

North Bay Watershed Association



BAIRWMP

Prop 84 2015 Round -Funding Opportunity

I Background-

Prop 84 Basics

Rounds 1 & 2, Drought Round-Projects

II 2015 Round Process

Factors/ Screening Criteria

Priorities?

Schedule

III DWR Guidance

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Bay Area

North bay

Prop 84

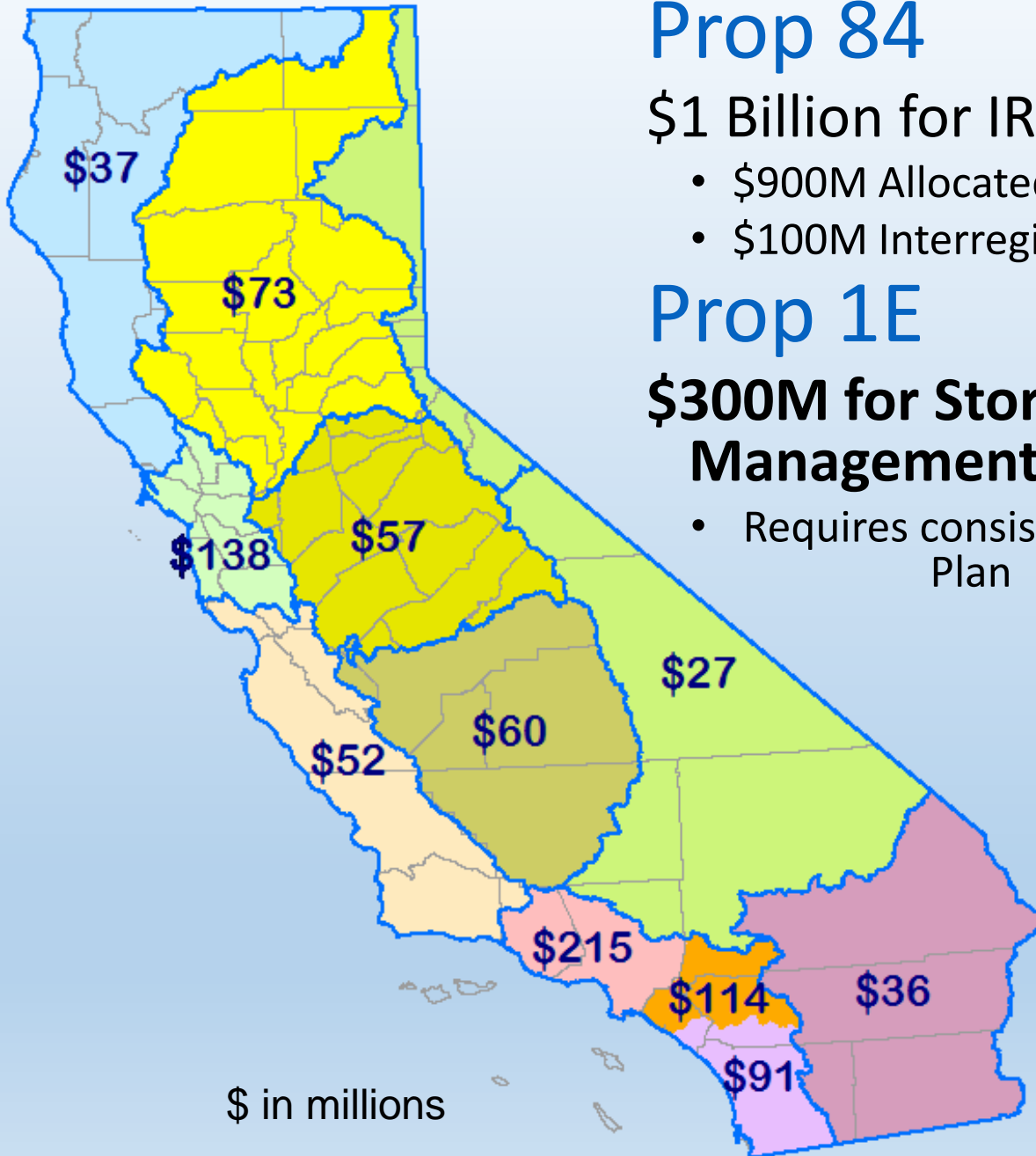
\$1 Billion for IRWM

- \$900M Allocated to 11 Funding Areas
- \$100M Interregional

Prop 1E

\$300M for Storm Water Flood Management

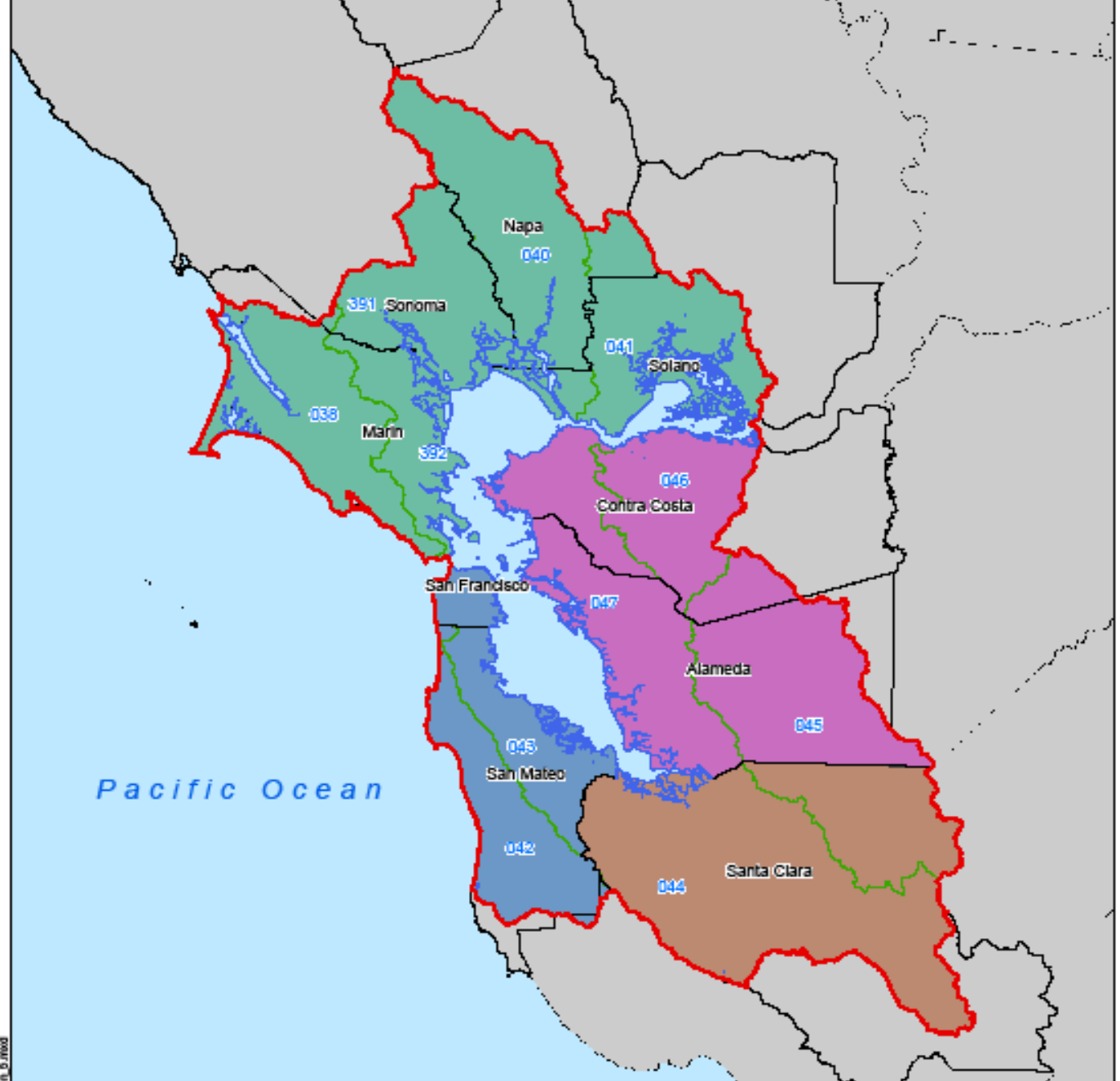
- Requires consistency with IRWM Plan



\$ in millions

Funding Areas and IRWM Regions





Pacific Ocean

Option 5: Divide by 4 Subregions

Legend

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Background-Past Implementation Grants

- Prop 50 Round 1 – **\$12.5** million dollars to water agencies for conservation, water recycling, BACWA outreach on bay pollution
- Prop 84 Round 1 – **\$30** million to 30 recipients including water agencies, NGOs, local governments
- Prop 84 Round 2 - **\$20** million to 19 recipients including water agencies, NGOs, local governments
- Prop 84 Drought Round- **\$ 31** m to 11 projects including water agencies, NGOs, local governments

BAIRWMP Funding Prop 84 North Bay Subregion-25% (including Land Area)

- Prop 50-

\$ 978,150/ \$12.5 m.

Population only

8 % to North bay

- Prop 84 Round 1

\$ 7.5 m/ \$ 29.5 m

Population and Area

25% to North bay

- Prop 84 Round 2-

\$ 5.4 m/\$19.3 m

Population and Area

28 % to North bay

Drought Round

\$ 8.4/ \$ 30 m

Population and Area

28% to North bay

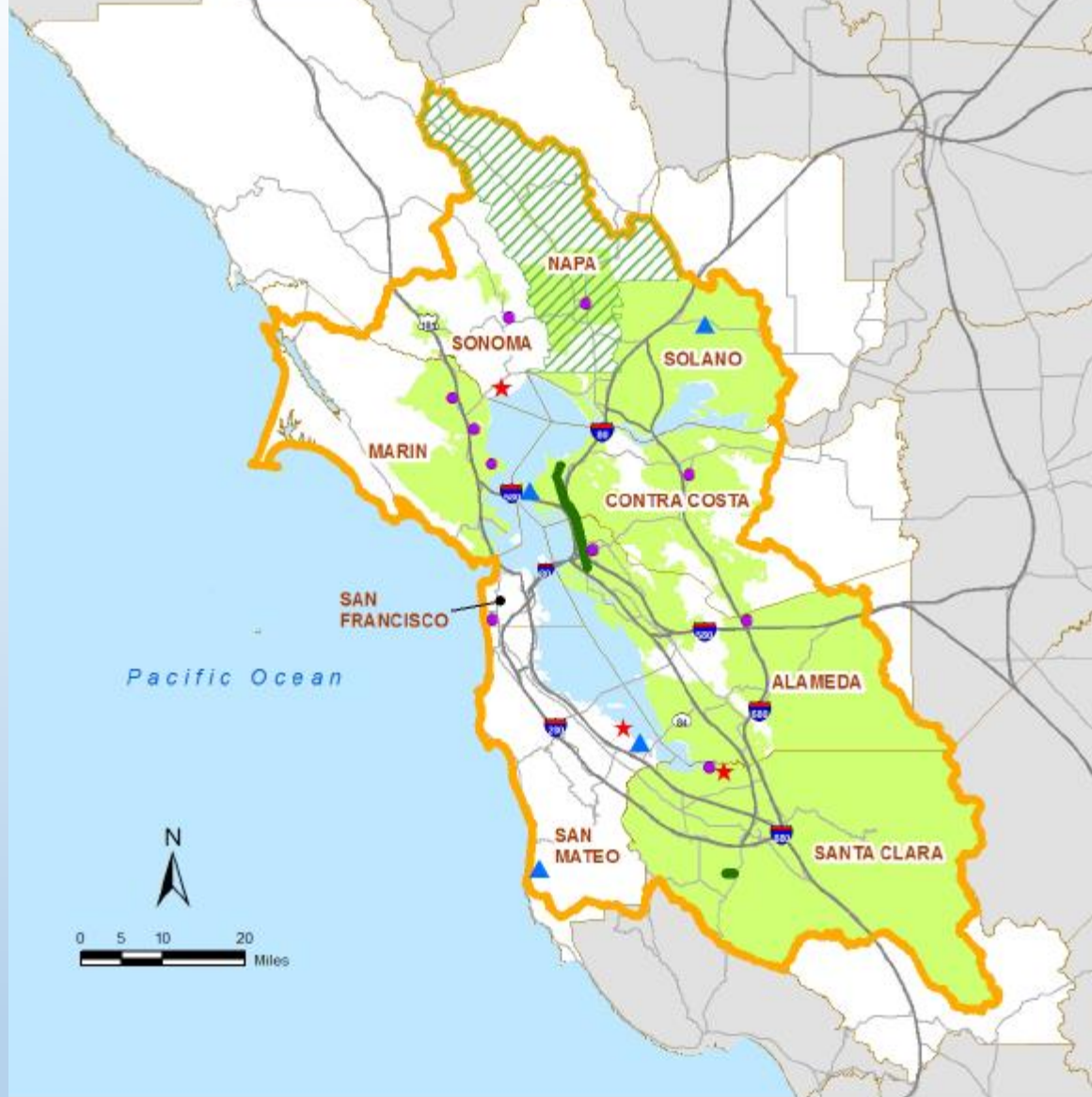
Past Project Selection

Processes

- Prop 50 Round 1 – not public
- Prop 84 Round 1 – emphasis on “**Regional Projects**,” Functional Areas, and DWR priorities (B/C ratio)
- Prop 84 Round 2 – **Conceptual Options**-emphasis on integration, sub-regional and Functional Area priorities, and DWR priorities (B/C ratio)
- Prop 84 Round 3 –Regional/Sub-Regional replaced by “**Drought**” related projects-

Round 1- “Regional” Projects

- **Regional Recycling** (\$10 m)
10 projects
 - **Regional Water Conservation** (\$ 8.953 m)
12 entities
 - **Regional Green Infrastructure Capacity Building** (\$4.566 m)
3 projects
 - **Bay Area Wetland Ecosystem Restoration Program** (\$ 3.75 m)
3 Projects
 - **Integrated Water Quality Improvement, Flood Management and Ecosystem Restoration in Bay Area Disadvantaged Communities** (\$2.1 m)
- Total-~ 29.4 m**



Prop 84 Implementation Grant (Round 1)

San Francisco Bay Area Regional Priority Programs

Program Name

- Regional Recycled Water Program
- ★ Wetland Ecosystem Restoration Program
- ▲ DAC Watershed Project

Bay Area IRWMP Boundary

Napa Valley Rainwater Harvesting

Round 1-North Bay Share

Project	Funds requested	North bay share	%
Recycling	\$10 m	\$ 2.5 m	25 %
Conservation	\$ 9.202 m	\$ 3.078 m	~ 33.4 %
Green Infrastructure	\$4.315 m	0	0
Wetlands	\$3.75 m	\$1.25 m	33.3 %
Integrated... DAC	\$ 2.182 m	~ \$666k	~ 30 %
Total	~ \$ 29.5 m	~ \$ 7.49 m	~ 25 %

Round 2
 ~ \$20 million
 19 Projects!



Prop 84 Round 2-North Bay

Marin

- **Conserving Our Watersheds** \$600,000
- **Lagunitas Creek Watershed Sediment Reduction and Management Project** \$630,000

Napa

- **Milliken Creek Flood Damage Reduction** \$500,000
- **Upper York Dam Removal - St. Helena** \$800,000

Sonoma

- **Petaluma Flood Impact Reduction, Water & Habitat Quality, Recreation, Phase IV** \$825,000
- **North Bay Water Reuse Program - Sonoma Valley Recycled Water Project - Phase 2** \$1,020,000

Regional

- STRAW \$ 400,000
- Conservation (~ \$2.5 m) \$ 643,125

\$ 5.4 m/ 28%

Drought Round-10 projects



2014 Drought Round

Primary Project Benefit	Project ID#	Project Proponent	Project Title
Water Supply Enhancement	1	San Francisco Public Utilities Commission (SFPUC)	Lower Cherry Aqueduct Emergency Rehabilitation Project
	2	Santa Clara Valley Water District (SCVWD)	Rinconada Water Treatment Plant Powdered Activated Carbon (PAC) Treatment
	3	Zone 7 Water Agency (Zone 7)	Zone 7 Water Supply Drought Preparedness Project
Recycled Water	4	Napa Sanitation District	Los Carneros Water District and Milliken-Sarco-Tulocay Recycled Water Pipelines
	5	SCVWD and City of Sunnyvale	Sunnyvale Continuous Recycled Water Production Facilities and Wolfe Road Pipeline
	6	DERWA*	DERWA Phase 3 Recycled Water Expansion Project
	7	City of Calistoga	Calistoga Recycled Water Storage Facility
Human Right to Water	8	San Mateo County Resource Conservation District (RCD)	Drought Relief for South Coast San Mateo County
	9	Stinson Beach County Water District (CWD)	Stinson Beach Water Supply & Drought Preparedness Plan
Drought Preparedness	10	StopWaste**	Bay Area Regional Drought Relief Conservation Program
	11	Marin Municipal Water District (MMWD)	WaterSMART Irrigation with AMI/AMR
Administration	12	ABAG/SFEP	Grant Administration

Drought Projects-2014

- NBWRA-Napa San.- \$ 4 m
 - Recycling
 - MMWD- \$.975 m
 - Water Smart Irrigation
 - Stinson Beach- \$.937 m
 - Water Supply and Conservation
 - City of Calistoga \$.75 m
 - Recycling
 - Conservation \$ 1.723 m
 - North Bay share
- \$ 8.4 M/ ~ 28 %

II 2015 Round Process

<http://bairwmp.org/funding/2015-round/2015-round-announcement>

- projects@bairwmp.org.
- Guidance- March 9, 2015
- Attachment A-Priorities/ Needs
- Attachment B-Scoring
- **Submittals due April 20, 2015**
 - **Online submittal**
 - <http://bairwmp.org/content/submitting-a-project-to-the-bay-area-irwmp>
 - **Log in required**

Final Round -2015

~ \$ 41,305,435 to Bay Area

- North bay target- ~ \$ 8.5 m (~ 22 %)
- Request for Submittals- issued on March 9, 2015
- Submittals due –**April 20, 2015**
- **2014 proposals must be resubmitted**

DWR –new accelerated schedule –announced March 4, 2015

- Release Draft Program Guidelines & PSP Mid-March 2015
- Public Meetings Mid-April
- Release Final Program Guidelines & PSP Late-May
- Applicant Workshops Early-July 2015
- **Applications Due Early August 2015**
- Announce Draft Recommendations Early November
for Public Review & Comment
- Announce Final Awards Mid-December 2015

Anticipated 2015 IRWMP Prop 84 Project Selection/ Application Process for San Francisco Bay Area



Bay Area Factors

- 1) Inclusion in the 2013 Bay Area IRWM Plan***
- 2) Readiness to proceed***
- 3) 25% Match***
- 4) Define Physical Benefits***
- 5) Benefit/Cost Analysis*** (? Technical analysis/ Cost Effectiveness)
- 6) Cash for Consultant***
- 7) Collaboration***
- 8) Multi-objective/ Integrated***
- 9) Amount of Grant Request***
- 10) Impact/Effect (Regional)***

Bay Area Factors

1. Inclusion in the 2013 Bay Area IRWM Plan:

...status of their submittal (currently in plan, in plan with new modifications, new submittal)

..Specify how their project addresses the **Goals and Objectives** of the plan (See Chapter 3 of the BAIRWM Plan).

2. Readiness to proceed:

...implementation within the **timeframe** of the 2015 Round grant.

...Reimbursements are not expected any sooner than late 2016. ...

...indicate status and proposed timing of any preliminary designs, environmental documentation, engineering and final design, and permitting that may apply.

3. 25% upfront Match: Projects must be able to demonstrate that a minimum of 25% in **non-state match** is committed to the project and can be spent in advance of receiving grant reimbursement from

...Disadvantaged Community (DAC) may qualify for a match waiver. However, the project proponent must specify the geography (city, census tract, zip code, etc.) and corresponding income by census data or income survey to qualify as a DAC project and for a match waiver

Bay Area Factors

- **4. Defines Physical Benefits:**

...able to clearly define the physical benefits of a project, as defined in the DWR PSP. ...clear and appropriate metrics of the physical benefits that the project will provide.

..Prop 84 implementation grant funds are intended for implementation projects rather than planning studies; operations and maintenance of facilities is ineligible.

- **5. Benefit/Cost Analysis:** Proposals should estimate how good a benefit-cost ratio could be provided by the project and the basis for the estimated ratio (either relate to similar projects or provide evidence). **????Cost Effectiveness**

- **6. Cash for Consultant:**

...application preparation costs, which have previously ranged from \$10,000 to \$25,000 per project, depending on the scale.

...Proponents must indicate their ability to pay an equitable share of the regional application cost. (**Reimbursable Cost**)

Bay Area Factors

- **7. Collaboration:** Proposals must demonstrate the support of relevant participants and their consistency with the priorities of regional and/or sub-regional plans and frameworks.
- **8. Multi-objective – Achieves Multiple Benefits:** Cross functional projects are preferred and the degree to which up-front **integration** of different IRWM functional categories (See Chapter 1.2.4 in the BAIRWM Plan) has occurred should be discussed.
- **9. Amount of Grant Request:**
 - No maximum request is currently set
 - .. Please describe the **scalability** of your proposal.
 - ...No firm minimum has been set, ..targeting projects of \$1 million and above.
- **10. Impact/Effect:**
 - ...claim a regional benefit, describe how the project is regional in scope and how it serves a greater than local need. How geographically extensive are the benefits of the project? Describe how the project may address regional priorities (refer to Attachment A) and include a description of project monitoring and evaluation of project goals.

Attachment A-Priority Regional Needs and Criteria

- **Climate Change**, as relates to *all* topics below, but also including:
 - Enhanced Weather Management Projects
 - Shoreline Sustainability Projects
- • **Reinforce/Enhance Water Supply Capacity** (Desal, Infiltration, Interties)
- • **Regional Water Reliability/Long-term sustainability**
 - Nutrients/ Wastewater/recycling
 - Conservation
- • **Health of the Bay and Creeks** (Water quality and biota)
- • **Sediment Management**
- • **Invasives Management**
- • **Riparian and Fisheries Restoration**
- • **Protection of Water Source Areas**

Attachment B Scoring Criteria

BAIRWM FACTORS	Factor 1	In Plan?	(Y/N)
		Goals/ Objectives	(1-3 pts) (Total of 200 points allocated among the 5 goals; 10 points per objective until 40 points maximum per goal [for Flood goal, 40 points if all objectives addressed]) - Tier into 3 categories: 1 pt 1-66, 2pt 67-123, 3 pts 124-200
	Factor 2	Readiness to Proceed	(1-3 pts) 1 – conceptual or early planning, 2 – in CEQA or final design phase, 3 – CEQA, all permitting complete, ready to proceed.
	Factor 3	Provides 25% match	(Y/N)
	Factor 4	Provides 2 Physical Benefits	(Y/N)
		Physical Benefits	(1-6) 1 - does not discuss benefits or evidence of minor benefits for project type 3- evidence of moderate benefits for project type 6 - evidence of high level of benefit for project type
	Factor 5	Benefit-Cost	(1- 3) 1- not discussed or B/C below 1 2- B/C between 1-3 3- B/C above 3
	Factor 6	Cash for Consultant	(Y/N)
	Factor 7	Collaboration	(1-3) 1 - does not discuss or only narrow collaboration 2 - moderate level of partners, some limitations to partnership 3 - broad collaboration appropriate to project type
	Factor 8	Degree of Integrated Benefits	(1-4 pts) 1- benefits in only one FA or resource area, 2 - benefits 2 FAs or resource areas, 3 - benefits in 3 FAs or resource areas, 4 - benefits in 4 FAs or resource areas
Factor 9	Proposal indicates scalability	(Y/N)	
Factor 10	Impact/Effect	(1-3) 1 - does not discuss or impact constrained to approx 1/3 of relevant part of region or less; no relevance to regional priorities 2- brings benefits to a significant proportion of relevant region (up to 2/3); somewhat relevant to regional priorities 3 - benefits large portions in nearly all of relevant region; highly relevant to regional priorities	
Eligibility		CASGEM	Proponent has groundwater monitoring authority? Has jurisdiction over a high or medium subbasin? Are those fully claimed?

Submittals-Content

- **Applicant Info:** Specify lead applicant organization and address, including a primary proposal contact name, email and phone. List names of any partnering organizations. Provide project location. Indicate whether project is adopted in BAIRWM plan. Indicate the project proponent's ability to help pay for the regional grant application.
- **Project Narrative:** Provide a description of the project including the general project concept, what will be constructed and/or implemented, and how the project will function. Detail how the project achieves multiple benefits. Discuss regional and/or sub-regional coordination. Also, discuss where the project provides benefits to a DAC.
- **Status and Timeline:** Be clear on when the overall project is scheduled to start and complete. Indicate status and start and completion timing for milestones such as design, CEQA and permitting, etc.
- **Project Need/Regional Priorities:** Describe the regional need(s) or problem(s) that the project will address. Address relevant regional priorities as applicable.
- **Project Benefits:** Describe the physical benefits of the project, where and how extensively the project's benefits will accrue, and provide a preliminary estimate of benefit/cost.
- **Project Costs:** Provide preliminary budget broken down by key project elements and include proposed and secured matching funding sources.
- **Plan Goals/Objectives:** Describe how the project helps achieve the Bay Area IRWMP goals and objectives.
- **Background documents:** Up to three additional documents may be uploaded to the website. You may include map(s) or photos that illustrate the site and areas of influence for the project.

III DWR Guidance- March 12,2015

<http://www.water.ca.gov/irwm/grants/p84implementation.cfm>

- Draft 2015 IRWM Guidelines
 - Eligible Projects

- Draft 2015 IRWM Implementation Grant PSP
 - Eligible Projects
 - Scoring
 - Cost Effectiveness

Note! Biggest changes **for** Drought Round and 2015 Round-

- 1) Less emphasis on Benefit /Cost ratio
 - Still quantify Physical Benefits-Do Not have to monetize now- Cost Effectiveness
- 1) Projects evaluated separately and averaged

2014 Drought Round Eligibility-PSP

- Provide immediate regional drought preparedness (See Table 1 of the 2014 IRWM Drought Guidelines for a definition of drought preparedness)
- Increase local water supply reliability and the delivery of safe drinking water
- Assist water suppliers and regions to implement conservation programs and measures that are not locally cost-effective
- Reduce water quality conflicts or ecosystem conflicts created by the drought

2015 Guidelines-Eligible Project

Types

- Water supply reliability, water conservation, and water use efficiency
- Stormwater capture, storage, clean-up, treatment, and management
- Removal of invasive non-native species, the creation and enhancement of wetlands, and the acquisition, protection, and restoration of open space and watershed lands
- Non-point source pollution reduction, management, and monitoring
- Groundwater recharge and management projects
- Contaminant and salt removal through reclamation, desalting, and other treatment technologies and conveyance of reclaimed water for distribution to users
- Water banking, exchange, reclamation, and improvement of water quality
- Planning and implementation of multipurpose flood management programs
- Watershed protection and management
- Drinking water treatment and distribution
- Ecosystem and fisheries restoration and protection

Schedule-Projects

- Start-Reimbursement date- January 1, 2015
- Completion date- October 31, 2020 (?)

DWR Scoring

- **Proposal Level-**
5 elements-7 points
- **Project Level**
18 Elements- 22 Points
- **Total** 29 points
- **Tie Breaker-** Program Preferences- 4 points

Proposal level

points

- Map -Project locations 1
- Summary Budget 1
- Summary schedule 1
- All projects complete by 10/31/2020 2
- Projects that meet human right to water policy* 2

*(safe, affordable water for drinking, bathing, sanitation, and cooking for all). The applicant will receive one point for each project, to a maximum of two points.

Project Scoring-max 22points

- Project Description 1
- Map 1
- Physical Benefits 1
- **Technical Analysis of benefits** 2
- Adverse impacts analysis 1
- **Long Term Drought Preparedness** 3
- **Direct Water benefit to DAC** 2
- Performance Monitoring Plan 1
- Least Cost Alternative Analysis 1
- Task descriptions 1
- Task % comp. in Workplan 1
- Listing of permits/ Env . Docs 1
- Budget Tasks=Workplan tasks 1
- Budget Costs reasonable? 1
- Schedule tasks=Workplan tasks 1
- Start- April 1, 2016 1
- Project complete by Oct. 31, 2019 (?) 1
- Detail in Workplan supports schedule 1

Cost Effective Analysis

Table 7 - Cost Effective Analysis

Project name: _____	
Question 1	Types of benefits provided as shown in Table 5
Question 2	Have alternative methods been considered to achieve the same types and amounts of physical benefits as the proposed project been identified?
	If no, why?
	If yes, list the methods (including the proposed project) and estimated costs.
Question 3	If the proposed project is not the least cost alternative, why is it the preferred alternative? Provide an explanation of any accomplishments of the proposed project that are different from the alternative project or methods.
Comments:	

Also

CASGEM-California Statewide
Groundwater Elevation Monitoring

IV Next Steps

- Bay Area
 - Review submittals
 - Request additional information for top projects
 - Identify best projects for 2015 submittal
 - Develop application
- North Bay
 - County meetings?