

**SAN DIEGO IRWM PROJECT DATABASE**  
**DRAFT 13AUG09**

FIELD	ENTRY TYPE	LINKS/ DEFINITIONS	CHAR	MAP	RQRD
<b>FORM 1: PROJECT DESCRIPTION</b>					
<b>Project Title</b>					
Project Title	Text		100		Yes
<b>Project Contact</b>					
		Eligibility per Prop 84			
Name	Text		40		Yes
Title	Text		40		Yes
Agency/Organization	Text		40		Yes
Address 1	Text		40		Yes
Address 2	Text		40		Yes
Phone	Text		40		Yes
Email	Text		40		Yes
Can your contact information be shared?	Check box				
<b>Project Location (Include link: <a href="http://geocoder.us/">http://geocoder.us/</a>)</b>					
Describe Project Location	Text		200		Yes
Project Acreage	Number				
Latitude	Number	"How to" Lat/Long		Auto	Yes
Longitude	Number	"How to" Lat/Long		Auto	Yes
<b>Project Website</b>					
URL to Project Website (If Available)	Text		100		
<b>Project Partners</b>					
List Project Partners (Agency/Organization)	Text		300		
Partnerships with Tri-County FACC or International Organizations?	Text	Tri-County FACC	200		
<b>Project Need</b>					
Describe Need for Project (1-2 paragraphs)	Text		700		
<b>Project Type</b>					
Functional Area (Water Supply, Wastewater, Flood Control, Stormwater, Natural Resources and Watersheds)	Pull-Down Menu				Yes
Project Type (Planning/Feasibility Study/Conceptual Design, Construction Project, Land Acquisition/Protection/Restoration)	Pull-Down Menu				Yes
<b>Primary Water Management Strategy</b>	Pull-Down Menu				Yes
<b>Project Description</b>					
Project Summary (2-3 sentences)	Text		200		Yes
Project Description (2-3 paragraphs)	Text		1000		Yes
Identify Linkages with Other Projects	Text		200		
Local/Regional Plans Which List the Project	Text	IRWM Plan App. 13	200		
<b>Readiness to Proceed</b>					
Ready to be Considered for Prop 84 Expedited Cycle?	Yes/No + Text	DWR Prop 84 website	100		Yes
<b>Project Budget</b>					
Estimated Maximum Project Cost	Number				Yes
Estimated Minimum Project Cost	Number				Yes

<b>FORM 2: REGIONAL OBJECTIVES &amp; IMPACTS</b>					
<b>Contribution to IRWM Plan Objectives -- One Sentence Description of How Achieved</b>		IRWM Plan Sec. C			
Objective A: Maximize stakeholder/ community involvement and stewardship.	Check Boxes + Text		300		
Objective B: Effectively obtain, manage, and assess water resource data and information.	Check Boxes + Text		300		
Objective C: Further scientific and technical foundation of water management.	Check Boxes + Text		300		
Objective D: Develop and maintain a diverse mix of water resources.	Check Boxes + Text		300		

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Objective E: Construct, operate, and maintain a reliable infrastructure system.	Check Boxes + Text		300		
Objective F: Reduce the negative effects on waterways and watershed health caused by hydromodification and flooding.	Check Boxes + Text		300		
Objective G: Effectively reduce sources of pollutants and environmental stressors.	Check Boxes + Text		300		
Objective H: Protect, restore and maintain habitat and open space.	Check Boxes + Text		300		
Objective I: Optimize water-based recreational opportunities.	Check Boxes + Text		300		
<b>Affected Hydrologic Unit(s) -- May select &gt;1. One Sentence Description of How Hydrologic Unit(s) Affected</b>				Yes	
Hydrologic Units/ALL	Pull-Down Menu + Text		200		
<b>Affected Groundwater Basin(s) -- May select &gt;1. One Sentence Description of How Groundwater Basin(s) Affected</b>				Yes	
Groundwater Basins/ALL	Pull-Down Menu + Text		200		
<b>Affected Impaired Water Body(s) -- May select &gt;1. One Sentence Description of how Impaired Water Body(s) Affected</b>				Yes	
Inland Surface Waters	Pull-Down Menu + Text		200		
Coastal Waters	Pull-Down Menu + Text		200		
<b>Planning for Climate Change</b>					
Describe how the project will adapt to long-term climate change (warmer temperatures, extended drought, extreme storms, sea level rise)	Text	Climate Change rpts	400		
Describe how the project will mitigate its contribution to climate change (energy efficiency, limits on greenhouse gas emissions, water conservation)	Text	Climate Change rpts	400		
In compliance with AB32?	Yes/No + Text		100		

**FORM 3: WATER MANAGEMENT STRATEGIES**

**Water Management Strategies (IRWM Plan) -- One Sentence Description of How Strategy Incc IRWM Plan Sec. E**

Agricultural Land Stewardship	Check Boxes + Text		200		
Agricultural Water Use Efficiency	Check Boxes + Text		200		
Groundwater Management	Check Boxes + Text		200		
Conjunctive Use & Groundwater Storage	Check Boxes + Text		200		
Regional Conveyance	Check Boxes + Text		200		
<del>Seawater</del> Desalination	Check Boxes + Text		200		
Potable Water Treatment & Distribution	Check Boxes + Text		200		
Economic Incentives	Check Boxes + Text		200		
Ecosystem Restoration	Check Boxes + Text		200		
<del>Ecosystem Preservation</del>	Check Boxes + Text		200		
Environmental and Habitat Protection & Improvement	Check Boxes + Text		200		
<del>Wetlands Enhancement &amp; Creation</del>	Check Boxes + Text		200		
Floodplain Management	Check Boxes + Text		200		
Groundwater Aquifer Remediation	Check Boxes + Text		200		
Matching Quality to Use	Check Boxes + Text		200		
Pollution Prevention	Check Boxes + Text		200		
Water Quality Protection & Improvement	Check Boxes + Text		200		
Wastewater Treatment	Check Boxes + Text		200		
Recharge Area Protection	Check Boxes + Text		200		
Recycled Municipal Wastewater	Check Boxes + Text		200		
Regional Surface Storage	Check Boxes + Text		200		
Reoperation & Reservoir Management	Check Boxes + Text		200		
<del>Urban</del> Land Use Management	Check Boxes + Text		200		
Urban Runoff Management	Check Boxes + Text		200		

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Urban Water Use Efficiency	Check Boxes + Text		200		
Water Transfers	Check Boxes + Text		200		
Recreation & Public Access	Check Boxes + Text		200		
Watershed Management & Planning	Check Boxes + Text		200		
Stakeholder/Community Involvement	Check Boxes + Text		200		
Water Resources Data Collection & Management	Check Boxes + Text		200		
Enhance Scientific and Technical Knowledge	Check Boxes + Text		200		
<u>Salt &amp; Salinity Management</u>	Check Boxes + Text		200		
<b>Drought Related Projects -- One Sentence Description of Project Relevance</b>		Executive Order S-06-08			
Water conservation/water use efficiency (water conservation education, landscape and agricultural irrigation efficiencies, leak detection, CUWCC BMPs)	Check Boxes + Text		200		
Water reuse/recycling (expansion of reuse markets and purple pipe systems)	Check Boxes + Text		200		
Seawater and brackish groundwater desalination (expansion of treatment and delivery pipe systems)	Check Boxes + Text		200		
Groundwater development (recharge area protection, conjunctive use, extraction and treatment facilities)	Check Boxes + Text		200		
Stormwater/rainwater capture and reuse (detention facilities for groundwater recharge, treatment and delivery systems)	Check Boxes + Text		200		
Greywater reuse (installation and monitoring of permitted greywater systems)	Check Boxes + Text		200		
<b>DWR Preferences -- One Sentence Description of How Preference Addressed</b>		Water Code 75026(b)			
Effectively integrate water management programs and projects within a DWR-approved region	Check Boxes + Text		200		
Effectively integrate water management with land use planning	Check Boxes + Text		200		
Effectively resolve significant water-related conflicts within or between regions	Check Boxes + Text		200		
Contribute to the attainment of one or more objectives of the CALFED Bay-Delta Program	Check Boxes + Text		200		
Address statewide priorities	Check Boxes + Text		200		
Address critical water supply or water quality needs for disadvantaged communities within the region	Check Boxes + Text		200		
Other (please specify)	Check Boxes + Text		200		

<b>FORM 4: STAKEHOLDER OUTREACH &amp; PROJECT FEASIBILITY</b>					
<b>Stakeholder Outreach and Involvement</b>					
Describe Public Outreach and Involvement Methods	Text		500		
Elaborate on Outreach Methods Used to Reach Disadvantaged/Environmental Justice Communities	Text		500		
<b>Disadvantaged and Environmental Justice Communities</b>					
Description of How the Project Benefits Disadvantaged Communities	Text	Disadvantaged comm	400	Yes	
Description of Any Potential Impacts to Disadvantaged Communities	Text		400		
Description of How the Project Benefits Environmental Justice Communities	Text	Environ justice comm	400		
Description of Any Potential Impacts to Environmental Justice Communities	Text		400		
<b>Project Photos/Maps</b>					
Upload Project Photos and Maps	Upload docs				
<b>Environmental Compliance</b>					

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List Regulatory Permit(s)	Text	List of permits	200		
List CEQA/NEPA Document(s)	Text	List of CEQA/NEPA docs	200		
<b>Feasibility Documentation</b>					
List Feasibility Study(s)	Text		200		
Describe Sustainability of the Project/Program Over Time	Text		300		
<b>Project Schedule</b>					
Planning/Analysis	Calendar start/finish				
Design/Engineering	Calendar start/finish				
Environmental Documentation	Calendar start/finish				
Construction	Calendar start/finish				
<b>Project Budget</b>					
Estimated Maximum Project Cost	Auto from above				Auto
Estimated Minimum Project Cost	Auto from above				Auto
Grant Funds Requested	Number				
Estimated Local Match Amount	Number				
Describe Match Type (CIP funds, in-kind services, etc)	Text		100		
Annual Operations & Maintenance Cost	Number				
<b>AB1420 Compliance</b>					
For <i>urban water suppliers</i> only: In compliance with AB1420?	Yes/No + Text	AB1420 + CUWCC web	100		

**FORM 5: IRWM PLAN METRICS**

**Contribution to IRWM Plan Metrics -- One Sentence Description of How Achieved (Release Metrics ONLY IF Objective ABOVE is Checked)**

<b>Objective A: Maximize stakeholder/ community involvement and stewardship.</b>	<b>Check Boxes + Text</b>		<b>300</b>		
Target 1. Develop by 2009 a regional IRWM website to provide centralized public access to water management data and information.	Completed.	<a href="http://www.sdirwmp.org">www.sdirwmp.org</a>			
Target 2. Develop by 2008 and implement by 2010 regional approaches to water management education.	Text	IRWM Plan App. 8	200		
Target 3. Conduct water management outreach and solicit input from 2% of Region's population each year, including underserved and disadvantaged communities.	Number (population reached) + Text		200		
Target 4. Provide "hands-on" stewardship opportunities in the Region's watersheds to 1% of Region's population each year, including underserved and disadvantaged communities.	Number (population reached) + Text		200	Yes	
<b>Objective B: Effectively obtain, manage, and assess water resource data and information.</b>	<b>Check Boxes + Text</b>		<b>300</b>		
Target 1. Develop standards for the integration and assessment of water management data and information by 2010.	Text		200		
Target 2. Provide centralized public access to key water management data sets by 2010.	Text		200		
<b>Objective C: Further scientific and technical foundation of water management.</b>	<b>Check Boxes + Text</b>		<b>300</b>		
Target 1. By 2010, develop an agreed-upon system and metrics for tracking the progress of Basin plan validation efforts through coordination with Regional Board staff.	Text		200		

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Target 2. Conduct water quality assessment for beneficial use attainment within 75 percent of surface waters by 2015.	Number (surface waters) + Text		200		
Target 3. Assess and validate Basin Plan beneficial uses and water quality objectives for the Region's watersheds by 2017.	Text		200		
Target 4. By 2013, develop an agreed-upon system and metrics for tracking groundwater assessment information.	Text		200		
Target 5. By 2015, develop an agreed-upon system and metrics for evaluating ocean water quality and marine habitat.	Text		200		
<b>Objective D: Develop and maintain a diverse mix of water resources.</b>	<b>Check Boxes + Text</b>		<b>300</b>		
Target 1. Increase water conservation savings from about 51,090 AFY in 2006 to at least 79,960 AFY by 2010 and 108,400 AFY by 2030.	Number (water conservation in AFY) + Text		200		
Target 2. Increase seawater desalination capability within the region from zero AFY to 34,690 AFY by 2015.	Number (seawater desalination in AFY) + Text		200		
Target 3. Increase recycled water use from about 14,830 AFY in 2006 to 33,670 AFY by 2010 and 47,580 AFY by 2030.	Number (recycled water in AFY) + Text		200		
Target 4. Increase groundwater supply within the Water Authority service area from about 14,960 AFY in 2006 to 28,580 AFY by 2010 and 31,180 AFY by 2030.	Number (groundwater in AFY) + Text		200		
Target 5. Implement Colorado River conservation and transfer programs, increasing deliveries from 35,000 AFY in 2006 to 277,700 AFY by 2030.	Number (water conservation in AFY) + Text		200		
Target 6. Include an analysis in the Water Authority 2010 Urban Water Management Plan that assesses the effect of climate change on future water supplies.	Text		200		
Target 7. Develop and implement regional drinking water source protection guidelines for the Region by 2012.	Text		200		
Target 8. Meet groundwater supply and water quality objectives identified in the County's General Plan 2020 for groundwater-dependent communities by 2012.	Text		200		
<b>Objective E: Construct, operate, and maintain a reliable infrastructure system.</b>	<b>Check Boxes + Text</b>		<b>300</b>		
Target 1. Develop facilities and manage supplies to ensure adequate emergency and carry-over deliveries.	Text		200		
Target 2. Increase local treatment of imported and local surface waters from 597 mgd to 860 mgd in 2010 and 920 mgd in 2030.	Number (treated supply in MGD) + Text		200		
Target 3. Develop the conveyance facilities necessary to deliver a reliable supply and assure adequate resources to maintain existing conveyance systems.	Text		200		
Target 4. Develop the infrastructure needed to support the targets identified for developing recycled water, desalination, and groundwater supplies.	Text		200		
<b>Objective F: Reduce the negative effects on waterways and watershed health caused by hydromodification and flooding.</b>	<b>Check Boxes + Text</b>		<b>300</b>		
Target 1. Develop and implement regional standards for Low Impact Development (LID) practices by 2010.	Text		200		
Target 2. Develop and implement regional approaches to hydromodification management by 2010.	Text		200		

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Target 3. By 2010, implement a system to track rates of change in area of impervious surfaces regionally.	Text		200		
<b>Objective G: Effectively reduce sources of pollutants and environmental stressors.</b>	<b>Check Boxes + Text</b>		<b>300</b>		
Target 1. Implement Total Maximum Daily Loads (TMDLs) according to established schedules.	Text		200		
Target 2. Reduce or avoid the need for TMDLs by monitoring and managing impacts to receiving waters, with an emphasis on 303(d)-listed water bodies and other Environmentally Sensitive Areas.	Text		200		
Target 3. Develop by 2012 a regional management plan for Total Dissolved Solids (TDS).	Text		200		
Target 4. Develop and implement comprehensive source management strategies to address regionally-significant constituents (e.g., pathogens, nutrients, sediments).	Text		200		
Target 5. Reduce the frequency of sanitary sewer overflows in excess of 1,000 gallons from 180 overflows per year in 2005 to 120 overflows per year in 2012.	Text		200		
Target 6. Reduce the volume of sanitary sewer overflows per mile of collection system.	Text		200		
<b>Objective H: Protect, restore and maintain habitat and open space.</b>	<b>Check Boxes + Text</b>		<b>300</b>		
Target 1. Conserve by 2012 a minimum of 10,000 acres of habitat and open space, including functional riparian habitat and associated buffer habitat, and functional wetland habitat.	Number (acreage conserved) + Text		200		
Target 2. Restore by 2012 a minimum of 1,000 acres of habitat and open space, functional riparian habitat and associated buffer habitat, and functional wetland habitat.	Number (acreage restored) + Text		200		
Target 3. Remove and control a minimum of 1,000 acres of non-native invasive plants by 2012.	Number (acreage removed) + Text		200		
Target 4. Monitor, manage, control, and prevent establishment of nuisance aquatic species in the Region.	Text		200		
<b>Objective I: Optimize water-based recreational opportunities.</b>	<b>Check Boxes + Text</b>		<b>300</b>		
Target 1. Develop 200 acres of water-based recreational open space that focuses on underserved areas and ensures equal access for disadvantaged communities.	Number (acreage open space) + Text		200		
Target 2. By 2015 provide 20 new public access points (boat launch facilities, fishing floats or piers, swim beaches, trails, stairs, parking areas, or similar) to recreational surface waters.	Number (access points) + Text		200		