

**MONTEREY COUNTY WATER RESOURCES AGENCY
BOARD OF DIRECTORS
SALINAS RIVER BASIN MANAGEMENT PLANNING (BMP) COMMITTEE**

COMMITTEE MEMBERS

Silvio Bernardi, Chair
Claude Hoover
Deidre Sullivan

Bob Antle, Public Member
David Bunn, Public Member
Don Chapin, Public Member

TIME: 8:30 a.m.
DATE: Wednesday, February 12, 2014
PLACE: Monterey County Water Resources Agency
Board Room
893 Blanco Circle
Salinas, CA 93901
(831) 755-4860

A G E N D A

1. **Call to Order**
2. **Public Comment**
(Limited to three (3) minutes per speaker on matters within the jurisdiction of the Agency not listed on this agenda. The public will have the opportunity to ask questions and make statements on agenda items as the Committee considers them.)
3. **Approve the Minutes of the BMP Committee meeting held on January 15, 2014**
The Committee will consider approval of the minutes of the above-mentioned meeting.
4. **Consider receiving a report regarding the purpose of the BMP Committee**
Robert Johnson, Assistant General Manager, will present this item for consideration by the Committee.
5. **Consider receiving a report regarding the history of the Basin Management Plan**
Robert Johnson, Assistant General Manager, will present this item for consideration by the Committee.
6. **Consider receiving a report regarding efforts related to Water Rights Permit #11043**
Robert Johnson, Assistant General Manager, will present this item for consideration by the Committee.
7. **Set next meeting date and discuss future agenda items**
The Committee will discuss and determine details for its next meeting.
8. **Adjournment**

**MONTEREY COUNTY WATER RESOURCES AGENCY
BOARD OF DIRECTORS
SALINAS RIVER BASIN MANAGEMENT PLAN (BMP) COMMITTEE**

Silvio Bernardi, Chair
Claude Hoover
Deidre Sullivan

Bob Antle, Public Member
Don Chapin, Public Member
David Bunn, Public Member

TIME: 8:30 a.m.
DATE: Wednesday, January 15, 2014
PLACE: Monterey County Water Resources Agency
Board Room
893 Blanco Circle
Salinas, CA 93901
(831) 755-4860

MINUTES

1. Call to Order @ 8:30 AM by Committee Chair Silvio Bernardi.

Members present: Director Silvio Bernardi, Director Claude Hoover, Director Deidre Sullivan (@ 8:33 AM), Bob Antle, David Bunn, Don Chapin, Ken Ekelund (ex-officio member of the Committee)

Members absent: None

A quorum was established.

2. Public Comment

None.

3. Receive the Clerk to the Board's Attestation of the Minutes of the last Basin Management Plan Committee meeting held on July 11, 2012.

Committee Action: On motion and second of Committee members Don Chapin and Claude Hoover, the Committee unanimously received the Clerk to the Board's Attestation of the Minutes of the Basin Management Plan Committee meeting held on July 11, 2012 as corrected.

4. Consider receiving a report recommending items for the Basin Management Plan Committee's consideration.

Rob Johnson, Assistant General Manager, led a discussion on possible changes in the BMP committee due to changes in composition of the Board; new issues which have arisen; and, the need to refocus on Basin planning efforts. The three topics for the day's discussion included: Committee membership; Committee purpose; and, topics for Committee involvement.

Membership:

Current Committee members voiced a general willingness to continue their service. However, they agreed upon the importance of first defining the purpose, goals and expectations of the committee before making a commitment.

Topics for Committee Involvement and BMP Purpose

Discussion of Committee involvement and BMP purpose were intermingled and resulted in the comments and/or questions listed below.

1. Committee composition should be 50% public members and 50% Directors. In that way the public has direct input into matters of importance. The Reservoir Operations Committee is a good model of an effective committee with public members and Directors. Community input is imperative prior to engaging in costly activities with which they do not agree.
2. The Planning Committee has handled many issues that should have been considered by the BMP Committee. Perhaps the two committees should be combined.
3. Water Rights Permit #11043 and the Long-Term Salinas River Management Plan are topics the BMP Committee could consider.
4. Was the Basin Management Plan developed in 1999 required by the State?
Response: BMP efforts evolved from a program in the development of the Salinas Valley Water Project.
5. Have all the segments of the BMP developed in 1999 been accomplished? **Response: Staff must perform research in order to answer this question.**
6. Is there a legal requirement for the BMP Committee to exist?
7. Are we displacing or replacing something that not currently being done well?
8. How can we be more effective in getting basin water issues resolved?
9. The EIR for the Salinas River does not provide a holistic approach to deal with the issues. It is important to ensure the EIR is permitable.
10. The BMP Committee must develop a philosophy for dealing with issues such as flood control.
11. The BMP Committee could serve as a filter and/or steering committee for issues to determine whether particular proposals/issues lie within the Agency's jurisdiction.
12. Projects should be handpicked to ensure they provide the most benefit to Monterey County, and the Ag industry should be included in those discussions.
13. The development of Committee purposes, goals and expectations is mandatory.
14. The BMP Committee is relevant to the Board of Directors, who ultimately make recommendations to the Board of Supervisors.
15. Is the Agency involved with the plans that are coming from Downtown?
Response: That is a County-wide plan and the Agency does not know the full scope of that plan. When the Committee meets next month, they may want to discuss how much they want to be involved in those plans.
16. Will the Regional Advisory Committee (RAC) continue or be folded into the BMP Committee? **Response: They are completing their goals and now would be a good time to transition into the BMP.**

Mr. Johnson then asked Committee members if they would continue meeting the second Wednesday of each month at 8:30 AM. Mr. Antle responded important developments

were expected in the next couple of weeks, and recommended waiting to hear the outcome first.

(David Bunn and Claude Hoover left the meeting @ 9:00 AM.)

Committee members proposed a Basin Management Plan Workshop in the very near future to continue the important discussions taking place during the day's meeting. They also asked about discussion topics for the next meeting. Mr. Johnson listed the following:

- Background information on Water Rights Permit #11043;
- Salinas River Channel Maintenance Program (short-term)
- Salinas River Maintenance Program (long-term)
- Refocus of BMP Committee Purpose
- BMP Committee membership
- Review of the Salinas River Basin Management Plan
- Arroyo Seco Dam Implementation Project

Committee members asked that advance reading material be provided for the workshop in order to develop relevant questions. Committee members also suggested the Salinas River EIR and financing plan be routed through the BMP Committee.

PUBLIC COMMENTS:

John Baillie, Monterey County resident, stated community input is essential to the BMP Committee.

5. Set next meeting date and discuss future agenda items.

The Committee will meet in a Workshop on Tuesday, January 28, 2014 from 1:30 – 4:00 PM in the Water Resources Agency Board Room. Advance reading material will be provided.

6. Adjournment

Committee Action: On motion and second of Committee members Don Chapin and Deidre Sullivan, the meeting was unanimously adjourned at 9:35 AM by those members present.

Submitted by: Wini Chambliss

**MONTEREY COUNTY WATER RESOURCES AGENCY
BOARD OF DIRECTORS – BASIN MANAGEMENT PLAN COMMITTEE**

MEETING DATE:	January 15, 2014	AGENDA ITEM:	
AGENDA TITLE:	Consider receiving a report regarding the purpose of the Basin Management Committee		
Consent ()		Action (X)	
Information ()			
SUBMITTED BY:	Robert Johnson	PREPARED BY:	Robert Johnson
PHONE:	831.755.4860	PHONE:	831.755.4860
DEADLINE FOR BOARD ACTION:			

RECOMMENDED BOARD ACTION:

Receive a report regarding the purpose of the Basin Management Plan Committee.

PRIOR RELEVANT BOARD ACTION:

None.

DISCUSSION/ANALYSIS:

At the January 15, 2014 Basin Management Plan (BMP) Committee meeting the Purpose Statement for the Committee was discussed. Numerous questions were asked and staff is researching these items for discussion at this (and maybe future) Committee meeting(s). The items that were discussed are recited in the minutes of the meeting and are not recounted in this report. Questions and/or statements in the minutes will be separated into two categories: Committee Involvement and BMP Committee Purpose.

As mentioned at the January 15, 2014 meeting, a great deal of activity has recently occurred related to water in Monterey County and more specifically the Salinas Valley. Given this situation, the timing seems right to revitalize the BMP Committee and utilize it to provide input and direction on issues related to the Salinas Valley.

FINANCIAL IMPACT:	YES ()	NO (X)
FUNDING SOURCE:		
COMMITTEE REVIEW AND RECOMMENDATION:		
ATTACHMENTS:	1. 2. 3.	
APPROVED:		
	_____ General Manager	_____ Date

**MONTEREY COUNTY WATER RESOURCES AGENCY
BOARD OF DIRECTORS – BASIN MANAGEMENT PLAN COMMITTEE**

MEETING DATE:	January 15, 2014	AGENDA ITEM:	
AGENDA TITLE:	Consider receiving a report regarding the history of the Basin Management Plan		
	Consent ()	Action (X)	Information ()
SUBMITTED BY:	Robert Johnson	PREPARED BY:	Robert Johnson
PHONE:	831.755.4860	PHONE:	831.755.4860
DEADLINE FOR BOARD ACTION:			

RECOMMENDED BOARD ACTION:

Receive a report regarding the history of the Basin Management Plan.

PRIOR RELEVANT BOARD ACTION:

None.

DISCUSSION/ANALYSIS:

The Salinas River Basin Management Plan (BMP) was an effort put forth by the predecessor to the Monterey County Water Resources Agency (Agency), the Monterey County Flood Control and Water Conservation District (District) in late 1990. A water resources plan like this is both a means for developing water needs for future generations, as well as a process to resolve conflicts. The final product of this effort was to be an Environmental Impact Report/Environmental Impact Statement (EIR/EIS), however there was a change in direction around 1998.

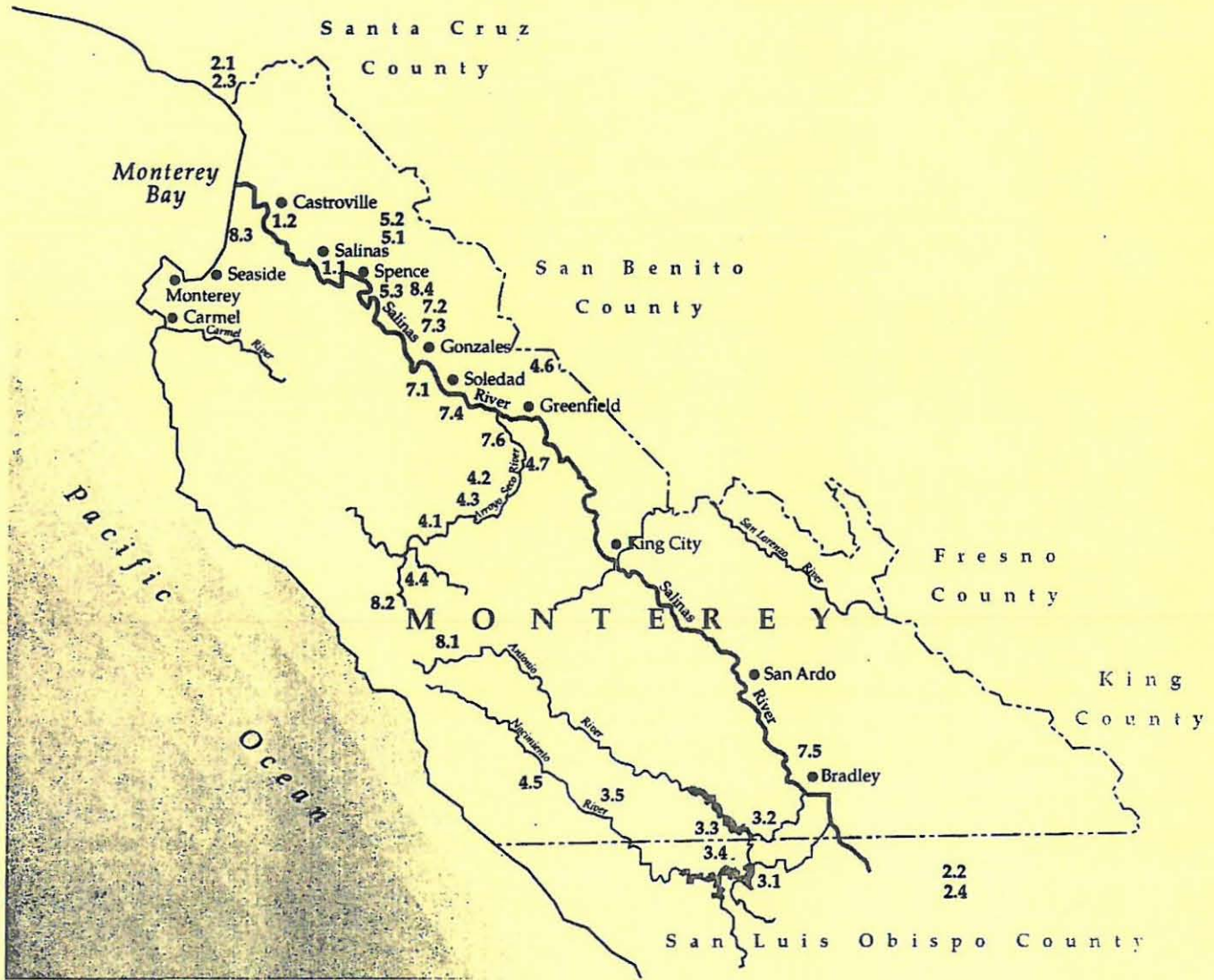
A great deal of work and analysis was produced as a result of the BMP effort. Some important outcomes include the building of the informational foundation for the Salinas Valley Water Project (SVWP), and reports that became the starting point for the Salinas Valley Functionally Equivalent Plan (FEP), which led to the Greater Monterey County Integrated Regional Water Management Plan (GMC IRWMP).

The FEP was a requirement to be eligible to apply for Proposition 50 monies around 2006, of which the Agency was awarded \$12.5 million. The Agency used its portion of the \$12.5 million (\$5.6 million) on SVWP construction.

Staff will present background information on the BMP and its process to the Committee for reference and to provide a common starting point as the Committee moves forward.

FINANCIAL IMPACT:	YES ()	NO (X)
FUNDING SOURCE:		
COMMITTEE REVIEW AND RECOMMENDATION:		
ATTACHMENTS:	1. Executive Summary of the BMP Alternatives Analysis	
APPROVED:	<hr/> General Manager Date	

Salinas River Basin Management Plan Alternatives Analysis



Monterey County Water
Resources Agency

Prepared by
EDAW, Inc.
August 1994

1. EXECUTIVE SUMMARY

The Monterey County Water Resources Agency (MCWRA) is working toward the development of the Salinas River Basin Management Plan (BMP). This document summarizes the process followed to advance and evaluate the widest possible range of alternatives and to help the MCWRA set and meet their goals. This process is called a "screening" process because alternative solutions were passed through successively more rigorous levels of assessment (or screens). At each level those alternatives which best met the planning goals passed through the "screen" and were carried forward to the next level of analysis. Those which were less successful at meeting the planning goals were set aside in favor of the better alternatives. In this manner, the list of prospective alternatives was continually narrowed. This chapter summarizes the purpose of the BMP and describes the screening process followed to define the plan. Exhibit 1-1 illustrates the screening process.

1.1 PURPOSE OF THE BASIN MANAGEMENT PLAN

The primary purpose of the BMP is to eliminate the seawater intrusion problem which effects the Salinas River Basin and to provide an adequate water supply to meet anticipated water needs within the Basin through the year 2030. To date, seawater has intruded into the 180-foot and 400-foot aquifers, affecting 16,000 acres of farm land. Continued withdrawal of groundwater throughout the Basin reduces the hydraulic pressure required to Monterey Bay seawater from moving inland and threatening municipal and other water supplies. Deep groundwater depressions in the areas east and northeast of the City of Salinas (located in the East Side hydrologic area), have been created by a long-term withdrawal of groundwater. To reverse this situation, the aquifers must be recharged at a rate greater than the extraction of groundwater. This will rebuild the hydraulic pressure in the aquifers and push the seawater toward Monterey Bay.

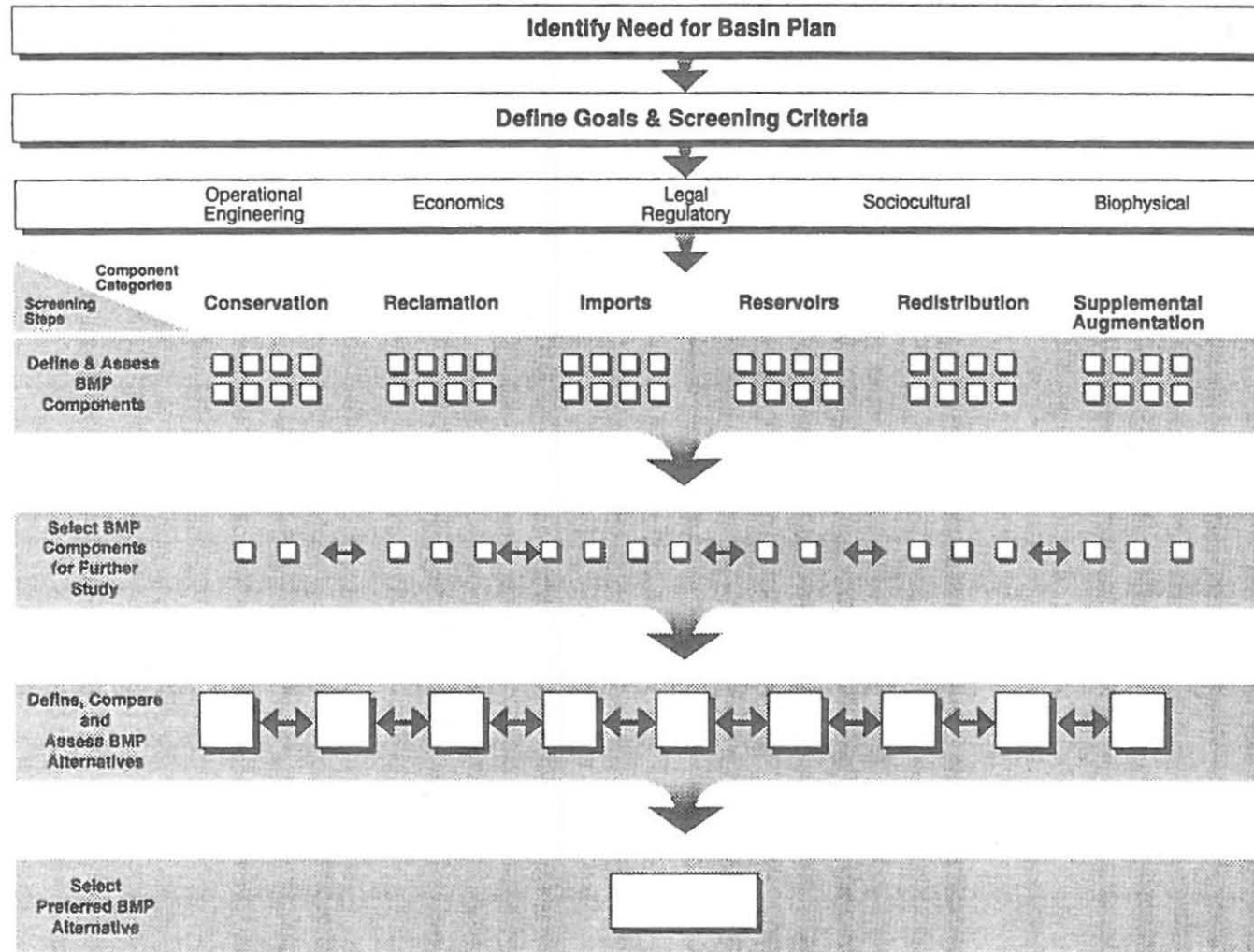
1.2 SCOPE OF THE SCREENING PROCESS

Development of the BMP involves the integration of both "demand-side" and "supply-side" alternatives. The "demand-side" programs for both agricultural, and municipal and industrial (M&I) water users, represent methods to optimize water use efficiency, thereby reducing the demand for groundwater extraction. The "supply-side" projects represent opportunities to increase or redistribute the overall water supply throughout the Basin. Individual demand-side programs or individual supply-side projects will not solve the seawater intrusion problem, nor allow for a long-term balance in the Basin. These individual projects are considered "components" of the BMP. When individual projects are managed in a balanced combination, they represent "BMP Alternatives."

1.2.1 Component Screening

The screening of components was the first step in reducing the number of available alternatives. By screening the components, the most feasible, flexible, realistic, least costly, and

**Exhibit 1-1
BMP Screening Process**



environmentally and socially responsible components were identified. This effort was initiated at a three-day workshop in Salinas on July 28-30, 1993. The components were presented at a public meeting to a panel of "screeners." The screeners were professionals from several disciplines, combining the expertise of MCWRA staff, U.S. Bureau of Reclamation staff, planners and engineers. Components were defined by MCWRA staff (see Attachment 3), and were commented on by the public. Several additional components were added to the initial list of components as a result of public comment. The screeners spent the next two-months reviewing literature, aerial photos and other available information, in order to rate the components against the criteria. Results of the component screening process were presented to the MCWRA Board of Directors at a workshop in Salinas on October 25, 1993. For the results of the component screening, see Attachment 4. Public comment was taken at the meeting.

1.2.2 BMP Alternatives Screening

The components that best met the screening criteria were assembled into sets, representing an array of BMP Alternatives. Using existing data, in addition to hydrologic modeling and Geographical Information System (GIS) data, the screeners spent the first few weeks of January 1994 applying the criteria and rating the BMP Alternatives. This coarse level of screen was conducted to provide a "program-level" of analysis, with the intent of identifying the most promising BMP Alternative(s) for further study. The most promising BMP Alternative(s) will undergo additional study through the EIR process, as defined by the California Environmental Quality Act (CEQA).

1.3 SCREENING RESULTS

Individual components were screened first and the surviving components were assembled in Alternatives. BMP Alternatives were then screened to identify the Primary BMP Alternative(s). This section presents a summary of the screening results for the components and the alternatives.

1.3.1 Components

After applying the screening criteria to the 35 BMP "supply-side" components, it was determined that nine (9) components should be *excluded* since they would not assist the Agency in achieving the long-term planning goals. The nine *excluded* components are:

- USBR San Felipe Project Water
- DWR Coastal Aqueduct Water
- Gilroy-Morgan Hill Treated Wastewater
- Arroyo Seco Dam-Woodtick Site
- Arroyo Seco Dam-Pools Site
- Jerrett Dam
- Mathews Dam (San Lorenzo Creek)
- Barloy Canyon Dam
- In-Stream Groundwater Relay Option

After applying the screening criteria to the remaining 26 BMP “supply-side” components, it was determined that nine (9) components should be *held from further consideration* since there are components that will better achieve the long-term planning goals. The nine components *held from further consideration* are:

- Modify San Antonio Spillway
- Nacimiento-San Antonio Upstream Diversions
- Arroyo Seco Dam-Greenfield Site (High)
- Gabilian Creek Dam-Sugarloaf Site
- Gabilian Creek Dam-Mud Creek Site
- Alisal Creek Dam
- Hartnell Creek Dam
- McCallum Creek Dam
- Quail Creek Dam

The remaining 17 components were identified for further study in BMP Alternatives.

- Reclaimed Water Reuse
- Aquifer Storage and Recovery (ASR) Project
- Water Marketing and Transfers
- Modify Nacimiento Spillway (Raise and Widen)
- Inter-lake Tunnel
- Inter-lake Pipeline
- Arroyo Seco Dam-Greenfield Site (Low)
- Chalone Canyon Dam
- Vaqueros Canyon Dam
- Salinas Valley Water Transfer Project
- East Side Water Redistribution Project
- Transfer of Reservoir Water to Chalone Canyon
- Transfer of Arroyo Seco Water to Chalone Canyon
- Water Harvesting through Prescribed Burning
- Weather Modification
- Desalination
- Additional Groundwater Recharge

1.3.2 Preliminary BMP Alternatives

Of the 17 components identified for further study, the 12 which best met the screening criteria were used in the development of Preliminary BMP Alternatives. Nine Preliminary BMP Alternatives were developed to represent the reasonable range of alternatives from demand-side solutions (conservation intensive) to supply-side solutions (structurally intensive). Section 5 includes a description of each of the Preliminary BMP Alternatives, including maps and information on locations of proposed facilities, when possible. Section 6 includes results of the

screening of the Preliminary BMP Alternatives for each screening criterion including data used by the screeners, preliminary conclusions of the screening, and a discussion of the selection of the Primary Alternatives for the BMP.

The selected Primary Alternatives are Alternative IV and IVa which include the following:

- Conservation Program Level 1
- Reclamation
- Imports
- Salinas River Well System (the well system area extends along the Salinas River from Greenfield to Chualar Bridge)
- Pipeline to Transfer Water to the Service Area
- Additional Recharge Activities
- Cloud Seeding
- Raise and Widen Nacimiento Dam Spillway (Alternative IVa only)

1.4 REPORT ORGANIZATION

The report is organized to follow the sequence of the planning process. The Purpose and Need for the BMP is documented in Chapter 2. The development of planning goals and screening criteria are described in Chapter 3. The screening of supply and demand components is described in Chapter 4. The development and screening of BMP Alternatives are explained in Chapter 5. And finally, the selection of Primary Alternatives is described in Chapter 6. The text has been minimized and all additional documentation on the planning goals and screening criteria is contained in Attachment 1. A detailed list of the screening criteria is contained in Attachment 2. Component definitions are documented in Attachment 3, and additional information on the rationale for rating components is found in Attachment 4.

**MONTEREY COUNTY WATER RESOURCES AGENCY
BOARD OF DIRECTORS – BASIN MANAGEMENT PLAN COMMITTEE**

MEETING DATE:	January 15, 2014	AGENDA ITEM:	
AGENDA TITLE:	Consider receiving a report regarding Agency efforts related to Water Rights Permit #11043		
	Consent ()	Action (X)	Information ()
SUBMITTED BY: PHONE:	Robert Johnson 831.755.4860	PREPARED BY: PHONE:	Robert Johnson 831.755.4860
DEADLINE FOR BOARD ACTION:			

RECOMMENDED BOARD ACTION:

Receive a report regarding Agency efforts related to Water Rights Permit #11043.

PRIOR RELEVANT BOARD ACTION:

At the January 2013 Board of Directors (BOD) meeting, the BOD directed staff to move ahead with opposing the proposed revocation of Water Rights Permit #11043 (Permit) by the State Water Resources Control Board (SWRCB).

At the April 2013 BOD meeting the BOD received an update on the proposed revocation of Water Rights Permit #11043 by the State Water Resources Control Board (SWRCB).

At the June 2013 BOD meeting, the BOD approved an amendment to the Downey Brand (DB) contract to pay for work done by DB and GeoScience related to the Permit.

On December 17, 2013, an update was presented to the Agency BOD and Board of Supervisors (BOS) at a joint meeting.

DISCUSSION/ANALYSIS:

The Agency continues to move forward on the milestones set forth in the Settlement Agreement (SA) regarding Water Rights Permit #11043 (Permit). The Permit was to be revoked by the State Water Resources Control Board (SWRCB) in August, 2013, however through staff and counsel efforts, the SA was achieved and the Permit was protected, as long as the Agency adheres to a strict, aggressive set of milestones for water project implementation. The milestones end with a project being developed and delivering water by July 2026. The water allocated to the Permit will be used to continue the battle against seawater intrusion in the Salinas Valley.

The Agency formed a Regional Advisory Committee (RAC) who has been working on developing a conceptual suite of projects that would effectively utilize the water allocated by the Permit. At the October meeting, the RAC (and members of the public who wished to participate) went through a workshop exercise that broke the committee into groups and asked each group to develop a suite of projects that would best utilize Permit water. Each group then presented their concept to the group.

In December, the RAC began working of conceptual project suites that would utilize the Permit

water. In January, the RAC increased their meeting frequency from monthly to bi-weekly to produce project suite alternatives that would then be analyzed through an Environmental Impact Report (EIR) process; a process that, by the SA schedule, needs to have a Draft EIR out in July 2015.

Staff is developing a timeline and schedule for resources to complete the next set of milestones: 1) developing a Notice of Preparation to initiate the environmental process, 2) developing a financing plan, and 3) planning for the writing of an Environmental Impact Report.

FINANCIAL IMPACT:	YES ()	NO (X)
FUNDING SOURCE:		
COMMITTEE REVIEW AND RECOMMENDATION:		
ATTACHMENTS:	1. 2. 3.	
APPROVED:	<hr/> General Manager Date	