RESOLUTION NO. 2013-003

OF THE BOARD OF DIRECTORS OF THE

BORON COMMUNITY SERVICES DISTRICT

Resolved by the Board of Directors of the Boron Community Services District, that application be made to the California Department of Water Resources to obtain an Integrated Regional Water Management Implementation Grant pursuant to the Safe Drinking Water, Water Quality and Supply, Flood Control, River and Coastal Protection Bond Act of 2006 (Public Resource Code Section 75001 *et seq.*), and to enter into an agreement to receive a grant for the: Integrated Regional Water Management Proposition 84 Round 2 Implementation Grant.

James H. Sommers, the Board President of the Boron Community Services District, is hereby authorized and directed to prepare the necessary data, conduct investigations, file such application, and execute a grant agreement with California Department of Water Resources.

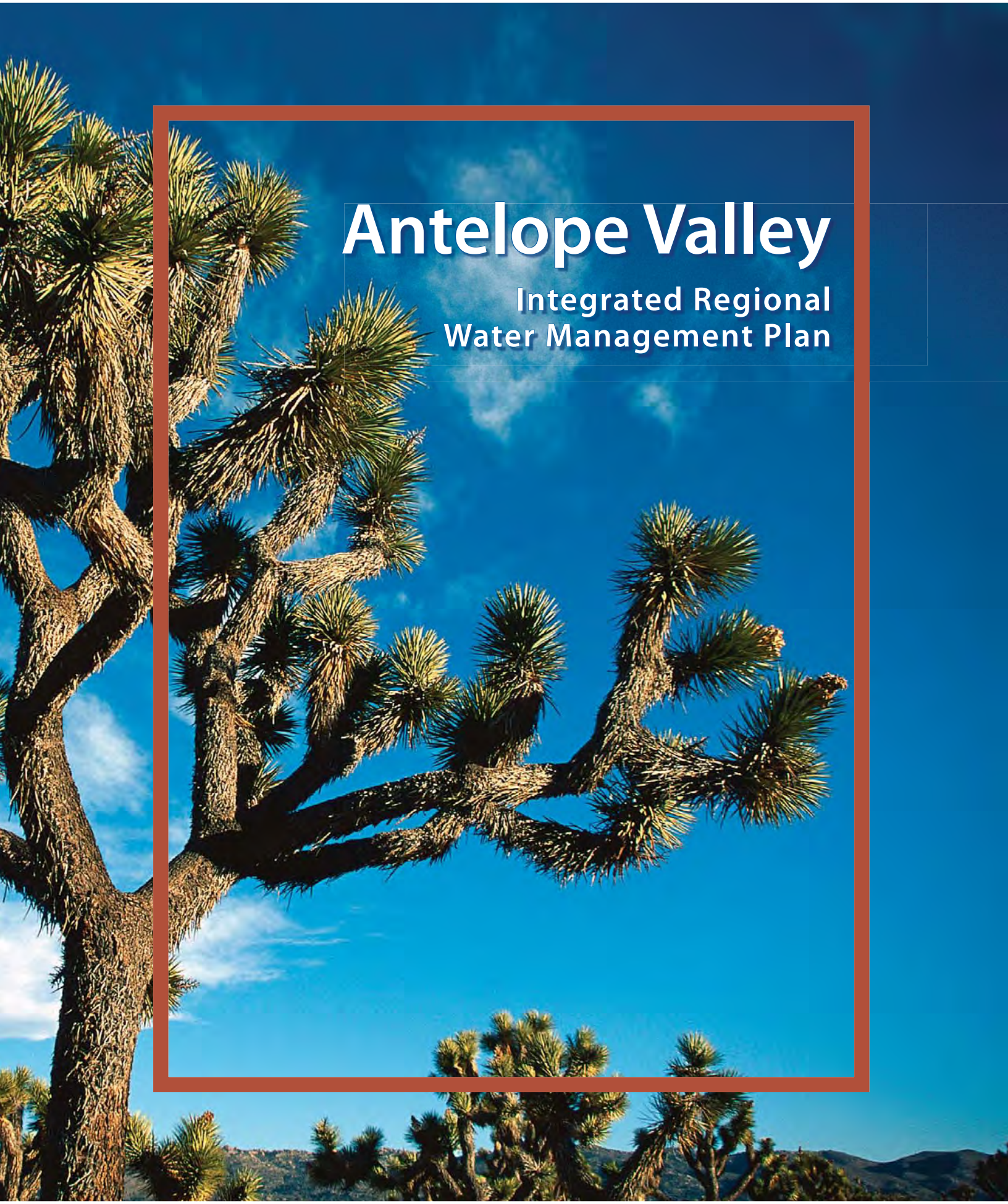
Passed and adopted at a meeting of the Boron Community Services District Board of Directors on Thursday, March 21, 2013.

Authorized Original Signature: _____

Printed Name: James H. Sommers

Title: Board President

Clerk/Secretary: Natalie Dadey



Antelope Valley

Integrated Regional Water Management Plan

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When in bloom, the desert floor of the Antelope Valley can be seen bathed in the rich color of the prized California poppy.

Section 1: Introduction

This Integrated Regional Water Management Plan (IRWM Plan) defines a clear vision and direction for the sustainable management of water resources in the Antelope Valley Region through 2035. Although this IRWM Plan contains a viable action plan to provide a wide range of crucial water-related services necessary to support the well-being of people living in this unique and vibrant part of Southern California, this Plan is simply a planning and feasibility study and no implementation or any project is being approved or required through the adoption of this Plan. Implementation of this IRWM Plan will require further discretionary approvals either individually or jointly by the Group members. The IRWM Plan identifies existing key water-related challenges being faced by the residents of the Antelope Valley Region, along with projections of how these challenges will change by 2035. In response to current and expected challenges, this IRWM Plan provides a thorough inventory of possible actions to address the challenges, along with estimated costs and benefits of implementing each action. This IRWM Plan documents an extensive collaborative process that led to the selection of a robust combination of actions that may be implemented cooperatively by the stakeholders in the Antelope Valley Region.

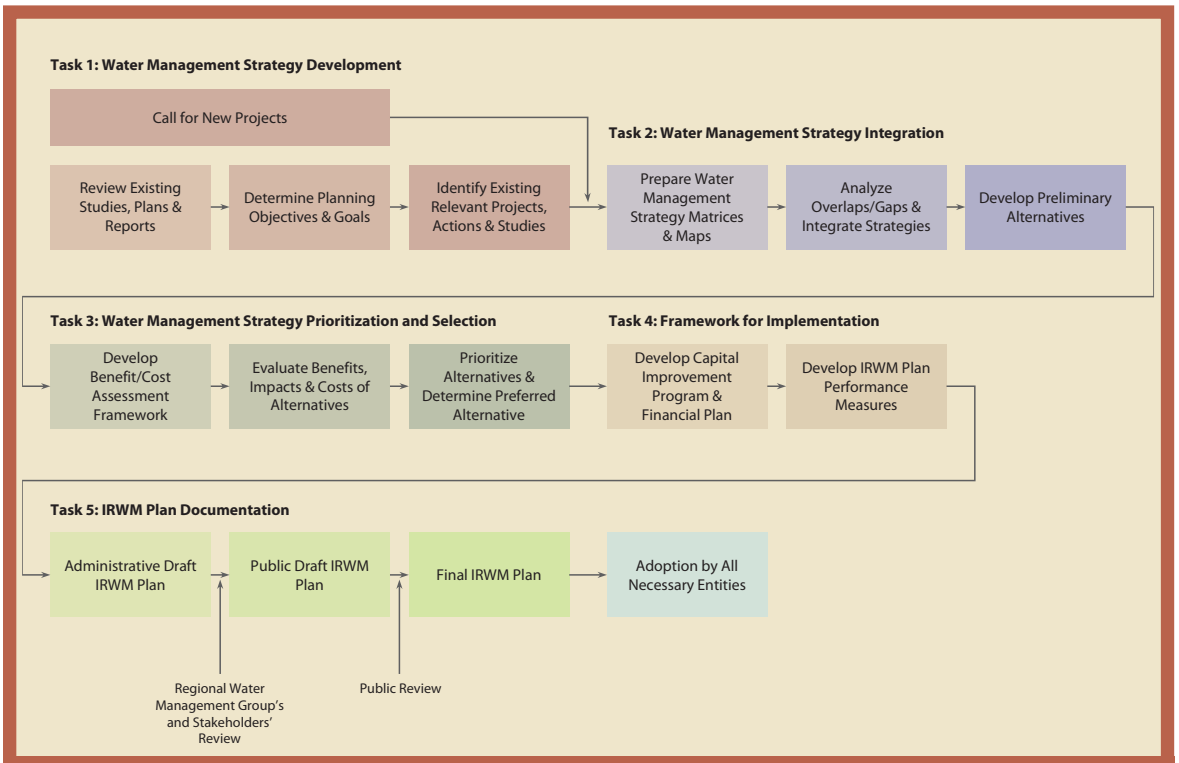

Figure 1-4 Antelope Valley Integrated Regional Water Management Planning Process

as well as Stakeholder comments on the Plan's content have been reviewed, evaluated, discussed amongst the Stakeholder group as necessary, and incorporated into the document as appropriate. These comments have been summarized into a comment response matrix and can be found in Appendix I.

1.3.3 Potential Obstacles to Plan Implementation

One potential obstacle to implementation of the IRWM Plan is the pending adjudication of the Antelope Valley Groundwater Basin. The IRWM Plan's water supply analysis is based on assumptions made regarding availability and reliability of the groundwater supply and was used to identify specific objectives and planning targets for the IRWM Plan. Thus it is possible that the outcome of the adjudication may require a change in the assumptions as well as the objectives and planning targets, which may delay implementation of the IRWM Plan. Additionally, the adjudication may place limitations not considered on the groundwater banking and recharge projects included for implementation. However, the IRWM Plan is meant to be a dynamic planning document and as such will be updated at a minimum of every two years with the project priority list being kept up-to-date as discussed in Section 8.6.2.

1.3.4 Groundwater Management Plan

This IRWM Plan defines a clear vision and direction for the sustainable management of water resources in the Antelope Valley Region through 2035. Inherent to this discussion is how groundwater will be managed to help meet the needs within the Antelope Valley Region now, and into the future. While a groundwater management plan currently does not exist for the Antelope Valley Groundwater Basin as a whole, one has been developed for the RCSD service area. There is the need, however, to develop a groundwater management plan for the Antelope Valley Region in order to provide a better understanding of the Antelope Valley Groundwater Basin and to recommend various strategies that result in a reliable water supply for all basin users and help meet increasing water demands. Therefore, the IRWM Plan will also meet the requirements for an AB 3030 Plan and establish a groundwater management plan for the whole basin.

The Groundwater Management Act (California Water Code Part 2.75 Section 10753), originally enacted as Assembly Bill (AB) 3030 (1992) and amended by Senate Bill (SB) 1938 (2002), provides the authority to prepare groundwater management plans. The intent of AB 3030 is to encourage local public agencies and water purveyors to adopt formal plans to manage groundwater resources within their jurisdiction.

Within the scope of Water Code Section 10753.8, a local groundwater management plan can potentially include up to twelve technical components, although this IRWM Plan need not be restricted to those specific components. This IRWM Plan addresses all the relevant components related to Groundwater Management Plans in the Water Code, as well as the components recommended by the California DWR in California's Groundwater, Bulletin 118 (DWR, 2004). Nothing in this IRWM Plan will supersede or interfere with the pending adjudication of the Antelope Valley Groundwater Basin. Table 1-3 provides a checklist at the end of this section to indicate where in this IRWM Plan specific Groundwater Management Plan components are located.

Table 1-3 Groundwater Management Plan Checklist According to Required Components

Required Components		
Items to Address	**Section of Law**	**Location in Plan**
Provide documentation that a written statement was provided to the public describing the manner in which interested parties may participate in developing the groundwater management plan.	10753.4(b)	Appendix C (Community Outreach Materials)
Provide basin management objectives for the groundwater basin that is subject to this IRWM Plan.	10753.7(a)(1)	Section 4
Describe components relating to the monitoring and management of groundwater levels, groundwater quality, inelastic land surface subsidence and changes in surface flow and surface water quality that directly affect groundwater levels or quality or are caused by pumping.	10753.7(a)(1)	Section 3
Describe plan to involve other agencies that enables the local agency to work cooperatively with other public entities whose service area or boundary overlies the groundwater basin .	10753.7 (a)(2)	Section 1 and Section 8
Adoption of monitoring protocols for the components in Water Code Section 10753.7(a)(1)	10753.7 (a)(4)	Table 8-8
Provide a map showing the area of the groundwater basin as defined by DWR Bulletin 118 with the area of the local agency subject to this IRWM Plan as well as the boundaries of other local agencies that overlie the basin in which the agency is developing a groundwater management plan.	10753.7 (a)(3)	Figure 2-10

AV IRWMP Seventh Stakeholder Meeting
Wednesday, March 20, 2013

Minutes taken by: Grizelda Soto

The Seventh Antelope Valley Integrated Regional Water Management Plan (IRWMP) 2007 Update Stakeholder meeting was held on March 20, 2013, at the City of Palmdale Chimbole Center – Joshua Room.

1. Welcome and Introductions
    a. The meeting was opened and led by Brian Dietrick (RMC) and called to order at 9:05 am.
    b. An electronic copy of the presentation is attached.
2. Progress on IRWM Updates
    a. Flood Management
        - Technical memorandums (TM) for Tasks 2.3.3, 2.3.4, and 2.3.5 will be drafted in April 2013 and sent out for review to the Flood Committee
    b. DACs
        - TM for Task 2.1.2 Supply, Quality, and Flooding Data will be drafted in April 2013 and send out for review to the DAC Committee
    c. Plan Updates
        - Section 1 (Background) – has been reviewed by the A-Team
        - Section 2 (Region Description) – Will commence drafting in April 2013
        - Section 4 (Objectives) – Will commence drafting in April 2013
        - Section 7 (Plan and Process) – Will commence drafting in April 2013

3. Discuss A-Team
    a. Brian provided a brief summary of the A-Team main responsibilities
    b. The A-Team seat chronology table was presented to the Stakeholder group
    c. The agriculture seat is still open and various nominations were made by stakeholders:
        - Julie Kyle – in attendance
        - Craig Van Dam – Rick Caulkins (LACSD) called him and he does not have the time to commit
        - Ben McFarland – Vicki Medina called him and he does not have the time to commit
        - John Colandri – Rick Caulkins left him a voicemail and has yet to hear back from him
        - Gene – nominated by James Welling, Julie Kyle to discuss with Gene his potential nomination to the agriculture seat
        - John Alisso – Rick Caulkins left him a voicemail and has yet to hear back from him

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d. The A-team was left responsible for any additional outreach that might be needed to fill the open Agriculture seat
e. Selection of the Agriculture seat was deferred until the next stakeholder meeting on May 15th

4. Lahontan Funding Area Coordination
    a. Rick Caulkins summarized the discussion that was had on three previous phone calls with Tahoe-Sierra, Inyo-Mono, and Mojave IRWM Funding Regions on Prop 84, Round 2, Implementation Grant funding.
    b. The outcome of these phone calls is a letter, which is currently being drafted, to explain to the Department of Water Resources (DWR) the Lahontan Funding Area attempted to coordinate for Prop 84,Round 2, Implementation grant funding and will continue to do so under Round 3.
    c. The final letter will be included in the Prop 84, Round 2, Implementation Grant applications and IRWM Plans for the four following Lahontan Funding regions:
        - Tahoe-Sierra
        - Inyo-Mono
        - Mojave
        - Antelope Valley
    d. However, if the letter is to be included in the Prop 84, Round 2, Implementation Grant applications the final version will be needed before Friday, March 29.

5. Stakeholder Meeting Communication
    a. Bob Large (Town and Rural Council) suggested future communication with the public on the AV IRWM Plan Stakeholder Meetings needs to be expanded to larger audience
        - There was consensus among the attendees on this point
        - Vicki Medina mentioned she sent meeting announcement to her media list (over 600 people)

6. Proposition 84 Update
    a. Schedule for the Prop 84, Round 2, Implementation Grant application was presented – only a week and a half left before deadline (March 29, 2013)
    b. RMC received a *Notice to Proceed* for the Prop 84, Round 2, Implementation Grant application for the Boron Community Services District (BCSD) Arsenic Removal Project. However, in order for the project to be eligible for grant funding the project must be included in the 2007 AV IRWM Plan.
        - BCSD has already adopted the 2007 AV IRWM Plan

7. Acceptance of Boron CSD Project into 2007 IRWMP
    a. Procedure to adopt project into the 2007 AV IRWM Plan:
        - New project form was developed based on the 2012 IRWM Guidelines

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- RMC developed a review factor criteria (a copy of the review factor criteria is attached to these notes) as a guide to consider new projects
- BCSD filled out the form and submitted the form to the A-Team
- The A-Team held a conference call on March 12, 2013 to review/evaluate/prioritize the BCSD Arsenic Removal Project.
- The project met all criteria and provided sufficient project information
- A-Team is recommending the project to the stakeholder group to accept the Project into the 2007 AV IRWM Plan at this stakeholder meeting.

b. Project background and description provided to the stakeholder group:
    - Background
        - California Department of Public Health (CDPH) adopted a new MCL for arsenic of 10 ppb in 2008 (reduced from 50 ppb)
        - BCSD received a compliance order from CDPH in 2009
        - Currently BCSD blends AVEK water to lower arsenic concentrations, but concentrations from only lowered from 80 ppb to 39 ppb.
    - Description
        - BCSD serves a disadvantage community which consists of 2,000 people and 630 active service connections
        - The current age of the existing wells are over 50 years old
        - Because this is a project that will serve a DAC, feasibility study type projects can be funded under the Prop 83 Implementation Grant program
        - This project consists of a feasibility study to determine the implementation project that will be required to meet the MCL for arsenic of 10 ppb
        - The Preliminary Engineering Report will evaluate the following four alternatives:
            I. New well at low arsenic location
            II. Existing well + arsenic treatment
            III. New well + arsenic treatment
            IV. New well + AVEK blend
        - The project will also include a hydrogeology study, pilot well design and construction, CEQA/NEPA, production well design
        - The total cost of the project is $427,000
    - Discussion by Stakeholder Group:
        - The project proponents would like the implementation of the project to be considered for Prop 84, Round 3, Implementation Grant funding
        - Once the feasibility study for the project is completed and a project alternative selected, the stakeholder group will revisit the project to ensure the implementation of the project meets AV IRWM Region objectives

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c. Motion to accept the BCSD Arsenic Removal Project into the 2007 AV IRWM Plan was called by Brian Dietrick.
    - By a show of hands, the stakeholder group adopted the BCSD Arsenic Removal Project into the 2007 AV IRWM Plan

8. <u>IRWM Summit/Conference in April</u>
    a. RMC provided information on two upcoming IRWM related events to the stakeholder group in case anyone is interested in attending:
        - IRWM Summit
            - When: April 3, 2013
            - Who: California Department of Water Resources and Water Education Foundation
            - What: Half-day panel discussion
            - Why: Build understanding about California's commitment to improve public safety, foster environmental stewardship, and support economic stability using a holistic approach
        - Transforming the Water Management Culture Conference
            - When: April 4-5, 2013
            - Who: California Department of Water Resources, Water Education Foundation, California Water Commission
            - What: Interactive Sessions
            - Why: In-depth conversation on IRWM in California with various water and flood management agencies, and various other California representatives.
    b. Draft agendas were made available to anyone interested in attending (Copy of the draft agendas are attached)

9. <u>Next Steps</u>
    a. Stakeholder Meeting
        - May 15th location TBD
    b. Flood Committee
        - Next three TMs will be distributed for review in April 2013
        - Flood Committee Meeting – May 15th
    c. DAC Committee
        - DAC TM will be distributed for review in April 2013
        - DAC Committee Meeting – May 15th
    d. Implementation Grant
        - RMC will work with LACWWD40 to upload BCSD Arsenic Removal Project on the AVWATERPLAN.org site
        - Prop 84, Round 2, Implementation Grant application due March 29th
    e. IRWM Plan Update

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- Section 2 (Region Description) – will be drafted by April 2013
- Section 4 (Objectives) – will be drafted by April 2013
- Section 7 (Plan and Process) – will be drafted by April 2013

10. Meeting was adjourned at 10:30 am

ACTION ITEMS:

1. RMC to secure meeting space for next stakeholder meeting at the City of Palmdale
2. RMC to work with LACWWD to add the BCSD Arsenic Removal Project to the AVWATERPLAN.ORG Website

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