



ATTACHMENT 1:

Authorization and Eligibility Requirements

SANTA CLARA VALLEY WATER DISTRICT

**Proposition 1E Round 2
Stormwater Flood Management Grant Program
Permanente Creek Flood Protection Proposal**

This attachment contains all authorization and eligibility documentation for the proposed Permanente Creek Flood Protection Project (Project) as required under the IRWM Grant Program Guidelines for Stormwater Funding Management Grants (Proposition 1E). In accordance with Proposal Solicitation Package (PSP) requirements, **Attachment 1** consists of the following items:

- ✓ An adopted resolution by Santa Clara Valley Water District (SCVWD)
- ✓ Documentation of applicant eligibility
- ✓ Documentation of Groundwater Management Plan (GWMP) compliance
- ✓ Documentation of the project's consistency with the adopted Bay Area Integrated Regional Water Management Plan (IRWMP)

Authorizing Documentation

The Santa Clara Valley Water District (District) adopted Resolution 13-10 on January 22, 2013 authorizing the District Chief Executive Officer to submit an application to the Department of Water Resources (DWR) to obtain IRWM Stormwater Flood Management grant funding pursuant to the Disaster Preparedness and Flood Prevention Bond Act of 2006. If the grant is awarded, the resolution authorizes the District to enter into an agreement with the California DWR to receive a grant for the Project. The adopted resolution is provided as **Appendix 1-1** to this attachment.

Eligible Applicant Documentation

Local Agency. The applicant for the Stormwater Flood Management Grant is the Santa Clara Valley Water District. The Santa Clara Valley Water District is a public agency, as defined in Appendix B of the 2012 Guidelines, which is defined as a city, county, city and county, special district, joint powers authority, or other political subdivision of the State. The District is a special purpose district formed under State law pursuant to the Santa Clara Valley Water District Act of 1951 (District Act).

Statutory or Legal Authority. The Santa Clara Valley Water District was created by an act of the California Legislature (Chapter 1405 of the Statutes of 1951), and operates as a state of California Special District, with jurisdiction throughout Santa Clara County. The District Act specifies that its purpose is "to authorize the District to provide comprehensive water management for all beneficial uses and protection from flooding."

Authority to Enter into a Grant Agreement with the State of California. The Applicant has legal standing to enter into contractual relationships with the State of California, DWR and SWRCB. On January 22, 2013, the Santa Clara Valley Water District Board of Directors adopted the authorizing Resolution No. 13-10 giving explicit authority to submit this Grant and enter into and implement the grant agreement on behalf of the Santa Clara Valley Water District.

Legal Agreements Among Partners to Ensure Performance and Tracking of Funds. The Project will benefit from four key District relationships, which are ultimately expected to contribute the Project's success. These include pre-existing relationships with the following entities: (1) the City of Mountain View; (2) the City of Los Altos; (3) the City of Cupertino and (4) the County of Santa Clara.

The District retains flood control responsibilities for most of Santa Clara County.

Ground Water Management Plan Compliance

The Project does have the capacity to impact groundwater in a minor way. Local groundwater supply and recharge are expected to increase during storm/flood events at Rancho San Antonio County Park and McKelvey Park following project implementation. A groundwater well in Rancho San Antonio County park will be decommissioned during construction, and replaced as soon as feasible. The replacement well will be sited and constructed to provide supply equal to that provided by the decommissioned well. The agency that will implement this Project is the Santa Clara Valley Water District. The status of the Districts' Groundwater Management Plan (GWMP) compliance is that the District adopted the 2012 GWMP on July 24, 2012. That District GWMP is included in **Appendix 1-2**.

Consistency with Adopted IRWM Plan

The Permanente Creek Flood Protection Project is consistent with the San Francisco Bay Area IRWM Plan (IRWM Plan) adopted on December 2006. The project is discussed on page 88 of the adopted 2006 Plan, and water management strategies addressed are identified. The Project was evaluated as part of the evaluation process in place at the time and was found to be consistent with the IRWM plan goals and objectives; the results of this evaluation can be found on page F-11 of the adopted 2006 Plan. Pages 88 and E-6 of the 2006 IRWM Plan are provided as **Appendix 1-3** to this Attachment.

The Bay Area IRWMP is currently being updated. The Permanente Creek Flood Control Project was re-submitted for consideration in the updated Plan. Consistent with the Region's process for accepting projects to the Plan, the Coordinating Committee approved the project list, including the Permanente Creek Flood Protection Project, for inclusion in the adopted IRWM Plan and draft IRWM Plan Update at its November 26, 2012 meeting. The agenda and notes from this meeting are provided as **Appendix 1-4** to this Attachment.

After being approved for inclusion in the updated Plan, the Permanente Creek Flood Control was evaluated based on the draft evaluation process. Based on this evaluation, the project was found to be consistent with the goals and objectives of the draft updated IRWM Plan. The preliminary project evaluation is provided as **Appendix 1-5** to this Attachment.

APPENDIX 1-1: Authorizing Resolution

RESOLUTION NO. 13- 10

RESOLUTION AUTHORIZING THE CHIEF EXECUTIVE OFFICER TO FILE AN APPLICATION AND EXECUTE A GRANT AGREEMENT WITH THE CALIFORNIA DEPARTMENT OF WATER RESOURCES FOR A STORMWATER FLOOD MANAGEMENT GRANT UNDER THE DISASTER PREPAREDNESS AND FLOOD PROTECTION BOND ACT OF 2006 (PROPOSITION 1E) FOR THE PERMANENTE CREEK FLOOD PROTECTION PROJECT

WHEREAS, the California Department of Water Resources (DWR), Division of Integrated Regional Water Management (IRWM) is accepting proposals for its Stormwater Flood Management (SWFM) Grant Program, funded by Proposition 1E (the Disaster Preparedness and Flood Prevention Bond Act of 2006), for projects that support integrated water management planning and implementation; and

WHEREAS, the Santa Clara Valley Water District's Permanente Creek Flood Protection Project is eligible for the SWFM's grant funding pursuant to IRWM's 2012 Grant Program Guidelines the published eligibility guidelines; and

WHEREAS, DWR requires grant applicants to provide a resolution adopted by the applicant's governing body designating an authorized representative to submit the funding application and execute an agreement with the State of California for a grant.

NOW, THEREFORE BE IT RESOLVED by the Board of Directors of the Santa Clara Valley Water District that:

1. An application be made to DWR's Division of Integrated Regional Water Management for a Stormwater Flood Management Grant funded by Proposition 1E (the Disaster Preparedness and Flood Prevention Bond Act of 2006, Public Resources Code Section 5096.800 *et seq.*) for the Permanente Creek Flood Protection Project; and
2. The Chief Executive Officer of the Santa Clara Valley Water District is hereby authorized and directed to prepare the necessary data, conduct investigations, file such application, and, if a grant is awarded, execute a grant agreement with DWR, provided that the District can satisfy the grant terms, conditions, and requirements, and comply with all applicable state and federal laws and regulations including the California Environmental Quality Act.

PASSED AND ADOPTED by the Board of Directors of Santa Clara Valley Water District by the following vote on January 22, 2013:

AYES: Directors T. Estremera, R. Santos, B. Keegan, B. Schmidt, L. LeZotte,
N. Hsueh

NOES: Directors None

ABSENT: Directors None

ABSTAIN: Directors None

SANTA CLARA VALLEY WATER DISTRICT

By: 
NAI HSUEH
Chair/Board of Directors

ATTEST: MICHELE L. KING, CMC


Clerk/Board of Directors

APPENDIX 1-2: Groundwater Management Plan

(Provided on Attached CD as file Att1_SWF_Eligible_2of2)

**APPENDIX 1-3: Pages from the 2006 Bay Area IRWM Plan Discussing
the Project**



	Projects	Bay Area IRWMP Regional Goals						Bay Area Regional Assessment Criteria					Prop 50 Program Preferences					Prop 50 Statewide Priorities						
		Sustain-ability	Supply Reliability	Hydrologic Function	Water Quality - Drinking Water	Water Quality - Receiving Water	Env. Resources	Public Health, Safety, Property	Funding Match	Regionalism	Partnerships	Meets Objectives 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
65	Palo Alto Regional Water Quality Control Plant Water Recycling Program - Phase 3 Expansion (City of Palo Alto)	●	●	·	·	●	○	○	●	●	●	●	●	●	●	●	●	○	○	·	○	●	●	●
66	PCBs Investigation at the Pulgas Creek Pump Station Watershed, San Carlos, California (San Mateo C/CAG)	○	·	·	·	●	●	●	●	●	●	○	·	●	●	·	·	●	●	●	●	·	·	○
67	Peacock Gap Recycled Water Extension (MMWD)	●	●	·	·	●	○	○	●	○	○	●	○	○	·	○	○	○	○	·	○	●	·	●
68	Peralta Tyson Groundwater Treatment Facility (ACWD)	○	●	·	●	●	·	●	●	●	●	○	●	●	·	·	○	·	·	·	·	●	·	●
69	Permanente Creek Flood Protection (SCVWD)	○	·	●	·	○	●	●	●	·	●	●	·	○	·	·	·	·	●	○	○	●	·	●
70	PG&E Contra Costa Power Plant #8 Recycled Cooling Water (DDSD)	●	●	·	·	●	●	○	●	○	●	●	●	○	○	○	●	○	○	·	○	●	·	●
71	Phase 2 – Niles Cone Groundwater Recharge and Fish Passage Program (ACWD)	●	●	●	○	○	●	●	●	·	●	●	●	○	·	·	●	·	○	·	·	●	·	●
72	Pilarcitos Creek Integrated Watershed Management Plan Development and Implementation (SFPUC)	●	●	○	○	○	●	·	●	●	●	●	○	○	○	·	●	·	●	○	○	○	·	●
73	Pinole Creek Restoration and Greenway Park (CCC FC&WCD)	●	○	●	·	○	●	○	●	○	●	●	○	·	○	●	·	·	●	○	○	●	●	●
74	Pittsburg Recycled Water Implementation (DDSD)	●	●	·	·	●	○	○	●	○	●	●	○	○	○	○	●	○	○	·	○	●	·	●
75	Protection from Tidal Flooding (City of Burlingame)	●	·	○	·	○	○	●	·	●	●	●	·	○	○	●	·	·	●	·	○	●	●	●
76	R10-2 Arroyo de la Laguna (ADLL) Improvement Project 2 (Zone 7)	●	·	●	·	●	●	·	·	·	●	●	·	·	●	·	·	·	○	●	●	●	·	●
77	R10-5 Arroyo de la Laguna Improvement Project 5 (Zone 7)	●	·	●	·	·	●	·	·	○	●	●	·	·	·	·	·	·	○	·	·	●	·	●
78	Recycled Water Conveyance Pipeline (Novato Sanitary District)	●	●	·	·	●	○	●	○	·	●	○	●	○	○	·	○	○	○	·	○	●	·	●
79	Recycled Water Program for North Marin WD & Novato Sanitary District - Phase 1 (North Marin Water District)	●	●	·	·	●	○	●	○	○	●	○	●	○	○	·	○	○	○	·	○	●	·	●
80	Reducing Women and Children's Exposure to Mercury in the Bay and Delta Region (Ma'at Youth Academy)	●	·	·	·	●	●	·	●	●	●	·	·	●	○	●	·	○	○	○	●	·	●	●
81	Redwood City Recycled Water Project (City of Redwood City)	●	●	·	·	●	○	○	●	○	●	○	●	○	○	·	●	○	○	·	○	●	·	●
82	Regional Biosolids Project (Regional Biosolids JPA)	●	·	·	·	○	○	·	●	●	●	·	·	○	·	·	○	·	·	·	·	·	·	·
83	Regional BMPs, Field Manual and Training for Stream Maintenance Activities (Marin County STOPPP)	○	·	●	·	○	○	●	·	●	●	○	·	○	·	·	·	·	·	●	·	●	·	●
84	Regional Desalination Feasibility Study (EBMUD)	·	●	·	●	●	·	○	●	●	●	·	●	●	·	·	·	·	·	·	·	●	·	●
85	Regional Flood Agencies Forum (SCVWD)	●	·	○	·	·	●	○	·	●	●	●	·	·	·	○	·	·	●	·	·	●	·	·
86	Removal of NDMA, EDCs, and PPCPs in South Delta Water (CCWD)	●	○	·	●	●	·	●	●	●	●	·	○	●	·	·	·	·	·	·	●	·	·	●



would include inspecting selected businesses and industrial facilities within the watershed to identify potential sources of PCBs or PCB-containing sediments. Inspection sites would be selected and prioritized using available records about the potential of current or historic use of PCBs on-site. Based on the results of the inspections, a targeted sampling and analysis program would be implemented to measure concentrations of PCBs in sediments found on private properties and in public right-of-ways. STOPPP would then work with appropriate regulatory agencies to attempt to compel potential responsible parties identified during the investigation to perform further investigation and, as appropriate, abatement. To prevent future releases of PCBs and sustain the results of the program, outreach and educational materials would be provided to business and property owners in the watershed. Project methods, results, and any other relevant information would be made available on the San Mateo Countywide Stormwater Pollution Prevention Program's website. In summary, this demonstration project would support abatement of sources of PCBs to San Francisco Bay and develop methods that would assist other agencies in the Bay Area and elsewhere to address PCBs in stormwater runoff.

Water Management Strategies Addressed:

- | | |
|---|---|
| <input type="checkbox"/> Ecosystem Restoration | <input type="checkbox"/> Imported Water |
| <input type="checkbox"/> Environmental and Habitat Protection and Improvement | <input type="checkbox"/> Land Use Planning |
| <input type="checkbox"/> Water Supply Reliability | <input type="checkbox"/> Non-Point Source Pollution Control |
| <input type="checkbox"/> Flood Management | <input type="checkbox"/> Surface Storage |
| <input type="checkbox"/> Groundwater Management | <input type="checkbox"/> Watershed Planning |
| <input type="checkbox"/> Recreation and Public Access | <input type="checkbox"/> Water and Wastewater Treatment |
| <input type="checkbox"/> Storm Water Capture and Management | <input type="checkbox"/> Water Transfers |
| <input type="checkbox"/> Water Conservation | <input type="checkbox"/> Interties |
| <input checked="" type="checkbox"/> Water Quality Protection and Improvement | <input type="checkbox"/> Infrastructure Reliability |
| <input type="checkbox"/> Water Recycling | <input checked="" type="checkbox"/> Regional Cooperation |
| <input type="checkbox"/> Wetlands Enhancement and Creation | <input type="checkbox"/> Education and Outreach |
| <input type="checkbox"/> Conjunctive Use | <input checked="" type="checkbox"/> Monitoring and Modeling |
| <input type="checkbox"/> Desalination | <input type="checkbox"/> Groundwater Banking |

Permanente Creek Flood Protection (SCVWD)

The project will provide protection from flooding due to Permanente Creek for approximately 2,000 residences and businesses in Mountain View. Work along the riparian corridor will enhance habitat by rehabilitating potentially thousands of feet of currently concrete channels back to partial riparian channels. All existing natural channel reaches will be preserved. New habitat for listed species, such as red-legged frog, could potentially be included in this multi-objective project.

Water Management Strategies Addressed:

- | | |
|--|--|
| <input checked="" type="checkbox"/> Ecosystem Restoration | <input checked="" type="checkbox"/> Water Quality Protection and Improvement |
| <input checked="" type="checkbox"/> Environmental and Habitat Protection and Improvement | <input type="checkbox"/> Water Recycling |
| <input type="checkbox"/> Water Supply Reliability | <input type="checkbox"/> Wetlands Enhancement and Creation |
| <input checked="" type="checkbox"/> Flood Management | <input type="checkbox"/> Conjunctive Use |
| <input type="checkbox"/> Groundwater Management | <input type="checkbox"/> Desalination |
| <input checked="" type="checkbox"/> Recreation and Public Access | <input type="checkbox"/> Imported Water |
| <input checked="" type="checkbox"/> Storm Water Capture and Management | <input type="checkbox"/> Land Use Planning |
| <input type="checkbox"/> Water Conservation | <input type="checkbox"/> Non-Point Source Pollution Control |
| | <input type="checkbox"/> Surface Storage |



- Watershed Planning
- Water and Wastewater Treatment
- Water Transfers
- Interties
- Infrastructure Reliability

- Regional Cooperation
- Education and Outreach
- Monitoring and Modeling
- Groundwater Banking

Pilarcitos Creek Integrated Watershed Management Plan Development and Implementation (SFPUC)

This project is described in Section D.4.4: *Watershed Management and Habitat Protection & Restoration Functional Area Projects*.

Pinole Creek Restoration and Greenway Park Project (CCCFC&WCD)

The Pinole Creek Restoration Project will modify the lower 1.5 miles of an existing single objective engineered earth flood control channel to increase flood conveyance capacity. It will also restore structure and function, enhance aquatic and riparian habitat. In addition the project will provide recreational trail access and landscaping and integrate the discharge of high quality (tertiary treated) wastewater to improve year round creek flows and provide landscape irrigation.

Water Management Strategies Addressed:

- Ecosystem Restoration
- Environmental and Habitat Protection and Improvement
- Water Supply Reliability
- Flood Management
- Groundwater Management
- Recreation and Public Access
- Storm Water Capture and Management
- Water Conservation
- Water Quality Protection and Improvement
- Water Recycling
- Wetlands Enhancement and Creation
- Conjunctive Use
- Desalination

- Imported Water
- Land Use Planning
- Non-Point Source Pollution Control
- Surface Storage
- Watershed Planning
- Water and Wastewater Treatment
- Water Transfers
- Interties
- Infrastructure Reliability
- Regional Cooperation
- Education and Outreach
- Monitoring and Modeling
- Groundwater Banking

Protection from Tidal Flooding (City of Burlingame)

The U.S. Army Corps of Engineers is currently engaged in a study of tidal flood protection in the South Bay. This study is in conjunction with the South Bay Salt Pond Restoration Project. Significant additional funding and coordination will be required to make this a successful effort.

Water Management Strategies Addressed:

- Ecosystem Restoration
- Environmental and Habitat Protection and Improvement
- Water Supply Reliability
- Flood Management

- Groundwater Management
- Recreation and Public Access
- Storm Water Capture and Management
- Water Conservation
- Water Quality Protection and Improvement

**APPENDIX 1-4: Bay Area Coordinating Committee Meeting Notes
Approving the Project List (Including the Proposed Project)**

SF Bay Area IRWMP Coordinating Committee

Monday, November 26, 2012, 12:00 – 3:00 p.m.

Meeting Location:

East Bay Municipal Utility District (EBMUD)
375 11th St., Oakland, CA
Large Training Room – 2nd Floor

Conference Call Line: (610) 214-0200, Access code: 666349#

Meeting Objectives

- Approve decision items identified in agenda outcomes
- Provide feedback on topics identified in agenda outcomes
- Understand update topics
- Identify needed follow-up information and timeframes

Agenda

Time	Item	Lead	Attachments	Outcome
12:00 – 12:10 PM	Roll Call of Appointed Functional Area Representatives <ul style="list-style-type: none"> • Review meeting objectives and agenda 	Chair, Steve Ritchie		Confirm attendance and meeting objectives
12:10 – 12:20 PM	Plan Update: <ul style="list-style-type: none"> • Nov./Dec. Activities • Project Schedule and Budget Status 	Kennedy/Jenks	(4) Chapter review tracker (5) Invoice trackers for KJ and Zentraal	Provide update
12:20 – 12:35 PM	Chapter Updates: Governance, Region Description, Objectives, Resource Management Strategies, Relationship to Local Water Planning, Financing, and Climate Change	Kennedy/Jenks		Provide update
12:35 – 1:10 PM	Plan Update: Project Review Process	Kennedy/Jenks and Brian Campbell (PSC chair)	(6) Active list: Scored	Approve final list of scored projects
1:10 – 1:20 PM	Update on Outreach and Engagement Activities <ul style="list-style-type: none"> • Update on chapter development • Public workshop #2 	Kearns & West		Provide update

1:20 – 2:35 PM	Prop 84 Round 2 Implementation Grant <ul style="list-style-type: none"> Options identified by PSC 	Chair, Jennifer Krebs/ Brian Campbell (PSC chair)	(7) PSC options (8) PSC meeting notes	Solicit feedback on options provided by PSC
2:35 – 2:40 PM	Nov. 7 DWR IRWM Leadership Exchange workshop	Thomasin Grim		Provide update
2:40 – 2:50 PM	Appreciation for outgoing Chair	Ann Draper		
2:50 – 3:00 PM	Announcements and Next Steps <ul style="list-style-type: none"> Actions items from meeting Future meeting times and locations 	Chair/CC/	(9) Schedule of future CC meetings	Inform and solicit feedback

Attachments in PDF:

1. CC Agenda, November 26, 2012
2. October 22, 2012 CC meeting summary
3. November 19, 2012 PUT meeting notes
4. Chapter review tracker
5. Invoice trackers for Kennedy/Jenks and Zentraal
6. Project Review Process (PRP) results
7. PSC options for Prop 84 Round 2 implementation grant
8. Project Screening Committee meeting notes
9. Schedule of future CC meetings

MEETING SUMMARY

Bay Area IRWMP Coordinating Committee

November 26, 2012 Meeting

1. Roll Call—Appointed FA representatives present

WS-WQ	WW-RW	FP-SW	Watershed	Other
<ul style="list-style-type: none">• Thomasin Grim, MMWD• Brad Sherwood, SCWA• Marie Valmores, CCWD	<ul style="list-style-type: none">• Brian Campbell, EBMUD• Cheryl Muñoz, SFPUC	<ul style="list-style-type: none">• Mark Boucher, CCCFCWCD• Carol Mahoney, Zone 7	<ul style="list-style-type: none">• Jennifer Krebs, SFEP/ABAG• Matt Gerhart, SCC	<ul style="list-style-type: none">• Ann Draper, Vice Chair, SCVWD• Steve Ritchie, Chair, SFPUC

Others present:

Chris Choo, MCFCWCD
Patrick Costello, City of Napa
Teresa Eade, Stopwaste.org
Paul Gilbert-Snyder, EBMUD
Phil Harrington, City of Berkeley
Dorothy Johnson, City of Berkeley
Carl Morrison, M&A, Zone 7, SCWA, StopWaste.org
Robyn Navarra, Zone 7 (phone)
Molly Petrick, SFPUC
Anna Roche, SFPUC
Michelle Sargent, SFPUC
Michelle Trinh, HydroScience
Jason Warner, Oro Loma Sanitary District

Support staff

Mary Lou Cotton, Kennedy/Jenks (phone)
Ben Gettleman, Kearns & West
Dana Haasz, Kennedy/Jenks
Leslie Moulton, ESA

2. Plan Update: November and December 2012 Activities, Project Schedule

- Dana Haasz provided an update on November activities and anticipated December activities. Dana noted that planning for Public Workshop #2 (January 28, 2013) has commenced and will continue through December.
- Dana Haasz provided an update on the project schedule and budget, noting that the project is approximately 60% spent through August 31, 2012.

Action Item

- The K/J team will prepare a budget status update for the December 17, 2012 CC meeting.

3. Plan Update: Governance, Region Description, Objectives, Resource Management Strategies, Relationship to Local Water Planning, Financing, and Climate Change

- Dana Haasz provided an update on the development of the Governance, Region Description, Objectives, and Resource Management chapters.
- Dana Haasz reported that the Financing chapter will provide an overview of how projects in the 2013 Plan Update will be financed moving forward. Dana noted that while the Financing chapter must include potential sources of funding for projects and programs, many of the projects in the 2013 Plan Update do not have funding sources identified yet, and that identifying funding sources for all 315 projects would not be a useful nor feasible exercise. Dana identified the alternative of developing two tables: one that includes project categories and funding sources, and another that describes the funding of current/completed BAIRWM projects.

Action Item

- Dana Haasz will investigate the development of an annual project update process, which will be useful in matching projects with potential funding sources moving forward.
- PUT members will send suggestions for innovative funding mechanisms to Dana Haasz by December 7, 2012.
- Mark Boucher, Brian Campbell and Dana Haasz will meet to identify the content needed for the table on funding sources.

Group Decision

- The CC agreed with the approach of developing the two tables to include in the Financing chapter. The table with project categories and funding sources will include sample projects from the Plan Update.

4. Plan Update: Project Review Process

- Dana Haasz provided an update on the Project Review Process, noting that 17 projects were re-scored. Dana also noted that the projects and scores were not evenly distributed throughout the subregions, and that the East had the highest number of overall projects.
- Comments from CC members on the Project Review Process included:
 - The purpose of ranking projects should be clarified in the Plan Update, and it should be made clear that the appropriateness of projects for specific rounds of funding will vary.
 - It is concerning that only 14 projects were identified in the South subregion. The CC should consider how to address this moving forward.
 - Not having projects identified for locations (or project types) might help identify priorities for the future. The CC could be more proactive in identifying projects that meet regional goals.
- Dana Haasz noted that a sortable Excel version of the project scores will be available on the BAIRMWP website.

Action Item

- PUT members' comments on Draft 1 of Chapter 6 (Project Review Process) are due November 28, 2012.
- The process for adding projects from the 2006 Plan to the Plan Update will be discussed during the January 28, 2013 CC meeting.

Group Decision

- The CC approved the final list of projects to be included in the Plan Update.
- The CC approved listing projects in Chapter 6 (Project Review Process) by scores.
- The CC agreed that it will utilize the same process for including new projects in the Plan Update after it is finalized as was used for the 2006 Plan; that is, the projects will be added through supplemental appendices.

5. Update on Outreach and Engagement Opportunities

- Ben Gettleman presented the development schedule for the Stakeholder Engagement chapter, reporting that a preliminary draft chapter will be sent to the PUT and comments are due December 7, 2012.
- Ben Gettleman presented on planning activities for public workshop #2, which will be held on January 28, 2013. Ben stated that an outreach/workshop subcommittee planning call was held on November 16, 2012. Ben noted that the topics for workshop #2 will be:
 - Projects to be included in Plan Update
 - Measuring progress toward achieving Bay Area IRWM goals
 - Finance

Action Item

- Kearns & West will distribute to the CC an electronic version of the November 16 outreach/workshop subcommittee planning call summary.

6. Incorporating Comments Into Draft Chapters

- Dana Haasz reported that conflicts have emerged with comments on Goals and Objectives, which have already been approved by the CC and incorporated into the project scoring process. Dana stated that the K/J team needs direction on how to address suggested changes to draft chapters recommended by reviewers that are in conflict with what the CC has already approved.
- Dana Haasz noted that the K/J team is looking to the Functional Area leads to respond to their targeted reviewers with explanations for how their comments were incorporated, or if not, why.
- Dana Haasz also noted that if reviewers are not able to use Google Docs, they can use FileVista instead.

Action Item

- Dana Haasz will develop a Goals and Objectives table highlighting substantive comments that were submitted, and will share this with the PUT for resolution.

7. Proposition 84 Round 2 Implementation Grant

- Brian Campbell provided an update on the preparation of the Proposition 84 Round 2 Implementation Grant proposal. Brian noted that 65 projects are interested in being

included in the proposal, and 40 of those projects have been deemed their number one priority by proponents.

- Brian Campbell reviewed the following options for prioritizing projects to be included in the proposal (these options are described in detail in a document included in the CC meeting packet):
 - Option A: Most integrated
 - Option B: Sub-regional prioritization
 - Option C: Functional Area emphasis
 - Option D: Climate Change emphasis
 - Option E: Hybrid
 - Option F: 100% scoring based
- Brian Campbell noted that Options A, B and C will be further fleshed out for the December 17, 2012 CC meeting.
- Jennifer Krebs provided an update on the process for identifying a proposal writer, noting that seven responses to the RFQ have been received. Jennifer added that she, Mark Boucher and Linda Hu are reviewing the responses; if others are interested in reviewing they should contact Jennifer. Jennifer will have a recommendation for the preferred proposal writer at the December 17, 2012 CC meeting. She will also have more information about the cost share agreement
- Comments from CC members on the development of the Proposition 84 Round 2 Implementation Grant proposal included:
 - Having the cost share agreement available will allow project proponents to gain a better understanding of the grant proposal and what will be required of the participating projects. There should be back-up projects available for inclusion in the proposal in case one or more projects pull out.
 - It should be made clear that projects might be removed from the proposal if they are not responsive to information requests.
 - If disadvantaged community projects are included in the proposal and do not pay the cost share, this could place a burden on the other projects
 - Having a smaller pool of active participants will be important for moving forward with the grant proposal. For the December 17, 2012 CC meeting, it should be identified which projects will be included in this group.

Group Decision

- The CC agreed to not pursue Option F.
- The CC agreed that there will be a 5% limit on planning grants.
- The CC agreed that the following CC members will lead the following proposal options:
 - Option A – Brian Campbell (Matt Gerhart will lead during the December 17, 2012 CC while Brian is on vacation)
 - Option B – Harry Seraydarian
 - Option C – Molly Petrick
 - Option D – Jennifer Krebs, Chris Choo

8. November 7 DWR IRWMP Leadership Exchange Workshop

- Thomasin Grim provided an update on the November 7, 2012 IRWMP Leadership Exchange Workshop, which she and Brian Mendenhall attended on behalf of the Bay Area IRWMP (Marie Valmores also attended, on behalf of East County IRWMP).

- It was suggested that a future CC meeting agenda item be dedicated to discussing strategies to address water resources management directly as opposed to focusing on DWR guidelines.

Action Item

- Kearns & West will forward the letter that Tracy Hemmeter sent to Mark Cowin, DWR, on behalf of the IRWM Roundtable of Regions.

9. Appreciation for Outgoing Chair

- CC members expressed their appreciation for outgoing CC Chair Paul Helliker.

10. Announcements and Next Steps

- An additional CC meeting will take place on January 14, 2013 from 12:00 – 3:00 p.m. It will be held in the Hetch Hetchy room at the San Francisco PUC.

BA IRWMP: Chapter Review Tracker

Chapter		Draft 1 PUT Plus List Comments via Google Drive (where available)		Draft 2 Targeted Reviewers List Comments via FA Leads (Word Doc)			
#	Name and Location	Released	PUT comments due	Released	Targeted Reviewers comments due	FA leads comments due	Notes
1	Governance		April 2012			June 2012	Final draft to be released pending clarification of outstanding governance processes.
2	Region Description		Sept 2012	11/9/12	11/30/12	12/7/12	
3	Objectives		6/11/12	11/12/12	11/16/12	11/27/12	
4	RMS						
6	Project Review	11/13/12	11/28/12	12/30/12			
7	Impacts & benefits						
8	Performance & Monitoring						
9	Data Management						
10	Financing	<i>12/30/12</i>	<i>1/20/13</i>				
11	Technical analysis						
12	Relation to Water planning						
13	Relation to land use planning						
14	Stakeholder	11/19/12	12/7/12				
15	Coordination						
16	Climate change						

GREY – Completed, Yellow – Active Assignment, Italics – Projected

Filevista Info: <http://www.kennedyjenks.com/filevista>.

Username: public , PWD: lps282

Go to Folder Ventura, then Bay Area IRWMP

12/11/2012

#69036

Task	Labor Invoiced	Comm. Charge Invoiced	Sub Markup	Expenses Invoiced	Task Total Estimated Cost	Amount Invoiced 11/9/12 #69036	Amount PAID #69036	Total Amount Previously Invoiced	Total Amount Previously PAID	Total Amount Invoiced to Date	Total Amount PAID to Date	Budget Remaining by Task	Percent Remaining	Amount Over Task Budget Not Paid to Date
Task 1 Governance					\$4,683	\$0.00	\$0.00	\$12,060.06	\$4,683.06	\$12,060.06	\$4,683.06	\$0	0.00%	\$7,377.00
Task 2 Region Description	\$2,508.75				\$33,094	\$2,508.75	\$2,508.75	\$29,339.17	\$29,339.17	\$31,847.92	\$31,847.92	\$1,246	3.77%	\$0.00
Task 3 Objectives	\$11,436.25				\$55,382	\$11,436.25	\$11,436.25	\$15,359.89	\$15,359.89	\$26,796.14	\$26,796.14	\$28,586	51.62%	\$0.00
Task 4 Resource Management Strategies					\$8,967	\$0.00	\$0.00	\$7,698.94	\$7,698.94	\$7,698.94	\$7,698.94	\$1,268	14.14%	\$0.00
Task 6 Project Review Process	\$9,098.75				\$89,127	\$9,098.75	\$9,098.75	\$26,521.89	\$26,521.89	\$35,620.64	\$35,620.64	\$53,506	60.03%	\$0.00
Task 7 Impacts and Benefits					\$23,612	\$0.00	\$0.00	\$7,686.64	\$7,686.64	\$7,686.64	\$7,686.64	\$15,925	67.45%	\$0.00
Task 8 Plan Performance and Monitoring					\$25,844	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$25,844	100.00%	\$0.00
Task 9 Data Management and Website					\$2,919	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$2,919	100.00%	\$0.00
Task 10 Financing	\$110.00				\$13,421	\$110.00	\$110.00	\$72.50	\$72.50	\$182.50	\$182.50	\$13,239	98.64%	\$0.00
Task 11 Technical Analysis					\$13,009	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$13,009	100.00%	\$0.00
Task 12 Relation to Local Water Planning	\$1,195.00	\$35.85	\$61.54		\$14,634	\$1,292.39	\$1,292.39	\$6,279.00	\$6,279.00	\$7,571.39	\$7,571.39	\$7,063	48.26%	\$0.00
Task 13 Relation to Local Land Use Planning					\$4,933	\$0.00	\$0.00	\$4,744.79	\$4,744.79	\$4,744.79	\$4,744.79	\$188	3.82%	\$0.00
Task 14 Stakeholder Involvement					\$113,514	\$0.00	\$0.00	\$78,893.61	\$78,893.61	\$78,893.61	\$78,893.61	\$34,620	30.50%	\$0.00
Task 15 Coordination				\$52.87	\$60,231	\$52.87	\$52.87	\$50,710.52	\$50,710.52	\$50,763.39	\$50,763.39	\$9,468	15.72%	\$0.00
Task 16 Climate Change	\$7,730.00	\$69.75	\$119.74		\$44,715	\$7,919.49	\$7,919.49	\$26,157.39	\$26,157.39	\$34,076.88	\$34,076.88	\$10,638	23.79%	\$0.00
Task 17 Preparation of Updated Plan					\$14,753	\$0.00	\$0.00	\$2,349.95	\$2,349.95	\$2,349.95	\$2,349.95	\$12,403	84.07%	\$0.00
Total:	\$32,078.75	\$105.60	\$181.28	\$52.87	\$522,838	\$32,418.50	\$32,418.50	\$267,874.35	\$260,497.35	\$300,292.85	\$292,915.85	\$229,922.15	50.11%	\$7,377.00

Zentraal

Invoice #1458, through October, 2012

		Amount Previously Invoiced	Amount Invoice #1458	Total Amount Invoiced	Amount Remaining	Percent Remaining
	Task Total					
Task 9	Data Management and Website					
	Tasks 1,2,4,5,7	\$29,400	\$1,120.00	\$12,428.00	\$16,972	57.73%
	Task 3	\$2,000	\$0.00	\$80.00	\$1,920	96.00%
	Task 6 (web hosting)	\$1,200	\$74.90	\$674.10	\$526	43.83%
	Total:	\$32,600	\$1,194.90	\$13,182.10	\$19,418	

Inv #	Amount
1261	\$1,059.80
1270	\$1,434.90
1268	\$1,904.90
1407	\$1,289.90
1408	\$1,534.90
1420	\$1,794.90
1445	\$2,967.90
1458	\$1,194.90
TOTAL	\$13,182.10

Memorandum

To: PUT

From: Dana Haasz, Catrina Paez

Subject: Bay Area IRWMP Update – How Targeted Reviewer comments to Chapter 3 were addressed

The following describes how comments submitted by the Targeted Reviewers on Draft 2 of Chapter 3: Objectives have been addressed.

Generally, suggested edits and text additions were incorporated as provided in Table 1; a tracked version is available if the PUT needs to review the edits. If the text was unclear to the reviewer, the text was modified and clarification was added. In a few cases the reviewer recommended “rewording” without specific suggestions, in these cases an attempt was made to clarify the text and these edits are referenced in the table below for the reviewer or PUT to confirm. Some comments and/or questions to information presented in the reviewed chapters may require further consideration and coordination by the PUT and are described in more detail below, along with other selected comments and suggestions that were addressed. In the table below, comments that require more direction or PUT input are highlighted in red.

The Goals and Objectives table was not edited, except in the case of obvious grammatical error (captured below), due to the extensive deliberations that went into developing the table. That table is appended with our comments in the text (DH) (Table 2). We will make changes to the table as directed by the PUT. The PUT can then choose to communicate with the Targeted Reviewers as it sees fit.

Table 1 : Comments in text

Comment ID	Page number	Comment/Suggestion	How comment was addressed
CM1, D2	1	Awkward sentence	reworded
TAH3	1	I don't recall Workshop 2 being discussed in the text.	Correct. Deleted reference to W2
D4	2	Consistent terminology	Changed to "suggested measures"
CM5	3	Describe CWC requirement	Spelled out and pointed to table 3-1
CM6	4	Awkward sentence	reworded
CM	4	Section 3.2.2 Suggested changing "guidance" provided to the FAs to "information".	"Guidance" was left in. It seems more fitting as the 3 listed items are not necessarily information.
TAH7	5	Suggested providing examples of measures and reference to performance chapter	Added both
D5	5	Comment is related to Goals and Objectives table and suggests explicit inclusion of climate change in all objectives	No recommendation. Topic of much debate, need to clarify final discussion and justification.
TAH8	6	Questioning how Requirements of CWC §10540 " identification of any significant threats to groundwater resources from overdrafting." addressed by goal #1	Prob checked goal 1 in error, meant to check Goal #2, as suggested. Recommend deleting check in goal 1 and marking goal 2 instead
TAH9	6	Not clear how Requirements of CWC §10540 "protection, restoration, and improvement of stewardship of aquatic, riparian, and watershed resources within the region" is addressed by goal 1	Requirement is related to the goal through the connection between promoting environmental sustainability and protecting, restoring and improving natural resources. Recommend leaving as is.
NR24	9	Objective 3.1, measure: "This last sentence is not clear. What is fee simple of conservation easements acquired? What is being measured"	Text corrected to read "fee simple <u>or</u> conservation easements."
NR25	10	Objective 4.1, measure "Spell out "dollars""	Change made.

Table 2

: Goals, Objectives and Suggested Measures for Meeting Regional Goals

Objectives	Suggested Measures
Goal 1: Promote Environmental, Economic and Social Sustainability	
1.1 Work with local land, water, wastewater and stormwater agencies, project proponents and other stakeholders to develop policies, ordinances and programs that promote IRWM goals, and -to determine areas of integration among projects	Number of local policies, ordinances, incentives and other programs that promote integrated planning and development of LID projects; number of integrated projects
1.2 Encourage implementation of integrated, multi-benefit projects	Examples of collaboration between government and regulatory agencies, project proponents and stakeholders; number of integrated projects; number of benefits/partners/FAS.
1.3 Plan for and adapt to more frequent extreme climate events	Number of projects that include climate change planning efforts; number of local efforts; number of projects that include climate adaptation strategies
1.4 Reduce energy use and/or use renewable resources where appropriate	Megawatt or kilowatt reduction in energy use; megawatts of renewable power sources. Number of projects with an energy reduction component.
1.5 Plan for and adapt to sea level rise	Number of projects that plan for and adapt to sea level rise, including keeping important infrastructure out of hazard zone; considering range of sea level projections when evaluating proposed water management projects practice and promote integrated flood management; AF water storage and conjunctive management of surface and groundwater resources; water resources management strategies that restore and enhance ecosystem services; avoiding significant new development in areas that cannot be adequately protected from flooding or erosion.
1.6 Secure adequate support, funding and partnerships to effectively implement plan.	Process to successfully respond to funding opportunities; dollars of grant funding; long-term project viability; number of projects implemented under new partnerships
1.7 Avoid disproportionate impacts to disadvantaged communities	Community support for local projects; amount reduction in risk to DACs
1.8 Promote community education, involvement and stewardship	Number of informational brochures, workshops, educational and technical assistance -events that address water reliability, watershed health, flood risks, flood protection and other IRWM goals; educational

Comment [TAH1]: Some of these seem more than tactics than objectives. For instance, support data gathering for climate change vulnerabilities is how we would achieve the objectives for planning and adapting to more frequent extreme climate events and sea level rise. I highlighted the ones that seem more like tactics than objectives.

I do think there would be benefit in consolidating objectives under this goal – it would make it seem less like a laundry list of things that didn't fit elsewhere.

Comment [D2]: By reading the suggested measure, one may see that the intent of this objective is to get integration at a higher governmental level than is being suggested in Obj 1.1, but really Objectives 1.1 and 1.2 are duplicative—Delete one and just combine the measures to include different types of projects that can be counted as examples that meet that objective. Luisa Valiela

Comment [DH3]: They are similar, but one deals with policies and one with projects

Comment [D4]: Would be good to provide examples here, so can be distinguished from Obj 1.5. Some of the measures in Obj 1.5 may be more appropriate linked to Obj 1.3 Luisa Valiela

Comment [D5]: Does it really need to be stated as an objective that implementing the IWRMP is an objective of the IWRMP? Luisa Valiela

		curricula for K-12
1.9	Support data gathering management for climate change vulnerabilities	Number of projects that provide climate change vulnerability data; number of monitoring stations; number of links and items in Bay Area IRWMP website climate change library (in development at this time); climate change vulnerability assessments completed
1.10	Enhance monitoring network and information sharing to support proper management of watersheds	Number of monitoring stations, number of monitoring plans; number of watersheds with trends measured using indicators; number of links and material on BAWN website (in development at this time)
1.11	Minimize health impacts associated with polluted water.	Compliance with all applicable water quality standards; number of customer complaints
1.12	Protect cultural resources	Project-specific cultural resources survey and monitoring results; acres of culturally valuable area and/or resource acquired or preserved through conservation easements or other means; number of projects implemented with cultural resources surveys/monitoring
1.13	Increase water resources related recreational opportunities	Miles of trails, acres of parklands and/or access added; number of amenities, visitor days added; miles of upgrades to trails and acres of upgrades to parklands
Goal 2: Improve water supply reliability and quality		
2.1	Provide adequate water supplies to meet demands.	Reliability of supplies of appropriate quality
2.2	Provide clean, safe, reliable drinking water.	Compliance with drinking water standards; acceptable levels of constituents of concern in drinking water at point of delivery
2.3	Minimize vulnerability of infrastructure to catastrophes and security breaches.	Number of vulnerability assessments; number of efforts to address vulnerabilities
2.4	Implement water use efficiency to meet or exceed state and federal requirements.	Progress toward SBX7-7 goals, number of water conservation measures adopted; annual per capita water use; acre feet of annual savings
2.5	Increase opportunities for recycled water use.	AFY of potable water use replaced by non-potable supply; AFY recycled water delivered to customers
2.6	Expand water storage and conjunctive management of surface and groundwater	AF of water storage; number of conjunctive management projects developed; AFY of reduced water dependency on the Delta; AFY of reduced dependency on imported water supplies
2.7	Provide for groundwater recharge while protecting groundwater resources from overdraft.	AFY artificial groundwater recharge

Comment [D6]: Gathering data is usually pretty useless unless someone is responsible for managing and QA/QC'ing the data for others to use. Suggested by Luisa Valiela

Comment [DH7]: "Gathering and management" makes sense and works without changing the intent and/or implications

Comment [DH9]: Measure customer service vs. technical standards

Comment [TAH10]: Seems duplicative of the objective 2.2.

Comment [DH11]: Recommended deletion by Tracy H (TAH)

2.8	Protection of groundwater resources from contamination	Migration of contaminant plumes; recharge area protection; degree to which groundwater quality meets basin plan objectives; monitoring of groundwater quality trends for nitrate concentrations and salinity; number of adopted groundwater management plans; number of SNMP activities implemented according to plan
Goal 3: Protect and improve watershed health and function and Bay water quality		
3.1	Protect, restore, and rehabilitate watershed processes	Miles of natural streams restored and/or rehabilitated; acres of wetlands protected and/or restored; acres of fee simple or conservation easements acquired.
3.2	Maintain health of watershed vegetation, land cover, natural stream buffers and floodplains, to improve filtration of point and nonpoint source pollutants	Acres of enhanced or reconnected floodplains; acres of created treatment wetlands; acres of uplands enhanced through best management practices, revegetation, sediment reduction or other measures; number of Low-Impact Development stormwater projects
3.3	Minimize point-source and non-point-source pollution	Implementation of delivery reduction practices; number of LID projects that store and infiltrate stormwater runoff; AFY stormwater capture; progress toward meeting established water quality objectives, TMDLs and NPDES; acreage managed with approved BMP techniques.
3.4	Control excessive erosion and manage sedimentation	Progress toward meeting established water quality objectives, sediment TMDLs and NPDES; number of sediment management or biotechnical bank stabilization projects; acres of uplands enhanced through best management practices, revegetation, sediment reduction or other measures
3.5	Improve floodplain connectivity	Acres of floodplain reconnected and preserved in 100-year floodplains; number of projects that reconnect former floodplains or create floodplain enhancements
3.6	Improve infiltration capacity	Miles of natural streams restored and/or rehabilitated; acres of uplands enhanced through best management practices, revegetation, runoff reduction or other measures; miles of streams de-channelized; LID projects implemented that include bioswales to increase perviousness; AFY stormwater capture; acres of created or enhanced floodplains
3.7	Control pollutants of concern	Progress toward meeting established water quality objectives, TMDLs and NPDES; number of projects that benefit water quality of 303(d) listed stream parameters

Comment [DH12]: Addressed in 2.2?

Comment [TAH13]: It would be good to have something about protecting all water supply sources. We also use local and imported surface water for water supply.

Comment [D14]: No objective specific to the Bay? Is this really more watershed focused?
Luisa Valiela

Goal 4: Improve Regional Flood Management		
4.1	Manage floodplains to reduce flood damages to homes, businesses, schools, and transportation-	Annual flood damages in dollars; frequency and extent of flooding; number of innovative flood management projects; AFY annual flood flows
4.2	Achieve effective floodplain management that incorporates land use planning and minimizes risks to health, safety and property by encouraging wise use and management of flood-prone areas	Policies and programs that encourage LID in new and rehabilitated development
4.3	Identify and promote integrated flood management projects to protect vulnerable areas	Number of integrated flood management projects
Goal 5: Create, protect, enhance, and maintain environmental resources and habitats		
5.1	Protect, restore, and rehabilitate habitat for species protection	Acres of habitat protected, restored and/or rehabilitated for species protection; number of at-risk species addressed; miles of wildlife corridors protected; acres of upland, riparian and bayland habitat restored and/or protected
5.2	Enhance wildlife populations and biodiversity (species richness)-	Number of species delisted; number of species addressed; population numbers targeted and/or improved; acres of expanded and/or enhanced habitat; number of species re-introduced
5.3	Protect and recover fisheries (natural habitat and harvesting)-	Number of species delisted; number of listed species addressed; creek miles of increased spawning habitat for fish; number of projects that improve passage
5.4	Reduce geographic extent and spread of pests and invasive species-	Acres of invasive species cover; invasive species numbers and/or targets reached; number of projects that map or monitor invasive species; acres of reduced impact from presence of pests and invasive species

Comment [D15]: Seem to be missing an opportunity to identify all the components that go into an integrated flood project- sediment supply, flood protection, natural channel with floodplain, riparian habitat, etc.. Luisa Valiela

Comment [DH16]: Addressed in goal 3?

Proposition 84 IRWM Implementation Grants, Round 2

Developing CC Options for Determining Composition of Grant Proposal

Background

- Up to \$20.086 million is available for the Bay Area in Prop 84 IRWM Grant Round 2 (\$20M is max if DAC target for CA is met; if not, more like \$18-20M).
- Prop 50 funding - \$12M went to water conservation and recycling
- Prop 84 Round 1 – \$30M went to “Regional” Projects based on limited funds (likely \$15M changed to \$30M late in the round) and time constraints to carry out sub-regional process.
 - \$19M of \$30M went to water conservation and recycling.
 - \$10M of \$30M went to Wetland Restoration, Green Infrastructure, Projects for Disadvantaged Communities, and fishery projects. \$1M for Admin efforts.
- **The allocation targets for each sub-region approved by the CC in 2008 will be tracked over P84 rounds to ensure geographic balance (N 25.02%, S 24.83%, E 28.65%, & W 21.50%).**

Options for Round 2

67 projects indicated interest by Oct 31 (2 dropped since), requesting \$110M. Each proponent with multiple projects was asked to prioritize similar type projects - approx 40 at Priority 1 requesting \$60M.

- A. Most Integrated (allocate 100% of grant via this method)
 - a. 65 projects grouped by number of functional areas that benefit (3 – high, 1 – low). Initial scores confirmed through vetting by level of primary and secondary benefits
 - b. Next Steps include:
 - i. Assessment of Functional Area representation, long-term allocation targets.
 - ii. Assessment of sub-regional allocations, #'s of fully regional projects, DACs.
 - iii. Look at numbers of projects included (large vs/ small asks), match funding amts.
 - iv. Adjustments for mismatches above, needs re: DWR criteria, readiness, ability to fund app, etc.
- B. Sub-regional prioritization – allocate 100% of grant by long term targets for sub-regions
 - a. North – Allocation of sub-amounts to four county areas based on same formula as used at Regional level. Each county area is providing feedback on priorities.
 - b. South – Prioritization of six projects to three projects complete. Integration was one of the key factors used.
 - c. West – Could allocate among each county if necessary. Balance among functional areas is important. One DAC project may qualify as meeting critical WS/WQ need (tbd).
 - d. East – Prioritization considerations still under development. 1-2 DAC projects may qualify as meeting critical WS/WQ need (tbd).
- C. Functional Area (FA) Emphasis - \$5M each for preliminary analysis
 - a. Recycled Water / Wastewater – preliminary prioritization of 10 projects to 5 complete. DWR benefit criteria and readiness-to-proceed were key considerations.
 - b. Habitat/Watershed – basic goal is best \$5M of habitat projects. Significant variance among project types in this category (apples/oranges), more detailed review continuing.
 - c. Water Supply Water Quality – BAWAC feedback to be solicited on the split between Water Conservation and other types of WS or reliability projects.
 - d. Flood Control / Stormwater – basic principles provided - direct benefits to FC/SW, favor multiple benefits, readiness to proceed, sub-region balance. Review ongoing.
- D. Climate Change Emphasis
 - a. 8 projects are directly designed to address climate change; grant request is \$15M+/-.
- E. Hybrid - tbd after further review of Options above
 - If a Regional component is included: 7 regional projects under review for Integration, ability to respond well to DWR criteria / requirements, and FA.

{Cont'd next page}

11/20/2012 - Draft

- F. 100% Scoring Based – Not recommended
 - a. This approach would likely lead to efficient, yet inequitable results.
 - b. Ranking could be considered as tie-breaking type info.

Factors to Consider

- Fair and equitable allocation of funds throughout Region, Sub-regions, and Functional Areas
- Maintain stakeholder engagement throughout Sub-regions and Functional Areas
- Clear policy guidance will allow efficient use of resources
- We want a successful grant proposal, therefore:
- Project Selection - Must meet DWR criteria for grant:
 - Benefit/ Cost analysis (ability to provide detail for analysis)
 - Match (25% match or DAC waiver)
 - Readiness to proceed

Bay Area IRWMP Project Screening Committee Meeting
15th Floor RWQCB, 1515 Clay St. Oakland
Thursday, Nov 29, 2012
1:30 pm – 3:00 pm
Draft Meeting Notes

1. Attendees – Harry S, Theresa Eade, Thomasin G, Jennifer K, Brian C; by phone – Mark B, Carl M, Linda H, Cheryl M, Chris C, Brian M, Molly P, Marie V., Carol M
2. Project Updates, Miscellaneous
 - a. NBWRA letter to add two North Bay projects, dated 11/21/12 – The request to add projects cannot be accommodated because the North Bay prioritization process was already complete when the request was received. The schedule does not allow for a redo of that process. A recommendation for next round is to clearly identify the group receiving the grant Notice and encourage recipients to forward the Notice to any and all partners.
3. Continue Development of Options, Next Steps
 - a. Option A – Most Integrated approach
 - i. The PSC agreed to complete development of the Most Integrated Option without factoring in the sub-regional target %'s for grants.
 - ii. The assessment of DWR Factors for each project will be presented on the next version of the Round 2 List. The combined score for Integration and DWR Factors will be the prioritization method.
 - iii. Functional Area & sub-regional priorities will be considered after completion of the Most Integrated Option when comparing options and developing one or more Hybrids.
 - iv. Planning/Assessment and DAC projects will be considered when options are compared.
 - v. Funding requests for the top ranked projects under this Option will be totaled after the assessment of DWR Factors above. Whether any individual project funding request will be modified is tbd.
 - b. Option D – Climate Change emphasis
 - i. Report out on ranking process. Draft Results:
 1. Building Climate Change Resiliency Along the Bay (Ora Loma)
 2. Breuner Marsh Restoration (EBRPD)
 3. Sears Point Restoration (Sonoma Land Trust, SCC)
 4. Gallagher Wells and Pipeline Project (NMWD)
 5. Implementing Land Smart Plans
 6. Rheem Creek Conservation Project
 7. The Students & Teachers Restoring a Watershed (STRAW)
 8. Bay Area Sea Level Rise Adaptation Strategy. This project contains two planning elements added to implementation.
 - ii. Thoughts on balance to reach \$20M? Await results on each option.
 - iii. Report out on ranking process for Regional projects. Draft Results:
 1. Bay Area Regional Conservation (Zone 7), {tie w/STRAW}

2. The Students & Teachers Restoring a Watershed (STRAW)
 3. Bay Area Sea Level Rise Adaptation Strategy
 4. 350 Home and Garden Challenge (Daily Acts)
 5. San Francisco Bay Livestock and Land Program
 6. PLANNING PROJECTS
 - a. Regional Green Infrastructure Capacity Building
 - b. Bay Area Creek Mouth Assessment Tool
- c. Hybrid Option E – Discussion Deferred until each Option is complete.
- i. Common Core of Projects? (Priorities in more than one Option)
 - ii. 80% Sub-regional, 20% Regional?
- d. Option B – Sub-regional approach
- i. East – notice sent to proponents (9) with grant requirements and Dec 3 response date. More review prior to next PSC mtg.
 - ii. West – Priority projects selected in SF and San Mateo Co. for a hypothetical 50%-50% split. Grant amounts per project not vetted.
 - iii. North – Priority projects previously provided. See Round 2 Table.
 - iv. South – Priority projects previously provided. See Round 2 Table.
- e. Option C – Functional Area approach
- i. Flood Control/Stormwater priority projects:
 1. Building Climate Change Resiliency (East)
 2. Petaluma Flood Impact Reduction & Habitat (North)
 3. SFPUC Eastside Green Infrastructure (West)
 4. San Jose Green Alleys (South)
 - ii. WS/WQ – prioritization between Conservation and other WS/WQ projects to be reviewed at BAWAC Dec 10. Options are 100% Conservation, 0% Conservation, and somewhere in-between.
 1. PSC Question – can Conservation work be more oriented to outdoor type activities that better integrates w/ other FAs?
 - iii. Habitat/Watershed Tier I projects (not in ranked order)
 1. Petaluma Flood Impact Reduction & Habitat
 2. Lagunitas Creek Sediment Reduction
 3. West San Mateo Co. fishery/habitat project(s)
 4. Napa River Restoration
 5. Sears Point Restoration
 6. S The Students & Teachers Restoring a Watershed (STRAW)
 7. TIER 2 PROJECTS
 - a. Building Climate Change Resiliency (Ora Loma)
 - b. Rubber Dam No. 1 Fish Ladder
 - c. Milliken Creek Flood damage reduction & fish passage
 - d. Solano Co. watershed improvements and acquisition(s)
 - iv. RW/WW priority projects (not in ranked order)
 1. Building Climate Change Resiliency (Ora Loma)
 2. SFO Reclaimed Water Facility
 3. North Bay Water Reuse Program – Sonoma Valley RWP Ph.2
 4. East Bayshore RWP Phase 1A

5. Daly City RWP Expansion

4. SFEP Coordination items (Jennifer)
 - a. Consultant assistance – seven proposals were received to prepare the regional IRWM grant proposal. Review ongoing, interviews to be scheduled soon.
 - b. Proposal Cost Sharing – Ongoing review for draft MOU/Agreement.
5. Upcoming Schedule (Brian)
 - a. Week of Dec 3 PSC mtg (Doodle results) – Dec 6, 1:30p (Thur) is best choice.
 - i. Complete Options and develop Hybrid(s)
 - b. Week of Dec 10 PSC mtg (Doodle results) – Dec 11, 1:30p (Tue) is current best choice, followed closely by Dec 13, 1:30p (Thur).
 - i. PSC Recommendation on Best Option
 - c. Dec 17 CC mtg – seek feedback on Options and Recommendation(s)
 - d. Jan 7 or 8 PSC mtg – follow up from Dec. CC mtg, if necessary
 - e. Jan 14 CC mtg – hold mtg date to finalize composition of grant proposal
6. Other
7. Next Mtg – Dec 6 (Thur), 1:30 pm, SCC 11th Floor

BAIRWMP Coordinating Committee

Schedule of Future CC Meetings

Date	Location
December 17, 2012 (*re-schedule of December 24 meeting date – holidays)	East Bay MUD, 2 nd Floor Training Room
January 14, 2013	San Francisco PUC, Hetch Hetchy conf. room
January 28, 2013	StopWaste.org
February 25, 2013	East Bay MUD, 2 nd Floor Training Room
March 25, 2013	East Bay MUD, 2 nd Floor Training Room
April 22, 2013	East Bay MUD, 2 nd Floor Training Room
June 3, 2013 (*re-schedule of May 27 meeting date – Memorial Day)	East Bay MUD, 2 nd Floor Training Room
June 24, 2013	East Bay MUD, 2 nd Floor Training Room
July 22, 2013	East Bay MUD, 2 nd Floor Training Room
August 26, 2013	TBD
September 23, 2013	TBD
October 28, 2013	TBD
November 25, 2013	TBD
December 23, 2013	TBD

APPENDIX 1-5: Draft Bay Area IRWMP Revised Project Review Process and Project Evaluation

Table of Contents

Table of Contents

<i>Section 6:</i>	<i>Project Review Process</i>	6-2
6.1	Background	6-2
6.2	Summary	6-2
6.3	Procedures for Submitting a Project to the IRWM Plan	6-3
	6.3.1 Project Template	6-3
	6.3.2 Call for Projects	6-4
	6.3.3 Review Matrix	6-5
6.4	Procedures for Review of Projects to Implement the IRWM Plan	6-7
	6.4.1 IRWMP Project Lists	6-7
	6.4.2 Project Review	6-8
6.5	Results	6-9
	6.5.1 Procedure for Communicating the List of Selected Projects	6-10
6.6	Adaptive Management Process	6-10
List of Tables		
	Table 6-1: Project Scoring Methodology	6-7
	Table 6-2: Project Scoring Results	6-11

Section 6: Project Review Process

The Bay Area IRWMP will be implemented through the specific studies, actions, projects, and programs proposed by the Region's stakeholders and participants. This chapter describes the process that was used for submitting, reviewing and scoring projects and provides the final, prioritized list of projects. Recognizing that regional priorities evolve over time, the CC will periodically review this IRWMP and the project listings herein, depending on changing conditions and availability of funds to perform future work, and make adjustments as necessary to respond to changes throughout the region.

6.1 Background

The 2006 IRWMP was adopted with 127 projects, which were sorted based on consistency with project assessment criteria. Subsequent to the adoption of the 2006 Plan, additional projects were added as appendices.

The 2006 Bay Area project prioritization process involved the following steps:

- Screen Projects for Inclusion in the IRWMP.
- Assemble IRWMP Projects into Cohorts.
- Identify Prioritization Criteria.
- Assess Projects with Respect to Criteria.

The screening method and criteria used to advance projects to the IRWMP varied by each of the four Functional Areas (FA); the cohorts were based on "readiness to proceed;" and the categories of assessment criteria were: IRWMP Goals, Bay Area Regional Criteria, Proposition 50 Program Preferences, and Proposition 50 Statewide Priorities.

The project assessment conducted for the 2006 Plan did not assign scores or rank the project list; the prioritization process was developed and implemented during the 2013 update). Based on input from DWR and the 2012 Proposition 84 Guidelines, the 2013 IRWMP project assessment criteria have been expanded beyond "readiness to proceed" to reflect the review factors identified by DWR, and the projects have been scored and ranked accordingly. The following sections describe that process.

6.2 Summary

The project prioritization process involved the following steps:

- Assembling a Master list of projects (Section 6.4.1)
- Conducting a preliminary subregional review to determine project eligibility (Section 6.4.2)
- Identifying prioritization criteria and weighting (Section 6.3.3)
- Scoring projects (Section 6.5)

Formatted: No underline, Font color: Auto

Formatted: No underline, Font color: Custom Color(13,43,136)

Formatted: normal, Space After: 12 pt

To identify potential projects that support IRWMP implementation and promote its goals and objectives, the Coordinating Committee (CC) held an open “call for projects,” which gave stakeholders the opportunity to submit their projects and project concepts for consideration. Stakeholders were encouraged to submit projects through a variety of channels, including subregional meetings, public workshops, email correspondence solicitations, and the IRWMP website. The solicitation yielded 332 projects submitted for inclusion in the Plan. Full project descriptions are located in **Appendix XXX** and <http://bairwmp.org/projects>.

The review and ranking process was developed by the Plan Update Team (PUT) and approved by the CC. The goal was to develop a process, from submittal through prioritization, which was transparent, replicable and consistent. Stakeholders were presented with the proposed process at the first public workshop on July 23rd and given an opportunity to provide comments.

The CC developed a scoring methodology that assigns projects into three tiers. The prioritization of projects is based upon a detailed two phase screening process consisting of an initial screening by the sub-region leads, followed by project evaluation and ranking. The process encouraged sub-regional integration while ranking at a regional level. The review and scoring process was available on the website so that project proponents were well informed about the process and how the projects would be ranked, as they completed their templates (see Section 6.3.1). All projects submitted are maintained on a Master List, and the list will be updated as projects are developed through time and re-prioritized.

A discussion of how each proposed project is related to resource management strategies selected for use in the IRWM Plan is found in Chapter 4.

6.3 Procedures for Submitting a Project to the IRWM Plan

To facilitate the project review, the PUT developed the following process and materials:

Formatted: normal, Space After: 12 pt

6.3.1 Project Template

In order to be eligible for review, all proponents were required to complete and submit the project template (**Appendix XXX**) or input project information directly into a web-based form based upon the project template. In developing the template, the PUT attempted to balance the level of effort and resources required by the project proponent to complete it, with the information needed in order to assess and rank the project. The PUT also framed the template to encourage submittal of projects that were at a more conceptual stage rather than just ready-to-proceed projects.

Formatted: normal, Space After: 12 pt

To support the submittal of projects at various stages of readiness, proponents were instructed to complete as much of the template as possible, but that all projects would be reviewed regardless of completeness. The template also outlined the cost/benefit information that would be required at a further stage for inclusion in a grant proposal. This allowed proponents to understand the level of detail that would be required to participate in a grant application, without yet requiring them to provide it.

The project template was approved by the CC in March 2012.

6.3.2 Call for Projects

| The CC launched an open call for projects in June 2012. It provided a link to the Project Template on the website and indicated the submittal due date — originally September 1, later moved to September 7— offered a “Frequently Asked Questions” (FAQ) section, and provided other relevant information.

Formatted: normal, Space After: 12 pt

| Stakeholders were informed of the project submittal deadline and process in a number of venues and communications. Meetings included Workshop #1 which was attended by 80 people and at which project criteria and online project submittal instructions were presented in detail. Additional meetings at which the criteria, deadline and process were described included sub-regional meetings, water and land use-related meetings and workshops, local government meetings, regular meetings of water associations and other meetings at which CC members were present.

| The communications avenues that explained the submittal process and deadline included the website notice and instructions, four emails to the 1,500-person master list that were related to Workshop #1, and separate email notices to the sub-regional lists.

In all the communications, stakeholders were encouraged to submit projects, by the deadline, in any stage of development, including concepts or ideas; the sub-region process provided an opportunity to move the concepts towards more developed implementation projects by providing guidance on project criteria, framing of the project in the context of being a multi-benefit, integrated project, and, in some cases, suggestions about potential partners. More information about the sub-region outreach process is provided in Chapter 14, Stakeholder Engagement.

Project proponents of both new and existing projects were instructed to complete the online project template. In order to facilitate this process, the CC did the following:

- Created a new online interface that allowed project proponents to easily update existing projects and enter new projects.
- Created basic instructions to help people input project data in the interface.
- Contacted project proponents of existing projects, including DAC-serving projects, and gave them accounts to access the site and website rights to update their own projects.
- Invited other stakeholders to submit projects.
- Provided guidance regarding the template to stakeholders at Workshop #1, including the opportunity to participate in a hands-on, step-by-step support session, though none of the participants requested that level of assistance at the workshop.

| With a few minor exceptions, the online project template provided an efficient and relatively easy way to submit and collect project proposals.

Formatted: normal, Space After: 12 pt

| More information on the stakeholder outreach for project submittal is presented in Chapter 14, Stakeholder Engagement.

6.3.2.1 Targeted Assistance for DAC Project Proponents

An effort was made to assist organizations and agencies with limited technical and time capacities to submit projects accurately and on time, particularly for projects serving DACs. The consultant team, sub-regional leads and SFEP staff provided outreach and assistance to DAC project proponents in a variety of ways, including:

Formatted: normal, Space After: 12 pt

- Developing a series of DAC-specific maps to help project proponents easily identify DACs and their relation to water resource facilities. These maps were posted on the BAIRWMP website and sent to the master distribution list to ensure that all stakeholders were aware of this resource and could access it easily.
- Clarifying DWR's DAC project eligibility criteria On behalf of DAC project proponents through requests for information, phone calls and email exchanges with DWR staff. In doing so, it was confirmed that any water resource project serving a DAC (i.e., not just projects addressing a critical water supply/quality need) would be eligible for the funding match waiver. This clarification helped expand the list of participating DAC projects considerably.
- Targeted assistance via phone and email to potential DAC projects proponents to ensure the application process was clear, that their projects met DWR's eligibility criteria, and that their project development and submittal processes were progressing successfully. DAC project proponents that received targeted assistance included (see **Appendix XXX** for a detailed log of targeted DAC outreach and assistance):
 - San Francisquito Creek Joint Powers Authority
 - City of East Palo Alto
 - Committee for Green Foothills
 - City of Pittsburg
 - City of Oakland
 - City of Berkeley
 - City of Calistoga
 - The Watershed Project
 - Alameda County Flood Control Agency
 - Rural Community Assistance Corporation/Town of Pescadero
 - Friends of Sausal Creek

6.3.3 Review Matrix

The PUT focused significant effort in developing a matrix to outline the project scoring methodology (Table 6-1). The intent was to develop a methodology that reflected DWR guidelines, limited ambiguity, and was replicable and transparent to participants and stakeholders.

Formatted: normal, Space After: 12 pt

The scoring methodology reflects the criteria of the DWR's IRWM Guidelines (July 2012 Draft) as well as the Bay Area IRWMP Goals and Objectives. The criteria include:

- Addressing Multiple Goals
- Integrating Multiple Resource Management Strategies
- Strategic Considerations for IRWM Plan implementation (regionalism, partnerships and integration)
- Project Status
- Technical Feasibility
- Benefits to DAC Water Issues
- Benefits to Native American Tribal Community Water Issues
- Environmental Justice Considerations
- Project Costs and Financing
- Economic Feasibility
- Climate Change Adaptation
- Reducing GHG Emissions
- Reducing Dependence on the Delta

Development of the assessment methodology and scoring was an iterative process. First the PUT began with the "review factors" identified in the 2012 DWR Guidelines and used that to finalize the scoring metrics, and assessment methodology, identifying what to score and how to score it. Where appropriate, the IRWM guidelines were also consulted for direction regarding the assessment methodology and weighting of the review factors.

| The PUT applied a weighting factor to the review factors indicating most important to least important from the perspective of identifying good projects to include in the Plan. Certain criteria, such as benefits to disadvantaged communities (DAC) water issues and reducing dependence on the Delta, did not receive points, but instead were assigned a Yes/No scoring so they could be identified and sorted by this factor. The scoring methodology was approved by the CC in August 2012.

| In developing a project review process, the CC did not consider any specific grant program-related selection criteria. The purpose of identifying projects in the IRWM Plan is to understand the needed actions to meet the IRWM Plan objectives and therefore not prioritize projects based on any specific grant program. The CC will apply grant criteria when moving projects from the scored list in the IRWMP to a specific grant proposal list.

Formatted: normal, Space After: 12 pt

Table 6-1: Project Scoring Methodology

6.4 Procedures for Review of Projects to Implement the IRWM Plan

6.4.1 IRWMP Project Lists

The projects were grouped into two project lists: a Master List and an Active List. The Master List contains all submitted projects, and the Active List contains projects that are moving forward for evaluation. The rules that govern the lists are as follows:

6.4.1.1 Master List

The IRWMP Master Project List is a non-scored list of projects that includes all projects that have ever been submitted for inclusion in the Plan, including project concepts. The Master List is composed of all projects from the 2006 IRWMP, projects in the appendices to the 2006 IRWMP, projects that were subsequently added to the list by the CC and all projects submitted to the 2013 Plan update. This list is located at: <http://bairwmp.org/projects>.

Any IRWMP stakeholder may submit a project for inclusion on the Master List by completing the Project Template (Section 6.3.1).

In advance of a review process, the CC sends an email to the list serve and posts to the website asking the project proponents of all projects on the Master List to confirm that the project is still active and that they want their project ranked. If the project proponent fails to confirm their involvement, the project will not move forward to the Active Project List.

Unless a project has been removed by the project proponent, it will remain on the Master List.

Projects may be added to or removed from the Master Project List at any time; however this must be done by the project proponent(s).

- o To remove a project, the project proponent must submit a written request for removal to the CC. The request for removal must include: the project title, consent to remove the project from all project lists and the reason for removal of the project.
- o In the event of multi-entity projects, all entities must agree to a project's removal.
- o It is the project proponent's responsibility to notify, and get consent from, any and all partnering entities of the removal of the project from the IRWMP Master List.

Formatted: normal, Space After: 10 pt, Line spacing: Multiple 1.15 li

Formatted: normal, Right: 1", Space After: 12 pt

Formatted: Font: 10 pt, Italic

Formatted: normal

Field Code Changed

Formatted: Font: 10 pt, Italic

- o In the case of multi-entity projects the “project proponent” refers to the lead entity.

The CC may commence a call for new projects. The confirmed projects and new projects will comprise the IRWMP Active List.

6.4.1.2 Active List

The Active List is a subset of the Master List and includes all projects that will be evaluated in the Project Review Process. (Section 6.4.2)

It is the project proponent’s responsibility to:

- o Complete the Project Template (as described in Section 6.3.1)
- o Ensure that project information is up to date
- o Respond to CC requests for information

Project(s) can be removed from the Active List by the CC if the project proponent does not meet its responsibilities. Projects removed from the Active List are maintained in the Master List until removed by the project proponent(s).

Subsequent to the 2013 Project Review Process, updates to the Project lists will be added to the Plan as appendices. The process is described in Section 6.6.

6.4.2 Project Review

Project review occurred in a two phase process:

Phase 1: Subregional Screening for Inclusion in the IRWMP

Projects first went through preliminary review at the subregional level to determine whether they complied with IRWM goals and guidelines. Projects were not considered eligible for further evaluation if:

- They did not meet at least one of the IRWM goals or objectives,
- They were not located in, or they did not benefit, the IRWM Region, or
- They did not comply with DWR guidelines, particularly technical feasibility

Projects that met the IRWM goals and guidelines were placed on the Active List and continued to Phase 2 for scoring and ranking.

Projects physically located in more than one subregion were reviewed in the subregion in which a majority of the project was located. Projects physically located in two or more subregions

Formatted: normal, Space After: 10 pt, Line spacing: Multiple 1.15 li

Formatted: normal, Space After: 12 pt

Formatted: Font: 10 pt, Italic

Formatted: normal

Field Code Changed

Formatted: Font: 10 pt, Italic

could also be deemed “Regional” by the Project Screening Committee (PSC) and approved by the CC as such. Regional projects were also reviewed by the PSC for compliance with the three criteria outlined above.

Formatted: normal, Space After: 10 pt, Line spacing: Multiple 1.15 li

Phase 2: Project Ranking

Projects on the Active List were reviewed, scored and ranked by the consulting team, using the project scoring methodology as a guide. Scores were based on information provided, not an evaluation of the information. The team first scored the regional projects in order to test the scoring process and identify any issues related to the methodology. The PSC reviewed the regional results, supported and contributed to the scoring and ranking process as needed, and was responsible for arbitrating any discussion and/or disagreement in the review process.

Formatted: normal, Space After: 12 pt, Don't keep with next

Formatted: Font: Not Bold

Formatted: normal, Space After: 12 pt

Note that PSC members who also represent project proponents or who are otherwise working to advance a project or projects (including a project that is included in a group project) on behalf of a project proponent were expected to recuse themselves from participating in the ranking of any such project, projects or group of projects. They are, however, able to clarify project information and respond to questions raised during Committee meetings or when otherwise authorized by the Committee chair.

Based on the resulting scores, projects were assigned into one of three tiers:

Tier 1: Fifty top-scoring projects

Tier 2: Projects not included on the Tier 1 List that receive more than 50 percent of the points available on the Review Matrix

Tier 3: All other scored projects

6.5 Results

The Master List includes 690 projects, 332 of which were submitted (or re-submitted) in the 2012 call for projects and went through the two-phase project review process. The Master List includes the following subcategories for projects submitted during the 2012 call for projects:

Formatted: normal, Space After: 12 pt

Number of projects on the Active List: 315

Number of regional projects: 30

Number of projects indicating benefits to DAC: 123

Number of projects that did not pass subregion review: 17

Of the 332 projects submitted, the subregion screening process identified 17 projects that were deemed ineligible because they did not meet the minimum criteria. Project proponents were provided a notice that the project did not advance to the ranking phase and were given an opportunity to address the CC at its monthly meeting. These projects remain on the Master List.

Formatted: Font: 10 pt, Italic

Formatted: normal

Field Code Changed

Formatted: Font: 10 pt, Italic

The remaining 315 projects that were included in the Active List continued to Phase 2 for scoring and ranking based on the methodology described in Section 6.3.3. The results of the project scoring are shown in Table 6-2.

Formatted: normal, Space After: 10 pt, Line spacing: Multiple 1.15 li

6.5.1 Procedure for Communicating the List of Selected Projects

Once the Active List projects were ranked, draft scores were posted on the Bay Area IRWM website. The PSC also contacted project proponents by email to announce the draft scores, the criteria used to score each project, and the Project Review Process guidance. Proponents were informed that the scored list would be published in the 2013 Plan and the project information would be used to update the Plan and describe the efforts to develop regional, integrated, and multi-benefit solutions for our water resources.

Formatted: normal, Space After: 12 pt

Project proponents were then given an opportunity to address errors identified in the project review process. Examples of errors the PSC would consider correcting included errors made by the scoring team or errors due to technical issues from the website and project information not being properly captured. Project proponents were requested to provide an explanation of the error and a proposed solution. Proponents were given two weeks to provide this information, which was submitted electronically. The PSC re-scored 17 projects.

6.6 Adaptive Management Process

The water management issues facing the Bay Area will change over time as regulations become more stringent, environmental conditions change, and new regional interests and goals emerge. As these issues evolve over time, the type of projects considered as regional priorities for implementation will change. Further, as projects are implemented and additional studies are completed, their readiness-to-proceed will change.

Recognizing that goals, objectives, and regional priorities evolve over time, the CC will review the Plan periodically, depending on changing conditions and availability of funds as future work is performed, and make adjustments as necessary to respond to changes throughout the region. This review will be informed by assessments performed by project proponents at the project level and by the Functional Area TCCs (refer to Section I: Technical Analysis and Plan Performance). Information collected through this review process will be used to inform decisions regarding IRWMP project sequencing, as well as updates to the regional goals, objectives, and priorities. This process of continual review and update will optimize the effectiveness of IRWMP implementation.

The IRWMP Project Review Process will generally take place on a schedule that anticipates an IRWMP update, a Proposal Solicitation Package, or as determined necessary by the CC. Subsequent to the completion of the Project Review Process in the 2013 IRWMP Update, projects to be added to the IRWMP will be reviewed and ranked by the PSC, subject to the approval of the CC, and a new list of Plan Projects generated. To the extent allowable under State IRWM guidelines and criteria, a new project submitted after adoption of the Plan will be considered by the appropriate functional area(s) to evaluate whether that project should be forwarded to the IRWMP CC as a high priority project to consider when the next available

Formatted: Font: 10 pt, Italic

Formatted: normal

Field Code Changed

Formatted: Font: 10 pt, Italic

funding proposal is developed. The schedule and process for each functional area may vary. Updates to the Project lists will be added to the Plan as appendices.

Table 6-2: Project Scoring Results

Formatted: normal, Space After: 10 pt, Line spacing: Multiple 1.15 li

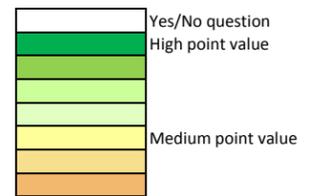
Formatted: Font: 10 pt, Italic

Formatted: normal

Field Code Changed

Formatted: Font: 10 pt, Italic

Yellow Shading = Directly From Prop 84 Guidelines REVIEW FACTORS					
Scoring Criteria	Scoring Objective	Scoring Metric(s)	Assessment Methodology & Scoring	Max Score	weighting
Addresses Multiple Goals	How the project contributes to the IRWM Plan Objectives	Number of goals and objectives the project addresses	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)	200	27%
Integrates Multiple Resource Management Strategies	How the project is related to resource management strategies	Address multiple RMS (CWP Management Outcomes)	20 points per each of the six CWP Management Outcomes met	120	16%
Strategic Considerations for IRWM Plan implementation		Regionalism: How much of the Bay Area Region does this project benefit?	50 points: project provides direct benefits to 1) 2 or more of the Bay Area Sub-Regions; or 2) at least three counties (portions within Region); or 2) six or more of the 20 Bay Area watershed areas as illustrated in Figure B-6 and listed in Table B-1 from 2006 IRWMP.	50	7%
			25 points: provides direct benefits to 1) at least two counties (portions with Region); or 2) at least three of the 20 Bay Area watershed areas as illustrated in Figure B-6 and listed in Table B-1 from 2006 IRWMP.		
			15 points: project provides direct benefits to one of the 20 Bay Area watershed areas as illustrated in Figure B-6 and listed in Table B-1 from 2006 IRWMP, AND at least one county (portions within Region).		
			5 points: project provides direct benefits to more than one watershed of smaller scale than the 20 Bay Area watershed areas as illustrated in Figure B-6 and listed in Table B-1 from 2006 IRWMP.		
		Partnership: How many entities are partnering to implement this project?	30 points if project involves three or more partners that include both government agencies and NGOs 20 points if project involves three or more partners. 10 points if project involves two partners. 0 points if Project involves only one entity.	30	4%
		Integration with land use planning -	20 points: Project increases coordination between water resources agencies and land use planning agencies	20	3%
Project Status	Considers the project's readiness to proceed	What is the current status of the project (with respect to the criteria listed in the scoring)?	2 points for each criterion met: Construction Drawings Land acquisition/easements complete CEQA/NEPA complete Preliminary Design complete Conceptual Plans complete	10	1%
Technical Feasibility	Technical feasibility of the project. Accesses the availability and quality of technical information in supporting project plan and results	Is this a common and widely accepted technology with well documented results? Is there enough known about the geologic conditions, hydrology, ecology or other aspect of the system where the project is located	75 points: Technical feasibility has been well documented and based on similar, successful studies and/or projects or established literature; the project is using a technology or processes that meet industry standards; the project includes pilot study results and/or an agency's own operational results to estimate benefits; project site conditions are known (soils, hydrology, ecology) 35 points: the project has not been done before but the project proponents provide adequate documentation related to the feasibility of the proposed process and project site conditions are known (soils, hydrology, ecology) 0 points: the project has not been done before, does not use industry standard processes, and/ or the project's projected benefits exceed those of similar studies with no supporting documentation provided.	75	10%
Benefits to DAC Water Issues	Considers if project provides specific benefits to critical water issues for disadvantaged communities and/or increases DAC participation.	Does the proposed project provide specific benefits to critical DAC water issues	Yes/No	Yes/No	Yes/No
Benefits to Native American Tribal Community Water Issues	Considers if project provides specific benefits to critical water issues for Native American tribal communities and/or increases tribal participation.	Does the proposed project provide specific benefits to critical Native American tribal community water issues?	Yes: 15points	15	2%
Environmental Justice Considerations	Considers if project addresses inequitable distribution of environmental burdens.	Does the proposed project redress inequitable distribution of environmental burdens and/or improve access to environmental goods?	Yes: 15points	15	2%
Project Costs and Financing	Identifies if project costs and financing have been assessed.	Has a project cost estimate been prepared and documented in Section 3 of the Project Template?	Yes: 25 points	25	3%
		Does project have identified sources at least 25% match funding?	Yes: 25 points	25	3%
Economic Feasibility	Benefits, monetized or non-monetized can be estimated (consistent with DWR Guidelines.)	Does the response to Section 3, Table A indicate proponent would be able to provide necessary data for an economic analysis, for a potential grant application?	50 points if primarily "yes"	50	7%
Climate Change Adaptation	Contribution of the project in adapting to the effects of climate change.	Will the project contribute to regional adaptation to projected climate change impacts?	5 points per strategy, up to 50 points	50	7%
Reducing GHG Emissions	Considers a project's ability to reduce regional GHG emissions, as compared to project alternatives. Considerations include energy efficiency and reduction of GHG emissions when choosing between project alternatives.	Compared to project alternatives, does the project reduce regional GHG emissions OR improve energy efficiency?	5 points per strategy, up to 50 points	50	7%
	Reducing dependence on the Delta		Yes/No	Yes/No	Yes/No



Total 735 100%

BA IRWMP Active Project List

Project Name	Goals/Integration/Coordination					Project Status	Technical Feasibility	Social Considerations			Financial Considerations			Environmental Considerations			Total Score	Rank	Tiers	Subregion	Sponsoring Agency
	Addresses Multiple Goals	Integrates Multiple Resource Management Strategies	Strategic Considerations for IRWM Plan implementation					Benefits to DAC Water Issues	Benefits to Tribal Community Water Issues	Environmental Justice Considerations	Project Costs & Financing		Economic Feasibility	Climate Change Adaptation	Reducing GHG Emissions	Reducing Dependence on the Delta					
			Regionalism	Partnership	Integration with Land Use Planning						Cost Estimate	Financing									
<i>Max Score</i>	200	120	50	30	20	10	75	Yes/No	15	15	25	25	50	50	50	Yes/No	735				
North Bay Water Reuse Program	180	120	50	20	20	8	75	No	0	0	0	25	50	50	20	No	618	1	Tier 1	North	North Bay Water Reuse Authority
Building Climate Change Resiliency Along the Bay with Green Infrastructure & Treated Wastewater	180	80	50	30	20	4	75	Yes	0	0	25	25	50	45	20	No	604	2	Tier 1	East North South	San Francisco Estuary Partnership
Resilient Landscapes Climate Adaptation Strategy: Tools for Designing Sustainable Bay Area Stream, Wetland, and Riparian Habitats	190	80	50	30	20	0	75	Yes	15	15	0	25	50	50	0	Yes	600	3	Tier 1	East North South West	San Francisco Estuary Institute - Aquatic Science Center
Sonoma Valley Integrated Water Management Program	200	100	15	30	20	2	75	Yes	0	0	0	25	50	50	15	No	582	4	Tier 1	North	Sonoma County Water Agency
Bay-Friendly Landscape Standards for Green Infrastructure Projects: Maximizing Watershed Benefits	200	100	50	20	20	10	75	Yes	0	0	0	25	0	50	30	Yes	580	5	Tier 1	East North South West	Bay-Friendly Landscaping & Gardening Coalition
Satellite Recycled Water Treatment Plant Project	140	120	25	20	20	0	75	Yes	0	0	25	25	50	50	25	Yes	575	6	Tier 1	East	East Bay Municipal Utility District (EBMUD)
Napa River Restoration, Bioassessment & Education Project	180	120	50	30	20	2	75	Yes	0	0	0	25	0	50	20	Yes	572	7	Tier 1	North	Napa County Resource Conservation District
Bay-Friendly Outreach Campaign for Home Gardeners and Nurseries	200	120	50	10	0	10	75	Yes	0	0	0	25	0	50	25	Yes	565	8	Tier 1	East North South West	Bay-Friendly Landscaping & Gardening Coalition
Bay-Friendly Qualified Landscape Professionals Training	200	120	50	10	0	10	75	No	0	0	0	0	0	50	30	Yes	545	9	Tier 1	East North South West	Bay-Friendly Landscaping & Gardening Coalition
City Watersheds of Sonoma Valley	200	80	5	30	20	0	75	No	0	0	0	25	50	50	10	No	545	9	Tier 1	North	Sonoma County Water Agency
East Bayshore Recycled Water Project Phase 1A	140	120	0	20	0	8	75	yes	0	0	25	25	50	50	25	Yes	538	11	Tier 1	East	East Bay Municipal Utility District
East Bayshore Recycled Water Project Phase 1B - Oakland-Alameda Estuary Crossing	140	120	0	20	0	8	75	yes	0	0	25	25	50	50	25	yes	538	11	Tier 1	East	East Bay Municipal Utility District
East Bayshore Recycled Water Project Phase 1B - Alameda	140	120	0	20	0	6	75	yes	0	0	25	25	50	50	25	yes	536	13	Tier 1	East	East Bay Municipal Utility District
Lake Chabot Raw Water Expansion Project	140	120	5	20	0	0	75	Yes	0	0	25	25	50	50	25	Yes	535	14	Tier 1	East	East Bay Municipal Utility District
Improving Quantitative Precipitation Information for the San Francisco Bay Area	170	100	50	20	0	0	75	Yes	0	0	0	25	50	40	5	Yes	535	14	Tier 1	East North South West	Zone 7 Water Agencies for Bay Area Flood Protection Agencies Association (BAFPAA)
East Bayshore Recycled Water Project Phase 2	140	120	0	20	0	2	75	yes	0	0	25	25	50	50	25	yes	532	16	Tier 1	East	East Bay Municipal Utility District
Richmond Advanced Recycled Expansion (RARE) Water Project Phase 2	140	120	0	20	0	2	75	Yes	0	0	25	25	50	50	25	Yes	532	16	Tier 1	East	East Bay Municipal Utility District
Rodeo Recycled Water Project	140	120	0	20	0	2	75	Yes	0	0	25	25	50	50	25	Yes	532	16	Tier 1	East	East Bay Municipal Utility District
Watershed Information Center & Conservancy of Napa County	150	80	15	30	20	6	75	Yes	0	0	25	25	50	45	10	Yes	531	19	Tier 1	North	County of Napa
Diablo Country Club Satellite Recycled Water Project	140	120	0	20	0	0	75	yes	0	0	25	25	50	50	25	yes	530	20	Tier 1	East	East Bay Municipal Utility District
Richmond Advanced Recycled Expansion (RARE) Water Project - Future Expansion	140	120	0	20	0	0	75	Yes	0	0	25	25	50	50	25	Yes	530	20	Tier 1	East	East Bay Municipal Utility District
San Leandro Water Reclamation Facility Expansion Project	140	120	0	20	0	0	75	Yes	0	0	25	25	50	50	25	Yes	530	20	Tier 1	East	East Bay Municipal Utility District
San Ramon Valley Recycled Water Program - Phase 5-6 (DSRSD-EBMUD Recycled Water Authority)	140	120	0	20	0	0	75	No	0	0	25	25	50	50	25	Yes	530	20	Tier 1	East	Dublin San Ramon Sanitary District - EBMUD Recycled Water Authority
Bay Area Green Infrastructure Initiative: Scientific support related to planning and implementation of water infrastructure upgrades toward green alternatives	160	80	50	0	20	0	75	Yes	0	0	0	25	50	50	20	Yes	530	20	Tier 1	East North South West	San Francisco Estuary Institute
Implementing "Slow It, Spread It, Sink It!" in Sonoma and Napa Counties	150	100	25	30	20	0	75	Yes	0	0	0	25	50	35	20	No	530	20	Tier 1	North	Southern Sonoma Resource Conservation District
Implementing LandSmart Plans to Improve Water Quality	150	80	25	20	20	0	75	Yes	0	0	25	25	50	40	20	No	530	20	Tier 1	North	Napa County Resource Conservation District
Petaluma Flood Impact Reduction, Water & Habitat Quality, Recreation, Phase IV	200	60	15	30	20	0	75	No	0	0	0	25	50	45	10	No	530	20	Tier 1	North	City of Petaluma, Southern Sonoma County Resource Conservation District
San Ramon Valley Recycled Water Program - Phase 2A (DSRSD-EBMUD Recycled Water Authority)	130	120	0	20	0	8	75	Yes	0	0	25	25	50	50	25	Yes	528	28	Tier 1	East	Dublin San Ramon Sanitary District - EBMUD Recycled Water Authority
San Ramon Valley Recycled Water Program - Phase 3 - 4 (DSRSD-EBMUD Recycled Water Authority)	130	120	0	20	0	6	75	Yes	0	0	25	25	50	50	25	Yes	526	29	Tier 1	East	Dublin San Ramon Sanitary District - EBMUD Recycled Water Authority
SFPUC Eastside Watershed Green Infrastructure Early Implementation Projects	170	100	5	0	20	0	75	Yes	0	0	0	25	50	45	30	No	520	30	Tier 1	West	San Francisco Public Utilities Commission (SFPUC)
SFPUC Westside Watershed Green Infrastructure Early Implementation Projects	170	100	5	0	20	0	75	Yes	0	0	0	25	50	45	30	No	520	30	Tier 1	West	San Francisco Public Utilities Commission
Reliez Valley Recycled Water Project	130	120	0	10	0	0	75	Yes	0	0	25	25	50	50	25	Yes	510	32	Tier 1	East	East Bay Municipal Utility District
Collaborative Aquatic Resource Protection in the Watershed Context: Science and Technology to Visualize Alternative Landscape Futures	200	80	15	0	0	0	75	yes	0	0	0	25	50	50	15	Yes	510	32	Tier 1	North	San Francisco Estuary Institute
The Students and Teachers Restoring A Watershed (STRAW) Project	160	40	50	30	0	6	75	Yes	0	15	0	25	50	50	5	No	506	34	Tier 1	East North West	PRBO Conservation Science
School District Green Infrastructure Capacity Building/Pilot Projects	140	100	50	30	20	0	75	Yes	0	15	0	25	0	35	15	Yes	505	35	Tier 1	East West	San Francisco Estuary Partnership
350 Home and Garden Challenge Bay Area	150	100	50	30	0	0	75	Yes	0	0	0	25	0	45	25	Yes	500	36	Tier 1	East North South West	Daily Acts
Implementation of High Priority Projects Identified in the Pilarcitos Creek Integrated Watershed Management Plan	160	80	5	20	20	6	75	No	0	0	0	25	50	45	5	No	491	37	Tier 1	West	San Mateo County Resource Conservation District (RCD)
Regional Green Infrastructure Capacity Building Program	140	40	50	30	20	0	75	Yes	0	0	25	25	50	20	10	Yes	485	38	Tier 1	East North South West	San Francisco Estuary Partnership
Contra Costa County LID School Program	170	80	15	10	0	0	75	yes	0	0	25	25	0	45	25	No	470	39	Tier 1	East	The Watershed Project
Refugio Creek and North Channel Restoration	180	60	0	10	20	8	75	Yes	0	0	20	25	50	20	0	No	468	40	Tier 1	East	City of Hercules
Stinson Beach flood protection and habitat enhancement project	180	60	0	20	20	8	75	No	0	0	0	25	50	25	5	No	468	40	Tier 1	North	Marin County Department of Public Works
Implementing TMDLs in the Napa River, Sonoma and Suisun Creek watersheds with the Fish Friendly Farming/Fish Friendly Ranching programs	160	60	50	30	20	2	75	Yes	0	0	0	25	0	35	10	No	467	42	Tier 1	North	California Land Stewardship Institute
Water Supply and Instream Habitat Improvements in Suisun Creek	140	60	15	30	0	2	75	Yes	0	0	25	25	50	35	10	Yes	467	42	Tier 1	North	Ca. Land Stewardship Institute
Napa River Restoration: Oakville to Oak Knoll Reach	120	60	15	30	20	4	75	Yes	0	0	25	25	50	35	5	No	464	44	Tier 1	North	Napa County
Decoto District Green Streets Phase 3	160	80	15	0	0	2	75	yes	0	0	0	25	50	40	15	yes	462	45	Tier 1	East	City of Union City
Contra Costa County Low Impact Development Rebate Program	170	80	15	10	20	0	75	yes	0	0	25	25	0	40	0	No	460	46	Tier 1	East	The Watershed Project

BA IRWMP Active Project List

Bay Area Regional Water Conservation and Education Program	150	80	50	20	0	10	75	Yes	0	0	0	25	0	40	10	Yes	460	46	Tier 1	East North South West	Zone 7 Water Agency, SFPUC and Contra Costa Water District
Ash Creek Stormwater Management and Wildlife Enhancement Project	140	80	0	30	20	0	75	Yes	0	0	0	25	50	30	5	No	455	48	Tier 1	North	Southern Sonoma County Resource Conservation District
Rindler Creek: Habitat Restoration and Erosion Control	170	40	15	30	20	2	75	Yes	0	0	0	25	50	20	5	No	452	49	Tier 1	North	Solano Resource Conservation District
Lagunitas Creek Watershed Sediment Reduction and Management Project	150	40	15	20	20	4	75	No	0	0	25	25	50	25	0	No	449	50	Tier 1	North	Marin Municipal Water District
Berryessa Creek Flood Protection Project	180	40	15	0	0	0	75	No	0	0	25	25	50	35	0	No	445	51	Tier 2	South	Santa Clara Valley Water District
Richardson Bay Erosional Shoreline Adaptation to Sea Level Rise: Draft Conceptual Designs and Opportunity/Constraints Assessment	170	80	5	20	0	2	75	No	0	0	0	0	50	40	0	No	442	52	Tier 2	North	Marin County Flood Control and Water Conservation District
Conserving Our Watersheds	160	80	25	30	0	0	75	No	0	0	0	25	0	40	5	No	440	53	Tier 2	North	Marin Resource Conservation District
Water Conservation and Mobile Water Lab Program	150	60	25	20	0	0	75	Yes	0	0	0	25	50	25	10	No	440	53	Tier 2	North	Southern Sonoma Resource Conservation District
Hayward Marsh Restoration and Enhancement Project	160	80	0	0	0	2	75	No	0	0	0	25	50	35	10	No	437	55	Tier 2	East	East Bay Regional Park District
McInnis Marsh Habitat Restoration Project	180	100	5	20	0	2	75	No	0	0	0	0	50	5	Yes	437	55	Tier 2	North	Marin County Parks	
Sonoma Valley Groundwater Banking Program	120	100	0	20	0	2	75	No	0	0	0	25	50	40	5	No	437	55	Tier 2	North	Sonoma County Water Agency
San Geronimo Landowner Assistance Program- Habitat Restoration Projects	160	60	5	10	20	0	75	No	0	0	0	0	50	50	5	No	435	58	Tier 2	North	Marin County Department of Public Works/SG Planning Group
LID and Stormwater Management - Lagunitas Watershed	150	60	15	10	20	2	75	No	0	0	25	0	50	25	0	No	432	59	Tier 2	North	The Watershed Project
Napa River Rutherford Reach Restoration Project	150	60	15	30	20	8	75	No	0	0	0	25	0	40	5	No	428	60	Tier 2	North	Napa County
Water Treatment Plant Improvement Project	150	120	0	0	0	2	75	Yes	0	0	0	25	0	40	15	Yes	427	61	Tier 2	East	City of Pittsburg
Corte Madera Creek Watershed Sediment Control and Drinking Water Reliability Project	140	60	15	10	0	6	75	No	0	0	25	25	50	20	0	No	426	62	Tier 2	North	Marin Municipal Water District
DDSD Recycled Water Distribution System Expansion	120	100	0	10	0	0	75	Yes	0	0	0	25	50	30	15	yes	425	63	Tier 2	East	Delta Diablo Sanitation District
San Francisco Bay Livestock and Land Program	110	40	50	30	0	0	75	No	0	0	25	25	50	15	5	No	425	63	Tier 2	East North South West	Ecology Action
The Bay Area Creek Mouth Assessment Tool	120	60	50	10	0	0	75	No	0	0	0	25	50	30	5	No	425	63	Tier 2	East North South West	San Francisco Estuary Partnership
Corte Madera Bayfront Flood Protection and Wetlands Restoration Project	180	40	5	30	20	0	75	yes	0	15	0	25	0	30	5	No	425	63	Tier 2	North	Marin Audubon Society/Marin Bayland Advocates
Miller Avenue Green Street Plan	160	40	0	10	20	6	75	No	0	0	25	25	50	0	10	No	421	67	Tier 2	North	City of Mill Valley
San Francisco Eastside Recycled Water Project	110	100	5	0	0	0	75	No	0	0	0	25	50	40	15	No	420	68	Tier 2	West	San Francisco Public Utilities Commission
San Francisco Westside Recycled Water Project	110	100	5	0	0	0	75	No	0	0	0	25	50	40	15	No	420	68	Tier 2	West	San Francisco Public Utilities Commission
Rheem Creek Conservation Project (Shortcut Pipeline Improvement Project)	130	60	0	20	0	2	75	Yes	0	0	25	25	50	30	0	No	417	70	Tier 2	East	Contra Costa Water District
Milliken Diversion Dam Flow Control	160	80	0	0	0	2	75	No	0	0	0	25	50	20	5	Yes	417	70	Tier 2	North	City of Napa Water Division
San Pablo Bay South Watershed Community Stewardship Program	100	60	15	30	20	0	75	Yes	0	0	25	25	50	10	5	No	415	72	Tier 2	East	The Watershed Project
Cleaning up trash in the Bay Area's stormwater	130	60	50	10	0	0	75	Yes	0	0	0	25	50	15	0	No	415	72	Tier 2	East North South West	Association of Bay Area Governments/SF Estuary Partnership
Albany Beach Restoration and Public Access Project	180	60	0	30	20	4	75	Yes	0	0	0	25	0	20	0	No	414	74	Tier 2	East	East Bay Regional Park District
Roseview Heights Mutual Water Tanks & Main upgrades	120	80	0	0	0	4	75	No	0	0	25	25	50	25	10	Yes	414	74	Tier 2	South	Roseview Heights Mutual Water Company
CCCSO Refinery Recycled Water Project	80	100	0	0	0	0	75	No	0	0	25	25	50	35	20	Yes	410	76	Tier 2	East	Central Contra Costa Sanitary District
Central Dublin RW Distribution and Retrofit Project	110	80	5	10	0	10	75	No	0	0	0	25	50	30	15	yes	410	76	Tier 2	East	Dublin San Ramon Services District
Recycled Water Distribution and Retrofit for County and Federal Facilities	110	80	15	10	0	0	75	No	0	0	0	25	50	30	15	Yes	410	76	Tier 2	East	Dublin San Ramon Services District
San Francisco Bay Tidal Marsh-Upland Transition Zone Decision Support System (DSS)	120	60	50	30	20	0	75	Yes	0	0	0	25	0	25	5	No	410	76	Tier 2	East North South West	San Francisco Bay Bird Observatory
City of Berkeley Watershed Management Plan	190	0	5	30	0	2	75	Yes	0	0	0	25	50	30	0	No	407	80	Tier 2	East	City of Berkeley
Zone 1 Recycled Water- Pleasant Hill Build Out	120	60	15	0	0	6	75	Yes	0	0	0	25	50	35	20	Yes	406	81	Tier 2	East	Contra Costa Sanitary District
Redwood Creek Restoration at Muir Beach, Phase 5	160	40	0	20	20	10	75	No	0	0	0	0	50	30	0	No	405	82	Tier 2	North	Golden Gate National Parks Conservancy
DERWA Pump Station 1 - Phase 2	110	80	5	10	0	2	75	No	0	0	0	25	50	30	15	yes	402	83	Tier 2	East	Dublin San Ramon Services District
Developing a Conservation Reserve Enhancement Program Proposal (CREP) to improve water quality and protect rangeland habitats in the Bay Area	150	80	50	0	20	0	75	Yes	0	0	0	0	0	20	5	No	400	84	Tier 2	East North South West	Defenders of Wildlife
Alhambra Valley Creek Coalition - Erosion Control and Riparian Restoration Project	140	60	0	30	20	2	75	No	0	0	0	0	50	20	0	No	397	85	Tier 2	East	Contra Costa County Public Works Dept.
Wildcat Creek Watershed Erosion and Sediment Control Project	200	60	15	0	0	2	75	Yes	0	0	0	25	0	20	0	No	397	85	Tier 2	East	East Bay Regional Park District
Bay Point Regional Shoreline Wetland Restoration	180	40	0	10	20	10	75	Yes	0	0	0	25	0	35	0	No	395	87	Tier 2	East	East Bay Regional Park District
Western Dublin Recycled Water Distribution Expansion and Retrofit Project	110	80	0	10	0	0	75	No	0	0	0	25	50	30	15	Yes	395	87	Tier 2	East	Dublin San Ramon Services District
Southwestern Solano County Open Space Acquisition and Watershed Assessment	140	40	0	10	20	0	75	Yes	0	0	25	25	50	10	0	No	395	87	Tier 2	North	Solano Land Trust
Corte Madera Creek Headwaters Restoration Plan	120	40	15	30	20	4	75	No	0	0	0	25	50	15	0	No	394	90	Tier 2	North	Marin County Parks
CCCSO-Concord Recycled Water Project	120	100	5	0	0	10	75	Yes	0	0	0	25	0	35	20	Yes	390	91	Tier 2	East	Central Contra Costa Sanitary District
Martinez Adult School Flood Protection & Creek Enhancement	140	60	0	10	20	0	75	Yes	0	0	0	25	50	10	0	No	390	91	Tier 2	East	Martinez Unified School District
Bay Area Regional Desalination Project (BARDP) - Alternative Analysis Report	90	80	50	20	0	0	75	Yes	0	0	0	25	0	30	20	Yes	390	91	Tier 2	East South West	EBMUD, CCWD, Zone 7, SCVWD, SFPUC
Redwood City Recycled Water Project Phase 2 – Central Redwood City	110	80	0	10	0	2	75	Yes	0	0	0	25	50	35	0	Yes	387	94	Tier 2	West	City of Redwood City
Suisun City Flood Management and Habitat Restoration Project	180	80	0	10	20	6	75	No	0	0	0	0	0	15	0	No	386	95	Tier 2	North	City of Suisun City
Upper Napa River Water Quality Improvement and Habitat Enhancement Project	150	40	5	30	20	0	75	Yes	0	0	25	0	0	35	5	No	385	96	Tier 2	North	California Land Stewardship Institute
San Francisco International Airport Industrial Waste Treatment Plant and Reclaimed Water Facility	110	80	0	0	0	0	75	No	0	0	0	25	50	30	15	Yes	385	96	Tier 2	West	City and County of San Francisco, Airport Commission
Bel Marin Keys Phase of the Hamilton Wetlands Restoration	90	40	15	0	20	8	75	Yes	0	0	25	25	50	30	5	No	383	98	Tier 2	North	Coastal Conservancy
Rubber Dam No. 1 Fish Ladder	120	100	15	30	0	0	75	No	0	0	0	0	0	35	5	Yes	380	99	Tier 2	East	Alameda County Water District
Rubber Dam No. 3 Fish Ladder	120	100	15	30	0	0	75	No	0	0	0	0	0	35	5	Yes	380	99	Tier 2	East	Alameda County Water District
Peacock Gap Recycled Water Extension Project	90	40	0	20	0	4	75	No	0	0	25	25	50	35	15	No	379	101	Tier 2	North	Marin Municipal Water District
Sausal Creek Restoration Project	180	60	0	10	0	8	75	Yes	0	0	0	25	0	15	5	No	378	102	Tier 2	East	City of Oakland
South Bay Salt Pond Restoration Project & South San Francisco Bay Shoreline Study: Early Implementation Activities	110	20	50	20	0	2	75	Yes	0	0	0	25	50	20	5	No	377	103	Tier 2	South	California State Coastal Conservancy
Rush Ranch HQ Storm Water Management, Public Access & Rangeland Improvements	140	40	0	0	0	2	75	No	0	0	25	25	50	15	0	No	372	104	Tier 2	North	Solano Land Trust
Bulano Creek Stream Course Restoration	120	40	15	20	0	0	75	Yes	0	0	0	25	50	25	0	No	370	105	Tier 2	West	California State Parks
Bolinas Avenue Stormwater Quality Improvements and Fernhill Creek Restoration	110	60	0	10	20	2	75	No	0	0	25	0	50	15	0	No	367	106	Tier 3	North	Town of Ross
DDSD Advanced Water Treatment	100	80	0	0	0	0	75	Yes	0	0	0	25	50	30	5	yes	365	107	Tier 3	East	Delta Diablo Sanitation District
Total Dissolved Solids Reduction/Salinity Management Project	100	60	0	0	20	0	75	Yes	0	0	0	25	50	25	10	Yes	365	107	Tier 3	East	Delta Diablo Sanitation District

BA IRWMP Active Project List

Sears Point Restoration Project	110	60	5	30	0	10	75	No	0	0	0	0	50	25	0	No	365	107	Tier 3	North	Sonoma Land Trust
Wildcat Creek Fish Passage and Habitat Restoration (1135)(#7)	150	40	15	30	0	2	75	Yes	0	0	0	25	0	25	0	No	362	110	Tier 3	East	Contra Costa County Flood Control and Water Conservation District
Napa County Groundwater/Surface Water Monitoring Wells	130	40	15	20	0	2	75	No	0	0	0	0	50	30	0	No	362	110	Tier 3	North	Napa County
Spring Branch Creek Tidal Marsh & Seasonal Creek Restoration	140	40	0	0	0	2	75	No	0	0	25	0	50	30	0	No	362	110	Tier 3	North	Solano Land Trust
Bay Area Water Supply and Conservation Agency (BAWSCA) – East Bay Municipal Utility District (EBMUD) Short-Term Water Transfer Pilot Project (Pilot Project)	80	40	50	20	0	0	75	Yes	0	0	0	25	50	20	0	No	360	113	Tier 3	East South West	Bay Area Water Supply and Conservation Agency (BAWSCA), East Bay Municipal Utility District (EBMUD)
Wildcat and San Pablo Creeks Restoration and Management Plan	140	60	15	0	0	2	75	Yes	0	0	0	25	0	35	5	No	357	114	Tier 3	East	Contra Costa County Flood Control and Water Conservation District
Mapping Marin County's Flood Control Levees	80	40	15	10	20	2	75	No	0	0	25	25	50	15	0	No	357	114	Tier 3	North	Marin County Flood Control and Water Conservation District
Rossmoor Well Replacement Project	120	100	0	0	0	0	75	Yes	0	0	0	25	0	25	10	Yes	355	116	Tier 3	East	City of Pittsburg
Shinn Pond Fish Screen	110	100	15	20	0	0	75	No	0	0	0	0	0	30	5	Yes	355	116	Tier 3	East	Alameda County Water District
Salvador Creek Integrated Flood and Watershed Improvements	160	60	0	20	20	0	35	No	0	0	0	25	0	30	5	No	355	116	Tier 3	North	Napa County Flood Control and Water Conservation District
Pacheco Marsh Restoration, Martinez (#111)	140	40	15	30	0	4	75	Yes	0	0	0	25	0	25	0	No	354	119	Tier 3	East	Contra Costa County Flood Control and Water Conservation District / Muir Heritage Land Trust / East Bay Regional Park District
Vista Grande Drainage Basin Improvement Project	110	60	0	10	20	4	75	No	0	0	0	0	50	20	5	No	354	119	Tier 3	West	San Francisco Public Utilities Commission
NMWD Gallagher Well and Pipeline Project	110	60	0	0	0	8	75	Yes	0	0	0	25	50	25	0	No	353	121	Tier 3	North	North Marin Water District
Pescadero Water Supply and Sustainability Project	60	60	5	10	20	2	75	Yes	0	0	25	25	50	15	5	No	352	122	Tier 3	West	County of San Mateo Department of Public Works and Parks
Mission Creek Flood Protection and Restoration Project	120	40	5	10	0	6	75	No	0	0	0	25	50	15	5	No	351	123	Tier 3	East	Alameda County Flood Control & Water Conservation District
Bay Area Water Supply and Conservation Agency (BAWSCA) Brackish Groundwater Field Investigation Project (Brackish Groundwater Project)	90	20	50	20	0	0	75	Yes	0	0	0	25	50	20	0	No	350	124	Tier 3	East South West	BAWSCA (Bay Area Water Supply & Conservation Agency)
Parks Floodplain Dedication and Levee Construction (R3-3)	150	60	15	0	20	4	75	No	0	0	0	0	0	25	0	No	349	125	Tier 3	East	Zone 7 Water Agency
Holmes Street Sedimentation Basin and Granada/Murrieta Protection and Enhancement Project (R3-4)	180	60	0	0	0	2	75	No	0	0	0	0	0	30	0	No	347	126	Tier 3	East	Zone 7 Water Agency
Robertson Park Enhancement Project and Levee Construction (R3-2)	150	80	0	10	0	2	75	No	0	0	0	0	0	25	0	No	342	127	Tier 3	East	Zone 7 Water Agency
Bayfront Canal Flood Management and Habitat Restoration Project	150	40	0	10	20	2	75	No	0	0	0	25	0	15	5	No	342	127	Tier 3	West	City of Redwood City
Montalvin Manor Stormwater Harvest and Use, Bioretention, and Flood Risk Reduction Project	130	60	0	0	20	0	75	No	0	0	0	0	0	40	15	No	340	129	Tier 3	East	Contra Costa County
Montezuma Creek Rehabilitation and Fish Passage Project	140	40	5	10	0	0	75	No	0	0	0	0	50	20	0	No	340	129	Tier 3	North	Marin County Parks Department
North Marin Water District Marin Country Club Recycled Water Expansion	110	40	15	0	0	0	75	No	0	0	0	25	50	20	5	No	340	129	Tier 3	North	North Marin Water District
Central/Eastshore Pump Station Improvement Project	130	40	0	0	0	4	75	No	0	0	0	25	50	15	0	No	339	132	Tier 3	East	City of Alameda
White Slough Flood Control and Improvement Project	160	60	0	0	0	8	75	Yes	0	0	0	0	0	35	0	No	338	133	Tier 3	North	Vallejo Sanitation and Flood Control District
Pinole Creek Habitat Restoration (1135 Project), Pinole (#12)	150	60	0	20	0	2	75	No	0	0	0	0	0	30	0	No	337	134	Tier 3	East	Contra Costa County Flood Control and Water Conservation District
Bolinas Lagoon Ecosystem Restoration Project	140	40	5	30	20	2	75	No	0	0	0	0	0	20	5	No	337	134	Tier 3	North	Marin County Open Space District
Milliken Creek Flood Reduction, Fish Passage Barrier Removal and Habitat Restoration	130	40	0	20	20	2	75	No	0	0	0	25	0	25	0	No	337	134	Tier 3	North	Napa County
Canal Liner Rehabilitation and Slope Stability at Milepost 23.03	90	60	0	10	0	6	75	Yes	0	0	0	25	50	20	0	Yes	336	137	Tier 3	East	Contra Costa Water District
DDSD Advanced Wastewater Treatment	80	80	0	0	0	0	75	yes	0	0	0	25	50	20	5	Yes	335	138	Tier 3	East	Delta Diablo Sanitation District
Niles Cone Groundwater Basin Monitoring Well Construction Project	100	60	15	20	0	0	75	No	0	0	0	25	0	30	5	Yes	330	139	Tier 3	East	Alameda County Water District
Regional Groundwater Storage and Recovery Project	90	20	15	20	0	4	75	No	0	0	0	25	50	20	10	Yes	329	140	Tier 3	West	SFPUC, Cities of Daly City and San Bruno and California Water Service Con
Lynch Canyon Watershed Improvements	130	60	5	0	0	8	75	Yes	0	0	0	25	0	20	5	No	328	141	Tier 3	North	Solano Land Trust
Arroyo las Positas Diversion Project (R5-3)	120	40	0	10	20	2	75	No	0	0	0	25	0	30	5	No	327	142	Tier 3	East	Zone 7 Water Agency
City of Hayward Recycled Water Project	130	40	0	10	0	2	75	No	0	0	0	25	0	30	15	No	327	142	Tier 3	East	City of Hayward
Contra Costa County Green Street Retrofit Network	130	60	25	0	0	0	75	Yes	0	0	0	25	0	10	0	No	325	144	Tier 3	East	Contra Costa County
Lagunitas Booster Station	80	40	0	10	0	2	75	No	0	0	25	25	50	15	0	No	322	145	Tier 3	North	Marin Municipal Water District
Lagunitas Creek Winter Habitat Enhancement Implementation	80	20	15	20	0	2	75	No	0	0	25	25	50	10	0	No	322	145	Tier 3	North	Marin Municipal Water District
Palo Alto Recycled Water Project	80	40	50	20	0	2	75	Yes	0	0	0	25	0	25	5	Yes	322	145	Tier 3	South West	City of Palo Alto
Alameda Creek Flood Protection, Fish Passage and Habitat Enhancement Project	80	40	0	30	0	0	75	No	0	0	0	25	50	20	0	No	320	148	Tier 3	East	Alameda County Flood Control & Water Conservation District
Upper Alameda Creek Filter Gallery Project	90	40	15	0	0	4	75	No	0	0	0	25	50	20	0	No	319	149	Tier 3	East	SFPUC
Fish Passage Improvements at Memorial County Park, San Mateo County	80	20	15	20	0	8	75	No	0	0	0	25	50	25	0	No	318	150	Tier 3	West	San Mateo County Resource Conservation District
DERWA Recycled Water Plant - Phase 2	70	40	5	10	0	2	75	No	0	0	0	25	50	25	15	yes	317	151	Tier 3	East	Dublin San Ramon Services District
Removing Fish Passage Barriers in the Napa River Watershed	100	20	15	20	20	2	75	No	0	0	0	0	50	15	0	No	317	151	Tier 3	North	Napa County Resource Conservation District
East Palo Alto Groundwater Supply Conjunctive Use Project	70	20	25	20	0	2	75	Yes	0	15	25	0	50	15	0	No	317	151	Tier 3	South West	City of East Palo Alto
Corte Madera Creek Watershed - Memorial Park Detention Basin, San Anselmo	180	20	0	0	0	0	75	No	0	0	0	25	0	15	0	No	315	154	Tier 3	North	Marin County Flood Control and Water Conservation District
Cesar Chavez Street Flood and Stormwater Managment Sewer Improvement Project	90	60	0	0	0	0	75	yes	0	0	0	25	50	10	5	No	315	154	Tier 3	West	San Francisco Public Utilities Commission
Water Dog Lake Sediment Removal	110	40	0	0	0	0	75	No	0	0	0	25	50	15	0	No	315	154	Tier 3	West	City of Belmont
ACPWA Low Impact Development Implementation and Demonstration Project: Parking Lot Stormwater Treatment Improvements	100	40	0	10	0	2	75	No	0	0	0	25	50	5	5	No	312	157	Tier 3	East	Alameda County Public Works Agency
Hillman Area Improvements Project	110	40	0	0	0	2	75	No	0	0	0	25	50	10	0	No	312	157	Tier 3	West	City of Belmont
Breuner Marsh Restoration, Richmond	130	40	0	0	0	6	75	Yes	0	0	0	25	0	30	5	Yes	311	159	Tier 3	East	East Bay Regional Park District
Pinole Creek Fish Passage Improvements project at I-80 Culverts	80	20	0	30	0	6	75	No	0	0	0	25	50	20	5	No	311	159	Tier 3	East	Contra Costa RCD
Upland Transition Zone Mapping for Southern San Pablo Bay (West):	100	40	5	30	20	0	75	No	0	0	25	0	0	15	0	No	310	161	Tier 3	North	Gallinas Watershed Council/Marin County DPW/marin County Parks and Op
San José Green Alleys Demonstration Project	80	40	0	30	20	8	75	Yes	0	15	0	25	0	15	0	No	308	162	Tier 3	South	City of San Jose
Daly City Expansion Recycled Water Project	70	60	25	10	0	2	75	No	0	0	0	25	0	30	10	No	307	163	Tier 3	West	SFPUC, City of Daly City
Ardenwood Creek Flood Protection and Restoration Project	90	40	0	0	0	0	75	No	0	0	0	25	50	20	5	No	305	164	Tier 3	East	Alameda County Flood Control & Water Conservation District
San Leandro Creek Hazard Tree Management and Riparian Habitat Restoration	120	60	0	0	0	0	75	Yes	0	0	0	25	0	15	5	No	300	165	Tier 3	East	ACFCWCD

BA IRWMP Active Project List

Bay Area Regional Reliability Interties - EBMUD/CCWD	90	40	50	20	0	0	75	Yes	0	0	0	0	0	20	5	Yes	300	165	Tier 3	East South West	EBMUD / Zone 7 / CCWD / SCVWD / SFPUC	
Corte Madera Creek Watershed - San Anselmo Creek Improvements	170	20	0	0	0	0	75	No	0	0	0	25	0	10	0	No	300	165	Tier 3	North	Marin County Flood Control and Water Conservation District	
Corte Madera Creek Watershed: Saunders Fish Barrier Removal	100	60	15	30	0	2	75	No	0	0	0	0	0	15	0	No	297	168	Tier 3	North	Town of San Anselmo, Friends of Corte Madera Creek Watershed, Ross Val	
Laguna Creek Flood Protection and Restoration Project	80	40	0	0	0	0	75	No	0	0	0	25	50	20	5	No	295	169	Tier 3	East	Alameda County Flood Control & Water Conservation District	
Martinez Water Quality and Supply Reliability Improvement Project	60	60	0	0	0	0	75	Yes	0	0	0	25	50	20	5	No	295	169	Tier 3	East	City of Martinez / Contra Costa Water District	
City of San Jose Citywide Storm Drain Master Plan	90	60	5	10	0	0	75	yes	0	0	0	25	0	30	0	No	295	169	Tier 3	South	City of San Jose	
Study of Mercury methylation in South San Francisco Bay in Relation to Nutrient Sources	100	40	15	30	0	0	75	No	0	0	0	25	0	10	0	No	295	169	Tier 3	South	San Francisco Estuary Institute	
EBMUD - Pretreatment Facilities	60	40	0	0	0	4	75	No	0	0	0	25	25	50	15	0	No	294	173	Tier 3	East	EBMUD
EBMUD/ZONE 7 Regional Reliability Intertie	90	40	50	10	0	2	75	No	0	0	0	0	25	0	0	Yes	292	174	Tier 3	East South West	EBMUD / Zone 7 / CCWD / SCVWD / SFPUC	
Soulajule Mercury Remediation	70	20	0	10	0	2	75	No	0	0	0	25	25	50	15	0	No	292	174	Tier 3	North	Marin Municipal Water District
Tomales Bay Watershed Water Quality Monitoring and Improvement Program	110	40	5	10	20	2	75	Yes	0	0	0	25	0	0	5	0	No	292	174	Tier 3	North	Tomales Bay Watershed Council Foundation
San Francisco Groundwater Supply Project	80	40	0	0	0	4	75	No	0	0	0	0	25	50	15	0	No	289	177	Tier 3	West	San Francisco Public Utilities Commission
San Gregorio Creek Tributary Water Quality and Flow Monitoring	100	60	15	10	0	4	75	No	0	0	0	0	0	25	0	No	289	177	Tier 3	West	San Gregorio Environmental Resource Center	
Walnut Creek Levee Rehabilitation at Buchanan Field Airport, Concord (#119)	120	40	0	20	0	2	75	Yes	0	0	0	0	25	0	5	0	No	287	179	Tier 3	East	Contra Costa County Flood Control and Water Conservation District
Altamont and Las Positas Creeks/Springtown Alkali Sink Restoration	70	20	5	30	20	0	75	No	0	0	0	0	0	50	15	0	No	285	180	Tier 3	East	Natural Resources Conservation Service, Alameda County
Corte Madera Creek Watershed - Broadmoor Avenue Bridge Replacement and Creek Bank Restorations	160	20	0	0	0	0	75	No	0	0	0	0	25	0	5	0	No	285	180	Tier 3	North	Marin County Flood Control and Water Conservation District
Regional Sea Level Rise Adaptation Strategy	20	40	50	30	20	2	75	Yes	0	0	0	0	25	0	15	5	No	282	182	Tier 3	East North South West	Bay Area Joint Policy Committee
Almaden Dam Improvements	80	60	15	0	0	2	75	No	0	0	0	0	25	0	20	5	Yes	282	182	Tier 3	South	Santa Clara Valley Water District
San José Green Streets Demonstration Project	80	20	15	30	20	6	75	Yes	0	0	0	0	25	0	5	5	No	281	184	Tier 3	South	City of San Jose
Lower Walnut Creek Restoration Project, Martinez (#110)	130	0	0	20	0	0	75	Yes	0	0	0	0	25	0	30	0	No	280	185	Tier 3	East	Contra Costa County Flood Control and Water Conservation District
Airway Improvement Project (R5-2)	120	40	0	0	0	2	75	No	0	0	0	0	25	0	15	0	No	277	186	Tier 3	East	Zone 7 Water Agency
Implementation of the Napa River Watershed Assessment Framework	60	40	15	10	20	2	75	Yes	0	0	0	0	25	0	25	5	No	277	186	Tier 3	North	Napa County Resource Conservation District
Tule Ponds Education Center Rehabilitation	90	40	0	30	0	0	75	No	0	0	0	0	25	0	15	0	No	275	188	Tier 3	East	Alameda County Flood Control & Water Conservation District
Grayson Creek Levee Rehabilitation at CCCSD Treatment Plant, Pacheco (#107)	100	40	0	20	0	0	75	yes	0	0	0	0	25	0	10	0	No	270	189	Tier 3	East	Contra Costa County Flood Control and Water Conservation District
San Lorenzo Creek Watershed Stewardship Program	100	40	15	30	0	0	75	No	0	0	0	0	0	10	0	No	270	189	Tier 3	East	Alameda Flood Control and Water Conservation District	
Corte Madera Creek Watershed - Fairfax Creek Improvements	140	20	0	0	0	0	75	No	0	0	0	0	25	0	10	0	No	270	189	Tier 3	North	Marin County Flood Control and Water Conservation District
Pine Creek Dam Seismic Assessment, Walnut Creek (#122)	120	20	0	20	0	2	75	No	0	0	0	0	25	0	5	0	No	267	192	Tier 3	East	Contra Costa County Flood Control and Water Conservation District
Corte Madera Creek Watershed: Sedimentation Management	140	20	0	0	0	2	75	No	0	0	0	0	25	0	5	0	No	267	192	Tier 3	North	Marin County Flood Control and Water Conservation District
Corte Madera Creek Watershed - Sleepy Hollow Creek Improvements	140	20	0	0	0	0	75	No	0	0	0	0	25	0	5	0	No	265	194	Tier 3	North	Marin County Flood Control and Water Conservation District
Wildcat Sediment Basin Desilt, North Richmond (#5)	90	40	0	20	0	4	75	Yes	0	0	0	0	25	0	10	0	No	264	195	Tier 3	East	Contra Costa County Flood Control and Water Conservation District
Arroyo De La Laguna (ADLL) Improvement Project 5 (R10-5)	110	40	0	0	20	2	75	No	0	0	0	0	0	15	0	No	262	196	Tier 3	East	Zone 7 Water Agency	
Corte Madera Creek Watershed - Nokomis-Madrone Neighborhood Flood Protection	130	20	0	0	0	0	75	No	0	0	0	0	25	0	10	0	No	260	197	Tier 3	North	Marin County Flood Control and Water Conservation District
Goat Island Marsh Tidal Marsh Restoration & Interpretive Nature Trail	10	40	0	0	0	4	75	Yes	0	0	0	25	25	50	30	0	No	259	198	Tier 3	North	Solano Land Trust
Arroyo De La Laguna (ADLL) Improvement Project 4 (R10-4)	130	40	0	0	0	2	75	No	0	0	0	0	0	10	0	No	257	199	Tier 3	East	Zone 7 Water Agency	
DA 48C Storm Drain Line at Marina Road, Bay Point (#_)	100	40	0	10	0	2	75	yes	0	0	0	0	25	0	5	0	No	257	199	Tier 3	East	Contra Costa County Flood Control and Water Conservation District
Lower Arroyo del Valle Restoration and Enhancement Project (R7-3)	110	40	15	0	0	2	75	No	0	0	0	0	0	15	0	No	257	199	Tier 3	East	Zone 7 Water Agency	
Walnut Creek Sediment Removal - Clayton Valley Drain to Drop Structure 1, Concord (#118)	80	40	0	20	0	2	75	Yes	0	0	0	0	25	0	15	0	No	257	199	Tier 3	East	Contra Costa County Flood Control and Water Conservation District
North Richmond Pump Station - Retrofit and Replumb	90	40	0	10	0	0	75	Yes	0	0	0	0	25	0	15	0	No	255	203	Tier 3	East	Contra Costa County/City of Richmond
San Leandro Creek Environmental Education Center, Alameda County	70	40	15	10	0	0	75	Yes	0	0	0	0	25	0	5	15	No	255	203	Tier 3	East	Alameda Count Flood Control and Water Conservation District
Marin County Flood Control Asset Management	50	20	15	0	0	8	75	No	0	0	0	0	25	50	10	0	No	253	205	Tier 3	North	Marin County Flood Control and Water Conservation District
Arroyo Mocho Bypass and Regional Storage at Chain of Lakes (R6-2)	100	40	0	0	0	2	75	No	0	0	0	0	25	0	10	0	No	252	206	Tier 3	East	Zone 7 Water Agency
Chelsea Wetlands Restoration Project	90	20	0	30	0	2	75	Yes	0	0	0	0	25	0	10	0	No	252	206	Tier 3	East	Ducks Unlimited, Inc. and City of Hercules
Upper York Creek Dam Removal -- St. Helena, Napa River Watershed	10	60	15	10	0	6	75	No	0	0	0	0	25	0	40	10	No	251	208	Tier 3	North	City of St. Helena/U.S. Army Corps of Engineers
Corte Madera Creek Watershed - Loma Alta Tributary Detention Basin	150	0	0	0	0	0	75	No	0	0	0	0	25	0	0	0	No	250	209	Tier 3	North	Marin County Flood Control and Water Conservation District
San Francisquito Creek Flood Reduction, Ecosystem Restoration and Recreation Project, Highway 101 to El Camino Real	140	0	50	0	0	0	35	Yes	0	0	0	0	25	0	0	0	No	250	209	Tier 3	South West	San Francisquito Creek Joint Powers Authority
Pine Creek Reservoir Sediment Removal and Capacity Restoration, Walnut Creek (#124)	80	40	0	20	0	2	75	No	0	0	0	0	25	0	5	0	No	247	211	Tier 3	East	Contra Costa County Flood Control and Water Conservation District
San Lorenzo Creek Tidal Wetlands Restoration	90	20	15	0	0	0	75	Yes	0	0	0	0	25	0	20	0	No	245	212	Tier 3	East	Alameda County Flood Control and Water Conservation District
Stivers Lagoon Marsh Project	70	60	0	0	0	0	75	Yes	0	0	0	0	25	0	15	0	No	245	212	Tier 3	East	Alameda County Flood Control and Water Conservation District
Pilarcitos Creek Equestrian Bridge	80	20	0	0	0	0	75	No	0	0	0	0	0	50	20	0	No	245	212	Tier 3	West	California State Parks
Mercury Reduction Benefits of Low Impact Development	110	20	15	0	20	2	35	Yes	0	0	0	0	25	0	15	0	No	242	215	Tier 3	East	Contra Costa County
Upper Arroyo de la Laguna (ADLL) Improvement Project (R8-4)	110	40	0	0	0	2	75	No	0	0	0	0	0	15	0	No	242	215	Tier 3	East	Zone 7 Water Agency	
Corte Madera Creek Watershed - Lefty Gomez Field Detention Basin	140	0	0	0	0	0	75	No	0	0	0	0	25	0	0	0	No	240	217	Tier 3	North	Marin County Flood Control and Water Conservation District
Corte Madera Creek Watershed - Merwin Avenue Bridge Replacement and Creek Bank Restorations	130	0	0	0	0	0	75	No	0	0	0	0	25	0	10	0	No	240	217	Tier 3	North	Marin County Flood Control and Water Conservation District
Marin County Sea Level Rise Land Use Adaptation	10	40	15	30	20	0	75	Yes	0	0	0	0	25	0	25	0	No	240	217	Tier 3	North	Marin County CDA
Arroyo De La Laguna (ADLL) Improvement Project 2 (R10-2)	110	40	0	0	0	2	75	No	0	0	0	0	0	10	0	No	237	220	Tier 3	East	Zone 7 Water Agency	
Lower Arroyo Mocho Improvement Project (R8-3)	90	40	15	0	0	2	75	No	0	0	0	0	0	15	0	No	237	220	Tier 3	East	Zone 7 Water Agency	
Grayson and Murderer's Creek Subregional Improvements, Pleasant Hill (#106)	80	20	0	20	0	2	75	Yes	0	0	0	0	25	0	10	0	No	232	222	Tier 3	East	Contra Costa County Flood Control and Water Conservation District
South Bay Aqueduct Turnout Construction and Low-Flow Crossings (R3-1)	80	60	0	0	0	2	75	No	0	0	0	0	0	15	0	No	232	222	Tier 3	East	Zone 7 Water Agency	

BA IRWMP Active Project List

Grant Avenue Green Street Water Quality/Flood Protection Demonstration Site	100	40	0	0	0	0	75	No	0	0	0	0	0	0	15	0	No	230	224	Tier 3	East	Alameda County Flood Control and Water Conservation District
DA 48B Storm Drain Line A at Port Chicago Highway, Bay Point (#201)	70	40	0	10	0	2	75	yes	0	0	0	0	25	0	5	0	No	227	225	Tier 3	East	Contra Costa County Flood Control and Water Conservation District
Grayson Creek Levee Raising and Rehabilitation, Pacheco (#)	100	20	0	0	0	2	75	yes	0	0	0	0	25	0	5	0	No	227	225	Tier 3	East	Contra Costa County Flood Control and Water Conservation District
Arroyo Mocho Management Plan (R6-1)	90	40	0	0	0	2	75	No	0	0	0	0	0	0	15	0	No	222	227	Tier 3	East	Zone 7 Water Agency
Chabot Canal Improvement Project (R8-2)	100	20	0	0	0	2	75	No	0	0	0	0	0	0	5	0	No	222	227	Tier 3	East	Zone 7 Water Agency
Grayson Creek Sediment Removal, Pacheco (unincorp.)(#109)	70	20	0	20	0	2	75	yes	0	0	0	0	25	0	10	0	No	222	227	Tier 3	East	Contra Costa County Flood Control and Water Conservation District
Grimmer Greenbelt Gateway (Line G Channel Enhancement)	70	40	0	0	0	0	75	yes	0	0	0	0	25	0	5	5	No	220	230	Tier 3	East	Alameda County Flood Control and Water Conservation District
SEDIMENT MANAGEMENT PLAN FOR THE GRAVEL CREEK WATERSHED	80	40	5	0	0	4	75	No	0	0	0	0	0	0	15	0	No	219	231	Tier 3	North	Vedanta Society of San Francisco
Arroyo De La Laguna (ADLL) Improvement Project 3 (R10-3)	90	40	0	0	0	2	75	No	0	0	0	0	0	0	10	0	No	217	232	Tier 3	East	Zone 7 Water Agency
Arroyo las Positas Multi-Purpose Project (R1-6)	90	40	0	0	0	2	75	No	0	0	0	0	0	0	10	0	No	217	232	Tier 3	East	Zone 7 Water Agency
San Lorenzo Creek Watershed Fisheries Restoration Project - Phase 1	70	40	15	0	0	0	75	No	0	0	0	0	0	0	15	0	No	215	234	Tier 3	East	Alameda County Flood Control and Water Conservation District
Stanley Enhancement and Restoration Project (R3-5a)	80	20	0	0	0	4	75	No	0	0	0	0	25	0	10	0	No	214	235	Tier 3	East	Zone 7 Water Agency
Wastewater Renewable Energy Enhancement	100	0	0	0	0	4	75	Yes	0	0	0	0	25	0	5	5	No	214	235	Tier 3	East	Delta Diablo Sanitation District
Line G-1-1 Maintenance Plan (R9-6)	90	40	0	0	0	2	75	No	0	0	0	0	0	0	5	0	No	212	237	Tier 3	East	Zone 7 Water Agency
Tassajara Creek Improvement Project (R8-1)	110	20	0	0	0	2	75	No	0	0	0	0	0	0	5	0	No	212	237	Tier 3	East	Zone 7 Water Agency
Recycled Water Facility Renewable Energy System	60	40	0	0	0	0	75	No	0	0	0	0	25	0	0	10	No	210	239	Tier 3	East	Delta Diablo Sanitation District
East Palo Alto Storm Water Conveyance, Tidal Flood Protection, Ecosystem Restoration, and Recreational Enhancement Project	90	0	0	20	0	0	75	Yes	0	0	0	0	25	0	0	0	No	210	239	Tier 3	West	San Francisquito Creek Joint Powers Authority
Castro Valley Flood Control Improvement Project	50	40	5	0	0	2	75	Yes	0	0	0	0	25	0	10	0	No	207	241	Tier 3	East	Alameda County Flood Control and Water Conservation District
Sinbad Creek Project (R11-2)	120	40	0	0	0	2	35	No	0	0	0	0	0	0	10	0	No	207	241	Tier 3	East	Zone 7 Water Agency
San Lorenzo Creek Flood Control Project - Phase 1	100	20	0	0	0	6	75	No	0	0	0	0	0	0	5	0	No	206	243	Tier 3	East	Alameda County Flood Control and Water Conservation District
Cull Canyon Dam and Reservoir Project	90	20	5	0	0	0	75	No	0	0	0	0	0	0	10	5	No	205	244	Tier 3	East	Alameda County Flood Control and Water Conservation District
Rodeo Creek Stabilization near Christie Road, Rodeo (#16)	70	60	0	0	0	0	75	No	0	0	0	0	0	0	0	0	No	205	244	Tier 3	East	Contra Costa County Flood Control and Water Conservation District
Mountain View/ Sunnyvale Recycled Water Intertie Alignment Study	70	0	0	20	0	0	75	No	0	0	0	0	25	0	10	5	Yes	205	244	Tier 3	South	City of Mountain View
Arroyo De La Laguna (ADLL) Improvement Project 1 (R10-1)	70	40	0	0	0	2	75	No	0	0	0	0	0	0	15	0	No	202	247	Tier 3	East	Zone 7 Water Agency
Sycamore Grove Recharge Bypass Project (R4-1)	100	20	0	0	0	2	75	No	0	0	0	0	0	0	5	0	No	202	247	Tier 3	East	Zone 7 Water Agency
Fish Barrier Removal at Railroad Overcrossing (R3-5b)	50	20	15	30	0	0	75	No	0	0	0	0	0	0	10	0	No	200	249	Tier 3	East	Zone 7 Water Agency
San Lorenzo Creek Watershed Fisheries Restoration Project - Major Fish Passage Barrier Removal (MB-10) Phase 2	50	40	15	0	0	0	75	No	0	0	0	0	0	0	20	0	No	200	249	Tier 3	East	Alameda County Flood Control and Water Conservation District
Estudillo Canal Area/San Leandro Flood Control Improvement Project - Phase 1	70	40	0	0	0	2	75	No	0	0	0	0	0	0	10	0	No	197	251	Tier 3	East	Alameda County Flood Control and Water Conservation District
Bayside Groundwater Project Phase 2	90	20	0	0	0	0	75	No	0	0	0	0	0	0	10	0	No	195	252	Tier 3	East	EBMUD
Bockman Canal Area Flood Control Improvement Project	60	40	15	0	0	0	75	No	0	0	0	0	0	0	5	0	No	195	252	Tier 3	East	Alameda County Flood Control and Water Conservation District
Rodeo Creek Sediment Removal, Rodeo (#14)	70	20	0	20	0	0	75	No	0	0	0	0	0	0	10	0	No	195	252	Tier 3	East	Contra Costa County Flood Control and Water Conservation District
Veterans' Court Seawall Reconstruction	30	0	0	0	0	2	75	No	0	0	0	0	25	50	10	0	No	192	255	Tier 3	East	City of Alameda
Portola Redwood State Park Wastewater System	50	60	0	0	0	2	75	No	0	0	0	0	0	0	5	0	No	192	255	Tier 3	West	(unknown)
San Pablo Bay South Watershed Awareness and Action Plan	0	0	50	20	20	0	75	yes	0	0	0	0	25	0	0	0	No	190	257	Tier 3	East	The Watershed Project
Arroyo Seco Improvements (R2-2)	60	40	0	0	0	2	75	No	0	0	0	0	0	0	10	0	No	187	258	Tier 3	East	Zone 7 Water Agency
Beach Watch Program	40	0	50	0	0	4	75	No	0	0	0	0	0	0	10	0	No	179	259	Tier 3	North South West	Farallones Marine Sanctuary Association
Alamo Canal/South San Ramon Creek Erosion Control (R9-1)	90	0	0	0	0	2	75	No	0	0	0	0	0	0	10	0	No	177	260	Tier 3	East	Zone 7 Water Agency
Alameda County Healthy Watershed Program	0	0	50	30	20	0	75	No	0	0	0	0	0	0	0	0	No	175	261	Tier 3	East	Alameda County Resource Conservation District
Charcot Storm Pump Station	0	60	0	0	0	0	75	No	0	0	0	0	25	0	15	0	No	175	261	Tier 3	South	City San Jose
Estudillo Canal Area/San Leandro Flood Control Improvement Project - Phase 2	50	40	0	0	0	2	75	No	0	0	0	0	0	0	5	0	No	172	263	Tier 3	East	Alameda County Flood Control and Water Conservation District
Estudillo Canal Area/San Leandro Flood Control Improvement Project - Phase 3	70	20	0	0	0	2	75	No	0	0	0	0	0	0	5	0	No	172	263	Tier 3	East	Alameda County Flood Control and Water Conservation District
Mission Boulevard to Meek Estate Creekside Trail and Habitat Improvements	60	20	15	0	0	2	75	No	0	0	0	0	0	0	0	0	No	172	263	Tier 3	East	Alameda County Flood Control and Water Conservation District
South East Bay Plain Basin Subsidence Monitoring Network	40	20	0	0	0	0	75	Yes	0	0	0	0	25	0	10	0	No	170	266	Tier 3	East	EBMUD
Sulphur Creek/Hayward Flood Control Improvement Project	60	20	5	0	0	0	75	No	0	0	0	0	0	0	10	0	No	170	266	Tier 3	East	Alameda County Flood Control and Water Conservation District
Corte Madera Creek Tidal Marsh Restoration	10	60	0	0	0	0	75	No	0	0	0	0	0	0	20	5	No	170	266	Tier 3	North	Friends of Corte Madera Creek Watershed; Marin County Water Conservati
Alamo Canal Flood Control Program (R9-7)	80	0	0	0	0	2	75	No	0	0	0	0	0	0	10	0	No	167	269	Tier 3	East	Zone 7 Water Agency
Capacity Improvement at Arroyo las Positas (R1-7)	50	20	0	10	0	2	75	No	0	0	0	0	0	0	10	0	No	167	269	Tier 3	East	Zone 7 Water Agency
Velocity Control Project (R2-1)	40	40	0	0	0	2	75	No	0	0	0	0	0	0	10	0	No	167	269	Tier 3	East	Zone 7 Water Agency
San Lorenzo Creek Flood Control Project - Phase 2	30	40	0	0	0	6	75	No	0	0	0	0	0	0	15	0	No	166	272	Tier 3	East	Alameda County Flood Control and Water Conservation District
Tice Creek Bypass (Drainage Area 67), Walnut Creek, CA (#117)	50	20	0	0	0	2	75	No	0	0	0	0	0	0	10	0	No	157	273	Tier 3	East	Contra Costa County Flood Control and Water Conservation District
Alkali Sink Management (R1-2)	40	0	0	0	20	2	75	No	0	0	0	0	0	0	15	0	No	152	274	Tier 3	East	Zone 7 Water Agency
Assessment of an urban watershed and implementation of urban stormwater retrofit projects	0	40	0	30	20	0	35	Yes	0	0	0	0	25	0	0	0	No	150	275	Tier 3	East	Friends of Sausal Creek
Streambank and Habitat Restoration Projects	0	0	15	30	20	0	35	No	0	0	0	0	0	0	50	0	No	150	275	Tier 3	East	Alameda County Resource Conservation District
Line T Crossing Retrofit (R9-4)	50	20	0	0	0	2	75	No	0	0	0	0	0	0	0	0	No	147	277	Tier 3	East	Zone 7 Water Agency
Headquarters Facility - Landscaping	30	20	0	0	0	8	75	No	0	0	0	0	0	0	10	0	No	143	278	Tier 3	East	Alameda County Water District
Alameda County Habitat Easements	0	0	15	30	20	0	75	No	0	0	0	0	0	0	0	0	No	140	279	Tier 3	East	Alameda County Resource Conservation District
Creek Signage	0	0	15	0	0	0	75	No	0	0	0	0	0	0	50	0	No	140	279	Tier 3	East	Alameda County Resource Conservation District
Arroyo las Positas Habitat Enhancement and Recreation Project (R1-5)	30	20	0	0	0	2	75	No	0	0	0	0	0	0	10	0	No	137	281	Tier 3	East	Zone 7 Water Agency
Springtown Golf Course Improvements (R1-4)	20	40	0	0	0	2	75	No	0	0	0	0	0	0	0	0	No	137	281	Tier 3	East	Zone 7 Water Agency
Implementation of Pond Management Plan	0	20	0	0	0	6	75	No	0	0	0	0	25	0	5	0	No	131	283	Tier 3	West	Midpeninsula Regional Open Space District
Alameda County Foothill Blvd. Transportation Stormwater Quality Improvement	30	0	0	0	0	0	75	Yes	0	0	0	0	25	0	0	0	No	130	284	Tier 3	East	Alameda County
Palo Alto Golf Course Redesign Wetlands Enhancement and Restoration Project	40	0	15	0	0	0	75	No	0	0	0	0	0	0	0	0	No	130	284	Tier 3	South	City of Palo Alto
Altamont Creek Improvement (R1-1)	30	0	0	0	0	2	75	No	0	0	0	0	0	0	20	0	No	127	286	Tier 3	East	Zone 7 Water Agency
San Francisquito Watershed Plan	0	0	50	0	0	0	75	No	0	0	0	0	0	0	0	0	No	125	287	Tier 3	South West	San

BA IRWMP Active Project List

South San Francisco Recycled Water Facility	0	0	0	20	0	4	75	Yes	0	0	0	25	0	0	0	No	124	288	Tier 3	West	South San Francisco/SFPUC
Alameda County Adopt-A-Creek-Spot	0	0	15	30	0	0	75	No	0	0	0	0	0	0	0	No	120	289	Tier 3	East	Alameda County Resource Conservation District
San Catano Creek culvert repair and enhancement	0	20	0	0	0	0	75	No	0	0	0	25	0	0	0	No	120	289	Tier 3	East	City of San Ramon
Corte Madera Creek Watershed Infiltration and Storage Assessment	0	0	15	10	20	0	75	No	0	0	0	0	0	0	0	No	120	289	Tier 3	North	Ross Valley Watershed Program, Friends of Corte Madera Creek Watershed
Springtown Improvements (R1-3)	30	0	0	0	0	2	75	No	0	0	0	0	0	10	0	No	117	292	Tier 3	East	Zone 7 Water Agency
South East Bay Plain Basin Groundwater Model Enhancements	20	20	0	0	0	0	75	No	0	0	0	0	0	0	0	No	115	293	Tier 3	East	East Bay Municipal Utility District
Wildcat/San Pablo Creeks Phase II Channel Improvements, San Pablo (#9)	30	20	0	0	0	0	35	Yes	0	0	0	25	0	5	0	No	115	293	Tier 3	East	City of San Pablo
Anderson Dam Seismic Retrofit	0	0	15	0	0	0	75	No	0	0	0	25	0	0	0	No	115	293	Tier 3	South	Santa Clara Valley Water District
Alameda County Riparian Invasive Mapping and Removal	0	0	15	10	0	0	75	No	0	0	0	0	0	0	0	No	100	296	Tier 3	East	Alameda County Resource Conservation District
Corte Madera Creek Watershed: Barriers to Fish Passage in Sleepy Hollow Creek	0	0	15	10	0	0	75	No	0	0	0	0	0	0	0	No	100	296	Tier 3	North	Town of San Anselmo, Marin County Department of Public Works
Napa River Arundo Removal Lodi Lane to Zinfandel Lane	0	0	15	0	0	0	75	No	0	0	0	0	0	0	0	No	90	298	Tier 3	North	Napa County Flood Control and Water Conservation District
SCADA System Major Upgrades	40	0	0	0	0	4	35	No	0	0	0	0	0	5	5	No	89	299	Tier 3	East	Alameda County Water District
Alameda County Patterson Pass Road Transportation Stormwater Quality Improvement	0	0	5	0	0	0	75	No	0	0	0	0	0	0	0	No	80	300	Tier 3	East	Alameda County Water District
Alameda County Tesla Road Transportation Stormwater Quality Improvement	0	0	5	0	0	0	75	No	0	0	0	0	0	0	0	No	80	300	Tier 3	East	Alameda County Water District
Corte Madera Creek Watershed: Smolt Trapping	30	0	15	0	0	0	35	No	0	0	0	0	0	0	0	No	80	300	Tier 3	North	Friends of Corte Madera Creek Watershed
Agricultural Riparian Buffer and Habitat Enhancement	0	0	0	0	0	0	75	No	0	0	0	0	0	0	0	No	75	303	Tier 3	East	Alameda County Resources Control District
Alameda County Norbridge/Strobridge Road Transportation Stormwater Quality Improvement	0	0	0	0	0	0	75	No	0	0	0	0	0	0	0	No	75	303	Tier 3	East	Alameda County Water District
Suisun Valley Flood Management	20	20	0	0	0	0	35	No	0	0	0	0	0	0	0	No	75	303	Tier 3	North	Solano County Water Agency
Santa Clara Valley Water District Advanced Recycled Water Treatment Facility Expansion Project	0	0	0	0	0	0	75	No	0	0	0	0	0	0	0	No	75	303	Tier 3	South	Santa Clara Valley Water District
Exterior Painting of Skyline Tanks	0	0	0	0	0	0	75	No	0	0	0	0	0	0	0	No	75	303	Tier 3	West	Westborough Water District
Installation of a New Seismic Valve at Skyline Tanks	0	0	0	0	0	0	75	No	0	0	0	0	0	0	0	No	75	303	Tier 3	West	Westborough Water District
Memorial Park Waste Water Treatment	0	0	0	0	0	0	75	No	0	0	0	0	0	0	0	No	75	303	Tier 3	West	San Mateo County
Solano Project Terminal Reservoir Seismic Mitigation	30	0	0	0	0	0	35	No	0	0	0	0	0	0	0	No	65	310	Tier 3	North	Solano County Water Agency
Alameda County Vasco Road Transportation Stormwater Quality Improvement	0	0	5	0	0	0	35	No	0	0	0	0	0	0	0	No	40	311	Tier 3	East	Alameda County Water District
Permanente Creek Flood Protection	0	0	0	0	0	0	35	No	0	0	0	0	0	0	0	No	35	312	Tier 3	South	Santa Clara Valley Water District
New Pressure Reducing Valve (PRV) Station	0	0	0	0	0	0	35	No	0	0	0	0	0	0	0	No	35	312	Tier 3	West	Westborough Water District
New Tank Mixer for Skyline Tanks	0	0	0	0	0	0	35	No	0	0	0	0	0	0	0	No	35	312	Tier 3	West	Westborough Water District
Westborough Main Pump Station Generator	0	0	0	0	0	0	35	No	0	0	0	0	0	0	0	No	35	312	Tier 3	West	Westborough Water District