

Attachment A

**Resolution Adopting the Santa Barbara County Water Agency's
2013-2018 Water Management Plan**

- **Exhibit A: Santa Barbara County Water Agency's
2013-2018 Water Management Plan**

**RESOLUTION OF THE
BOARD OF DIRECTORS OF THE SANTA BARBARA COUNTY WATER AGENCY
STATE OF CALIFORNIA**

**RESOLUTION ADOPTING THE SANTA)
BARBARA COUNTY WATER AGENCY'S)
2013-2018 WATER MANAGEMENT PLAN) RESOLUTION NO. _____**

WHEREAS, the Santa Barbara County Water Agency (SBCWA) holds the Master Contract for the Cachuma Project with the U.S. Bureau of Reclamation (Bureau); and

WHEREAS, the Bureau has requested that the SBCWA complete a five-year Water Management Plan (Plan) consistent with Section 20 of the Bureau and SBCWA Master Contract No. 175r-1802R for the Cachuma Project; and

WHEREAS, the SBCWA has submitted a five-year Water Management Plan to the Bureau, which has been conditionally accepted by the Bureau's Mid-Pacific Regional Office; and

WHEREAS, the Regional Office has requested that the SBCWA's Board of Directors adopt the plan.

NOW, THEREFORE, BE IT RESOLVED AND HEREBY ORDERED that the Santa Barbara County Water Agency Board of Directors approves the following:

1. Adoption of the five-year Water Management Plan (Exhibit A) as required by the Bureau; and
2. Authorization of the Public Works Director or designee to file this Plan with Bureau.

PASSED, APPROVED, AND ADOPTED by the Board of Directors of the Santa Barbara County Water Agency, State of California, on this _____ day of _____, 2015. by the following vote:

AYES:

NAYS:

ABSENT:

ABSTAIN:

ATTEST:
MONA MIYASATO, CLERK OF THE
BOARD and Ex Officio Clerk of the
Board of Directors of the
Santa Barbara County Water Agency

By: _____
Deputy

ACCEPTED AND AGREED:
SANTA BARBARA COUNTY WATER AGENCY

By: _____
Janet Wolf, Chair, Board of Directors

APPROVED AS TO FORM:
MICHAEL C. GHIZZONI
COUNTY COUNSEL

By: John R. Hartley
Deputy

Exhibit A

Santa Barbara County Water Agency 2013-2018 Water Management Plan

**As USBR Contractor for the Cachuma Project
2011 Criteria**

Date of Final – July 24, 2013

Index

	<u>Page</u>
Section 1: Description of the District	3
Section 2: Inventory of Water Resources	11
Section 3: Best Management Practices (BMPs) for Agricultural Contractors	14
Section 4: Best Management Practices for Urban Contractors	14

Attachments:

Most attachments are also available online as shown in the list below.

- A. Map of water distribution from Santa Ynez River reservoirs
Online at
<http://cosb.countyofsb.org/uploadedFiles/pwd/Water/WaterAgency/Water%20source%20distrbtn%20SYRiver%20So%20Co%20Dec13.pdf>
- B. Regional Water Shortage/Drought Management Plan (2004)
 - a. <http://cosb.countyofsb.org/pwd/water/downloads/DroughtPlanFinal.pdf>
- C. Santa Barbara County Water Purveyors' Water Shortage Contingency /Drought Planning Handbook, September 2007
<http://cosb.countyofsb.org/pwd/water/downloads/HandbookforPurveyorsRevSep2007.pdf>
- D. Annual Report for Regional Water Efficiency Program in Santa Barbara County (FY2011-12)
- E. Report on 2012 Water Rates for Water Providers in Santa Barbara County
- F. Table of 2012 Water Production and Usage for Water Providers in SB Co.
- G. Groundwater Report 2011
 - a. <http://www.countyofsb.org/pwd/pwwater.aspx?id=41398>
- H. Santa Barbara County Hydrology Report 2011
 - a. <http://www.countyofsb.org/pwd/pwwater.aspx?id=3582>
- I. Integrated Regional Water Management Plan for Santa Barbara County 2007
 - a. <http://www.countyofsb.org/irwmp/irwmp.aspx?id=39044>
- J. [*pending: Draft IRWMP for Santa Barbara County (2013 pending)*]
<http://cosb.countyofsb.org/irwmp/irwmp.aspx?id=42010>

Section I: Description of the District

District Name: Santa Barbara County Water Agency (SBCWA)

Contact Name: Tyrone LaFay

Title: Water Conservation Coordinator

Telephone: (805)-568-3541

E-mail: tylafay@cosbpw.net

Web Address <http://cosb.countyofsb.org/pwd/pwwater.aspx?id=3574>

A. History

1. Date district formed: 1945 Date of first Reclamation contract: 9/12/49
 Original size (acres): 1,750,400 Current year (last complete calendar year): 2012

The Santa Barbara County Water Agency (SBCWA) is a dependent special district established by legislative action in 1945 and functions as part of County government. SBCWA’s jurisdiction is County-wide, and is not limited to the geographic region of the Cachuma Project. Although SBCWA has been the primary contractor for the Cachuma Project, the Agency’s obligations under the Master Contract have been carried out since 1995 by the Cachuma Operations and Maintenance Board (COMB). In United State Bureau of Reclamation’s (USBR) September 2012 publication, “Cachuma Project, California, Guidelines for Operation”, USBR explained current responsibilities for project water as follows (in Section 5 of the Guidelines):

“The Master Contract is effective as of May 15, 1995 through September 3, 2020. Also effective as of May 15, 1995, and for a period coterminous with the Master Contract, the Agency executed separate contracts (Member Unit Contracts) with each of the Cachuma Member Units (CMU). In accordance with Section 13 of the Member Unit Contracts, the CMU opted to have all obligations of the Agency under the Master contract directly discharged by the CMU and/or the COMB, with the exception of separate obligations of the Agency under Sections 20 and 27 of the Master Contract”.

The aforementioned “separate obligations” under Sections 20 & 27 refer to water conservation programs, which in fact are coordinated by SBCWA through a Regional Water Efficiency Program.

2. Current size, population, and irrigated acres

Note: The following size (acreage) data is for the Cachuma Project service area. The population data comes from Public Water System Statistics (form #38) that individual water purveyors submit annually to California Dept of Water Resources.

	2012
Size (acres)	73,127
Population served (urban connections) (data from form #38s)	219,415
Irrigated acres	N/A

3. Water supplies received in current year

NOTE: SBCWA is neither a water wholesaler nor a water retailer, and thus SBCWA does not take physical delivery of any water supplies. SBCWA does not own, control or manage any water facilities or delivery system. Thus, each of the Cachuma Member Units separately prepares a Water Management

Plan and reports annually to USBR on its progress in implementing BMPs. Other reporting, e.g., on water deliveries, is carried out by the Cachuma Operations and Maintenance Board (COMB).

SBCWA obtained the following data from COMB and Central Coast Water Authority (CCWA). The numbers pertain only to water sources for Cachuma Project Member Units.

<i>Water Source</i>	<i>AF in CY2012</i>
<i>Federal urban water (per COMB)</i>	24,429
<i>Federal agricultural water (COMB)</i>	6,899
<i>State water (CCWA) delivery to a CMU including "exchange water" w/ SYRWCDID#1 in 2012</i>	2,699
<i>Other Wholesaler (define)</i>	0
<i>Local surface water (SBCWA)</i>	0*
<i>Upslope drain water (SBCWA)</i>	0*
<i>District groundwater (SBCWA)</i>	0*
<i>Banked water (SBCWA)</i>	0*
<i>Transferred water (SBCWA)</i>	0*
<i>Recycled water (SBCWA)</i>	0*
<i>Other (define) (SBCWA)</i>	0*
<i>Total</i>	34,027

*Note: SBCWA doesn't have any water sources. Individual Cachuma Member Units do have other water sources besides Federal project water and State Water. Each CMU provides this information to USBR separately through each CMU's Water Mgmt Plan.

4. *Annual entitlement under each right and/or contract.*

	<i>AF</i>	<i>Source</i>	<i>Contract #</i>	<i>Availability period(s)</i>
<i>Reclamation Urban AF/Y</i>	25,714	Cachuma Pr.	I75r-1802R	5/15/95- 9/30/20
<i>Reclamation Agriculture AF/Y</i>	N/A	N/A	N/A	N/A
<i>Other AF/Y</i>	N/A	N/A	N/A	N/A

5. *Anticipated land-use changes. For Ag contractors, also include changes in irrigated acres.*

No major land use changes are anticipated in the Cachuma Project area. Based on the most recent (2010) Federal census, growth in the project service area has been low when compared to other parts of the County or the State. In fact, some parts of the project service area (e.g., Carpinteria) declined in population between 2000 and 2010.

6. *Cropping patterns (Agricultural only)*

SBCWA does not have any data on agriculture. Agricultural tables have been deleted. Some individual Cachuma Member Units may have this data, but most Cachuma Project water goes for urban uses.

7. *Major irrigation methods (by acreage) (Agricultural only)*

SBCWA does not have any data on agriculture. Table deleted.

B. Location & Facilities

See Attachment A for map of the Santa Ynez River reservoirs and distribution system, which covers the Cachuma Project service area. The map shows the 3 main reservoirs on the Santa Ynez River: Jameson, Gibraltar and Cachuma. It also depicts the delivery pathways to Santa Ynez/Solvang and through the mountains to the south coast of Santa Barbara County.

Note: SBCWA is neither a water wholesaler nor a retailer. SBCWA does not own, control or manage any water facilities or delivery systems. All Project water is delivered to the 5 sub-contractors, each of which is an urban water retailer. The 5 Cachuma Member Units have collectively formed the Cachuma Management and Operations Board (COMB), a Joint Powers Authority that operates and maintains Cachuma Project facilities except for Bradbury Dam which is operated by USBR.

1. Incoming flow locations and measurement methods

SBCWA doesn't manage any water and doesn't control any flows nor conduct any measurements. The Cachuma Operations and Maintenance Board (COMB) operates and maintains all project facilities except for Bradbury Dam which is operated by USBR. COMB, and not SBCWA, maintains all data on incoming flows and measurement methods.

<i>Location Name</i>	<i>Physical Location</i>	<i>Type of Measurement Device</i>	<i>Accuracy</i>
None by SBCWA	none	none	n/a

2. Current year Agricultural Conveyance System

Data is not available to SBCWA.

<i>Miles Unlined - Canal</i>	<i>Miles Lined - Canal</i>	<i>Miles Piped</i>	<i>Miles - Other</i>
0	0	0	0

3 Current year Urban Distribution System

SBCWA doesn't distribute any water. Each COMB member maintains and reports to USBR on its distribution system. SBCWA doesn't have data on COMB members units' pipelines.

<i>Miles AC Pipe</i>	<i>Miles Steel Pipe</i>	<i>Miles Cast Iron Pipe</i>	<i>Miles - Other</i>
0	0	0	0

4. Storage facilities (tanks, reservoirs, regulating reservoirs)

SBCWA doesn't own or manage any water storage facilities. COMB operates and manages such facilities for the Cachuma Project.

<i>Name</i>	<i>Type</i>	<i>Capacity (AF)</i>	<i>Distribution or Spill</i>
n/a	None	0	0

5. Description of the agricultural spill recovery system and outflow points.

Not Applicable.

6. Agricultural delivery system operation (check all that apply) N/A

<i>Scheduled</i>	<i>Rotation</i>	<i>Other (describe)</i>
n/a		

7. *Restrictions on water source(s)*

<i>Source</i>	<i>Restriction</i>	<i>Cause of Restriction</i>	<i>Effect on Operations</i>
Cachuma Res.	25,714 AF/year delivery limit	USBR contract	Ensures consistent allocation; No adverse effect.
Cachuma Res.	Releases for steelhead migration	Biological Opinion	In 2004, gate extensions raised level to 753 feet, thus providing up to 9200AF for releases.
Cachuma Res.	Releases into Santa Ynez River for downstream water rights holders.	State Water Resources Control Board (SWRCB) orders; and requests by Santa Ynez River Water Conservation District (SYRCWD).	By April 10 each year, SYRWCD provides USBR with estimate of no. & duration of releases required during next 12 months.
State Water Project water from Central Coast Water Authority (CCWA)	Limit of 13,750 AF of non-project water for storage & conveyance.	Warren Act contract 7/25/95 between CCWA and U.S.	USBR determines if capacity is available for storage. If a spill from lake is required, then this non-project water is the first water spilled.

8. *Proposed changes or additions to facilities and operations for the next 5 years*

Since SBCWA doesn't own or operate any water facilities, SBCWA cannot propose any changes or additions to water facilities and operations. Each water purveyor has its own facilities and plans, which can be found in each purveyor's Urban Water Management Plan (UWMP) and similar documents. In 2007 SBCWA coordinated with local water agencies in the development of an Integrated Regional Water Management Plan (IRWMP) which contains information on water sources, facilities and desired improvements. The 2007 IRWMP is currently being revised and an updated version should be issued in 2013. Meanwhile, the 2007 IRWMP is available online at <http://www.countyofsb.org/irwmp/irwmp.aspx?id=39044> and a draft of the 2013 IRWMP will soon be posted online at <http://www.countyofsb.org/irwmp/irwmp.aspx?id=42008>.

C. Topography and Soils

1. *Topography of the district and its impact on water operations and management*

The area served by the Cachuma Project includes the Santa Ynez River Valley within the Santa Ynez Mountain Range and the south coast of Santa Barbara County which lies on the southern side of the mountain range. In contrast to the Santa Ynez Valley, the coastal area (from Carpinteria to Goleta) is composed of approximately 50 short steep watersheds draining into the Pacific Ocean. Nearly all rivers and creeks are dry in summer, which is why the Cachuma Project has been and continues to be critical to the environmental and economic health of the area.

Location of Cachuma (and other) reservoirs at elevation allows mainly gravity-assisted flow through tunnels to south coast communities. There is **no impact** on any County agency's operations and management because SB County doesn't operate or manage any water facilities.

2. *District soil association map (Agricultural only)*
SBCWA does not have this data.
3. *Agricultural limitations resulting from soil problems (Agricultural only)*
Not applicable; table deleted.

D. Climate

1. General climate of the district service area

Note: The Cachuma Project service area is situated at latitude (34.6 degrees north) in a semi-arid or “mediterranean” climate zone, usually with cool wet winters and warm dry summers. The climate is often hot inland around the Cachuma reservoir, but cooler weather prevails in the coastal areas served by most of the Cachuma Member Units. Because weather varies considerably between the inland areas of Santa Ynez/Cachuma and the coastal areas of Santa Barbara, the Plan provides two tables of climate data.

The following data is from the State’s weather station that is closest to Lake Cachuma.

	<i>Jan</i>	<i>Feb</i>	<i>Mar</i>	<i>Apr</i>	<i>May</i>	<i>Jun</i>	<i>Jul</i>	<i>Aug</i>	<i>Sep</i>	<i>Oct</i>	<i>Nov</i>	<i>Dec</i>	<i>Ann'l</i>
<i>Avg Precip. *</i>	1.1	0.5	1.9	0.3	0	0	0	0	0	0	0	1.9	5.73
<i>Avg Temp. **</i>	48.3	49.5	50.7	55.2	58.2	61.0	64.0	66.8	64.0	59.0	51.6	44.6	56.1
<i>Max. Temp.</i>	70.5	67.3	66.9	71.8	76.6	79.2	83.2	89.6	86.7	80.8	71.2	59.4	75.3
<i>Min. Temp</i>	31.0	35.0	38.0	42.2	44.7	47.3	52.1	52.5	50.6	41.5	36.0	32.4	42.0
<i>ETo ***</i>	2.29	2.76	3.95	4.82	6.71	7.00	6.82	6.86	4.99	3.98	2.30	1.33	53.81

**Precipitation is in inches*

***Temperature is in degrees Fahrenheit*

****ETo: Evapotranspiration rate in inches*

Weather station ID CA CIMIS #64

Data period: January 2012 to December 2012

ET Station ID CA CIMIS #64

Average annual frost-free days: 365

The following data is for the coastal portion (Carpinteria to Goleta) of the Cachuma service area.

	<i>Jan</i>	<i>Feb</i>	<i>Mar</i>	<i>Apr</i>	<i>May</i>	<i>Jun</i>	<i>Jul</i>	<i>Aug</i>	<i>Sep</i>	<i>Oct</i>	<i>Nov</i>	<i>Dec</i>	<i>Ann'l</i>
<i>Avg Precip.</i>	1.89	0.23	3.02	2.56	0.13	0.16	0.01	0.02	0.14	0.14	0.98	2.60	11.88
<i>Avg Temp.</i>	54.7	54.1	53.2	56.9	60.7	62.0	63.1	66.8	66.3	64.3	58.3	52.4	59.4
<i>Max. Temp.</i>	68.5	65.3	83.5	67.3	71.3	71.4	72.0	79.0	78.6	77.0	68.0	62.0	70.3
<i>Min. Temp</i>	44.0	44.4	44.1	48.0	51.7	54.6	55.6	58.4	57.7	54.2	49.1	44.4	50.5
<i>ETo</i>	2.12	2.67	3.39	4.26	5.66	4.94	5.19	5.73	4.33	3.63	1.92	1.4	45.24

Weather station ID CA CIMIS #107

Data period: Year January 2012 to December 2012

ET Station ID CA CIMIS #107

Average annual frost-free days: 365

Note: The County Water Resources Division, which includes SBCWA, maintains extensive information on rainfall and hydrology for all parts of the County, including the Cachuma Project service area. Information on rainfall as well as the 2011 Hydrology Report is accessible at the Hydrology website: <http://www.countvofsb.org/pwd/pwwater.aspx?id=3582> .

2. *Impact of microclimates on water management within the service area*

Although there are microclimates across the Cachuma Project’s service area, the production and delivery of water is decentralized among COMB Member Units. Each of the CMUs also has groundwater sources, and thus each water purveyor is able to manage its supplies in a manner appropriate for its local climate.

E. Natural and Cultural Resources

1. *Natural resource areas within the service area*

<i>Name</i>	<i>Estimated Acres</i>	<i>Description</i>
Los Padres Natl Forest	N/A	Adjacent to District; No water service in NF
Santa Ynez River	N/A	Source of most inflow into Cachuma Lake.

2. *Description of district management of these resources in the past or present.*

SBCWA doesn’t manage any natural or cultural resources.

3. *Recreational and/or cultural resources areas within the service area*

<i>Name</i>	<i>Estimated Acres</i>	<i>Description</i>
Various County Parks	N/A	Cachuma Lake is largest park in SB County but the lake and land are owned by USBR.
State & City Parks	N/A	CA and Cities of SB and Carpinteria own various beaches and other parks.

F. Operating Rules and Regulations

1. *Operating rules and regulations*

SBCWA doesn’t operate any water storage or delivery systems. Therefore, SBCWA doesn’t have or need to have any operating rules and regulations.

2. *Water allocation policy (Agricultural only)*

Not applicable. SBCWA is not a water provider and therefore does not have any allocation policies. Cachuma Member Units do not have limitations on water use in non-shortage years.

3. *Official and actual lead times necessary for water orders and shut-off (Agricultural only)*

Not applicable

4. *Policies regarding return flows (from farms) and outflow (Agricultural only)*

Not applicable

5. *Policies on water transfers by the district and its customers*

SBCWA is not a party to any water transfers among Cachuma Project Member Units. As explained in USBR’s September 2012 publication, “*Cachuma Project, California, Guidelines for Operation*” (in Section 5):

“The Master Contract is effective as of May 15, 1995 through September 3, 2020. Also effective as of May 15, 1995, and for a period coterminous with the Master Contract, the Agency executed separate contracts (Member Unit Contracts) with each of the Cachuma Member Units (CMU). In accordance with Section 13 of the Member Unit Contracts, the CMU opted to have all obligations of the Agency under the Master contract directly discharged by the CMU and/or the COMB, with the exception of separate obligations of the Agency under Sections 20 and 27 of the Master Contract”.

This same section (#5) of USBR’s Cachuma Project Guidelines addresses the role of COMB, the member units, and USBR in requesting and approving deliveries and schedules.

G. Water Measurement, Pricing, and Billing

1. Agricultural Customers

Although there are some agricultural customers served by Cachuma Member Units, the CMUs serve primarily urban customers. SBCWA does not have any data on CMU’s agricultural customers. Each CMU reports to USBR on both their agricultural and urban customers.

2. Urban Customers

The following data **pertains to SBCWA** and not to the Cachuma Member Units. SBCWA does not have this data regarding CMU’s urban customers.

- a. Total number of connections 0
- b. Total number of metered connections 0
- c. Total number of connections not billed by quantity 0
- d. Percentage of water that was measured at delivery point n/a
- e. Percentage of delivered water that was billed by quantity n/a
- f. Measurement device table

Meter Size and Type	Number	Accuracy* (+/-percentage)	Reading Frequency (Days)	Calibration Frequency (Months)	Maintenance Frequency (Months)
5/8-3/4"	0				
1"	0				
1 1/2"	0				
2"	0				
3"	0				
4"	0				
6"	0				
8"	0				
10"	0				
Compound	0				
Turbo	0				
Other (define)	0				
Total	0				

3. Agricultural and Urban Rates

Note: Not applicable. SBCWA is not a water wholesaler or retailer, and therefore SBCWA doesn’t sell any water. Each CMU has its own rates and rate structures for agricultural and urban customers. However, SBCWA prepares an annual summary of water rates for all water purveyors across Santa Barbara County. The 2012 rates information for all Cachuma Member Units and other water purveyors

in Santa Barbara County is posted online in the “About Us” section of www.WaterWiseSB.org. This rate summary is also found in Attachment E.

a. *Current year agricultural and /or urban water charges - including rates and billing frequency*
Not applicable to SBCWA which doesn't sell any water.

b. Annual charges collected from agricultural customers
Not applicable to SBCWA; table deleted

Annual charges collected from urban customers
Not applicable to SBCWA; table deleted

c. *Describe the contractor's record management system*
COMB and individual Member Units, rather than SBCWA, are responsible for record management.

H. Water Shortage Allocation Policies

1. *Current year water shortage policies or shortage response plan - specifying how reduced water supplies are allocated*

COMB and individual Cachuma Member Units, rather than SBCWA, are responsible for water shortage policies and plans. However, SBCWA has worked with local water purveyors to prepare a “*Water Shortage Contingency/Drought Planning Handbook*”, issued in September 2007, which was partly funded by a grant from USBR. See Attachment C for the *Handbook*.

2. *Current year policies that address wasteful use of water and enforcement methods*

Not applicable to SBCWA which is not a water purveyor and therefore does not have ordinances regarding water usage. Each CMU has its own policies.

I. Evaluate Policies of Regulatory Agencies Affecting the Contractor and Identify Policies that Inhibit Good Water Management.

USBR requires each of its contractors to submit a Water Management Plan which follows the 2011 Standard Criteria. However, those Criteria do not fit SBCWA's unique role among USBR contractors. SBCWA was established in 1945 for the purpose of contracting with the U.S. Government to ensure the provision of Federal project water for local water districts within this County. However, SBCWA is not a water purveyor, wholesaler or distributor. SBCWA does not own, manage or provide any water or water-related facilities or operations. In April 1996 when USBR and SBCWA renewed the master contract (No. 175r-1802R) for water service from the Cachuma Project, SBCWA also executed separate contracts with each of the Cachuma Member Units (CMU), which collectively form the Cachuma Operations and Maintenance Board (COMB). As USBR's Mid-Pacific Regional Office explained (on page 11, paragraph 1) in its September 2012 report, Cachuma Project, California, Guidelines for Operation, “*In accordance with Section 13 of the Member Unit contracts, the CMU opted to have all obligations of the Agency under the Master Contract directly discharged by the CMU and/or the COMB, with the exception of separate obligations of the Agency under Sections 20 and 27 of the Master Contract*”. Sections 20 and 27 pertain to water conservation programs coordinated on a regional basis by SBCWA.

Thus, consistent with the quote from USBR's Mid-Pacific Regional Office Guidelines, only the individual CMUs or COMB (and not SBCWA) have the kind of data required by the 2011 Criteria.

While we are unable to provide much of the data requested by the 2011 Criteria, USBR is already getting that data in individual Water Management Plans submitted by each of the Cachuma Member Units. We welcome a discussion with USBR staff regarding SBCWA's unique role and the kind of Water Plan that would best fit our role. As USBR's master contractor for the Cachuma Project, SBCWA has historically provided the regional coordination and fiduciary assurance needed by USBR to ensure the successful completion, implementation and financing of the Cachuma Project. Moreover, SBCWA will continue to submit "annual updates" on this Plan by reporting through CUWCC's online database on implementation of best management practices.

Section II: Inventory of Water Resources

A. Surface Water Supply

1. *Surface water supplies in acre feet, imported and originating within the service area, by month*
 COMB and individual Member Units, rather than SBCWA, maintain information on water supplies within the service area. Thus a surface water inventory table is not included in this Plan. However, each Cachuma Member Unit uses form #38 to report annually to California DWR on its water supplies during the preceding calendar year. SBCWA uses the form #38 data to prepare an annual summary of water production which can be found online at <http://www.countyofsb.org/pwd/pwwater.aspx?id=3726>).

2. *Amount of water delivered to the district by each of the district sources for the last 10 years*
 COMB and individual Member Units, rather than SBCWA, maintain information on water supplies within the service area. Thus, a water delivery inventory table is not included in this Plan.

B. Groundwater Supply

1. *Groundwater extracted by the district and delivered, by month*
 COMB and individual Member Units, rather than SBCWA, maintain information on water supplies and extractions within the service area. Thus, a groundwater supply table is not included in this Plan.

2. *Groundwater basin(s) that underlies the service area*

<i>Name</i>	<i>Size (Square Miles)</i>	<i>Usable Capacity (AF)</i>	<i>Safe Yield (AF/Y)</i>
**			

**Note: Each Cachuma Member Unit has its own groundwater sources for which it maintains this information. Each CMU prepares its own Water Management Plan and reports separately to USBR.

In addition, SBCWA periodically prepares reports on Groundwater across the entire County, e.g., see the most recent report "2011 Santa Barbara County Groundwater Report" at this website: <http://www.countyofsb.org/pwd/pwwater.aspx?id=41398> .

3. *Map of district-operated wells and managed groundwater recharge areas*

Note: SBCWA doesn't operate any wells and doesn't manage any groundwater recharge areas. Each Cachuma Member Unit operates and manages its own wells and groundwater recharge areas. Each CMU reports directly to USBR. Thus, a map of groundwater *facilities* is not included in this plan. However, the attached map (Attachment A: <http://www.countyofsb.org/pwd/pwwater.aspx?id=41398>) of Santa Ynez River Reservoirs does also indicate the groundwater *basins* underlying each of the Cachuma Member Units' service areas.

4. *Description of conjunctive use of surface and groundwater*

SBCWA doesn't manage any surface or groundwater and thus doesn't have any policies or practices related to conjunctive use. Each Cachuma Member Unit determines its own conjunctive use policies and practices.

5. *Groundwater Management Plan*

Note: Since SBCWA doesn't manage any groundwater sources, SBCWA doesn't have or need to have a groundwater management plan. However, SBCWA periodically reports on groundwater status across SB County as noted above in section B.2.

6. *Groundwater Banking Plan*

Not applicable to SBCWA.

C. Other Water Supplies

1. *"Other" water used as part of the water supply – Describe supply*

Not applicable to SBCWA. Individual Cachuma Member Units may have information on their use of recycled water.

D. Source Water Quality Monitoring Practices

Note: SBCWA doesn't perform any water quality monitoring. Such monitoring is the responsibility of individual water purveyors and COMB.

1. *Potable Water Quality (Urban only)*

Not applicable to SBCWA. Each Cachuma Member Unit issues its own annual water quality report to its customers.

2. *Agricultural water quality concerns:* Yes _____ No _____ X _____
(If yes, describe)

3. *Description of the agricultural water quality testing program and the role of each participant, including the district, in the program*

Not applicable.

4. *Current water quality monitoring programs for surface water by source (Agricultural only)*

Not applicable; tables deleted.

E. Water Uses within the District

1. *Agricultural*

Not applicable. Although there are some agricultural customers served by Cachuma Member Units, the CMUs serve primarily urban municipal and industrial customers. Each CMU has its own Water Management Plan and reports to USBR on both their agricultural and urban customers.

2. *Types of irrigation systems used for each crop in current year*

Data is not available to SBCWA. Table deleted.

3. *Urban use by customer type in current year*

Note: Each Cachuma Member Unit reports annually to CA DWR using form #38 to report its water distribution data. This data is compiled by SBCWA into a summary report for the preceding calendar year. The data for CY2012 is posted online in the “About Us” section of WaterWiseSB.org at <http://www.waterwisesb.org/interior.aspx?id=362> . The data in the table below has been compiled for the 5 Cachuma Project Member Units based on their 2012 form 38’s.

<i>Customer Type</i>	<i>Number of Connections</i>	<i>AF</i>
<i>Single-family</i>	41,750	18,993
<i>Multi-family</i>	8,302	5,536
<i>Commercial (& Instit'l)</i>	4,354	5,891
<i>Industrial</i>	138	372
<i>Institutional</i>	-	-
<i>Landscape irrigation</i>	1,118	2,163
<i>Wholesale</i>	2	69
<i>Recycled</i>	121	1,726
<i>Other (Agriculture)</i>	800	8,042
<i>Other (Un-specified)</i>	493	1,074
<i>Other (specify)</i>	-	-
<i>Unaccounted for</i>	-	-
Total	56,898	43,866

4. *Urban Wastewater Collection/Treatment Systems serving the service area*

Note: SBCWA does not have this data. Within each Cachuma Member Unit’s service areas, there are different wastewater collection/treatment systems. SBCWA is not involved in wastewater treatment.

<i>Treatment Plant</i>	<i>Treatment Level (1, 2, 3)</i>	<i>AF</i>	<i>Disposal to / uses</i>
None for SBCWA			

5. *Groundwater recharge in current year*

Not applicable to SBCWA. Table deleted.

6a. *Transfers and exchanges into the service area in current year – (Table 1)*

<i>From Whom</i>	<i>To Whom</i>	<i>AF</i>	<i>Use</i>
None for SBCWA			

F. Outflow from the District (Agricultural only)

Not applicable; SBCWA has deleted the USBR guidelines’ tables that were part of this section.

G. Water Accounting (Inventory)

SBCWA does not compile or maintain data on water inventories within the Cachuma Project service area. SBCWA does periodically produce reports on water supplies, as noted elsewhere in this Plan and as listed in the “Attachments” section at the end of this Water Management Plan.

Section III: Best Management Practices (BMPs) for Agricultural Contractors *Not applicable to SBCWA*

SBCWA does not have this data. Some individual Cachuma Member Units may have this data in their Water Management Plans submitted to USBR or in their annual BMP reporting through the California Urban Water Conservation Council (CUWCC).

Section IV: Best Management Practices for Urban Contractors

A. Urban BMPs

Foundational BMPs

1. Utility Operations Programs
 - 1.1. Operations Practices
 - A.1) Conservation Coordinator
 - A.2) Water waste prevention
 - A.3) Wholesale agency assistance programs
 - 1.2. Water Loss Control
 - 1.3. Metering with Commodity Rates for All New Connections and Retrofit of Existing Connections
 - 1.4. Retail Conservation Pricing
2. Education Programs
 - 2.1. Public Information Programs
 - 2.2. School Education Programs

Programmatic BMPs

3. Residential
 - A.1) Residential assistance program
 - A.2) Landscape water survey
 - A.3) High-efficiency clothes washers (HECWs)
 - A.4) WaterSense Specification (WSS) toilets
 - A.5) WaterSense Specifications for residential development
4. Commercial, Industrial, and Institutional (CII)
5. Landscape

B. Provide a 3-Year Budget for Expenditures and Staff Effort for BMPs

1. Amount actually spent during current year.

Note: all data refers to dollars and staff hours spent by SBCWA and its staff. Individual Cachuma Member Units have spent additional dollars and staff hours that are not reflected in this data.

Year <u>2012</u> or <u>Year 1</u>	Projected Expenditures		Staff Hours
BMP #	BMP Name	(not including staff hours)	
1. Utilities Operations			
1.1	Operations Practices	\$0	0
1.2	Water Loss Control	\$0	0
1.3	Metering	\$0	0
1.4	Retail Conservation Pricing	\$0	0
Note: SBCWA is neither a water wholesaler nor a retailer. Thus, SBCWA doesn't have any water for operations, loss control, metering, or pricing.			
2. Education Programs			
2.1	Public Information Programs	\$53,462	1,052
2.2	School Education Programs	\$17,748	380
3.	Residential	\$0	32
4.	CII	\$0	0
5.	Landscape	\$135,098	645
	<i>Total</i>	\$206,308	2,109

Note: See Regional Water Efficiency Program (RWEP) program annual report in Attachment D.

2. Projected budget summary for 2nd year.

Year 2013 or Year 2

BMP #	BMP Name	Projected Expenditures (not including staff hours)	Staff Hours
<i>1. Utilities Operations</i>			
1.1	<i>Operations Practices</i>	\$0	0
1.2	<i>Water Loss Control</i>	\$0	0
1.3	<i>Metering</i>	\$0	0
1.4	<i>Retail Conservation Pricing</i>	\$0	0
<i>2. Education Programs</i>			
2.1	<i>Public Information Programs</i>	\$55,000	1,000
2.2	<i>School Education Programs</i>	\$20,000	350
<i>3. Residential</i>			
		\$3,000	150
<i>4. CII</i>			
		\$2,000	100
<i>5. Landscape</i>			
		\$120,000	500
	<i>Total</i>	\$200,000	2,100

3. Projected budget summary for 3rd year.

Year 2014 or Year 3

BMP #	BMP Name	Projected Expenditures (not including staff hours)	Staff Hours
<i>1. Utilities Operations</i>			
1.1	<i>Operations Practices</i>	\$0	0
1.2	<i>Water Loss Control</i>	\$0	0
1.3	<i>Metering</i>	\$0	0
1.4	<i>Retail Conservation Pricing</i>	\$0	0
<i>2. Education Programs</i>			
2.1	<i>Public Information Programs</i>	\$55,000	1,000
2.2	<i>School Education Programs</i>	\$20,000	350
<i>3. Residential</i>			
		\$3,000	150
<i>4. CII</i>			
		\$2,000	100
<i>5. Landscape</i>			
		\$120,000	500
	<i>Total</i>	\$200,000	2,100

Attachments:

Most attachments are also available online as shown in the list below.

- A. Map of water distribution from Santa Ynez River reservoirs
 - a. Online at
<http://cosb.countyofsb.org/uploadedFiles/pwd/Water/WaterAgency/Water%20source%20distrbtn%20SYRiver%20So%20Co%20Dec13.pdf>
- B. Regional Water Shortage/Drought Management Plan (2004)
 - b. <http://cosb.countyofsb.org/pwd/water/downloads/DroughtPlanFinal.pdf>
- C. Santa Barbara County Water Purveyors' Water Shortage Contingency /Drought Planning Handbook, September 2007
 - c. <http://cosb.countyofsb.org/pwd/water/downloads/HandbookforPurveyorsRevSep2007.pdf>
- D. Annual Report for Regional Water Efficiency Program in Santa Barbara County (FY2011-12)
- E. Report on 2012 Water Rates for Water Providers in Santa Barbara County
- F. Table of 2012 Water Production and Usage for Water Providers in SB Co.
- G. Groundwater Report 2011
 - d. <http://www.countyofsb.org/pwd/pwwater.aspx?id=41398>
- H. Santa Barbara County Hydrology Report 2011
 - e. <http://www.countyofsb.org/pwd/pwwater.aspx?id=3582>
- I. Integrated Regional Water Management Plan for Santa Barbara County 2007
 - f. <http://www.countyofsb.org/irwmp/irwmp.aspx?id=39044>
- J. [*pending: Draft IRWMP for Santa Barbara County (2013 pending)*]
 - g. <http://cosb.countyofsb.org/irwmp/irwmp.aspx?id=42010>

**Santa Barbara County Water Agency
2013-2018 Water Management Plan**

**As USBR Contractor for the Cachuma Project
2011 Criteria**

Date of Final – July 24, 2013