

San Francisco Bay Area Regional Priority Projects and Programs

Attachment 1. Authorization and Eligibility

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Authorizing Documentation

This proposal is submitted by the Bay Area Clean Water Agencies (BACWA). The BACWA Board of Directors adopted a resolution authorizing BACWA to submit this application and execute an agreement with the State of California for an Integrated Regional Water Management Implementation Grant on September 23, 2010. A copy of the adopted resolution is included at the end of this attachment.

Eligible Applicant Documentation

BACWA is a public Joint Powers Authority established in 1984 between the Central Contra Costa Sanitary District, the City and County of San Francisco Public Utilities Commission, the City of San Jose, the East Bay Dischargers Authority, and East Bay Municipal Utility District. As a Joint Powers Authority, BACWA has legal authority to enter into agreements with the State of California. BACWA will enter into agreements with each of the project proponents participating in this proposal prior to execution of the grant agreement with DWR to ensure performance and tracking of funds.

GWMP Compliance

The projects included in this proposal are not groundwater recharge or groundwater management focused projects and do not have any direct impacts to local groundwater sources.

Eligibility Criteria Including Compliance with CWC §83002.(b)(3)(B)

The projects included in this proposal are eligible for implementation grant funding:

- ✓ **The Region has been accepted.** The San Francisco Bay Area Region has been accepted through the Region Acceptance Process (RAP) and is listed in Table 1 (Round 1 Implementation Eligible IRWM Regions from the 2009 RAP Decisions) under the San Francisco Bay Funding Area.
- ✓ **The Region’s IRWMP was adopted prior to September 30, 2008.** The San Francisco Bay Area Integrated Regional Water Management Plan (IRWMP) was adopted in December 2006. If awarded an implementation grant, the Bay Area IRWM Coordinating Committee (CC), the regional water management group representing this region, will update the IRWMP within two years of the execution date of the agreement to meet the Plan standards contained within the

Guidelines and will undertake all reasonable and feasible efforts to account for the water-related needs of the disadvantaged communities (DACs) within the region.

- ✓ **The Projects included within this proposal yield multiple benefits and include elements listed on page 17 of the Guidelines.** The Project Eligibility Table below identifies the specific elements addressed by each Project.

Project	Elements included (pg. 17 of Guidelines)
Bay Area Regional Recycled Water Program	<ul style="list-style-type: none"> • Water supply reliability • Water reclamation
Bay Area Regional Water Conservation Program	<ul style="list-style-type: none"> • Water supply reliability, water conservation and water use efficiency
Bay Area Wetland Ecosystem Restoration Program	<ul style="list-style-type: none"> • Creation and enhancement of wetlands, and the acquisition, protection and restoration of open space and watershed lands • Implementation of multi-purpose flood management programs
Bay Area Regional Green Infrastructure Capacity Building Program	<ul style="list-style-type: none"> • Stormwater capture, storage, clean-up, treatment and management • Non-point source pollution reduction, management and monitoring • Improvement of water quality
Integrated Water Quality Improvement, Flood Management and Ecosystem Restoration in Bay Area Disadvantaged Communities	<ul style="list-style-type: none"> • Planning and implementation of multipurpose flood management programs • Improvement of water quality • Ecosystem and fisheries restoration and protection

Consistency with an adopted IRWM Plan

The projects included in this proposal are consistent with the San Francisco Bay Area IRWMP adopted on December 2006. As noted in the table below, the projects contained in this proposal were either part of the original IRWMP adopted in December 2006 or have been added to the Plan post adoption, in accordance with the procedures in the IRWMP and after being fully vetted by the Bay Area IRWM Coordinating Committee (CC) and its Project Screening Subcommittee.

Project	IRWMP Status	Consistency with IRWMP
Bay Area Regional Recycled Water Program	6 projects were included in the original plan, 3 new projects were added.	<p>The three new projects added to the IRWMP are:</p> <ul style="list-style-type: none"> ▪ DSRSD Central Dublin Recycled Water Distribution and Retrofit Project ▪ LGVSD/NMWD Novato South Service Area Stage 1 ▪ Napa SD Napa State Hospital Pipeline Construction Stage 1 <p>These projects were vetted and added by the CC because they further the Water Supply objectives and meet the regional goal of contributing to improved supply reliability</p>

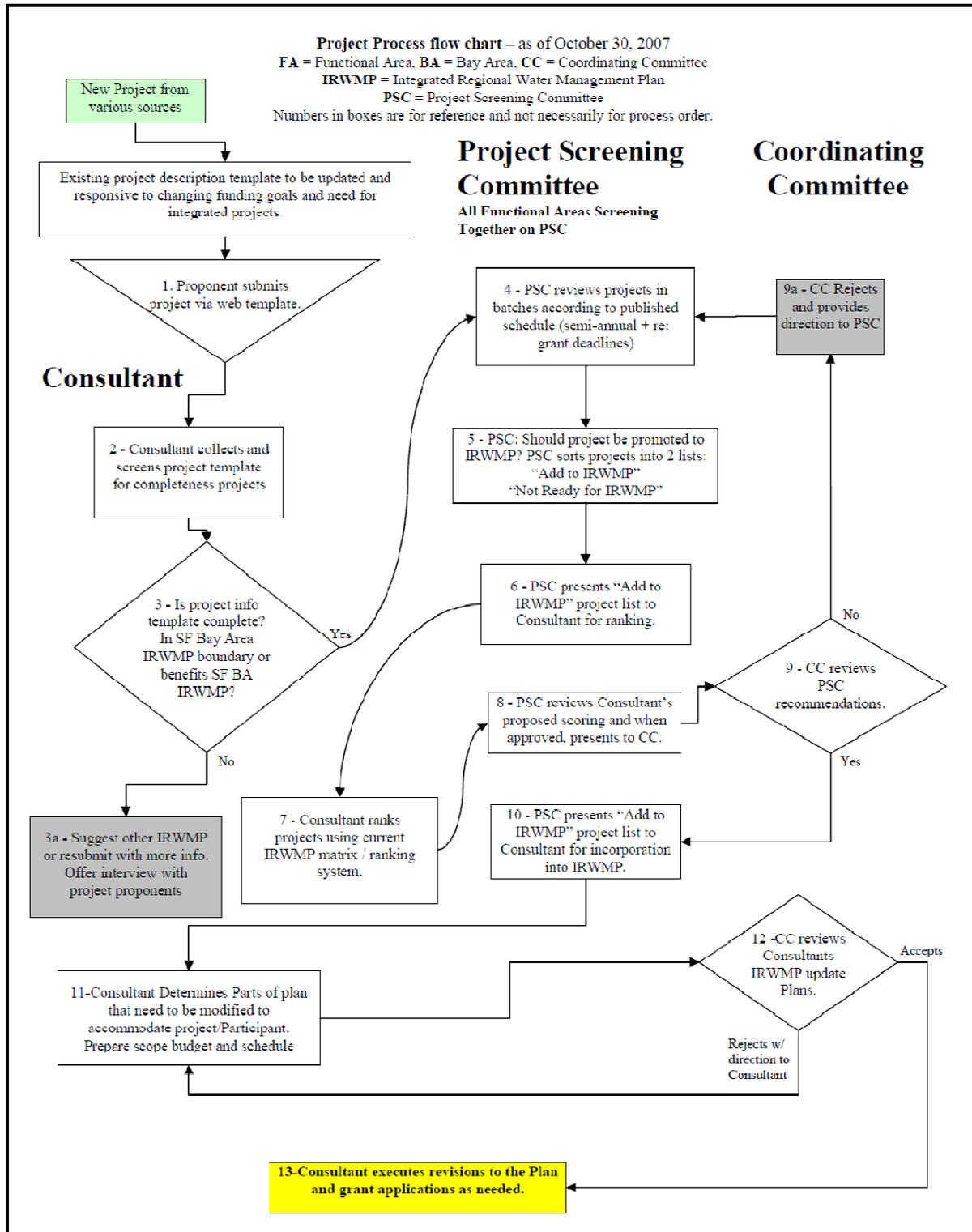
Project	IRWMP Status	Consistency with IRWMP
		in the IRWMP.
Bay Area Regional Water Conservation Program	The program was included in the Original Plan.	This program was part of the adopted IRWMP.
Bay Area Wetland Ecosystem Restoration Program	The 3 constituent projects were included in the Original Plan.	This program is a compilation of three of the highest priority wetland restoration projects included in the adopted IRWMP: Sears Point, Bair Island, and the South Bay Salt Ponds. The program as a whole was vetted and approved by the CC in its discussions of updates and additions to the Plan.
Bay Area Regional Green Infrastructure Capacity Building Program	Added Post Adoption	This program was vetted and approved by the CC because it furthers the Water Supply and Water Quality objectives and meets the regional goals of contributing to the promotion of environmental sustainability; improved supply reliability; improvement of the quality of water resources; protection of public safety and property; and the enhancement of environmental resources, in the IRWMP.
Integrated Water Quality Improvement, Flood Management and Ecosystem Restoration in Bay Area Disadvantaged Communities	Added Post Adoption	This program was vetted and approved by the CC because it furthers the Water Quality objectives and meets the regional goals of contributing to the promotion of economic, social, and environmental sustainability; protection and improvement of hydrologic function; protection and improvement of water quality; protection of public health, safety and property, creation and enhancement of environmental resources and habitats in the IRWMP, and additionally, this program provides benefits to Disadvantaged Communities (DACs) in the Bay Area.

Vetting and Approval Process

In anticipation of the Prop 84 grant funding opportunity, the Project Screening subcommittee of the CC solicited regional project descriptions for CC review, evaluation, and inclusion in the IRWMP. Projects were screened based on the process developed and agreed upon by the CC for IRWMP projects in November 2007, as shown in **Figure 1** on the following page.

With consensus from the CC, the new regional projects were approved for addition to the IRWMP on March 22, 2010. Following the first addition of projects, a second round of projects were evaluated and added to the IRWMP on November 22, 2010.

Figure 1: Bay Area IRWMP Project Process



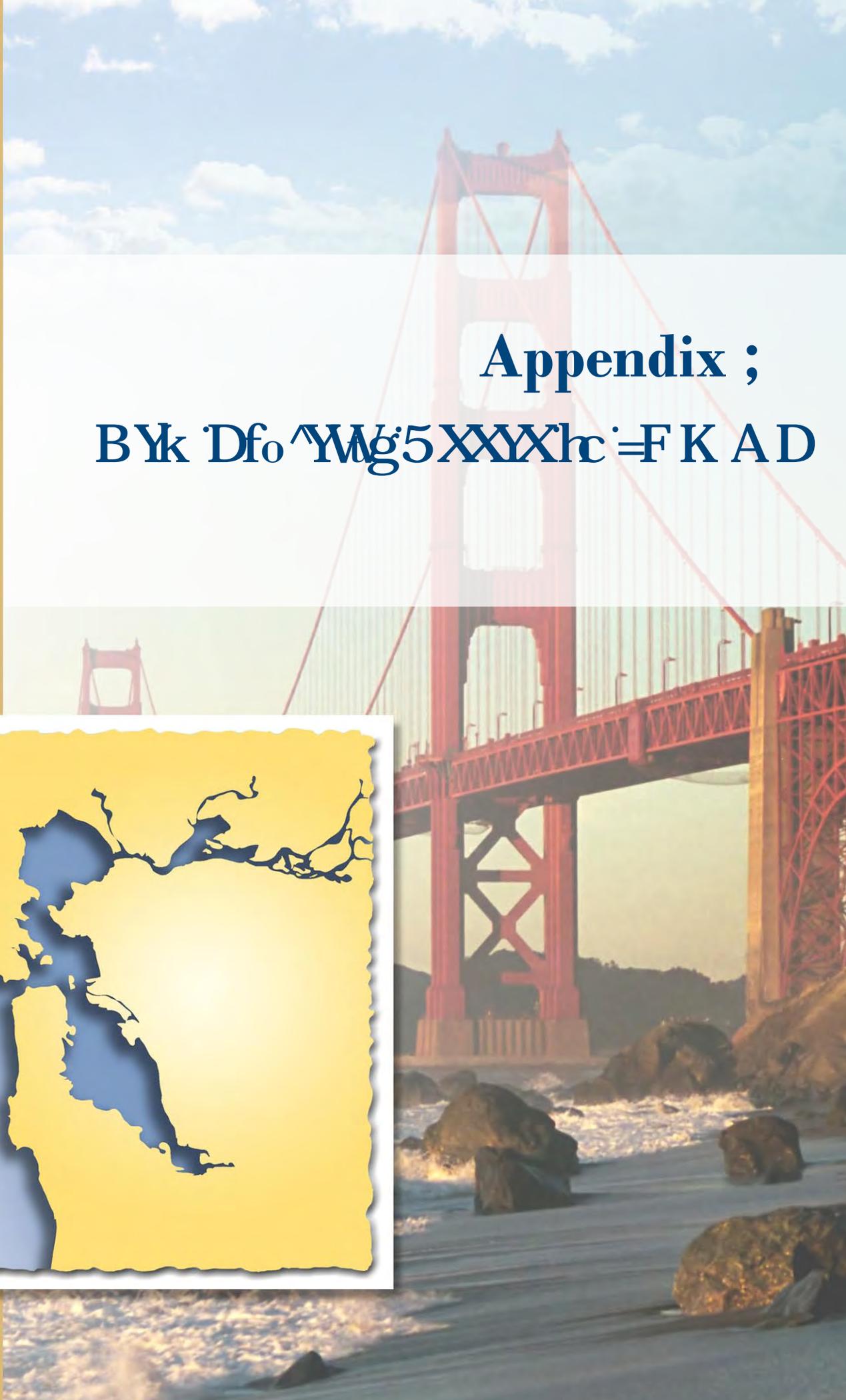
Additional Projects Documentation

Following Page 1-5 of this attachment is documentation for new projects added to the IRWMP, approved on March 22, 2010 and November 22, 2010 respectively. This document is an appendix added to the IRWMP adopted in December 2006.

Meeting minutes from the Bay Area IRWM Coordinating Committee (CC) meetings authorizing the addition of these projects are included as well.

Appendix ;

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Appendix G: New Projects Added to the IRWM Plan

Summary

On March 22, 2010, the Bay Area IRWMP Coordinating Committee (CC) agreed by consensus to add five (5) regional projects into the IRWM Plan. This appendix documents the addition of the five regional projects listed in **Table 1**.

Table 1: New Projects Added to the IRWM Plan

No.	Functional Area (FA)	Project Name (Lead Agency)
128	FP-SM	Regional Green Infrastructure Capacity Building Project (SFEP/ABAG)
129	WW-RW	Regional Water Recycling Outreach Project (SCVWD)
130	WM-HP&R	Disadvantaged Communities Watershed Program (SFEP/ABAG)
131	WM-HP&R	Evaluating Regional Ecosystem Restoration Using Steelhead Trout (CEMAR)
132	FP-SM	Flood and Waterways Infrastructure Analysis and Communication Tool (SFEI)

FP-SM: Flood Protection & Stormwater Management

WW-RW: Wastewater & Recycled Water

WM-HP&R: Watershed Management, Habitat Restoration & Protection

Background

In anticipation of upcoming grant funding opportunities, the Project Screening subcommittee of the CC solicited regional project descriptions for CC review, evaluation, and inclusion in the IRWMP. Projects were screened based on the process developed and agreed upon by the CC for IRWMP projects in November 2007, as shown in **Figure 1**.

A preliminary list of projects was circulated for consideration at the January 25, 2010 CC meeting. The CC decided by consensus to assess these five new regional projects based on the same assessment and evaluation criteria used to rank projects in the IRWM Plan as shown in Table ES-5: Project Assessment Results (pp. ES-20 to ES-25 in the IRWM Plan), facilitating comparison, evaluation and ranking of the new projects with the existing projects in the IRWMP.

New Projects Added to the IRWM Plan

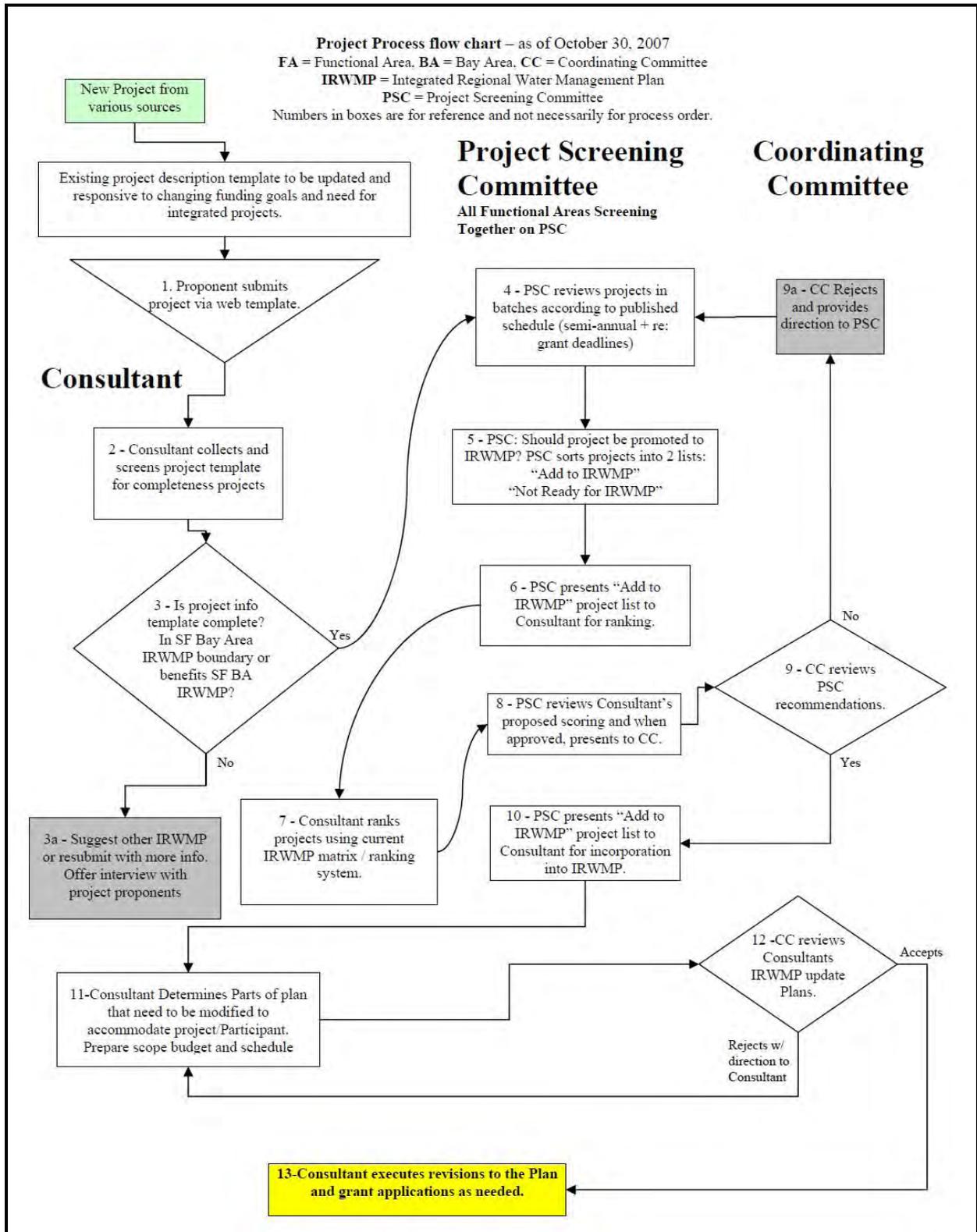
With consensus from the Bay Area IRWM Coordinating Committee (CC), the following five (5) regional projects shown in Table 1 were approved for addition to the IRWM Plan on March 22, 2010.

The Project Information section of this appendix provides project description, responsible agency and project partners for each project, as well as information pertaining to relevant sections of the IRWM Plan, including water management strategies addressed, purpose and need, integration, benefits and impacts, statewide priorities, environmental compliance, status and financing, stakeholder involvement and coordination, and feasibility.

The assessment results for the five projects are shown in **Table 2**.

Figure 2 presents the general locations of the five regional projects added into the IRWM Plan and the lead agency for the project. Individual project information and meeting notes documenting the Coordinating Committee's decision-making process in adding the five regional projects are included at the end of the document.

Figure 1: Bay Area IRWMP Project Process



Project Number	Project Name	Bay Area IRWMP Regional Goals							Bay Area Regional Assessment Criteria					Prop 50 Program Preferences					Prop 50 Statewide Priorities						
		Sustainability	Supply Reliability	Hydrologic Function	Water Quality - Drinking Water	Water Quality - Receiving Water	Env. Resources	Public Health, Safety, Property	Funding Match	Regionalism	Partnerships	Meets Objective of Multiple FADs	Integration	Supply Reliability	Water Quality	Pollution to Habitat	DAC Benefits	Reduce Conflict	TMDL	WMI	NPS Pollution Control	Bay/Delta Water Quality	Task Forces	Env. Justice	CALFED Goals
128	Regional Green Infrastructure Capacity Building Project	●	○	○	●	●	●	●	●	●	●	●	○	●	●	●	○	○	●	●	●	●	●	●	
129	Regional Water Recycling Outreach Project	●	●	○	○	○	○	●	●	●	●	●	●	○	○	○	○	○	○	○	○	○	●	●	
130	Disadvantaged Communities Watershed Program	●	○	○	○	○	○	●	●	●	●	●	○	○	●	●	○	○	●	○	○	○	●	●	
131	Evaluating Regional Ecosystem Restoration Using Steelhead Trout	○	○	○	○	●	○	●	●	●	●	●	○	●	●	○	○	○	●	○	○	○	●	●	
132	Flood and Waterways Infrastructure Analysis and Communication Tool	○	○	○	○	○	●	●	●	●	●	●	○	○	○	○	○	○	○	○	○	○	○	○	

New Projects Added to IRWMP Index

Number	Project Name
128	Regional Green Infrastructure Capacity Building Project (SFEP/ABAG)
129	Regional Water Recycling Outreach Project (SCVWD)
130	Disadvantaged Communities Watershed Program (SFEP/ABAG)
131	Evaluating Regional Ecosystem Restoration Using Steelhead Trout (CEMAR)
132	Flood and Waterways Infrastructure Analysis and Communication Tool (SFEI)

Notes:
 On March 22, 2010, the Bay Area IRWMP Coordinating Committee (CC) agreed by consensus to add the above five new regional projects into the IRWM Plan.



FINAL

Bay Area IRWMP Coordinating Committee

Agreements and Action Items from March 22, 2010 Meeting

1. Roll Call—Appointed FA representatives present

WS-WQ	WW-RW	FP-SW	Watershed	Other
Molly Petrick, SFPUC	Brian Campbell, EBMUD	Mark Boucher, CCCFCD; Brian Mendenhall, SCVWD	Harry Seraydarian, NBWA; Jennifer Krebs, SFEP; Melanie Denninger, SCC	Paul Helliker, Chair, MMWD; Nadine Hitchcock, Vice- Chair, SCC

Others present:

Mitch Avalon (CCCFCD)
Jack Betourne (NCFWCD)
Chris Choo (MCFCWCD)
Craig Conner (USACE, SF District)
Patrick Costello (City of Napa)
Theresa Eade (StopWaste.org)
Thomasin Grim (MMWD)
Cynthia Havstad (StopWaste.org)
Dale Hopkins (SF Bay RWQCB)
Carol Mahoney (Zone 7 Water)
Glenn Moeller (DWR-NCRO)
Carl Morrison (Morrison Assoc/SCWA, Zone 7)
Rolf Ohlemutz (VSFCD)
Joanne Siew (RMC)
Christy Spector (DWR)
Gary Wolff (StopWaste.org)

2. Review Agreements/Action Items from January 25, 2010 meeting (Discussion, led by CC)

- The draft letter prepared by Ann Riley, from the CC to the Senator Boxer regarding the Boxer-Kerry Climate Bill was circulated to the CC for comments. The CC agreed that it would be worthwhile for the Bay Area CC to show support for climate change legislation. Nadine Hitchcock will make edits to and finalize the letter, for Paul Helliker to sign off and send to Senator Boxer. It was noted that the title for Nancy Pelosi should be updated to “Speaker”.

Action Item(s)

- Nadine to edit letter and Paul to sign off and send letter to Senator Boxer.

3. Update – Planning & Process Subcommittee (Discussion, led by PnP)

- DWR staff Christy Spector and Glenn Moeller provided an update on the recently released Prop 84/1E guidelines and PSPs, noting that agencies should pay attention to

the Plan standards, Statewide Priorities and integration of Statewide Priorities into their projects.

- With regards to the climate change criteria in the Prop 84/1E guidelines, grantees must enter into an agreement with DWR to update their IRWM plans to the IRWP Standards within 2 years of entering into an agreement with DWR. This includes the Climate Change standard.
- Comments on the PSPs are due to DWR on April 23, at 5 pm.

DWR Update

- Christy indicated that DWR is likely to post the final Prop 50 Supplemental and Local Groundwater Assistance (LGA) PSPs in the next two weeks.
- The application may be extended to a period longer than the 21 days as stated in the draft PSP, but the time period is dependent on other factors and it has not been finalized by DWR management to date.
- Brian Campbell noted that a longer application period (~45 days or more) would work better for the Bay Area CC since meetings typically only occur once a month. Christy suggested that this point be included in comments to DWR on the PSPs.
- Melanie Denninger questioned if DWR would be able to spend the encumbered funds immediately after implementation of the program, or would an additional level of approval from the State be required. Jennifer Krebs added that it would be useful for DWR to provide an update on the funding status/funding availability timeline for agencies to plan ahead.

Schedule for comments to DWR on released guidelines and PSPs

- Thomasin Grim provided a summary of the schedule to the CC (shown below). She added that in addition to the volunteer reviewers, everyone involved in the Bay Area CC should read the guidelines and send their comments (if any) to her by April 6.

Action	Deadline	Responsible Party
PnP/PSC to inform and request for CC to take action adding projects to the IRWM Plan.	March 22	PnP/PSC
Volunteer reviewers to send consolidated comments to Thomasin.	April 6	Volunteer reviewers: <ul style="list-style-type: none"> • IRWM Grant Program Guidelines for Prop 84 and 1E (Thomasin, Tracy) • PSP – Prop 84 IRWM Planning Grants (Jennifer, Melanie) • PSP – Prop 84 IRWM Implementation Grants (Brian, Carl) • PSP – 1E IRWM Storm Water Flood Management Grants (Mark, Carol)
Consolidate comments from the PSPs and guidance and draft letter of comments to DWR. Email letter to PSC/PnP for review.	April 9	Thomasin Grim
Finalize draft letter of comments and email to the CC for review and consensus.	April 16	Thomasin Grim
Sign off letter of comments and send letter to DWR.	April 23	Paul Helliker

Comparison of previous Prop 50 and Prop 84 Guidelines

- Christy Spector noted to the CC that DWR has not and is not planning to develop a comparison document for the Prop 50 vs Prop 84 guidelines, but a document comparing Plan standards under Prop 50 against Prop 84 was produced before the RAP. The link to the document is as follows:
<http://www.water.ca.gov/irwm/docs/prop84/Stdhandout.pdf>

Economic Cost-Benefit Analysis required for Prop 84/1E Programs

- There was discussion on the high level of detail required for the economic analysis of costs and benefits, and CC members noted that this could prove difficult for certain projects (e.g. smaller-scale projects or projects proposed by non-profits/DACs that may not have the resources to conduct a full-scale economic analysis).
- Christy Spector and Glenn Moeller explained that the economic requirement section in the guidelines was prepared by economists which explained the specificity of the section. However, they noted that project proponents should try to address requirements which are relevant to them, and provide explanation or justification where the information requested is not available or relevant.

Streamline Funding Coordination Process

- Paul Helliker queried if there are provisions written in the guidelines to streamline the project coordination/funding allocation process for regions which coincide with the whole funding area (e.g. the Bay Area) vs regions that are part of a larger funding area and are competitive? Glenn Moeller indicated that the guidelines do not include language explaining the difference, and suggested for the CC to highlight this in comments to DWR.

Prop 1E Stormwater Flood Management Grant Program

- Eligible projects must be consistent with an adopted IRWM Plan (that is the project is included as an implementation project for the IRWMP Plan, or the project has been added to the IRWM Plan implementation list after adoption, but in accordance with the procedures in the adopted Plan).
- A total of \$212 million is available on a competitive basis Statewide.
- Jennifer Krebs noted that since this is a Statewide competitive grant, it is anticipated that a high volume of project proposals would be submitted from the Bay Area through the CC. Nadine Hitchcock agreed that the CC needs to be cognizant of this and needs to plan ahead on how it would want to coordinate/manage the project submittal process.
- Molly Petrick noted that Prop 1E has different criteria from Prop 50, which was the criteria that projects in the current IRWM Plan were scored against. She queried if new projects that were submitted for Prop 1E would need to be scored against Prop 50 and Prop 84 criteria as well to be included in the Plan. Nadine Hitchcock suggested that perhaps 2 types of ranking need to be implemented: one for Prop 84 IRWM and one for Prop 1E.
- Carol Mahoney suggested that the subregional process be initiated to check in with agencies on their plans for proposed projects under Prop 1E.
- Nadine Hitchcock suggested that the CC could implement a project screening fee for project proponents to cover the costs of hiring a third-party consultant to score the project.
- Harry Seraydarian questioned how much effort should be put into developing Prop 1E projects when there is no allocation of funds to regions – Christy Spector suggested this should be included as a comment to DWR on the guidelines.
- Paul Helliker noted that the CC (via PSC and/or FC/SW FA) should focus on how Prop 1E projects will be included in the Plan, and how that process should be managed. Brian Campbell suggested that Mark Boucher and Carol Mahoney evaluate ways of adding projects to the Plan as part of their review of the Prop 1E guidelines/PSP. Melanie Denninger seconded his suggestion.

- Melanie added that the Bay Area CC may want to coordinate with other regions as well on comments to DWR regarding the guidelines/PSPs.

Funding Match

- For proposals containing multiple projects, the funding match is based on the total of the proposal.
- For IRWM Planning grants, the minimum funding match is 50% of the total project cost. For IRWM Implementation grants, the minimum funding match is 25%. (For IRWM implementation projects that address a critical water supply or water quality need for a disadvantaged community (DAC) and are seeking Proposition 84 funds, funding match may be waived).
- For the Proposition 1E SWFM funding, a cost-share minimum of 50% is required.
- Christy Spector noted that for Prop 84 IRWM, the \$100 million for interregional projects have already been allocated to Statewide Priorities – Delta Plan (appropriates funding from Prop 84 to fund the Two-Gates Fish Protection Demonstration Program).

General Comments and Next Steps

- Brian Campbell noted that the new projects will have to be added into the IRWM Plan and be consistent with Plan standards in order for them to be eligible for Prop 50 Supplemental/Prop 84/Prop 1E.
- Nadine Hitchcock suggested that the CC explore the need to create a funding subcommittee to deal with funding coordination and other strategic issues for the Bay Area.
- Paul Helliker noted that project proponents will be preparing their own applications for the next round of funding (i.e. Prop 50 Supplemental, Prop 84 and Prop 1E), and would be responsible for cost of preparing project applications.

Action Item(s)

- See table on Page 2 for action items and responsibilities.

4. Update – Project Screening Subcommittee (Action, led by PSC)

Selection of Projects for Prop 50 Supplemental Funding

- Brian Campbell provided an update on the March 11 PSC meeting.
- The PSC's recommendation from the March 11 meeting was to prioritize projects based on their scoring. The ranking of the new projects (conducted by RMC) is as follows:
 - 1 Regional Green Infrastructure Project (new project)
 - 2 South Bay Advanced Recycled Water Treatment Plant RO Facility (existing partially-funded project)
 - 3 Disadvantaged Communities Watershed Program (new project)
 - 4 Mercury and PCB Risk Reduction Project (existing updated project)
 - 5 Evaluate Regional Ecosystem Restoration Using Steelhead Trout (new project)
- Regarding the Drought Relief and Water Conservation Innovation Project, Brian noted that this was initially a menu-approach project that was proposed for Prop 84 funding, but scaling down the project for Prop 50 Supplemental would mean that the project would be reduced in flexibility for agencies and its effectiveness, therefore it is not included in the list of projects for Prop 50 Supplemental but is still considered for Prop 84.
- Brian noted that Jennifer Krebs will be providing more detailed information on the Regional Green Infrastructure Project.
- Harry Seraydarian highlighted although the “Evaluate Regional Ecosystem Restoration Using Steelhead Trout” project scored lower than the “Mercury and PCB Risk Reduction” project, the scores were very close and many agencies have already signed agreements for recovery plans, making it easier to implement the former project.

- Chris Choo suggested that existing partially-funded projects may fare better for Prop 50 Supplemental since they have already set up the process for funding the project application and receiving funds from DWR. Brian Mendenhall was concerned that this would limit projects to only 2 functional areas.

CC Decisions

- The CC agreed by consensus that not more than 6 projects should be included in the list of proposed projects for Prop 50 Supplemental in view of the amount of money available and the associated administrative costs for each project.
- The CC agreed on the following list of 6 projects:
 - 1 Regional Green Infrastructure Project (new project)
 - 2 South Bay Advanced Recycled Water Treatment Plant RO Facility (existing partially-funded project)
 - 3 Disadvantaged Communities Watershed Program (new project)
 - 4 Mercury and PCB Risk Reduction Project (existing updated project)
 - 5 Evaluate Regional Ecosystem Restoration Using Steelhead Trout (new project)
 - 6 NMWD Recycled Water Project – Phase 2 (existing partially-funded project)
- ~~The PSC will confirm the six candidate projects, project costs and project information with project proponents, and initiate the process of adding these projects to the IRWM Plan.~~
- The CC agreed that the five new projects that were scored would be added into the IRWM Plan. There are two new projects that are not on the list of the six selected projects for the Prop 50 Supplemental PSP Funding: N4 – Regional Water Recycling Outreach Project and N8 – Flood and Waterways Infrastructure Analysis and Communication Tool. However, the inclusion of these projects in the IRWM Plan will ensure that they are eligible for Prop 84 and 1E opportunities.
- The CC also agreed by consensus not to implement the subregional process for Prop 50 Supplemental given the short timeline and limited amount of funding available. However, Paul Helliker noted that subregional leads should be starting the process for Prop 84.

5. Announcements (Information, led by CC)

- Melanie Denninger noted that funding for RMC support is running low and additional funds are needed to augment the budget.
- Paul Helliker reported that BAWAC indicated that they would be willing to make new contributions when the scope of work is made available to BAWAC for review.
- Mitch Avalon reported that BAFPA is currently conducting negotiations on new contributions and estimated it would take between 1-2 months to approve and disburse funds.
- Nadine Hitchcock reported that although the Coastal Conservancy may receive an allocation for new projects, it will not be available within the short-term.
- Paul Helliker noted that agencies should be prepared to state their funding commitments for Bay Area IRWMP support at the next CC meeting, scheduled for April 26, 2010.
- Harry Seraydarian announced that the 2010 North Bay Watershed Conference – Greening our Water Infrastructure will be held on April 9, 2010.
(<http://nbwatershed.org/pages/2010conf.php>)

Action Item(s)

- Paul Helliker to scope out tasks for next phase of work for the Bay Area IRWMP.
- Mark Boucher to scope out tasks for developing project database on Bay Area IRWMP website and provide input to Paul.

6. Agenda Items for the next CC meeting

- The next CC meeting is scheduled for April 26, 2010.
- Potential agenda items include:

- Update on comments to DWR on guidelines and PSPs.
- Update on Prop 50 Supplemental Funding PSP status.

Appendix G: New Projects Added to the IRWM Plan (as of November 22, 2010)

Summary

On November 22, 2010, the Bay Area IRWMP Coordinating Committee (CC) agreed by consensus to add five (5) regional projects into the IRWM Plan. This appendix documents the addition of the five regional projects listed in **Table 1**.

Table 1: New Projects Added to the IRWM Plan

No.	Functional Area (FA)	Project Name (Lead Agency)
133	WW-RW	Central Dublin Recycled Water Distribution and Retrofit Project
134	WW-RW	Novato South Service Area – Hamilton Field – Stage I
135	WW-RW	Miliken-Sarco-Tulocay (MST) Area Project – NSH Pipeline Construction Project
136	WM-HP&R	Bay Area Wetland Ecosystem Restoration Program
137	FP-SM	Regional Green Infrastructure Capacity Building Project – Sonoma Valley
138	FP-SM	Regionalizing Bay Friendly Landscaping for Low Impact Development, Water Conservation & Pesticide Pollution Prevention

FP-SM: Flood Protection & Stormwater Management

WW-RW: Wastewater & Recycled Water

WM-HP&R: Watershed Management, Habitat Restoration & Protection

Background

In anticipation of upcoming Proposition 84 Implementation Round 1 grant funding opportunities, the Project Screening subcommittee of the CC solicited regional project descriptions for CC review, evaluation, and inclusion in the IRWMP. Projects were screened based on the process developed and agreed upon by the CC for IRWMP projects in November 2007, as shown in **Figure 1**.

The key indicators used for evaluating the projects for addition into the IRWM Plan are summarized as follows.

- Project eligibility and readiness
- Alignment of project goals and objectives with IRWM Plan goals and objectives (e.g. regional collaboration)
- Ability of project to meet Prop 84 Program Preferences
- Project effectiveness (e.g. extent of benefits, costs vs benefits)
- Project need/urgency

Details of the evaluation process are included in the attached Project Screening subcommittee meeting minutes.

A preliminary list of projects was developed at the Project Screening subcommittee meeting on September 21, 2010 (see attached meeting minutes). This list was further refined at the following Project Screening Subcommittee meetings on September 30, October 7 and October 14, 2010.

At the October 25 Coordinating Committee meeting, the CC discussed the addition of these new projects into the IRWM Plan and agreed on the documentation required for the new projects to be added into the IRWM Plan: a cover page summarizing the evaluation and addition process, followed by summary descriptions of the new projects to be added. The CC agreed that these new projects would not be scored using existing criteria in the IRWM Plan, since they are based in part on Prop 50 program preferences and do not reflect the latest Prop 84 program preferences. These projects will be scored during the Plan update.

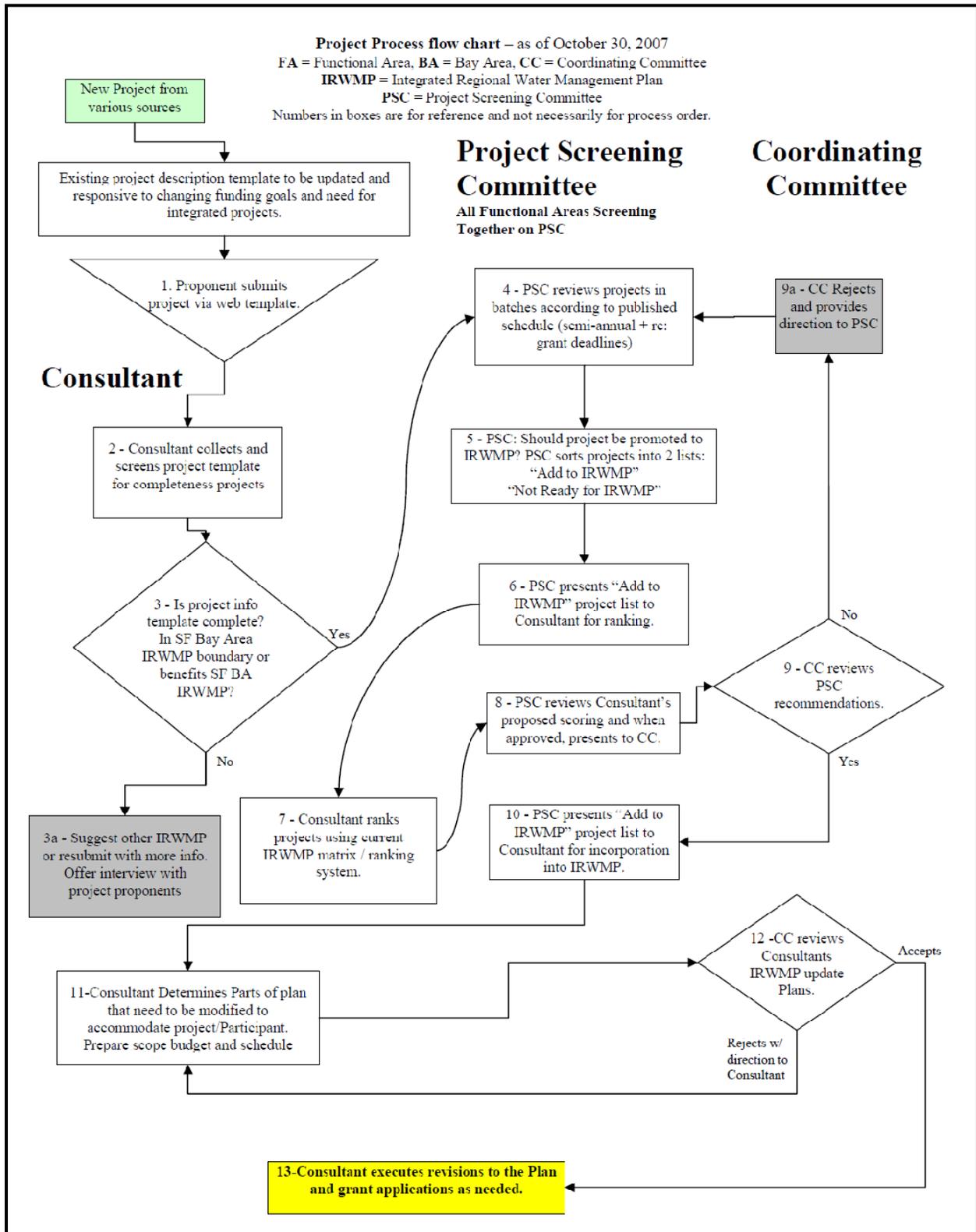
New Projects Added to the IRWM Plan in November 22, 2010.

With consensus from the Bay Area IRWM Coordinating Committee (CC), the following six (6) regional projects shown in Table 1 were approved for addition to the IRWM Plan on November 22, 2010.

The following attachments are included:

1. Project Summary Information
2. Meeting minutes from Project Screening Subcommittee meetings documenting project evaluation process
3. Meeting minutes from the Coordinating Committee meeting documenting discussion to add projects into the IRWM Plan

Figure 1: Bay Area IRWMP Project Process



Project Name: 133. Central Dublin Recycled Water Distribution and Retrofit Project**Summary Description:**

This project involves installation of 4 miles of recycled water pipeline and retrofit of 5 schools, 3 parks, and multi-family residential. This project will provide 215 AF/yr of recycled water, thereby offsetting the use of potable water.

Responsible Agency:

Dublin San Ramon Services District

Project Location:

City of Dublin, Alameda County

Total Project Cost:

\$4,600,000

Requested Prop 84 Grant Funding:

\$663,000

Project Name: 134. Novato South Service Area - Hamilton Field - Stage I**Summary Description:**

Service to the Hamilton Field area would be established through implementation of a 0.7 mgd tertiary treatment upgrade at the existing LGVSD WWTP or expansion of an existing tertiary treatment facility, construction of a new booster pump station onsite, and construction by NMWD of a pipeline distribution system from the LGVSD WWTP north to serve the Hamilton Field area. This system would consist of a loop along South Oakwood Drive and Casa Grande Drive, pipeline along Hangar Avenue to South Palm Drive, and pipeline on Palm Drive. Recycled water storage would be provided by retrofit of the existing 0.5-million gallon (MG) Reservoir Hill Tank.

To provide the additional 0.7 mgd treatment capacity, new tertiary facilities or an expanded tertiary treatment facility would be constructed within the fence line of the existing LGVSD WWTP. NMWD would construct a pipeline from the LGVSD WWTP towards the Hamilton Field area along the following route. This route would consist of approximately 2.15 miles of pipeline that would originate at the LGVSD WWTP and extend north through grazing land. The alignment would turn west along St. Vincent's Drive then north adjacent to the Northwest Pacific Railroad (NWPRR) right-of-way. The alignment would then connect to the Coast Guard Housing Distribution Loop.

Responsible Agency:

Las Gallinas Valley Sanitary District/North Marin Water District (North Bay Water Reuse Authority)

Project Location:

Novato Area, Marin County

Total Project Cost:

\$8,729,300

Requested Prop 84 Grant Funding:

\$300,000

Project Name: 135. Miliken-Sarco-Tulocay (MST) Area Project - NSH Pipeline Construction Project**Summary Description:**

This project will construct 6,100 linear feet of 24 inch recycled water pipeline from the current terminus at Napa Valley College through the Napa State Hospital (NSH). The MST project will begin at the terminus of this pipeline.

Responsible Agency:

Napa Sanitation District (North Bay Water Reuse Authority)

Project Location:

Napa, Napa County

Total Project Cost:

\$4,100,000

Requested Prop 84 Grant Funding:

\$300,000

Project Name: 136. Bay Area Wetland Ecosystem Restoration Program**Summary Description:**

The Bay Area Wetland Ecosystem Restoration Program (WERP) consists of a suite of restoration construction projects located on the bay shoreline of 3 counties. Each of the projects will carry out ecosystem restoration of degraded tidal wetlands and also address climate change response, flood management, and protection and improvement of surface water quality and will provide public recreation opportunities. Individually and collectively, the WERP projects will implement regional goals and objectives of the Bay Area IRWM Plan, the San Francisco Bay Comprehensive Conservation and Management Strategy, the Basin Plan, the Baylands Ecosystem Habitat Goals, the Tidal Wetland Recovery Plan of the U.S. Fish and Wildlife Service (USFWS), the San Francisco Bay Joint Venture Implementation Strategy and BCDC's Sea Level Rise Strategy for the San Francisco Bay Region. The proposed projects are at Sears Point in Sonoma County, Bair Island in San Mateo County, and South Bay Salt Pond A-16/17 in Santa Clara County. Each project is at an advanced stage of readiness, with CEQA completed for Bair Island and the South Bay Salt Ponds and Sears Point CEQA scheduled for completion in January 2011; property interests secured; construction and management lead agencies identified; and a large portion of the funding assembled. In addition to State funding from multiple sources, the USFWS is project sponsor at Bair Island and Sears Point, ensuring a federal match, and a federal appropriations request is pending for Pond A-16/17. The Bair Island project also has substantial local funding. The total amount requested for WERP in the Department of Water Resources' (DWR's) Prop 84 IRWMP Round 1 proposal is \$2 million if \$15,000,000 is available for the Bay Area, or \$3.75 million if \$30,000,000 becomes available.

Responsible Agency:

State Coastal Conservancy

Project Location:

Sonoma County, San Mateo County, Santa Clara County

Total Project Cost:

\$29,177,139

Requested Prop 84 Grant Funding:

\$3,725,000

Project Name: 137. Regional Green Infrastructure Capacity Building Project – Sonoma Valley**Summary Description:**

The Regional Green Infrastructure Capacity Building Project is designed to implement multi-benefit projects that will provide storm water detention, rainwater harvesting, offsets of potable water demand and groundwater recharge, while maximizing opportunities for flood control, water quality enhancement, and potential open space benefits. The project partners propose to implement two components in Sonoma Valley which will provide multiple benefits, including flood control, rainwater harvesting and reuse, and groundwater recharge. The two components are: 1) Water-Wise Community Gardens and Rainwater Harvesting Project; and 2) The Sonoma Creek Kenwood Reach Flood Hazard Reduction and Groundwater Recharge Enhancement Project. The project components are intended to serve as demonstrations for other property owners, including parks and schools, in Sonoma County to develop similar projects. The proposed components have been selected to represent: (1) relatively small-scale projects which could be implemented by individual property owners with limited design and permitting requirements; and (2) a larger-scale project which would require coordination of multiple property owners and public entities.

Responsible Agency:

Sonoma County Water Agency (SCWA)

Project Location:

Sonoma County

Total Project Cost:Water-Wise Community Gardens and Rainwater Harvesting Project

- Cost: Estimated costs for the design, purchase, installation, maintenance and monitoring of the rainwater harvesting system are approximately \$140,000.
- Operation and Maintenance costs: \$5,000 and volunteer labor
- Base Year for Costs: 2010
- Beneficiaries: Beneficiaries include the City of Sonoma and users and patrons of the Sonoma Community Center, Regional Parks and children and parents attending the schools in the region.

- Funding options: Match funding of \$32,000 for the design and installation of the water-wise garden provided by the City of Sonoma and SCWA and in-kind labor through Master Gardeners Program and other volunteers.
- Ongoing support, financing for O&M: \$5,000 per year provided by Master Gardeners and Sonoma Community Center, volunteer labor, regional parks, and the school districts.

Sonoma Creek Kenwood Reach Flood Hazard Reduction and Groundwater Recharge Enhancement Project

- Cost: Estimated costs for the detailed design, construction, maintenance and monitoring of the project are expected to range from approximately \$650,000 to \$1,150,000
- Operation and Maintenance costs: \$5,000-\$10,000 in match funding provided by SCWA to perform on-going stream maintenance
- Base Year for Costs: 2010
- Beneficiaries: Community members in Sonoma Valley who would be potentially subject to flooding and have associated damage to property and further groundwater level declines if the project were not implemented.
- Funding options: Match funding for the project includes: (1) \$144,995 funded by SCWA for the ongoing assessment and development of a conceptual mitigation design for the project; and (2) \$250,000 from SCWA for an upcoming strategic planning project for stormwater detention/groundwater recharge projects, which is intended to identify locations, strategies and costs for regional-scale projects in the Sonoma Valley and Petaluma watersheds and is anticipated to begin in Spring/Summer 2010.
- Ongoing support, financing for O&M: \$5,000-\$10,000 provided by SCWA as in-kind services.

Project Name: 138. Regionalizing Bay Friendly Landscaping for Low Impact Development, Water Conservation & Pesticide Pollution Prevention

Summary Description:

Bay-Friendly Landscaping & Gardening is a whole systems approach to the design, construction, and maintenance of landscapes that contribute to the health of the San Francisco Bay watershed. Bay-Friendly principles and practices integrate Low Impact Design (LID), into a broader, sustainable, watershed approach to landscaping that protects water quality (by promoting Integrated Pest Management, minimizing pesticide use) and air quality, and conserves energy, water, soil and other valuable resources. Modeled after StopWaste.Org's successful Green Point Rated Homes, Bay-Friendly extends green building principles to the area outside the building, as well as to greenbelts and parks.

Responsible Agency:

Alameda County Waste Management Authority and Alameda County Source Reduction and Recycling Board (StopWaste.org)

Project Location:

San Francisco Bay Area Region

Total Project Cost:

\$3,263,854 (in 2008 dollars)

Bay Area IRWMP Project Screening Committee

09/21/10 Meeting Notes

1. Attendees:
 - a. In person – Matt Gerhart (SCC), Melanie Denniger (SCC), Harry Seraydarian (NBWA), Thomasin Grim (MMWD), Brian Campbell (EBMUD), Brian Mendenhall (SCVWD), Carol Mahoney (Zone 7), Robyn Navarra (Zone 7), Carl Morrison, Jennifer Krebs (SFEP), Teresa Eade (StopWate.org), Kevin Booker (SCWA), Mark Boucher (CCWCFCD), ? (Las Galinas SD), Dale Hopkins (RWQCB), other?
 - b. By phone – Susan Wright (CA Native Garden Fdn), Marie Valmores (CCWD), Deborah Elliott (Napa Co.), other?

2. Preliminary Discussions
 - a. Overall Schedule was reviewed (Attach 4 from 8/23 CC Mtg)
 - b. Program Preferences and related Notes, distributed by Melanie D, were briefly discussed and considered relevant to Agenda item 4 .
 - c. Lessons learned from the DWR evaluation for the Prop 50 supplemental grant round were also considered relevant to Agenda Item 4

3. Review of Projects for eligibility and readiness
 - a. Regional Water Conservation Proposal
 - i. Updated summary was presented. This consists of 5-6 rebate elements (outdoor & indoor), an education and training element (StopWaste.org), and a regional outdoor landscape calculator element.
 - ii. Grant request is approximately \$6.5 million, match \$7M.
 - iii. A couple of recent e-mail requests for additional or modified elements (low income lawn conversion) and a CCWD industrial recycle water use will be evaluated and determine on whether to proceed with these projects in this grant round. This will be handled by the Conservation group.
 - iv. The net yield of this project is estimated at 27,000 acre feet.
 - v. Whether there is a component that can be considered a Disadvantaged Community component (maybe in SF) will be investigated further.
 - b. Regional Recycling
 - i. The BACWA Recycled Water Committee would like recycled water considered as a high priority for the grant proposal.
 - ii. An updated list of recycle water projects from the 2006 Functional Area document is posted with projects in each sub-region. West has 1 project in SF, East - 4 projects, North – 13 projects, South – 30+ projects.
 - iii. The RW Committee will check to see if all project proponents in 2006 document were contacted recently to ascertain status/interest.

- iv. Many of the match amounts are much higher than the 25% minimum (i.e. 75% of more) and that is one factor to consider under agenda item 4.
 - v. The RW Committee was requested to develop a \$6+/- million specific list for further consideration for a \$15 million proposal. This list could be more expansive with the understanding that such additional amounts would only be considered as part of the \$30 million grant request.
 - vi. Not all the listed projects are currently in the IRWMP and that would be one logistical issue to tackle if one of those was proposed for short list.
- c. Regional Green Infrastructure
- i. Jennifer K (SFEP) presented an updated project description that covers 10 different elements with at least one in each sub-region.
 - ii. The project is intended to serve as more of a model or catalyst for future efforts and is not directly comparable to the two prior projects reviewed.
 - iii. The total grant request is \$10.9M with \$7.9 million in matching.
 - iv. Jennifer requested volunteers to help her continue to work on the project and narrow down the final list of components.
- d. Floodplain needs assessment and mapping
- i. Additional follow up with SFEI (sponsor) and interested parties (BAFPAA) is planned to refine the precise scope.
 - ii. Tentative grant request is \$750k with a \$250k match.
 - iii. Some element of this may also be eligible as a planning grant item
- e. Disadvantaged Communities Watershed Program
- i. Four elements are a part of project - Marin City, North Richmond, Pescadero and San Francisquito Creek. Capacity building, project development and stream curves all included in this project.
 - ii. Grant Request is \$1.2 million. The proposed match is \$650k.
 - iii. Dale Hopkins will verify if Marin City is ready to proceed or not.
 - iv. Some element of this may also be eligible as a planning grant item.
- f. Bay Area Wetland Ecosystem restoration Program
- i. Three elements are part of this project – Bair Island in South Bay, Sears Point in Sonoma County and Dutch Slough in eastern Contra Costs County (Delta).
 - ii. Grant request is \$3.0 million. The proposed match at Sears Point is \$14 million, info for others to follow.
 - iii. Dutch Slough is well outside the boundary of the Bay Area IRWMP, which garnered mixed reactions. Also, Dutch Slough is not in the IRWMP.
- g. CEMAR Fishery Monitoring Proposal
- i. This is the same project that was considered for the supplemental Prop 50 grant round. Grant request is \$371k. Match is
4. Factors that could be considered to help shape a \$15M (and \$30M) Proposal were briefly discussed during meeting and at the end, and were suggested as the focus of next mtg.

- a. Plan goals and objectives – the project assessments/evaluations.
 - i. Examples include how regional is proposal, is it multi-objective, etc.
- b. Ability to meet Prop 84 State preferences
- c. Effectiveness – unit costs (cost/benefit), economic analysis, extent of benefit
- d. Readiness to proceed/timing
- e. Urgency/need/paramount factor
- f. Other?

From these factors a few options could be developed for further consideration (one or two top rated projects, emphasize effectiveness, emphasize regional collaboration, etc.)

5. Next steps / logistics
 - a. Consultant assistance.
 - i. Still not clear if any projects need to be added to the IRWMP during October. This would be work under the four party agreement and eligible as a match for the planning grant.
 - ii. All were informed of costs to assemble, prepare and submit the Prop 50 Bay Area grant proposal. Proponents are the ones expected to fund the Prop 84 work and not funding for the four party agreement.
 - b. Cost sharing, invoicing – not discussed, pending further work on project line up.
 - c. Web folders – not discussed, but this step can be taken under existing contracts to provide a work space under the IRWMP website for the Prop 84 proposal.
6. Coordinating Committee will be updated on 9/27 about current status.
7. Next Meeting – Sept 29 (Wed), Coastal Conservancy – 13th floor conf room, 10am -noon

Bay Area IRWMP Project Screening Committee

09/30/10 Meeting Notes

1. Attendees:
 - a. In person – Melanie Denninger (SCC), Brian Campbell (EBMUD), Carl Morrison, Jennifer Krebs (SFEP), Mark Boucher (CCWCFCD), Marie Valmores (CCWD)
 - b. By phone – Harry Seraydarian (NBWA) Thomasin Grim (MMWD), Brian Mendenhall (SCVWD), Carol Mahoney (Zone 7), Tracy Hemmeter (SCVWD), Dipti Bhatnagar (EJCW), Joanne Siew (RMC), Molly Petrick (SPFUC), other?
2. 9/21/10 Meeting Notes – No further changes.
3. Goals and Objectives of the Proposal
 - a. One conclusion of this discussion is that it is hard to formulate goals and objectives in the abstract for a given grant round without consideration of interested projects.
 - b. Being response to the PSP and emphasizing the regional-ness of proposals were two overarching characteristics that all could agree on this round.
4. Factors to consider in distinguishing projects
 - a. IRWM Plan goals and objectives as reflected in the IRWM scoring assessment.
 - b. Effectiveness – benefit analysis as reviewed under DWR’s scoring criteria (15 pts)
 - c. Prop 84 program preferences as reviewed under DWR’s scoring criteria (10 pts)

The first three items above are amenable to a scoring assessment.

 - d. Readiness to process – this was considered a screening factor. All projects should have no barrier to implementation if grant funding is provided and CEQA should already be addressed or capable of being completed early in the grant term.
 - i. New project(s) not in the IRWM Plan are not necessarily excluded and can still be added if such project(s) is/are broadly supported for inclusion.
 - e. Urgency / Need for grant funding. This factor was considered difficult to differentiate among projects and is not called out in the PSP as it was for Supplemental Prop 50 PSP.
 - f. Disadvantaged Communities – All agreed that projects benefiting DACs should be considered in parallel to any scoring resulting from a-c above.
5. Options to prioritize projects in the Proposal
 - a. Minimize number of projects by selecting only the highest scoring one(s).
 - b. Proportionally reduce all eligible regional projects to fit within the funding limit(s).
 - c. Emphasize Effectiveness (4c above) or different aspects of the Bay Area IRWMP
 - d. Hybrids of the above options are also possible.
 - e. Important Criteria to apply to the different options:
 - i. Maintain Stakeholder engagement in the region, sub-regions and across functional areas.

- ii. Efficient use of resources.
- f. Next meeting will work through this process with one or more specific examples.

6. Project Updates

- a. Regional Conservation
 - i. Some administrative details are still pending. Whether BACWA or SFEP is the grantee could bear on how the finances are handled for agency disbursements.
 - ii. Whether there is a DAC element or not is undergoing review. The SFPUC rebate proposal is based on income limits that may satisfy 80% MHI threshold.
 - iii. Conf call scheduled for 10/1 on next steps.
- b. Regional Recycling
 - i. The BACWA RW Committee is scheduled to meet 10/4 to develop the \$6+/- million list of projects for further consideration.
- c. Regional Green Infrastructure
 - i. Jennifer K and sub-group are continuing to work on how to narrow list.
 - ii. Budget allocation to this effort will greatly influence final project description.
 - iii. One or more components may be located in a DAC.
- d. Regional Ecosystem Restoration
 - i. The Dutch Slough element will be omitted based on feedback from the Screening Committee as to its distance outside the regional boundary.
 - ii. Discussions are still ongoing with those interested in this effort.
- e. Floodplain Mapping / Disadvantaged Communities Watershed Program
 - i. Two formerly separate components are now being combined.
 - ii. The grant request is approximately \$1.5M.
 - iii. The Marin City element will be deferred in preparation for future round
- f. CEMAR Fishery Monitoring Proposal – no change.

7. DWR Meeting.

- a. The group agreed a meeting with DWR staff before the next CC meeting would be worthwhile to review specific questions and better understand DWR expectations for a “Non-Competitive funding area.”
- b. Carl Morrison will set this up for either the week of Oct 18 or Oct 11 (second choice) depending on availability of DWR staff.
- c. Each functional area/sub-region will be informed so as to balance who goes.

8. Action Items

- a. Harry S. agreed to draft up the process described in Nos 4-5 above in preparation for the next meeting.
- b. Brian Campbell agreed to forward the readiness screening factor to the BACWA Recycled Water Committee (done).
- c. Jennifer K agreed to forward ABAG’s map(s) of disadvantaged communities (done).

- d. Project Proponents are to continue updating templates and forward updates by noon Wed 10/6 to Brian Campbell or Joanne Siew to be uploaded to the Prop 84 web folder.
 - i. Brian C will have jury duty at least Mon-Tues of next week (10/4-5)
 - e. Logistics were not discussed – how to pay for consultant assistance to assemble and finalize the proposal is a significant outstanding item.
9. Next Meeting: Oct 7 (Thur), Coastal Conservancy, **11th floor conf room, 1:30pm – 4 pm**
- a. **Earlier start time is contingent on jury duty ending by 10/6 and if that does not look likely the time will be 2:30-4:30pm. Start time will be confirmed on 10/6.**
 - b. Project Updates, if applicable, will be reviewed at the outset.
 - c. Primary purpose will be to initiate a prioritization process to see how it looks/works.
 - d. The schedule and logistics going forward will need review by next meeting. The consultant discussion should not be left open ended at the 10/25 CC Mtg.
 - e. Whether another mtg is needed the week of 10/11 will be determined on 10/7.

Bay Area IRWMP Project Screening Committee

10/07/10 Meeting Notes

1. Attendees:
 - a. In person – Matt Gerhart (SCC), Brian Campbell (EBMUD), Carl Morrison, Jennifer Krebs (SFEP), Harry Seraydarian (NBWA) Thomasin Grim (MMWD), Susan McGuire (Las Gallinas SD), Carol Mahoney (Zone 7), Ann Riley (RWQCB), Kevin Booker (SCWA)
 - b. By phone – Brian Mendenhall (SCVWD), Dipti Bhatnagar (EJCW), Joanne Siew (RMC), Molly Petrick (SPFUC), Robyn Navarra (Zone 7), Tracy Hemmeter (SCVWD), Dipti Bhatnagar (EJCW), other beeps?

2. 9/30/10 Meeting Notes – No further changes.

3. Project Updates
 - a. Recycling - \$6m list (draft) for \$15m grant provided. \$75m total cost.
 - i. At least 2 projects are new to IRWMP and would need to be added.
 - ii. List could easily be expanded for a \$30m grant.
 - b. Combined DAC and Floodplain Mapping proposal presented - \$1.6m request.
 - i. Attendees opined that DWR would not find this project as meeting a critical water supply or quality need, and this not enhance scoring.
 - c. Conservation – minor updates ongoing. \$7m request.
 - i. Conservation could also easily expand for a \$30m grant.
 - d. Wetlands Restoration – Pond A16 added; Dutch Slough dropped. \$3m request.
 - e. Green Infrastructure – no changes pending feedback on grant amts. \$10m request.
 - f. Fisheries Monitoring – No changes; eligibility not assured. \$371k request.

4. Review Example Round 1 Evaluation methodology
 - a. Scoring of projects in three categories – IRWM plan, Benefits (C/B), CA Preferences
 - i. Scoring table completed during the meeting:

Project	BAIRWMP	C/B	Pref.	Total
Regional Conservation	28 (2007)	15	10	53
Regional Recycling	38 (average 2007)	9	10	57
Regional Green Infrastructure	52 (2010)	3	8	63
Ecosystem Restoration	34 (average of 3 projects-2007)	10.5	8	52.5
Floodplain/DAC/ watershed	35.5 (2010-average of 2 projects)	3	6	44.5
CEMAR fishery monitoring	37 (2010)	3	4	44

- b. Options for Proposal, and subsequent grant award
 - i. Top scoring project only. Fund Two projects if \$15m award.
 - ii. Emphasize Benefits. Fund Conservation, Recycling, and Ecosystem.
 - iii. All Conservation
 - iv. All Recycling
 - v. Emphasize CA Preferences. Fund Conservation and Recycling.
 - vi. Fund top four scoring projects
 - vii. Fund top scoring projects and/or ensure each functional area receives amt (?).
 - viii. Prorate all projects to stay within maximum grant award.
 - c. Develop Criteria that could be applied to each option in a +/- or High-Med-Low manner.
 - i. Maintain stakeholder engagement.
 - ii. Efficient use of Resources.
 - iii. Linkages / Links to IRWM Plan.
 - iv. Balance among functional areas.
 - v. Importance of funding to project.
 - vi. Anticipates subsequent grant rounds (?don't know if I scribed this one right?)
 - vii. Other?
 - d. Next meeting purpose is to apply criteria to options above (and any other last minute options) and evaluate results to arrive at a recommended decision.
5. Review of Schedule and Logistics
- a. Where proponents stand on Consultant Assistance for proposal
 - i. Recycling – general agreement to pay for assistance in proportion to grant.
 - ii. Conservation – will review at least one option other than RMC proposal.
 - iii. Green Infrastructure – would like to consider an in-kind / no cost option.
 - iv. Ecosystem – might be willing to cost share for proposal closer to \$100k.
 - v. DAC / Flood mapping / Fisheries – no feedback yet.
 - b. Will return to this issue at next meeting after options above are rated.
6. Action Items
- a. More info on unit costs was requested for recycling based on DWR feedback last round.
 - b. Project proponents are to continue refining details, especially if there is any question whether some activities are of questionable eligibility.
 - c. Water agencies are to provide feedback on consultant assistance after the 10/11 BAWAC mtg.
7. Next Meeting: Oct 14 (Thur), Coastal Conservancy, **11th floor conf room, 1:30pm – 4 pm**
- a. Apply criteria to grant proposal options
 - b. Review of Logistics and consultant support
 - c. Develop recommendations for Coordinating Committee

- v. Emphasize CA Preferences. Fund Conservation and Recycling (Col. 3).
 - vi. Fund top 4 scoring projects by Col. 4.
 - vii. Fund top 3 scoring projects by Col. 4 plus Flood Assessment/DAC/Fish.
 - viii. Prorate all projects to stay within max grant award.
 - ix. CA Preferences (Option v) plus Flood Assessment/DAC/Fish.
 - x. Combination of Option ii and ix – developed further into meeting.
- c. Developed Criteria that could be applied to each option on a score of 1-5:
- i. Efficient use of Resources
 - ii. Maintain stakeholder engagement
 - iii. Linkages to IRWM Plan / coherence / does it “tell a good story”
- These other considerations were found to relate to Policy Recommendations:
- iv. Balance among functional areas
 - v. Anticipates subsequent grant rounds (i.e. the entire \$138M)
- This consideration was found to be fairly uniform among projects and not used:
- vi. Importance of funding to project
- d. See separate worksheet for evaluation results by criteria.

5. Evaluation of Options

- i. Top scoring project only – Score 10.
- ii. Emphasize Benefits – Score 11.
- iii. All Conservation – Score 13. Proponents willing to try more inclusive option.
- iv. All Recycling – Score 12. Proponents willing to try more inclusive option.
- v. Emphasize CA Preferences – Score 12.
- vi. Fund top 4 scoring projects (Col. 4) – Score 9. Difficult to combine GI w/others.
- vii. Fund top 3 scoring projects (Col. 4) plus Flood /DAC/ Fish – Score 11. “
- viii. Prorate all projects to stay within max grant award – Score 6. Dropped.
- ix. CA Preferences (Option v) plus Flood Assessment/DAC/Fish – Score 12.
- x. Combination of Option ii and ix – 12

6. Discussion and Recommendations for the Coordinating Committee

- a. Recommendation #1 – CC should initiate tracking of funded projects by sub-region and functional area to ensure balance over the entire \$138M .
- b. Recommendation #2 – Option 10 was selected as preferred choice for a \$15.3M grant. Conservation & Ecosystem OK w/drop by \$1M each, Flood/DAC=\$1.3M. It has well defined benefits, covers a breadth of objectives, and expands well to \$30.6M.**
- c. Recommendation #3 – Green Infrastructure should be given priority consideration in the next grant round. The project size/amt and defined benefits were issues this round.
- d. Recommendation #4 – In going from \$15.3M to \$30.6M a Green Infrastructure Project (\$3.75M) can be included, provided that defined benefits are demonstrated.**

7. Logistics / Action Items

- a. Consultant assistance - RMC will probably be retained near \$100k via MMWD contract.
- b. Cost sharing generally agreed to by grant amount. Mechanism to collect funds tbd.

FINAL

Bay Area IRWMP Coordinating Committee

Agreements and Action Items from October 25, 2010 Meeting

1. Roll Call—Appointed FA representatives present

WS-WQ	WW-RW	FP-SW	Watershed	Other
Molly Petrick, SFPUC	Brian Campbell, EBMUD	Mark Boucher, CCCFCD; Brian Mendenhall, SCVWD	Harry Seraydarian, NBWA; Jennifer Krebs, SFEP; Matt Gerhart, SCC	Paul Helliker, Chair, MMWD;

Others present:

Jack Betourne (NCFWCD)
Kevin Booker (SCWA)
Amy Chastain (BACWA)
Chris Choo (MCFCWCD)
Teresa Eade (StopWaste.Org)
Thomasin Grim (MMWD)
Dale Hopkins (SFBAY RWQCB)
Carol Mahoney (Zone 7 Water)
Carl Morrison (M&A, Zone 7, SCWA, StopWaste.Org)
Robyn Navarra (Zone 7)
A.L. Riley (SFBAY RWQCB)
Joanne Siew (RMC)
Rick Thomasser (Napa County)
Marie Valmores (CCWD)
Renee Webber (North Bay Water Reuse Authority)
Mark Williams (NBWRA LGVSD)

2. Consideration of Potential Grantee for Prop 84 Implementation Grant (Action, led by Chair/CC)

- Jennifer Krebs and Amy Chastain each provided an overview of SFEP/ABAG and BACWA’s proposal respectively to manage funds for the Bay Area IRWMP Prop 84 Implementation Round 1 grant.
- The total cost in SFEP/ABAG’s proposal is \$513,877, assuming that the grant amount is \$15 million. If the region receives a \$30 million grant, then additional administration costs would amount to approximately one more year’s worth of effort. The proposal also assumed 15 subcontracts.
- The total cost in BACWA’s proposal is \$545,000, assuming that the grant amount is \$15 million. Amy noted that this was a preliminary draft cost proposal and refinements will be made based on the final number of projects, and the total grant request.
- Both proposals averaged around 4% of the \$15 million grant request, which are in the range of DWR’s recommendation not to exceed 5% of total grant request.
- Jennifer and Amy each presented the benefits and limitations of their proposal. The key benefit of SFEP/ABAG’s proposal is that they did not require the agencies to advance funds to SFEP/ABAG for contract management and could wait for DWR’s reimbursement. SFEP/ABAG also has an in-house counsel that would help to streamline coordination and communication with the attorneys of the project proponents.

- The key benefit of the BACWA proposal is that they have effectively managed the Prop 50 Implementation grant, with Brian Campbell serving as Grant Manager, and have set up the contractual framework for coordination with the water and wastewater agencies, which are proposing significant projects in this Implementation grant round. In addition, since the language and contracts between Prop 50 and Prop 84 are similar, BACWA can build upon existing contractual language and therefore legal costs may not be as significant.
- Ann Riley asked if the other Functional Areas could cover the advance funds for the DAC project up until the first reimbursement from DWR.
- The CC evaluated both proposals, and voted to select BACWA as the lead applicant and grantee for the Implementation Round 1 grant application. The CC also agreed that although BACWA was selected as the grantee for the first round of Implementation grant applications, another entity might be selected for the second round since the grant periods overlap.

ADDENDUM: Since both proposals had their merits and there was no unanimous consensus on one proposal, Paul Helliker suggested that a straw poll be conducted to decide on the selection of the proposal. The straw poll was conducted with all CC members present (except Jennifer Krebs, Amy Chastain and Brian Campbell who left the room for the evaluation and voting process). CC meeting attendees could choose either proposal or decide not to vote. The final outcome of the straw poll was 6 votes for the BACWA proposal, and 5 votes for the SFEP proposal.

- BACWA was selected on the basis of their demonstrated experience in managing the Prop 50 Implementation Grant, relationships that BACWA has established with water and wastewater agencies, and Brian Campbell's lead role in effectively and successfully managing the grant administration.
- BACWA will need to issue an RFP for contract management, which would involve hiring a consultant to assist with the management of the grant as has been the case with the Prop 50 Implementation grant. Consultant selection would be made jointly by the project proponents and BACWA.
- Grantees will need to advance admin funds in proportion to the grant amount requested for their projects to BACWA. Grantees will also have to agree on covering the upfront costs for grantees who do not have funds available (e.g. the DAC project).

3. Update – Project Screening Subcommittee (Action, led by PS)

Update on Project Selection

- Brian Campbell provided a summary of the project selection process for the Implementation grant application.
- The recommended option for a \$15 million grant request would include Water Conservation, Water Recycling, Ecosystem Restoration, and DAC/Assessment/Fish regional projects. The CC agreed to this combination of projects for the \$15 mil allocation, and also the prioritization of the projects within the \$15 mil range.
- In going from \$15 mil to \$30 mil, the Green Infrastructure Project can be included, provided that defined benefits are demonstrated.
- The CC agreed that with the likelihood of DWR providing additional funding, the region should prepare a grant application for the full \$30 million potential allocation.
- The Project Screening subcommittee agreed to hold a meeting on 11/4 to review the list of projects for the \$30 mil request and to re-evaluate the green infrastructure project scope.
- Brian Campbell noted that there are a few projects that are not currently in the IRWM Plan and will need to be added in to be eligible for the Implementation grant. Carl Morrison also suggested that the Project Screening subcommittee include other projects that were evaluated for the IRWMP but not added yet (e.g. StopWaste.Org and Sonoma

County Water Agency's projects). Brian noted that this would be a topic of discussion for the next Project Screening subcommittee meeting, since they are expecting more projects to add in for Prop 1E.

Green Infrastructure Regional Project

- The regional project currently includes 2 projects: the San Pablo Ave Green Stormwater Spine, and Rainwater Harvesting Cisterns in Napa County, for a total project cost of \$3.95 mil, with 25% match.
- Jennifer Krebs indicated that she has developed some quantifiable indicators (e.g. acreage-based) for the Green Infrastructure project, drawing examples from a project in Daly City, projects in the Northwest and in the US. The stormwater spine project on San Pablo Ave will cover 24 acres, and the Napa rainwater harvesting project covers approximately 1 acre, for a total of 25 acres. The benefit of this regional project may then be calculated using the acreage-based indicators. (Please see attachment on Regional Green Infrastructure Project Anticipated Benefits from SFEP/ABAG).
- Jennifer noted that the stormwater spine project may be 'scalable'.
- Jennifer was asked by the CC to update the project description for the regional green infrastructure project, assuming an upper limit of \$4.5 million, to document project benefits and costs, and make it more regional (include more sub-regions).

Disadvantaged Communities Stream Restoration and Education, Flood Infrastructure Mapping, and Watershed Toolbox

- Carol Mahoney provided a summary of the project to the CC, and noted that the minimum budget required for this project is \$1.5 million for the \$15 million grant request, and they hope to increase the budget to \$1.75 million for the \$30 million grant request.
- Paul Helliker indicated that water conservation and water recycling project proponents would be able to cover the upfront admin cost for the DAC project until the first reimbursement from DWR.

Ecosystem Restoration

- Matt Gerhart from the Coastal Conservancy noted that under the \$30 mil grant request, the 3rd million requested for the Ecosystem Restoration project is necessary to keep the project regional.

Update on Implementation Grant Application Management

- Paul Helliker suggested that the grant application could be funded by amending MMWD's existing contract with RMC, and the CC agreed.
- Paul will follow-up with project proponents on providing funds to pay for the cost of preparing the grant application.
- Thomasin Grim requested for project proponents to provide their contact information to her for Paul and her to prepare draft letter agreements.

Action Item(s):

- Jennifer Krebs to provide updated description for the Green Infrastructure Regional Project assuming a maximum limit of \$4.5 million, and to document benefits and costs.
- Project proponents to provide contact information to Thomasin Grim for the letter agreements.
- MMWD to collect funds from project proponents to pay for Prop 84 Implementation grant proposal development.
- MMWD to amend agreement with RMC to add task to prepare Prop 84 Implementation grant proposal.
- Paul Helliker will check with the proponent agencies on how they will fund the upfront costs of the grant administration.

4. Announcements

- The Alameda Creek Water Council will be held on Thursday, Oct 28, 2010.
- The Project Screening subcommittee meeting will be conducted on Nov 4, from 1.30 pm to 4 pm at the Coastal Conservancy.

5. Agenda Items for next CC meeting

- Recommended final allocations for grant proposal from the Project Screening subcommittee.
- Review draft consolidated Work Plan, Budget and Schedule for the Implementation Grant Application.
- Questions for DWR on the Implementation Grant Application.