for imported water supplies.</li> </ul>	<ul style="list-style-type: none"> <li>Deliveries of local groundwater produced by Camarillo to customers.</li> </ul>	<ul style="list-style-type: none"> <li>Quantification of the local water resources used in lieu of imported water as a result of the project.</li> </ul>	<ul style="list-style-type: none"> <li>Water delivery flow meters at the Camarillo Groundwater Treatment Facility.</li> </ul>	<ul style="list-style-type: none"> <li>Production of approximately 7,600 AFY of desalted groundwater.</li> </ul>
Manage and remove salts in the Watershed and comply with TMDL requirements.	<ul style="list-style-type: none"> <li>Move toward compliance with salts TMDLs.</li> <li>Move toward removal of Calleguas Creek and tributaries from impaired list for salts.</li> </ul>	<ul style="list-style-type: none"> <li>Tons of salt exported from the Watershed through Camarillo Groundwater Treatment Facility brine.</li> </ul>	<ul style="list-style-type: none"> <li>Progress toward TMDL goals and delisting of impairments.</li> </ul>	<ul style="list-style-type: none"> <li>Flow meters at Camarillo Groundwater Treatment Facility.</li> <li>Water quality data from brine at Camarillo Groundwater Treatment Facility.</li> </ul>	<ul style="list-style-type: none"> <li>Export of more than 13,000 tons of salt per year.</li> </ul>
Reduce use of self-regenerative water softeners by customers	<ul style="list-style-type: none"> <li>Decrease in purchase of self-regenerative water softeners.</li> <li>Removal of existing self-regenerative water softeners by homeowners.</li> </ul>	<ul style="list-style-type: none"> <li>Lower salt loading in the wastewater.</li> </ul>	<ul style="list-style-type: none"> <li>Progress toward TMDL goals and delisting of impairments.</li> </ul>	<ul style="list-style-type: none"> <li>Monthly water quality monitoring in the water distribution system and wastewater treatment plant.</li> </ul>	<ul style="list-style-type: none"> <li>10% reduction in salts attributable to self-regenerative water softeners.</li> </ul>



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**TABLE 9-3  
 PROJECT PERFORMANCE MEASURES FOR VCWWD1 RECYCLED WATER SYSTEM, PHASE II (C-7)**

<b>Project Goals</b>	<b>Desired Outcomes</b>	<b>Output Indicators</b>	<b>Outcome Indicators</b>	<b>Measurement Tools and Methods</b>	<b>Targets</b>
Reduce dependence on imported water and improve water supply reliability.	Reduced demand (or slower growth in demand) for imported water supplies.	Deliveries of local recycled water to additional customers within VCWWD1.	Quantification of acre-feet (AF) of recycled water deliveries to new customers.	Water delivery flow meters at the customer's point of connection.	Approximately 250 AFY of additional recycled water delivered from the Moorpark Wastewater Treatment Plant to users within the VCWWD1 service area.
Assist in achieving Calleguas Creek Watershed TMDL for salts and nitrates	Reduce salts and nitrate discharge to Arroyo Las Posas, which is tributary to Calleguas Creek.	Avoided discharge of tons of salts and nitrate to Arroyo Las Posas.	Reduced salts loading to surface water due to beneficial use of the recycled water.	Water quality data for State Title 22 Reclaimed Water.	Avoided discharge of more than 180 tons (370,000 lbs) of salt to surface water per year.



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**TABLE 9-4  
 PROJECT PERFORMANCE MEASURES FOR THE CALLEGUAS CREEK WATERSHED ARUNDO/TAMARISK PROGRAMMATIC CEQA  
 DOCUMENTS, PERMITS, AND PILOT REMOVAL PROJECT (C-10)**

<b>Project Goals</b>	<b>Desired Outcomes</b>	<b>Output Indicators</b>	<b>Outcome Indicators</b>	<b>Measurement Tools &amp; Methods</b>	<b>Targets</b>
Implement Pilot Removal Project.	Removal of arundo in 10 acres of Arroyo Simi and/or Arroyo Conejo.	Acreage of arundo removed from within Pilot Project boundary.	Re-establishment of native riparian vegetation.	Summary report of removal and photodocumentation of pilot project.	99% initial removal in pilot project area.
Approved programmatic California Environmental Quality Act (CEQA)/National Environmental Policy Act (NEPA) documentation and permit process for future arundo and tamarisk removal projects in the Calleguas Creek Watershed.	<ul style="list-style-type: none"> <li>• Adoption of programmatic CEQA/NEPA documents.</li> <li>• Attainment of all necessary programmatic permits.</li> </ul>	<ul style="list-style-type: none"> <li>• Approval of programmatic CEQA/NEPA documents by lead agencies.</li> <li>• Approval of programmatic permits/agreements by regulatory agencies.</li> </ul>	<ul style="list-style-type: none"> <li>• Public awareness of project through CEQA/NEPA disclosure process.</li> <li>• Agency awareness of project through programmatic permit process.</li> </ul>	<ul style="list-style-type: none"> <li>• Pilot Project Implementation Plan for use in future projects, including compliance with CEQA/NEPA and regulatory processes.</li> <li>• Sustainable Conservation Watershed-Based Permit Coordination for Conservation Activities.</li> </ul>	<ul style="list-style-type: none"> <li>• Approved CEQA/NEPA documents.</li> <li>• Approved programmatic permits/agreements.</li> </ul>
Improved understanding of extent of native and non-native vegetation in the Watershed.	Documentation of extents of native vegetation and target invasive non-native vegetation.	Complete digitized maps of native vegetation and target invasive species.	Information regarding the extent to which arundo and tamarisk are present in the Watershed.	Sawyer Keeler-Wolf Vegetation Manual for vegetation classification, California Department of Food and Agriculture Weed Mapping Handbook and/or other accepted mapping methodology.	Comprehensive maps of native and target non-native vegetation for the entire Watershed.



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**TABLE 9-5**  
**PROJECT PERFORMANCE MEASURES FOR SIMI VALLEY TAPO CANYON WATER TREATMENT PLANT (C-11)**

<b>Project Goals</b>	<b>Desired Outcomes</b>	<b>Output Indicators</b>	<b>Outcome Indicators</b>	<b>Measurement Tools and Methods</b>	<b>Targets</b>
Reduce dependence on imported water and improve water supply reliability.	<ul style="list-style-type: none"> <li>Increased use of underutilized local groundwater resources.</li> <li>Reduced demand (or slower growth in demand) for imported water supplies.</li> </ul>	<ul style="list-style-type: none"> <li>Deliveries of local groundwater produced by VCWWD8 to customers.</li> </ul>	<ul style="list-style-type: none"> <li>Quantification of the local water resources used in lieu of imported water as a result of the project.</li> <li>Quantification of imported water use avoided as a result of the project.</li> </ul>	<ul style="list-style-type: none"> <li>Water delivery flow meters at Simi Valley Tapo Canyon Water Treatment Plant.</li> </ul>	<ul style="list-style-type: none"> <li>Production of approximately 1,000 AFY of desalted groundwater.</li> </ul>



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**TABLE 9-6**  
**PROJECT PERFORMANCE MEASURES FOR EL RIO FOREBAY GROUNDWATER CONTAMINANT ELIMINATION PROJECT (SC-1)**

Project Goals	Desired Outcomes	Output Indicators	Outcome Indicators	Measurement Tools and Methods	Targets
Comply with Regional Water Quality Control Board (RWQCB) septic system prohibition.	<ul style="list-style-type: none"> <li>• All required septic systems abandoned by January 1, 2008 deadline.</li> </ul>	<ul style="list-style-type: none"> <li>• Complete construction and place into operation a conventional sewer collection system in El Rio.</li> </ul>	<ul style="list-style-type: none"> <li>• Number of new sewer connections.</li> <li>• Number of septic systems abandoned.</li> </ul>	<ul style="list-style-type: none"> <li>• Connection requests made.</li> <li>• Septic system abandonment permits obtained.</li> </ul>	<ul style="list-style-type: none"> <li>• Facilitate the abandonment of 202 septic systems.</li> </ul>
Improve groundwater quality.	<ul style="list-style-type: none"> <li>• Reduce nitrate and pathogen discharge.</li> </ul>	<ul style="list-style-type: none"> <li>• Complete construction and place into operation a conventional sewer collection system in El Rio.</li> </ul>	<ul style="list-style-type: none"> <li>• Number of new sewer connections.</li> <li>• Number of septic systems abandoned.</li> </ul>	<ul style="list-style-type: none"> <li>• Calculation of nitrate reduction based on number of septic systems abandoned and 164 lbs. per year per septic tank.</li> </ul>	<ul style="list-style-type: none"> <li>• Reduction of approximately 33,000 lbs of nitrates per year.</li> </ul>

**The PAEP for the El Rio GCEP is provided on the CD-Rom and is entitled Att9\_IG2\_9604\_SC-1-PAEP.pdf.**





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**TABLE 9-7**

**PROJECT PERFORMANCE MEASURES FOR THE OXNARD FOREBAY GROUNDWATER CONTAMINANT ELIMINATION PROJECT, COLLEGE PARK PHASE (SC-2)**

<b>Project Goals</b>	<b>Desired Outcomes</b>	<b>Output Indicators</b>	<b>Outcome Indicators</b>	<b>Measurement Tools and Methods</b>	<b>Targets</b>
Comply with RWQCB septic system prohibition.	<ul style="list-style-type: none"> <li>All required septic systems abandoned by January 1, 2008 deadline.</li> </ul>	<ul style="list-style-type: none"> <li>Complete construction and place into operation a conventional sewer collection system in College Park.</li> </ul>	<ul style="list-style-type: none"> <li>Number of new sewer connections.</li> <li>Number of septic systems abandoned.</li> </ul>	<ul style="list-style-type: none"> <li>Connection requests made.</li> <li>Septic system abandonment permits obtained.</li> </ul>	<ul style="list-style-type: none"> <li>Facilitate the abandonment of 250 septic systems.</li> </ul>
Improve groundwater quality.	<ul style="list-style-type: none"> <li>Reduce nitrate and pathogen discharge.</li> </ul>	<ul style="list-style-type: none"> <li>Complete construction and place into operation a conventional sewer collection system in Oxnard's College Park.</li> </ul>	<ul style="list-style-type: none"> <li>Number of new sewer connections.</li> <li>Number of septic systems abandoned.</li> </ul>	Calculation of nitrate reduction based on number of septic systems abandoned and 164 lbs. per year per septic tank.	Reduction of approximately 40,000 lbs of nitrates per year.



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**TABLE 9-8  
 PROJECT PERFORMANCE MEASURES FOR FILLMORE INTEGRATED  
 WATER RECYCLING AND WETLANDS PROJECT, PHASE II-A (SC-3)**

<b>Project Goals</b>	<b>Desired Outcomes</b>	<b>Output Indicators</b>	<b>Outcome Indicators</b>	<b>Measurement Tools and Methods</b>	<b>Targets</b>
Achieve compliance with RWQCB discharge permit for the Fillmore Wastewater Treatment Plant.	Time Schedule Order (TSO) rescission by the RWQCB.	Achieving compliance with TSO	TSO rescinded by the RWQCB.	RWQCB Rescission Action.	Completion of the construction of the recycled water treatment and distribution facilities for acceptance by the RWQCB.
Deliver Title 22 unrestricted use recycled water for public landscaping, wetlands and agricultural uses within the City of Fillmore.	Facilities constructed to transport and distribute recycled water for reuse in lieu of potable water.	Connections of end users to constructed recycled water distribution facilities.	Demand for recycled water.	Recycled water meters to measure flows of recycled water in delivered to the users in the City of Fillmore.	<ul style="list-style-type: none"> <li>• 250 AFY of recycled water delivered.</li> <li>• Public acceptance of the use of recycled water for non-potable purposes.</li> </ul>
Create demonstration wetlands percolation areas, wildlife refuge areas and a learning center for public education about wetlands, wildlife and use of recycled water.	Wetlands areas with learning center.	Completed wetlands and learning center with operational plan for education.	Visitors to the wetlands and the utilization of the learning center by the public and school children.	<ul style="list-style-type: none"> <li>• Survey of area of wetlands developed.</li> <li>• Counting of visitors to the learning center and wetlands.</li> </ul>	<ul style="list-style-type: none"> <li>• Up to 1 acre of demonstration wetland and percolation areas.</li> <li>• Learning center for education.</li> </ul>



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**TABLE 9-9  
 PROJECT PERFORMANCE MEASURES FOR THE VENTURA RIVER  
 WATERSHED PROTECTION PROJECT (V-1)**

<b>Project Goals</b>	<b>Desired Outcomes</b>	<b>Output Indicators</b>	<b>Outcome Indicators</b>	<b>Measurement Tools and Methods</b>	<b>Targets</b>
Prepare Comprehensive Watershed Protection Plan for Ventura River Watershed.	<ul style="list-style-type: none"> <li>• Identification of data gaps</li> <li>• Identification of natural flood protection alternatives.</li> <li>• Preparation of vegetation and wildlife survey maps.</li> <li>• Identification of ecosystems to protect and restore.</li> <li>• Identification of policies to protect habitat.</li> <li>• Identification of water-related recreational and educational opportunities.</li> </ul>	<ul style="list-style-type: none"> <li>• Data gaps discussion in plan.</li> <li>• Natural flood protection alternatives discussion in plan.</li> <li>• Vegetation and wildlife survey GIS maps in plan.</li> <li>• Ecosystems GIS mapping and discussion in plan.</li> <li>• Proposed policies to protect habitat.</li> <li>• Proposed water-related recreation and education opportunities.</li> </ul>	<ul style="list-style-type: none"> <li>• Planned monitoring to fill data gaps.</li> <li>• Recommended activities for natural flood protection (e.g. allowing farmers to flood fields, land use policies to prevent floodplain development).</li> <li>• Recommended projects for non-native vegetation removal and wildlife protection.</li> <li>• Recommended projects for ecosystem protection/restoration.</li> <li>• Recommended policies for habitat protection.</li> <li>• Recommended projects to provide water-related recreation and education.</li> </ul>	<ul style="list-style-type: none"> <li>• Spreadsheets/databases with monitoring data.</li> <li>• Number of flood protection activities proposed.</li> <li>• Number of projects for non-native vegetation removal and wildlife protection.</li> <li>• Number of projects for ecosystem protection/restoration.</li> <li>• Number of policies for habitat protection.</li> <li>• Number of projects to provide water-related recreation and education.</li> </ul>	<ul style="list-style-type: none"> <li>• Spreadsheets/databases with groundwater, surface water quality and quantity monitoring data.</li> <li>• Identification of up to three flood protection activities.</li> <li>• Identification of up to three locations for non-native vegetation removal and wildlife protection.</li> <li>• Identification of up to three activities for ecosystem protection/restoration.</li> <li>• Development of up to three policies for habitat protection.</li> <li>• Identification of up to three activities to provide water-related recreation and education.</li> </ul>



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<b>Project Goals</b>	<b>Desired Outcomes</b>	<b>Output Indicators</b>	<b>Outcome Indicators</b>	<b>Measurement Tools and Methods</b>	<b>Targets</b>
Develop a calibrated hydrology and water-quality model able to simulate historic conditions and evaluate future condition scenarios.	<ul style="list-style-type: none"> <li>• Identification of expected water supply and groundwater recharge based on hydrology model.</li> <li>• Provide flow data for use in hydraulic model for floodplain evaluation.</li> <li>• Provide flow data for use in sediment transport model for channel scour and deposition study with water quality aspects.</li> </ul>	<ul style="list-style-type: none"> <li>• Quality of fit of hydrologic model calibration to develop confidence in future condition model results and flow data provided to other models.</li> <li>• Quality of fit of water quality simulations to develop confidence in model results for best management plan (BMP) evaluations and land development effects.</li> </ul>	<ul style="list-style-type: none"> <li>• Matching historic peak and volumes from measured flow data with hydrologic model.</li> <li>• Matching historic pollutant loading data with water quality simulations.</li> </ul>	<ul style="list-style-type: none"> <li>• Standardized hydrology and water quality calibration targets as outlined in the Calleguas Creek Watershed Management Plan.</li> </ul>	<ul style="list-style-type: none"> <li>• Historic extreme flow peaks matched within 10%.</li> <li>• Pollutant Event Mean Concentration matched within 20%.</li> </ul>
Conduct depth-discrete groundwater Monitoring in Ojai Basin to improve use of local water resources.	Increased understanding of seasonal and annual variations in local groundwater resources.	<ul style="list-style-type: none"> <li>• Water level and quality measurements.</li> <li>• Deliveries of local groundwater produced by purveyors to customers.</li> </ul>	Quantification of impact of use of local water resources and ability to offset use of imported water.	<ul style="list-style-type: none"> <li>• Water level measurements.</li> <li>• Water delivery flow meters.</li> </ul>	<ul style="list-style-type: none"> <li>• Conduct appropriate frequency (at least quarterly) water level measurements.</li> <li>• Conduct appropriate frequency (at least quarterly) water quality measurements.</li> <li>• Obtain monthly local and imported water delivery information for Ojai Basin.</li> </ul>



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<b>Project Goals</b>	<b>Desired Outcomes</b>	<b>Output Indicators</b>	<b>Outcome Indicators</b>	<b>Measurement Tools and Methods</b>	<b>Targets</b>
Close surface water flow and quality data gaps.	Identify two locations for surface water monitoring stations.	Construction of two locations for surface water monitoring stations.	Collection of water quality and flow data at an appropriate frequency (at least quarterly).	<ul style="list-style-type: none"> <li>Water quality data from calibrated instruments.</li> <li>Water flow data from calibrated instruments.</li> </ul>	<ul style="list-style-type: none"> <li>Conduct appropriate frequency (at least quarterly) water level measurements.</li> <li>Conduct appropriate frequency (at least quarterly) water quality measurements.</li> </ul>
Remove arundo at 40-acre site.	Remove arundo.	Acreage of arundo removal.	Re-establishment of native riparian vegetation.	Summary report of removal and photo documentation.	99% initial removal in project area.
Develop a Ventura River Watershed Council website.	Website with reference material, stakeholder information, meeting notes, work products, etc.	Quantity and quality of information on website.	Stakeholder engagement in Watershed Council.	<ul style="list-style-type: none"> <li>Content of Watershed Council website.</li> <li>Visits to Watershed Council website.</li> </ul>	<ul style="list-style-type: none"> <li>Post up to 20 references.</li> <li>Post stakeholder meeting notes (at least quarterly).</li> <li>Track visits to website.</li> </ul>



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**TABLE 9-10  
 PROJECT PERFORMANCE MEASURES FOR SAN ANTONIO SPREADING GROUNDS REHABILITATION (V-2)**

<b>Project Goals</b>	<b>Desired Outcomes</b>	<b>Output Indicators</b>	<b>Outcome Indicators</b>	<b>Measurement Tools and Methods</b>	<b>Targets</b>
Augmentation of Ojai Basin recharge	<ul style="list-style-type: none"> <li>Higher Basin water tables.</li> <li>Reduced demand for surface water supplies from Casitas Municipal Water District (Casitas MWD).</li> </ul>	<ul style="list-style-type: none"> <li>Measurement of Basin water tables.</li> <li>Measurement of Casitas MWD deliveries.</li> </ul>	<ul style="list-style-type: none"> <li>Quantification of additional Basin recharge.</li> <li>Quantification of reduced Casitas MWD deliveries.</li> </ul>	<ul style="list-style-type: none"> <li>Reading of depth-discrete monitoring well and other Basin monitoring wells.</li> <li>Reading of meters on Casitas MWD deliveries, notably deliveries to Golden State Water Company.</li> </ul>	<ul style="list-style-type: none"> <li>500 AFY of additional Basin recharge, when weather conditions permit.</li> <li>Reduced Casitas MWD deliveries.</li> </ul>
Improve upstream fish passage.	Remove blockage to fish passage barriers.	Observance of Southern Steelhead and other fish species upstream of current barrier.	Number of Southern Steelhead and other fish species observed.	Biological monitoring.	<ul style="list-style-type: none"> <li>Successful removal of barriers.</li> <li>Observe fish present.</li> </ul>



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**TABLE 9-11  
 PROJECT PERFORMANCE MEASURES FOR SENIOR CANYON MUTUAL WATER COMPANY  
 AUTOMATION UPGRADES PROJECT (V-6)**

<b>Project Goals</b>	<b>Desired Outcomes</b>	<b>Output Indicators</b>	<b>Outcome Indicators</b>	<b>Measurement Tools and Methods</b>	<b>Targets</b>
Assist in increasing Casitas MWD water supply.	Increased use of underutilized local groundwater resources.	Decrease in water deliveries to Senior Canyon from Casitas MWD.	Quantification of Senior Canyon reduction in demand for Casitas MWD surface water.	Number of units of water sold as measured by Casitas MWD's meter reads to Senior Canyon Mutual Water Company.	<ul style="list-style-type: none"> <li>• A reduction in 42 AFY of water demand from Casitas MWD</li> <li>• Year-round use of Senior Canyon's water supply sources.</li> </ul>
Help ensure reliability of treatment and monitoring in order to meet state primary drinking water quality standards for Senior Canyon customers.	Meet state primary drinking water quality standards.	Collection of both continuous and periodic water quality data.	Records of water quality data evaluated for compliance with water quality standards.	Continuous and periodic water quality sampling and analysis.	No violations of primary drinking water quality standards.