

**COLORADO RIVER BOARD OF CALIFORNIA**

770 FAIRMONT AVENUE, SUITE 100  
GLENDALE, CA 91203-1068  
(818) 500-1625  
(818) 543-4685 FAX



April 6, 2009

**NOTICE OF REGULAR MEETING OF THE  
COLORADO RIVER BOARD**

**NOTICE IS HEREBY GIVEN** pursuant to the call of the Chairperson, D. Bart Fisher, Jr., by the undersigned, the Executive Director of the Colorado River Board of California, that a regular meeting of the Board Members is to be held as follows:

Date: April 15, 2009, Wednesday  
Time: 10:00 a.m.  
Place: Vineyard Room  
Holiday Inn Ontario Airport  
2155 East Convention Center Way  
Ontario, CA 91764-4452  
TEL: (909) 212-8000, FAX: (909) 418-6703

The Colorado River Board of California welcomes any comments from members of the public pertaining to items included on this agenda and related topics. Oral comments can be provided at the beginning of each Board meeting; while written comments may be sent to Mr. D. Bart Fisher, Jr., Chairperson, Colorado River Board of California, 770 Fairmont Avenue, Suite 100, Glendale, California, 91203-1068.

An Executive Session may be held in accordance with provisions of Article 9 (commencing with Section 11120) of Chapter 1 of Part 1 of Division 3 of Title 2 of the Government Code and in accordance with Sections 12516 and 12519 of the Water Code to discuss matters concerning interstate claims to the use of Colorado River System waters in judicial proceedings, administrative proceedings, and/or negotiations with representatives from other states or the federal government.

Requests for additional information may be directed to: Gerald R. Zimmerman, Executive Director, Colorado River Board of California, 770 Fairmont Avenue, Suite 100, Glendale, CA 91203-1068, or 818-500-1625. A copy of this Notice and Agenda may be found on the Colorado River Board's web page at [www.crb.ca.gov](http://www.crb.ca.gov).

A copy of the meeting agenda, showing the matters to be considered and transacted, is attached.

A handwritten signature in black ink, appearing to read "Gerald R. Zimmerman".

Gerald R. Zimmerman

Director

attachment: Agenda

Regular Meeting  
COLORADO RIVER BOARD OF CALIFORNIA  
April 15, 2009, Wednesday  
10:00 a.m.

Vineyard Room  
Holiday Inn Ontario Airport  
2155 East Convention Center Way  
Ontario, CA 91764-4452

**AGENDA**

At the discretion of the Board, all items appearing on this agenda, whether or not expressly listed for action, may be deliberated upon and may be subject to action by the Board. Items may not necessarily be taken up in the order shown.

1. Call to Order
2. Opportunity for the Public to Address the Board (Limited to 5 minutes)  
As required by Government Code, Section 54954.3(a)
3. Administration
  - a. Minutes of the Meeting Held March 11, 2009, Consideration and Approval **(Action)** . TAB 1
4. Agency Managers Meetings  
Reports from the Executive Director
5. Protection of Existing Rights
  - a. Colorado River Water Report(s) ..... TAB 2  
Report from Board Staff on current reservoir storage, reservoir releases, projected water use, forecasted river flows, scheduled deliveries to Mexico, and salinity
  - b. State and Local Water Reports ..... TAB 3  
Reports from Board members on current water supply and use conditions
  - c. Colorado River Operations ..... TAB 4  
Report(s) from the Executive Director
    - President Obama's Nomination of Mr. Michael L. Connor as Commissioner of the Bureau of Reclamation
    - President Obama's Nomination of Mr. Peter S. Silva as Assistant Administrator for Water Programs, Environmental Protection Agency
    - Board Letter and *Federal Register* Notice Regarding U.S. Army Corps of Engineers' Preparation of an Environmental Impact Statement for the Proposed Regional Watershed Supply Project in Wyoming and Colorado (Flaming Gorge Pipeline Project)
    - MWD's Letter to the City of Needles Regarding Selection of USGS Investigation of Lower Colorado Water Supply Project Water Quality
    - All-American Canal Lining Project Dedication Event to be Held on April 30, 2009

**Agenda (continued)**

d. Basin States Discussions

Report(s) from the Executive Director

- Basin States Discussion Document Concerning Binational Water Management

e. Colorado River Environmental Issues ..... **TAB 5**

Report(s) from the Board Staff

- Lower Colorado River Multi-Species Conservation Program Water Use and Acquisition Agreement for Program Implementation

6. Water Quality

a. Colorado River Basin Salinity Control Forum ..... **TAB 6**

- Board's Testimony to the House Committee on Appropriations, Subcommittee on Interior, Environment, and Related Agencies Requesting Appropriations for the Colorado River Basin Salinity Control Program, Title II

b. PG&E Topock Chromium VI Remediation Update

7. Executive Session

An Executive Session may be held by the Board pursuant to provisions of Article 9 (commencing with Section 11120) of Chapter 1 of Part 1 of Division 3 of Title 2 of the Government Code and Sections 12516 and 12519 of the Water Code to discuss matters concerning interstate claims to the use of Colorado River system waters in judicial proceedings, administrative proceedings, and/or negotiations with representatives from other states or the federal government.

**8. Other Business**

a. Next Board Meeting: Special Meeting in conjunction with

ACWA's 2009 Spring Conference ..... **TAB 7**

May 20, 2009, Wednesday, starting 4:30 p.m.

Sacramento Convention Center, Room 315

1400 J Street

Sacramento, CA 95814

TEL: (916) 808-5291, FAX: (916) 808-7687

3.a. - Approval March 11, 2009. Board Meeting Minutes

Minutes of Regular Meeting  
COLORADO RIVER BOARD OF CALIFORNIA  
Wednesday, March 11, 2009

A Regular Meeting of the Colorado River Board of California (Board) was held in the Orchard Room, of Holiday Inn Ontario Airport, 2155 East Convention Center Way, Ontario, California, 91764-4452, Wednesday, March 11, 2009.

Board Members and Alternate Present

Dana Bart Fisher, Jr, Chairman

John V. Foley

Terese Maria Ghio

W.D. "Bill" Knutson

Henry Merle Kuiper

Thomas M. Erb

John W. McFadden

John Pierre Menvielle

Jeanine Jones, Designee

Department of Water Resources

Christopher G. Hayes, Designee

Department of Fish and Game

Board Member Absent

James B. McDaniel

Others Present

Steven B. Abbott

Mark D. Beuhler

Celia A. Brewer

James H. Bond

John Penn Carter

Charles Van Dyke

Dave Fogerson

Michael L. King

Russell Kitahara

William J. Hasencamp

Thomas E. Levy

Jan P. Matusak

Dan Parks

Halla Razak

Steven B. Robbins

John L. Scott

Jack Seiler

Tina L. Shields

Ed W. Smith

Mark Stuart

William H. Swan

Peter E. von Haam

Joseph A. Vanderhorst

Bill D. Wright

Abbas Amir-Teymoori

J.C. Jay Chen

Christopher S. Harris

Gary E. Tavetian

Mark Van Vlack

Gerald R. Zimmerman

**CALL TO ORDER**

Chairman Fisher announced the presence of a quorum, called the meeting to order at 10:00 am.

## **OPPORTUNITY FOR THE PUBLIC TO ADDRESS THE BOARD**

Chairman Fisher asked if there was anyone in the audience who wanted to address the Board on items on the agenda or matters related to the Board. Hearing none, Chairman Fisher moved to the next agenda item.

## **ADMINISTRATION**

### Approval of Minutes

Chairman Fisher asked if there was a motion to approve the February 11<sup>th</sup> meeting minutes. Mr. Knutson moved the February 11<sup>th</sup> minutes be approved. Seconded by Mr. Menvielle, unanimously carried, the Board approved the February 11<sup>th</sup> meeting minutes.

## **AGENCY MANAGERS' MEETING**

Mr. Zimmerman reported that the Agency managers are scheduled to meet after the March 11<sup>th</sup> Board meeting. The purpose of the meeting was to discuss the operations of the Proposed Yuma Desalting Plant Pilot Project. In addition, the Agency managers were to discuss the Basin states Discussion Document regarding the International Boundary and Water Commission's Process.

## **PROTECTION OF EXISTING RIGHTS**

### Colorado River Water Report

Mr. Amirteymouri reported that as of March 8<sup>th</sup> the storage in Lake Powell was 12.898 million acre-feet (maf), or 53 percent of capacity. The water surface elevation was 3,611.7 feet. The storage in Lake Mead was 12.476 maf, or 48 percent of capacity, and water surface elevation was 1,110.8 feet. Total System storage was about 32.607 maf, or 55 percent of capacity. Last year at this time, there was 30.973 maf in storage, or 52 percent of capacity. There was an increase of over 1.5 maf acre-feet in total system storage over last year.

Mr. Amirteymouri reported that precipitation from October 1<sup>st</sup> to March 9<sup>th</sup> was 99 percent of normal, and the snowpack was about 102 percent of normal. The April through July runoff is expected to be 7.8 maf or 98 percent of normal. The anticipated 2009 water year runoff is 11.225 maf or about 93 percent of normal. The snow condition, as of March 10<sup>th</sup>, is normal for this time of year. Last month there were small areas in the Upper Basin that were above normal snowpack but those areas dropped by about 10 percent to fall within the normal range for this time of year.

Mr. Amirteymouri added that Reclamation's projected consumptive use (CU) for the State of Nevada is 304,000 acre-feet; and for Arizona, the CU is projected to be slightly below its basic entitlement of 2.8 maf (2.773 maf); and for California, the CU is projected to be 4.427 maf. The total projected CU in the Lower Basin is expected to be about 7.504 maf.

## State and Local Water Reports

Ms. Mark Stuart, of the California Department of Water Resources, reported on the current climate conditions in California. At the Los Angeles Civic Center January was dryer than normal, and February was about 10 percent wetter than normal, but still about three inches below average for the season. The Central Coast Region is less than 70 percent of normal, whereas, the South Coast is between 83 and 113 percent of normal. The Imperial and Blythe areas are about 80 percent of normal.

Mr. Stuart reported that the Sacramento River Index was 85 percent of average. Though February was wetter than average, January was about 30 percent of average. The Northern Sierra Precipitation 8-Station Index as of March 9<sup>th</sup> was about 80 percent of normal. However, runoff was only 45 percent of normal.

Mr. Stuart reported that the reservoir storage of the State Water Project (SWP) north of the Delta was 1.468 maf or 40 percent of capacity, south of the Delta the SWP reservoir storage was 1.089 maf or 60 percent of capacity, overall the SWP reservoir storage was 2.558 maf or 46 percent of capacity. SWP projected deliveries are currently at 15 percent of Table A Entitlements. The SWP deliveries for the rest of the year are expected to be decided within the next few weeks.

Mr. Stuart reported that on February 27<sup>th</sup> Governor Schwarzenegger declared California to be in a drought. Since that time both the Shasta and Oroville Reservoirs have increased in storage, but both are still well below normal. Lake Shasta was about 65 percent of capacity, and Lake Oroville was about 39 percent of capacity.

Mr. Foley, of The Metropolitan Water District of Southern California (MWD), reported that as of March 1<sup>st</sup>, MWD's combined reservoirs storage of Lakes Skinner, Mathews, and Diamond Valley, was about 562,000 acre-feet, or about 54 percent of capacity. Diamond Valley Lake was about 408,000 acre-feet, or about 50 percent of capacity. Lake Mathews was about 116,000 acre-feet, or at 64 percent of capacity. Lake Skinner is about 39,000 acre-feet, or 89 percent of capacity.

Mr. Erb, of the City of Los Angeles Department of Water and Power (LADWP), reported that precipitation in the Eastern Sierra was about 81 percent of normal. On the March snow report the overall Eastern Sierra was 72 percent of normal for this time of year and 63 percent of normal for April 1<sup>st</sup>. The Los Angeles City Council is set to debate restrictions on outdoor water use. Perhaps as soon as next week the LADWP Board will make a decision on water rationing.

## Colorado River Operations

*Federal Register Notice Regarding Reclamation's Information collection Request to continue Lower Colorado River Well Inventory to the Office of Management and Budget*

Mr. Zimmerman reported that Reclamation published a notice in the *Federal Register* regarding Reclamation's request to the Office of Management and Budget for the continued collection of well inventory data along the Lower Colorado River. This information collecting request is made pursuant to the 1995 Paperwork Reduction Act. Reclamation is soliciting comments from interested stakeholders regarding the continuation of this program. This information is necessary in order to make a full and comprehensive accounting for diversions and water uses in accordance with the Consolidated Decree in *Arizona v. California*. Comments are due by March 27<sup>th</sup>. Mr. Zimmerman

requested a motion to approve the Board send a letter to Reclamation in support of continuing the well inventory activity. Upon the motion of Mr. Kuiper, seconded by Ms. Jones, the Board unanimously approved the recommendation that the Executive Director send a letter to Reclamation in support of continuing the Lower Basin well inventory data collection effort.

#### *Lower Colorado Water Supply Project Monitoring Study*

Mr. Zimmerman reported the Lower Colorado Water Supply Project (LCWSP) is the sole water supply for many of the project's beneficiaries. The exchange contract among Needles, Imperial Irrigation District (IID), and Coachella Valley Water District (CVWD) allows IID and CVWD to reject receipt of the exchange water if the salinity exceeds 879 ppm, plus or minus 30 ppm. Because of this possibility, there is a need to conduct an assessment of the future quality of the groundwater being pumped by the LCWSP well field. The project's beneficiaries also need sufficient lead time to implement corrective actions or to find another water supply source if the groundwater quality of the groundwater aquifer steadily degrades. The recognition of lead time was made part of the agreement among Reclamation, MWD, and the City of Needles, in which MWD has the ability to purchase water that is made available from the excess capacity of the well field. The money that is received from MWD is placed into a Trust Fund for the benefit of the LCWSP beneficiaries and can be used to conduct studies of the groundwater aquifer and if necessary, to implement corrective actions at the existing well field or to find an alternative water supply. Among several proposals to refine the goals and objectives of this initial study, the proposal of the USGS was selected. The USGS proposal will be a 3-year study that begins in 2009 with an estimated cost of \$1.1 million. The objectives of the study will be to: 1) Describe the current knowledge of the groundwater system adjacent to the well field; 2) Determine the data and information needs; 3) Establish a hydrologic monitoring network; and 4) Develop an initial characterization of the groundwater system.

Mr. Zimmerman reported that approval of both Reclamation and MWD is required to expend money from the Trust Fund. On March 5<sup>th</sup>, a letter was received from Reclamation approving the study to be conducted by the USGS. It is anticipated that MWD's approval letter, accepting the USGS study proposal, will be received soon. A copy of Reclamation's March 5<sup>th</sup> letter was included in the handout materials.

#### *Imperial Irrigation District's Proposal to Rename the Drop-2 Reservoir to honor the late Mr. Warren H. Brock*

Mr. Zimmerman reported that at the last Board meeting, the Board endorsed IID's request that Reclamation rename the Drop-2 Reservoir facility to honor the late Mr. Warren H. Brock. The Board staff prepared a letter to Reclamation in support of the Board's action and IID's request. Copies of letters from the Board and the Central Arizona Water Conservation District supporting the name-change were included in the Board folder.

#### *Metropolitan Water District's Letter to Reclamation and the three Lower Basin states regarding the Southern Nevada Water Authority Interstate Account*

Mr. Zimmerman reported that the Board folder included a copy of MWD's February 24<sup>th</sup> letter to Reclamation regarding the Southern Nevada Water Authority's (SNWA) Interstate Account. The letter stated that, as of March 1<sup>st</sup>, MWD will make a final verified accounting for the prior year including: 1) the beginning 2008 balance of 25,000 acre-feet; 2) The amount of water diverted and

stored in 2008, 45,000 acre-feet; 3) The debits withdrawn from the account by SNWA for the purpose of creating Intentionally Created Unused Apportionment was zero acre-feet; 4) The net balance during 2008 was 45,000 acre-feet; 5) The cumulative amount credited to SNWA's account was 70,000 acre-feet.

### Basin States Discussion

#### *Basin States Discussion Document Concerning Bi-national Water Management*

Mr. Zimmerman reported that the Basin States' Discussion Document concerning Bi-national Water Management was transmitted to the IBWC's Commissioner, Mr. Bill Ruth, on December 17, 2008. Commissioner Ruth shared the Discussion Document with Mexico's counterparts in January. Mexico requested a consultation meeting with federal representatives. The consultation meeting was held February 13<sup>th</sup>. Mexico welcomed the receipt of the Discussion Document, and cited the need for greater detail, and wanted further discussion to be held regarding the binational process. Some in the Basin states believe the binational process is inefficient and ineffective and the binational process does not fully recognize the Basin states' role and would like to implement a modified process. All of the Basin states want the dialogue to continue and will start to prepare a response to Mexico's issues.

Mr. Zimmerman reported that representatives of the Basin states are: 1) Preparing a presentation that more fully describes the states role and the concepts contained in the Discussion Document; 2) Identifying how implementation of the programs in the Discussion Document can work and benefit both Nations; 3) Meeting to flesh out the policy and legal issues that must be addressed; 4) As legal and policy issues are identified, the Basin states will attempt to reach a unified position; 5) Begin to develop negotiation protocols; and 6) Preparing for a meeting with Mexican counterparts in May, 2009.

#### *Seven Basin States Governors' Representatives' Letter of Interest in Basin Studies Program to Reclamation*

Mr. Zimmerman reported that at the February Board meeting, the Board considered a letter of interest from the Basin states and others to participate with Reclamation in a study. The study would be part of Reclamation's Water for America Initiative. The Water for America Initiative is a 17 Western states initiative and there will be proposals from any number of the 17 Western states as well as local water districts and others. The letter of interest proposed a study that would refine options and develop strategies for augmentation opportunities to meet future demands within the Colorado River Basin. The identified projects and programs would have the potential for meeting the current and projected water supplies throughout the Colorado River Basin.

Mr. Zimmerman reported that the Basin states would provide significant resources to assist in the development and completion of the proposed study including cost-sharing up to 50 percent. In addition, the Basin states would share data, information, and pertinent models. The letter of interest was due to Reclamation by March 4<sup>th</sup>. The Executive Director signed the letter of interest, which was sent to Regional Directors Ms. Lorri Gray and Mr. Larry Walkoviak requesting Reclamation's participation and cooperation in developing the proposed study. If selected, a detailed study proposal would be prepared in cooperation with Reclamation. A copy of the signed letter to Reclamation was included in the Board folder.

## Colorado River Environmental Activities

### *Seven Colorado River Basin States Representatives' Letter to the Glen Canyon Dam Adaptive Management Program regarding decision-making process associated with Glen Canyon Dam Operations*

Mr. Zimmerman reported that in response to comments circulated in the media suggesting that the Glen Canyon Dam Adaptive Management Program is broken, the Basin states members of Glen Canyon Adaptive Management Work Group sent a letter for the Glen Canyon Adaptive Management Work Group (AMWG) in support of Reclamation and the Glen Canyon Dam Adaptive Management Program (AMP). The letter reaffirmed the Basin states representatives support for the current direction of the AMP and the need to continue scientific research, monitoring, and the stakeholder process provided by the AMP. A copy of the letter sent to Reclamation Regional Director Mr. Larry Walkoviak was included in the Board folder.

### *Status of the Glen Canyon Trust vs. United States Lawsuit*

Mr. Gary Tavetian, of the Attorney Generals' Office, reported that the Glen Canyon Trust Lawsuit is still in the process of being briefed. The defendants and plaintiffs have filed cross-motions for Summary Judgment. Next week the plaintiffs are expected to file a sur-reply, a response to the defendants reply after a motion has been briefed.

## **WATER QUALITY**

### *Salinity Stimulus Package*

Mr. Amirteymouri reported that Reclamation recently announced a potential funding opportunity for implementation of salinity control measures. The funding would come through the public grants portion of the American Recovery and Reinvestment Act of 2009. Grant applications could target salinity control activities and measures such as: 1) Reducing salinity contributions from saline springs; 2) leaking wells; 3) Irrigation sources; 4) Municipal and industrial sources; 5) Erosion of public and private lands; and 6) other sources of salt-loading in the Upper Colorado River Basin. All proposed salinity control projects would be required to replace incidental wildlife habitat losses concurrent with implementation of the salinity control measure. Reclamation expects that the full Funding Opportunity Announcement package will be published at [www.grants.gov](http://www.grants.gov) by March 20<sup>th</sup>. A copy of the advanced notice of the Funding Opportunity Announcement was included in the Board handout materials.

## **OTHER BUSINESS**

### Next Board Meeting

Chairman Fisher announced that the next meeting of the Colorado River Board will be held on Wednesday, April 15, 2009, at 10:00 a.m., at the Holiday Inn Ontario Airport, 2155 East Convention Center Way, Ontario, California.

There being no further items to be brought before the Board, Chairman Fisher asked for a motion to adjourn the meeting. Upon the motion of Mr. Kuiper, seconded by Mr. Menvielle, and unanimously carried, the meeting was adjourned 10:57 a.m. on March 11, 2009.

Gerald R. Zimmerman  
Executive Director

5.a. - Colorado River Water Reports

**SUMMARY WATER REPORT  
COLORADO RIVER BASIN  
April 6, 2009**

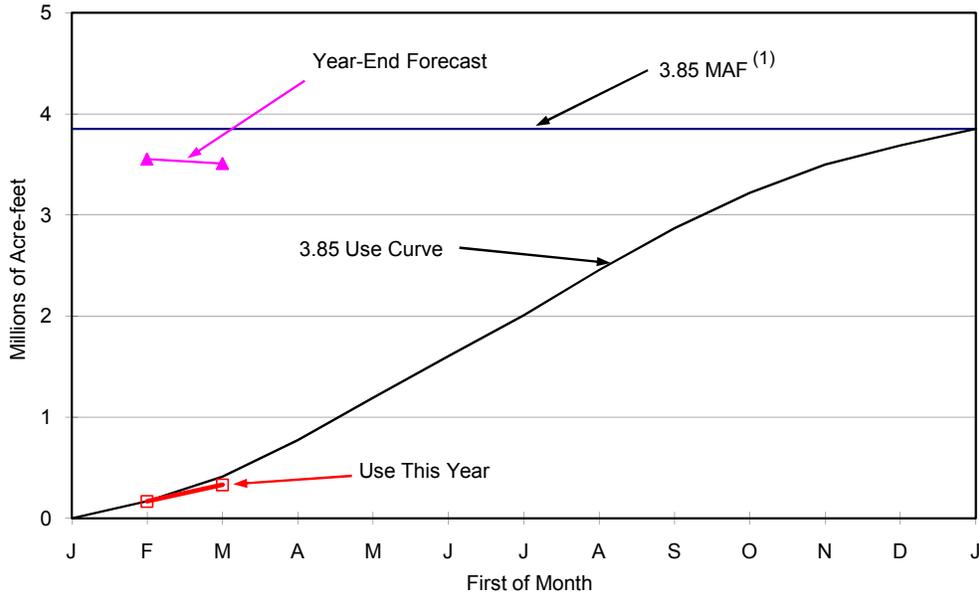
RESERVOIR STORAGE (as of April 5)	March 8, 2009					
	MAF	ELEV. IN FEET	□ of Capacity	MAF	ELEV. IN FEET	□ of Capacity
<b>Lake Powell</b>	12.752	3,610.2	<b>52</b>	12.898	3,611.7	<b>53</b>
<b>Flaming Gorge</b>	2.991	6,020.3	<b>80</b>	2.971	6,019.8	<b>79</b>
<b>Navajo</b>	1.290	6,055.4	<b>76</b>	1.263	6,053.1	<b>74</b>
<b>Lake Mead</b>	12.086	1,106.6	<b>47</b>	12.476	1,110.8	<b>48</b>
<b>Lake Mohave</b>	1.647	641.1	<b>91</b>	1.650	641.2	<b>91</b>
<b>Lake Havasu</b>	0.562	447.1	<b>91</b>	0.559	446.9	<b>90</b>
<b>Total System Storage</b>	<b>32.101</b>		<b>54</b>	<b>32.607</b>		<b>55</b>
<b>System Storage Last Year</b>	<b>30.899</b>		<b>52</b>	<b>30.973</b>		<b>52</b>

		March 9, 2009	
WY 2009 Precipitation (Basin Weighted Avg) 10/01/08 through 4/03/09	<b>102 percent (20.0")</b>	<b>99 percent (16.3")</b>	
WY 2009 Snowpack Water Equivalent (Basin Weighted Avg) on day of 4/03/09 (Above two values based on average of data from 116 sites.)	<b>104 percent (18.4")</b>	<b>102 percent (15.2")</b>	
		Observed March 4, 2009	
April 3, 2009 Final Forecasted Unregulated Lake Powell Inflow	MAF	% of Normal	MAF □ of Avg.
2009 April through July unregulated inflow forecast	7.200	<b>91 %</b>	7.800 <b>98%</b>
2009 Water Year forecast	10.483	<b>87 %</b>	11.225 <b>93%</b>

USBR Forecasted Year-End 2009 and 2008 Consum. Use, April 5, 2009 a./		MAF			
		2009		2008	
		Diversion	- Return □	Net	
Nevada (Estimated Total)		0.517	0.213	0.304	0.269
Arizona (Total)		3.698	0.915	2.783	2.777
CAP Total				1.535	1.562
Az. Water Banking Authority				0.134	0.214
OTHERS				1.248	1.216
California (Total) b./ c./		5.110	0.674	4.436	4.502
MWD c./				0.859	0.906
3.85 Agriculture					
IID d./		<u>Total</u>	<u>Conserved</u>	<u>Forecasted</u>	<u>Estimated</u>
CVWD e./		3.061	-0.263	2.798	2.825
PVID		0.359	-0.030	0.329	0.299
YPRD		0.351	0	0.351	0.376
Island f./		0.044	0	0.044	0.045
Total Ag.		0.007	0	0.007	0.007
Others		3.822	-0.293	3.529	3.552
PVID-MWD following to storage				0	0
<b>Arizona, California, and Nevada Total g./</b>		<b>9.325</b>	<b>1.801</b>	<b>7.524</b>	<b>7.549</b>

- a./ Incorporates Feb USGS monthly data and 75 daily reporting stations which may be revised after provisional data reports are distributed by USGS. Use to date estimated for users reporting monthly and annually.
- b./ California 2009 basic use apportionment of 4.4 MAF has been adjusted for approved paybacks for 01-02 obligations (3,987 AF), payback of Inadvertent Overrun and Payback Policy overruns (1,852 AF), and Lower Colorado River Water Supply Project underpumping (78 AF).
- c./ MWD recovery of Interstate inderground storage from Arizona (30,000 AF). Plus Delivery of System Efficiency ICS (34,000 AF, pending).
- d./ 0.105 MAF conserved by IID-MWD Agreement as amended in 2007: 90,000 AF for SDCWA under the IID-SDCWA Transfer Agreement as amended, 60,000 AF of which is being diverted by MWD; 8,000 AF for CVWD under the IID-CVWD Acquisition Agreement, 59,670 AF from the All-American Canal Lining Project, and 503 AF of payback of 2006 and 2007 inadvertant overruns.
- e./ 26,000 acre-feet conserved by the Coachella Canal Lining Project and 3,987 AF of payback.
- f./ Includes estimated amount of 6,136 acre-feet of disputed uses by Yuma Island pumpers and 987 acre-feet by Yuma Project Ranch 5 being charged by USBR to Priority 2.
- g./ Includes unmeasured returns based on estimated consumptive use/diversion ratios by user from studies provided by Arizona Dept. of Water Resources, Colorado River Board of California, and Reclamation.

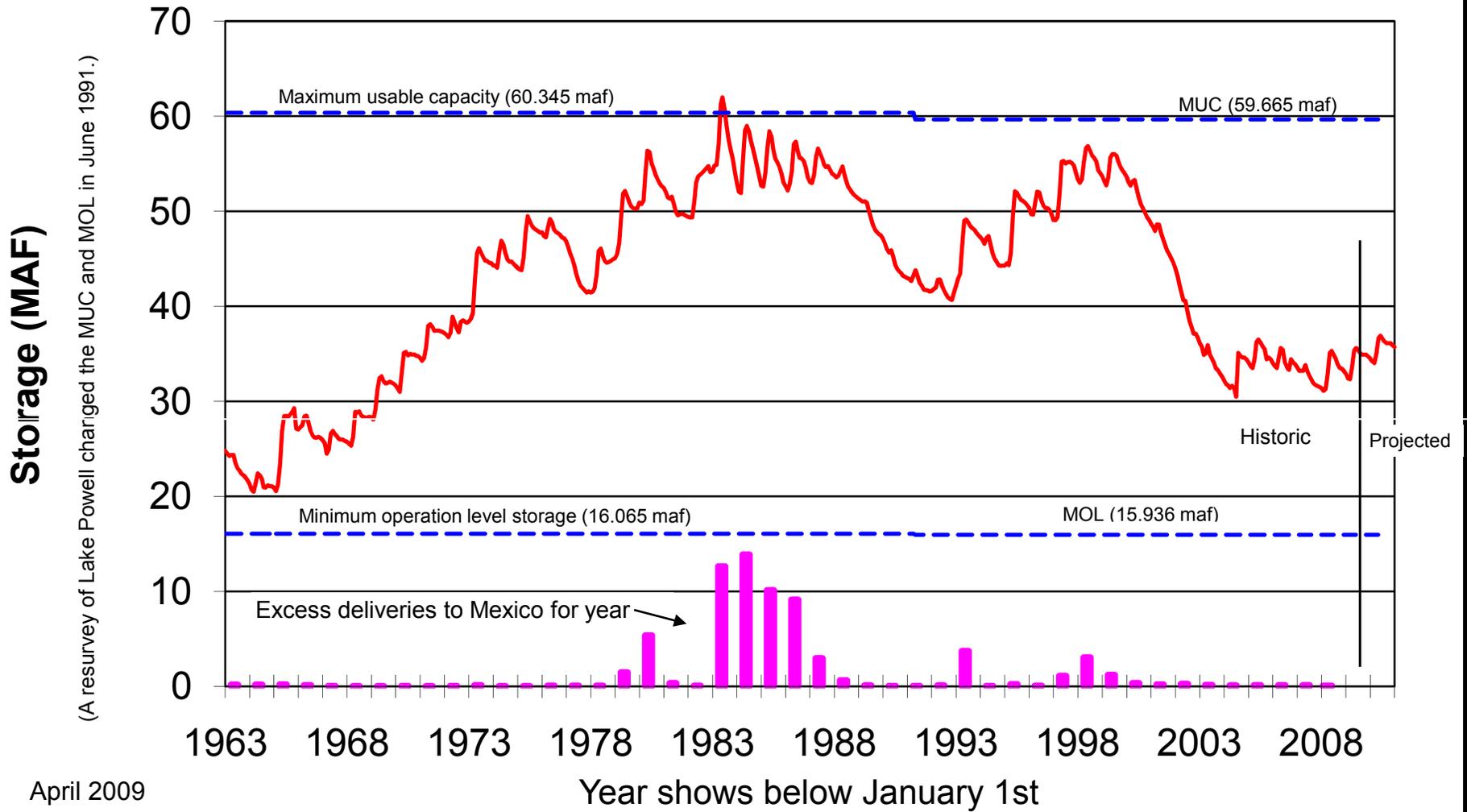
**FIGURE 1  
2009 FORECAST YEAR-END COLORADO RIVER WATER USE  
BY THE CALIFORNIA AGRICULTURAL AGENCIES**



Forecast of Colorado River Water Use by the California Agricultural Agencies (Millions of Acre-feet)			
Month	Use as of First of Month	Forecast of Year End Use	Forecast of Unused Water (1)
Jan	0.000	-----	-----
Feb	0.168	3.551	0.042
Mar	0.332	3.509	0.084
Apr			
May			
Jun			
Jul			
Aug			
Sep			
Oct			
Nov			
Dec			
Jan			

(1) The forecast of unused water is based on the availability of 3.600 MAF under the first three priorities of the water delivery contracts. This accounts for the 85,000 af of conserved water available to MWD under the 1988 IID-MWD Conservation agreement and the 1989 IID-MWD-CVWD-PVID Agreement as amended; 60,000 af of conserved water available to SDCWA under the IID-SDCWA Transfer agreement as amended; 26,000 af of conserved water available to SDCWA and MWD as a result of the Coachella Canal Lining Project; 59,670 af of water projected to be available to SDCWA and MWD as a result of the All-American Canal Lining Project; 14,500 af of water IID and MWD are forbearing to permit the Secretary of the Interior to satisfy a portion of Indian and miscellaneous present perfected rights use; and 4,490 af of water IID and CVWD are forbearing to payback Colorado River Water Delivery Agreement Exhibit C and 2007 overruns. As USBR is charging disputed uses by Yuma island pumpers to Priority 2, the amount of unused water has been reduced by those uses - 6,136 af. The CRB does not concur with USBR's viewpoint on this matter.

# Monthly Total Colorado River Basin Storage



April 2009

COLORADO RIVER BOARD OF CALIFORNIA

March 28, 2009

COLORADO RIVER WATER REPORT

The following report summarizes data obtained from provisional reports of the U.S. Geological Survey, U.S. Bureau of Reclamation, International Boundary and Water Commission, and Imperial Irrigation District.

I. Active Surface Storage in Reservoirs at end of Month (Thousand Acre-feet).

February 2009

<u>Upper Basin</u>	<u>Storage</u>	<u>Elevation in feet</u>	<u>% of Capacity</u>	<u>Change During Month</u>	<u>Change from 2008</u>
Lake Powell	12,938	3,612.0	53%	-217	2,058
Flaming Gorge	2,967	6,019.6	79%	0	-53
Fontanelle	124	6,471.2	36%	-27	13
Navajo	1,259	6,052.8	74%	-6	-122
Blue Mesa	552	7,486.2	67%	-19	98
Morrow Point	106	7,146.0	91%	-2	-1
Crystal	17	6,752.0	94%	3	1
Sub-total	17,963		58%	-266	1,993
<u>Lower Basin</u>					
Lake Mead	12,539	1,111.4	48%	-33	-523
Lake Mohave	1,679	642.3	93%	32	86
Lake Havasu	544	446.1	88%	-11	-7
Sub-total	14,762		52%	-12	-444
Upper and Lower Basin Total	32,725 <sup>L</sup>		55%	-277	1,549

1/ Figures shown do not include reservoir dead storage.

2/ Storage above minimum operation level is 32,725- 15,936 = 16,789 thousand acre-feet. Minimum operation level (15,936 thousand acre-feet) is defined as the sum of active content at minimum power pool plus minimum active content required to make surface diversions at Lake Havasu and Navajo Reservoir.

II. Upper Basin Discharge (Acre-feet).

<u>Station</u>	<b>Meas.</b> Flow February 2009	<u>Cumulative Flow</u> October thru February	<u>Meas. Flow Adjusted for CRSP Surface Storage Changes</u>	
			February 2009	% of Feb. 87- year average (1922-2008 water years)
Green River at Green River, Utah	138,200	707,100	138,200	96%
Colorado River near Cisco, Utah	169,500	1,469,400	152,400	92%
San Juan River near Bluff, Utah	47,000	260,600	41,700	65%
At Lee Ferry (Compact Point)	613,200	3,630,500	374,000	93%

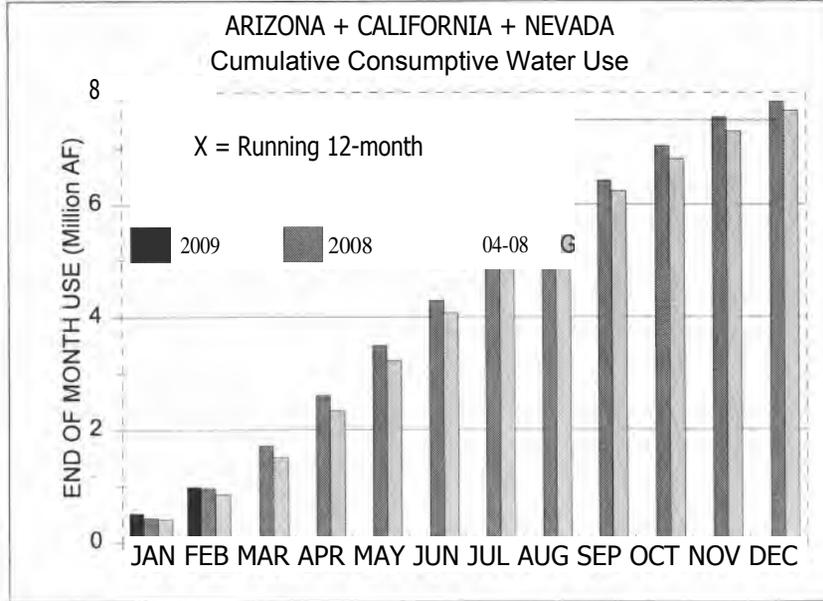
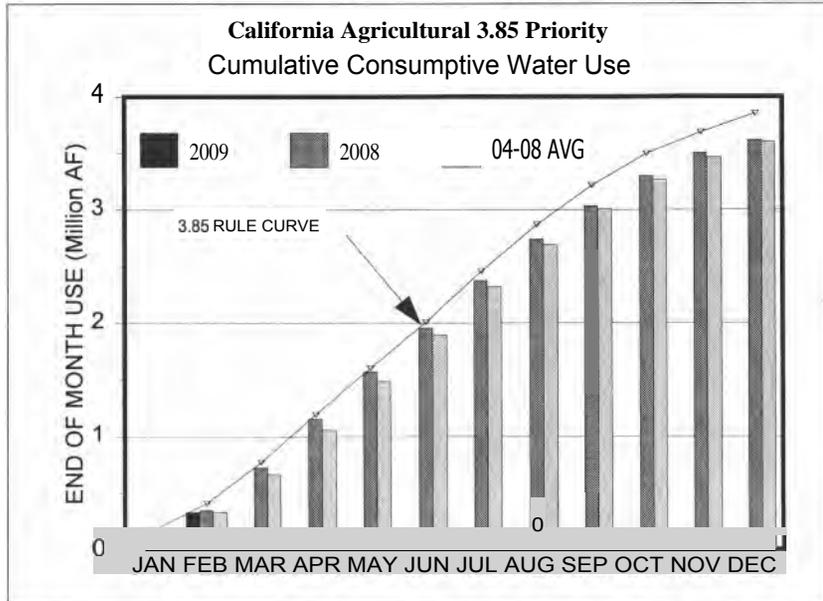
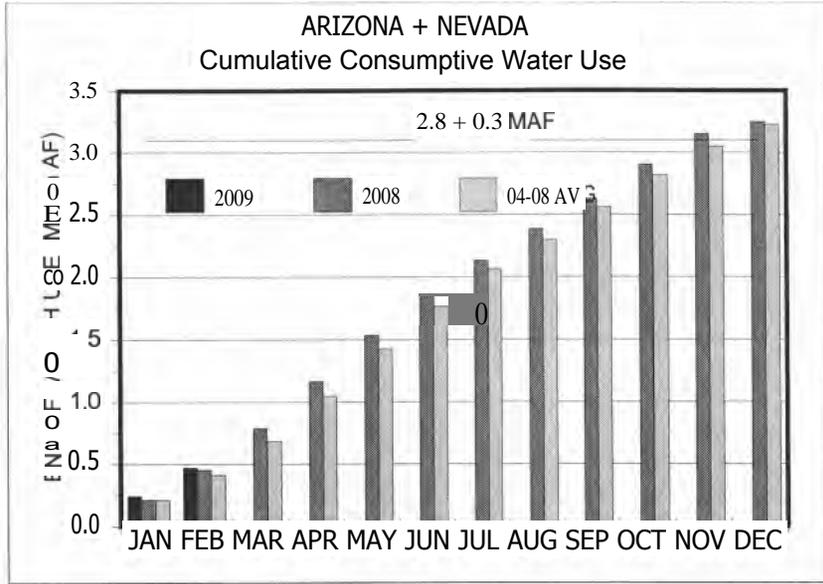
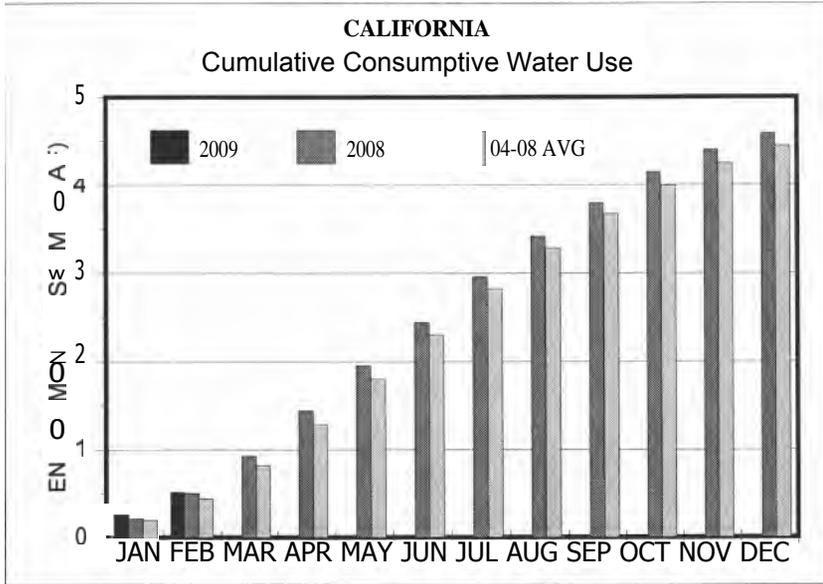
III. Lower Basin Discharge (Acre-feet).

<u>Station</u>	February 2009	<u>Cumulative Flow</u> October thru February
Below Hoover Dam	679,300	3,057,600
Below Davis Dam	665,800	3,122,800
Below Parker Dam	388,200	1,883,000
Above Imperial Dam	350,000	1,722,400

IV. Consumptive Use of Lower Colorado River Mainstream Water (Acre-feet).  
February, 2009

California Users	Diversion	Return	Consumptive Use	Change in Cons. Use From Feb 2008	Cumulative Cons. Use		
					January thru February	Change from pre. Jan. thru Feb.	12 Months thru February
Palo Verde Irrig. Dist.	39,130	28,610	10,520	-13,460	14,510	-13,730	412,300
Yuma Proj. (Res. Div.) Lil	3,840	2,290	1,550	-2,020	3,260	-1,720	45,190
Imperial Irrig. Dist. 2/	134,500		134,500	-41,950	275,340	-18,090	2,802,160
Salton Sea Mitigation	2,190		2,190	350	8,180	6,340	32,390
USBR SaltonSea Operations	0		0	0	0	0	0
IID plus Salton Sea Mitigation	136,690		136,690	-41,600	283,520	-11,750	2,834,550
Coachella Val. Wat. Dist. L	14,520		14,520	-210	30,260	4,090	302,620
Subtotal	194,180	30,900	163,280	-57,290	331,550	-23,110	3,594,660
Fort Mojave Ind. Res. 2/	860		860	0	1,720	0	24,760
Cal. Miscellaneous 2/	1,090		1,090	0	1,800	0	34,000
Metropolitan Water Dist.	82,460	390	82,070	14,920	181,540	33,300	941,530
Total	278,590	31,290	247,300	-42,370	516,610	10,190	4,594,950
<u>Arizona Users</u>							
Central Arizona Project	162,360		162,360	5,070	333,720	9,710	1,571,340
Colorado River Ind. Res.	30,800	14,160	16,640	-8,360	40,200	10,240	442,740
Gila Gravity Main Canal	35,630	17,160	18,470	-6,930	42,220	-1,840	523,200
Yuma Proj. (Valley Div.)	23,800	11,450	12,350	-1,780	22,150	-170	225,770
Fort Mojave Ind. Res. si	3,400		3,400	0	6,800	0	85,130
Havasu Nat. Wildlife Ref.	1,580	0	1,580	800	2,590	1,810	39,190
Arizona Miscellaneous(l	4,140		4,140	0	6,420	0	85,000
Total	261,710	42,770	218,940	-11,200	454,100	19,750	2,972,370
<u>Nevada Users</u>							
From Lake Mead12/	24,940	15,460	9,480	-830	17,600	-2,340	294,120
Mohave Steam Plant	30		30	-10	70	0	480
Total	24,970	15,460	9,510	-840	17,670	-2,340	294,600
Total Consumptive Use (Ariz., Cal., Nev.)	565,270	89,520	475,750	-54,410	988,380	27,600	7,861,920

- Based on measurements below Pilot Knob (assumed to be equal to USBR Article V data after credit is given for unmeasured California return flows between Imperial Dam and Pilot Knob). In addition, Salton Sea mitigation is not part of IID's use but is included in IID total diversion. IID diversions for April are not available
- Return flow estimates based on averages of past returns as calculated by USBR for Article V data.
- Assumed equal to August, 1983 use estimated by Fort Mojave Indian Tribe.
- An estimated residual made by the Colorado River Board of California combining such items as small diversions along the river, unmeasured groundwater return flow, etc., which, when combined with other quantities listed to arrive at the State's total, presents an estimate of the State's Consumptive use of Lower Colorado River water.



April 3, 2009 Final Forecast of Colorado River Flow into  
Lake Powell (1) (Million Acre-feet)

	<u>USBR and National Weather Service</u>		<u>Change From Last</u>	
	<u>April-July 2009 Water Year 2009</u>		<u>Month's Projected</u>	
			<u>April-July 2009 Wat Yr 2009</u>	
Maximum (2)	10.000	13.583	2.000	2.164
Mean	7.200 *	10.483 **	-0.800	-0.936
Minimum (2)	4.700	7.583	-3.300	-3.836

\* This month's A-J observed is 91% of the 30-year A-J average shown below.  
' This month's W-Y observed is 87% of the 30-year W-Y average shown below.

Comparison with past records  
of Colorado River  
inflow into Lake Powell  
(at Lee Ferry prior to 1962)

	<u>April-July Flow</u>	<u>Water Year Flow</u>
Long-Time Average (1922-2007)	7.887	11.699
30-yr. Average (1961-90)	7.735	11.724
10-yr. Average (1998-2007)	7.027	11.260
Max. of Record	15.404 (1984)	21.873 (1984)
Min. of Record	1.115 (2002)	3.058 (2002)
Year 2000	4.352	7.310
Year 2001	4.301	6.955
Year 2002	1.115	3.058
Year 2003	3.918	6.358
Year 2004	3.640	6.128
Year 2005	8.810	12.614
Year 2006	5.318	8.769
Year 2007	4.052	8.231
Year 2008	8.906	12.356
Total Years 2000 - 2004	17.326	29.809
5-Year Average (2000-2004)	3.465	5.962

(1) Under conditions of no other Upper Basin reservoirs.

(2) USBR and NWS forecasts indicate the probability of 95 percent of the time the actual flow will not exceed the maximum value, and will not be less than the minimum value.

VI. Scheduled Flows to Mexico - Arrivals and excess arrivals of Water for Calendar Year 2009  
(Acre-feet)

	(1)	(2)	(3) Excess Arrivals in accord with Minute 242	(4) Other Excess Arrivals	(5) Total Excess Arrivals	(6) Cumulative Excess Arrivals	(7) Flow Through NIB and Limitrophe	(8) Flow By-Pass Southerly International Boundary
Jan.	119,427	131,137	10,033	1,677	11,710	11,710	108,313	10,024
Feb.	152,979	171,990	9,433	9,578	19,011	30,721	151,373	9,433
March	208,455							
April	199,629							
May	112,754							
June	112,353							
July	119,428							
August	93,370							
Sept.	89,307							
Oct.	73,828							
Nov.	102,966							
Dec.	115,505							
	<u>1,500,001</u>	<u>303,127</u>	<u>19,466</u>	<u>11,255</u>			<u>259,686</u>	<u>19,457</u>

- Column
- (1). Flow schedule requested by Mexico. In surplus years as determined by the United States, Mexico can schedule up to 1.7 rather than 1.5 million acre-feet.
  - (2). Total Colorado River waters reaching Mexico. It is the sum of: 1) Colorado River water measured at the Northerly International Boundary, 2) drainage waters measured at the Southerly International Boundary near San Luis, Arizona, and 3) Wellton-Mohawk drainage waters measured at the Southerly International Boundary. It is the sum of Columns (1) + (5).
  - (3)- Arizona's Wellton-Mohawk Irrigation and Drainage District drainage water. This water is discharged to the Santa Clara Slough in Mexico via a concrete-lined canal.
  - (4). Excess arrivals other than Wellton-Mohawk drainage. It is the sum of: 1) a delivery of about 5,000 a. f. per year to ensure that Mexico receives what is scheduled, 2) releases from Parker Dam which are not used due to unexpected rainfall in the Palo Verde, Coachella, Imperial, and and Yuma areas, 3) controlled flood releases on the Gila and Colorado River, and 4) local runoff.
  - (5) Sum of Columns (3) and (4).
  - (6) Cumulation of Column (5).
  - (7) Including Colorado River flow at the Northerly International Boundary plus flow from Cooper, 11-mile, and 21-mile spillways.
  - (8) Including flow at the Southerly International Boundary, from the East and West Main canals, Yuma Valley Main, 242 Lateral plus diversions from Lake Havasu for Tijuana.

WEIGHTED MONTHLY SALINITY AT  
 SELECTED COLORADO RIVER STATIONS 1'  
 AND RUNNING 12-MONTH NIB-IMPERIAL FLOW-WEIGHTED SALINITY DIFFERENTIAL  
 (in parts per million)

Month	Below Hoover Dam			Below Parker Dam <sup>4/</sup>			Palo Verde <sup>41</sup> Canal Near Blythe			At Imperial Dam			At Northerly Inter- national Boundary			Running 12-Month Flow-Wtd. Differential <sup>3/</sup>	
	5-Year avg. 1974-78	2008	2009	5-Year avg. 1974-78	2008	2009	5-Year avg. 1974-78	2008	2009	5-Year avg. <u>2/</u> 1974-78	2008	2009	5-Year avg. <u>2/</u> 1974-78	2008	2009	2008	2009
Jan.	690	685	665	709	685		751	713		913	717	768	1,041	821	933	130.7	146.4
Feb.	675	692	655	706	678		732	682		835	675		998	822		135.9	
March	684	674	650 <sup>5/</sup>	699	668		727	686		805	717		925	803		139.4	
April	680	659		700	675		714	697		801	699		892	805		144.9	
May	677	676		698	681		709	696		822	725		962	914		141.4	
June	678	648		695	671		712	686		812	718		956	896		137.1	
July	682	655		688	683		709	701		797	720		909	865		137.3	
August	690	641		686	677		706	692		800	734		907	894		135.7	
Sept.	672	646		686	676		737	693		815	747		952	944		139.3	
Oct.	680	638		689	657		739	689		854	758		1,070	1,010		139.6	
Nov.	682	642		692	674		746	705		897	765		1,010	931		140.2	
Dec.	681	651		702	671		731	723		877	834		999	912		140.5	

General Notes:

if Salinity based on "sum of constituents".

2/ 5-Year averages are arithmetical.

3/ 12-month flow-weighted differential between NIB and Imperial Dam through month shown in left column.

4/ Operational values only.

5/ Preliminary

COLORADO RIVER BOARD OF CALIFORNIA

February 28, 2009

COLORADO RIVER WATER REPORT

The following report summarizes data obtained from provisional reports of the U.S. Geological Survey, U.S. Bureau of Reclamation, International Boundary and Water Commission, and Imperial Irrigation District.

I. Active Surface Storage<sup>L</sup> in Reservoirs at end of Month (Thousand Acre-feet)

<u>January 2009</u>					
<u>Upper Basin</u>	<u>Storage</u>	<u>Elevation in feet</u>	<u>% of Capacity</u>	<u>Change During Month</u>	<u>Change from 2008</u>
Lake Powell	13,155	3,614.2	54%	-386	2,274
Flaming Gorge	2,967	6,019.6	79%	-13	-53
Fontenelle	151	6,476.9	44%	-29	4
Navajo	1,265	6,053.3	75%	-13	-191
Blue Mesa	571	7,488.6	69%	-12	51
Morrow Point	108	7,148.1	92%	-3	-6
Crystal	14	6,741.0	76%	-0	-2
Sub-total	18,229		59%	-457	2,075
<u>Lower Basin</u>					
Lake Mead	12,572	1,111.8	48%	76	-445
Lake Mohave	1,647	641.1	91%	62	-16
Lake Havasu	555	446.7	90%	-3	0
Sub-total	14,774		52%	136	-461
Upper and Lower Basin Total	33,002 <sup>L</sup>		55%	-323	1,614

1/ Figures shown do not include reservoir dead storage.

2/ Storage above minimum operation level is 33,002 - 15,936 = 17,066 thousand acre-feet.  
Minimum operation level (15,936 thousand acre-feet) is defined as the sum of active content at minimum power pool plus minimum active content required to make surface diversions at Lake Havasu and Navajo Reservoir.

II. Upper Basin Discharge (Acre-feet).

<u>Station</u>	Meas. Flow January 2009	<u>Cumulative Flow</u> October thru January	Meas. Flow Adjusted for CRSP <u>Surface Storage Changes</u>	
			January 2009	% of Jan. 87- year average (1922-2008 water years)
Green River at Green River, Utah	181,300	568,900	167,900	141%
Colorado River near Cisco, Utah	623,800	1,299,900	607,700	353%
San Juan River near Bluff, Utah	53,700	213,600	40,500	88%
At Lee Ferry (Compact Point)	823,100	3,017,300	394,100	112%

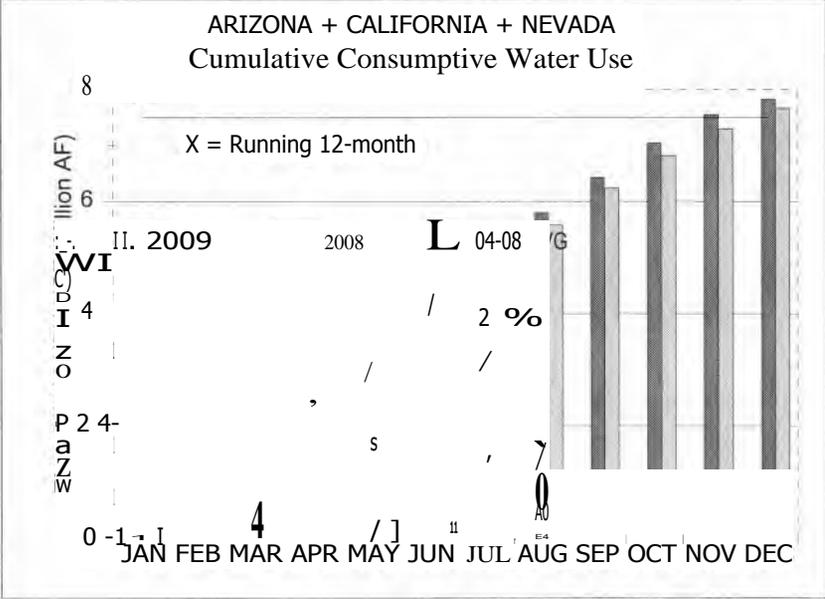
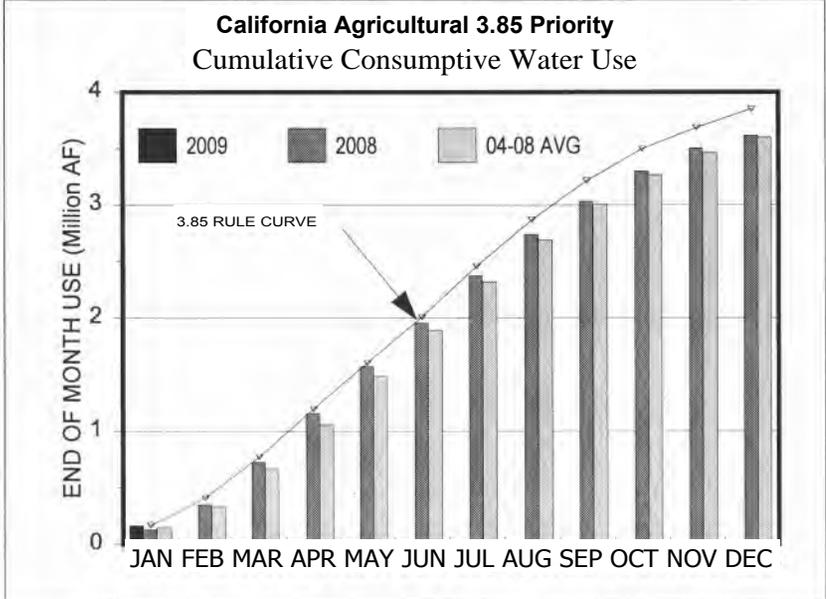
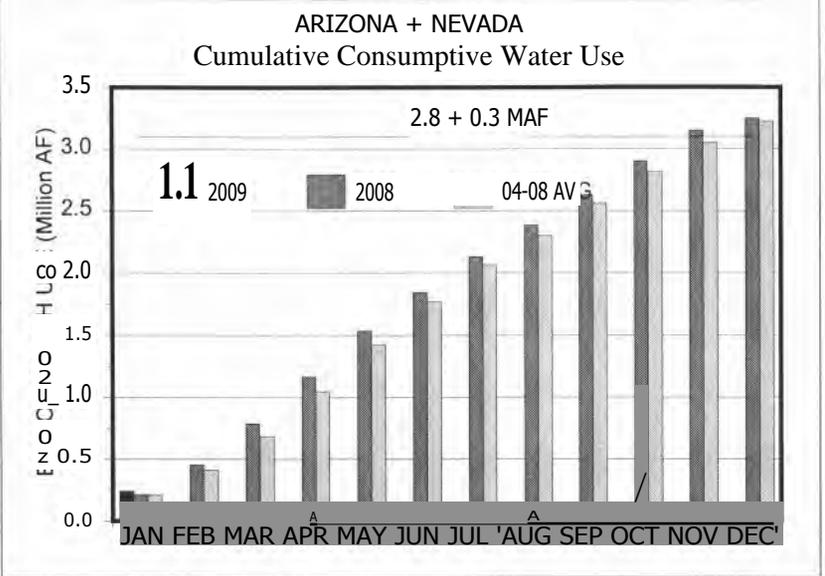
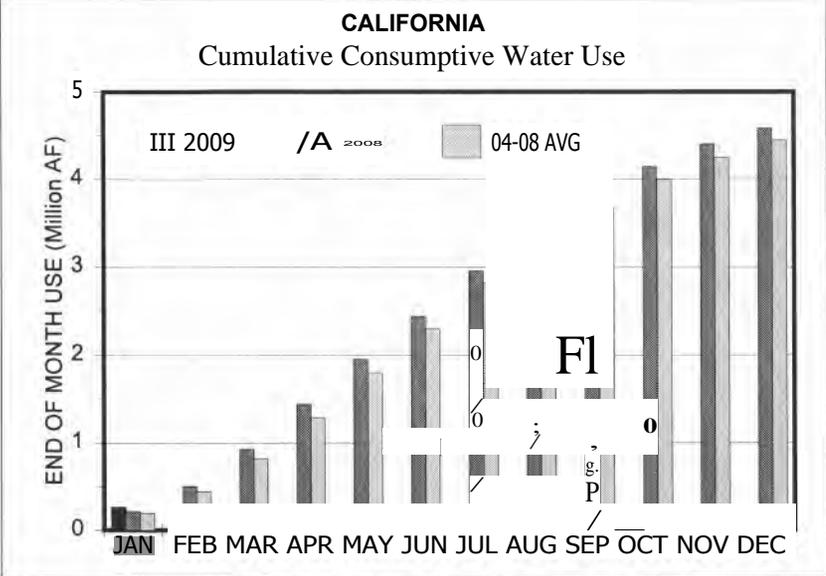
III. Lower Basin Discharge (Acre-feet).

<u>Station</u>	January 2009	<u>Cumulative Flow</u> October thru January
Below Hoover Dam	741,100	2,378,300
Below Davis Dam	704,500	2,457,000
Below Parker Dam	377,700	1,494,800
Above Imperial Dam	329,700	1,372,400

IV. Consumptive Use of Lower Colorado River Mainstream Water (Acre-feet).  
January, 2009

California Users	Diversion	Return	Consumptive Use	Change in Cons. Use From Jan. 2008	Cumulative Cons. Use		
					January thru January	Change from prey. Jan. thru Jan.	12 Months thru January
Palo Verde Irrig. Dist.	33,230	29,240	3,990	-270	3,990	-270	425,760
Yuma Proj. (Res. Div.) <sup>12/</sup>	4,400	2,690	1,710	300	1,710	300	47,210
Imperial Irrig. Dist.	140,840		140,840	23,860	140,840	23,860	2,844,110
Salton Sea Mitigation	5,990		5,990	5,990	5,990	5,990	32,040
USBR SaltonSea Operations	0		0	0	0	0	0
IID plus Salton Sea Mitigation	146,830		146,830	29,850	146,830	29,850	2,876,150
Coachella Val. Wat. Dist. L	15,740		15,740	4,300	15,740	4,300	302,830
Subtotal	200,200	31,930	168,270	34,180	168,270	34,180	3,651,950
Fort Mojave Ind. Res. 2./	860		860	0	860	0	24,760
Cal. Miscellaneous c-1/	710		710	0	710	0	34,000
Metropolitan Water Dist.	99,900	430	99,470	18,380	99,470	18,380	926,610
Total	301,670	32,360	269,310	52,560	269,310	52,560	4,637,320
<u>Arizona Users</u>							
Central Arizona Project	171,360		171,360	4,640	171,360	4,640	1,566,270
Colorado River Ind. Res.	37,300	13,740	23,560	18,600	23,560	18,600	451,100
Gila Gravity Main Canal	41,070	17,320	23,750	5,090	23,750	5,090	530,130
Yuma Proj. (Valley Div.)	22,860	13,060	9,800	1,610	9,800	1,610	227,550
Fort Mojave Ind. Res. c/	3,400		3,400	0	3,400	0	85,130
Havasu Nat. Wildlife Ref.	1,010	0	1,010	1,010	1,010	1,010	38,390
Arizona Miscellaneous	2,280		2,280	0	2,280	0	85,000
Total	279,280	44,120	235,160	30,950	235,160	30,950	2,983,570
<u>Nevada Users</u>							
From Lake Mead	28,000	19,880	8,120	-1,510	8,120	-1,510	294,950
Mohave Steam Plant	40		40	10	40	10	490
Total	28,040	19,880	8,160	-1,500	8,160	-1,500	295,440
Total Consumptive Use (Ariz., Cal., Nev.)	608,990	96,360	512,630	82,010	512,630	82,010	7,916,330

- Based on measurements below Pilot Knob (assumed to be equal to USBR Article V data after credit is given for unmeasured California return flows between Imperial Dam and Pilot Knob). In addition, Salton Sea mitigation is not part of IID's use but is included in IID total diversion. IID diversions for April are not available
- Return flow estimates based on averages of past returns as calculated by USBR for Article V data.
- Assumed equal to August, 1983 use estimated by Fort Mojave Indian Tribe.
- An estimated residual made by the Colorado River Board of California combining such items as small diversions along the river, unmeasured groundwater return flow, etc., which, when combined with other quantities listed to arrive at the State's total, presents an estimate of the State's Consumptive use of Lower Colorado River water.



February 17, 2009 Final Forecast of Colorado River Flow into  
Lake Powell (1) (Million Acre-feet)

	<u>USBR and National Weather Service</u>		<u>Change From Last Month's Projected</u>	
	<u>April-July 2009</u>	<u>Water Year 2009</u>	<u>April-July 2009</u>	<u>Wat Yr 2009</u>
Maximum (2)	11.300	15.119	3.300	3.584
Mean	8.000 *	11.419 **	0.000	-0.116
Minimum (2)	5.200	8.219	-2.800	-3.316

\* This month's A-J observed is 101% of the 30-year A-J average shown below.  
 \*\* This month's W-Y observed is 95% of the 30-year W-Y average shown below.

Comparison with past records  
of Colorado River  
inflow into Lake Powell  
(at Lee Ferry prior to 1962)

	<u>April-July Flow</u>	<u>Water Year Flow</u>
Long-Time Average (1922-2007)	7.887	11.699
30-yr. Average (1961-90)	7.735	11.724
10-yr. Average (1998-2007)	7.027	11.260
Max. of Record	15.404 (1984)	21.873 (1984)
Min. of Record	1.115 (2002)	3.058 (2002)
Year 2000	4.352	7.310
Year 2001	4.301	6.955
Year 2002	1.115	3.058
Year 2003	3.918	6.358
Year 2004	3.640	6.128
Year 2005	8.810	12.614
Year 2006	5.318	8.769
Year 2007	4.052	8.231
Year 2008	8.906	12.356
Total Years 2000 - 2004	17.326	29.809
5-Year Average (2000-2004)	3.465	5.962

(1) Under conditions of no other Upper Basin reservoirs.

(2) USBR and NWS forecasts indicate the probability of 95 percent of the time the actual flow will not exceed the maximum value, and will not be less than the minimum value.

VI. Scheduled Flows to Mexico — Arrivals and excess arrivals of Water for Calendar Year 2009  
(Acre-feet)

	(1)	(2)	(3) Excess Arrivals in accord with Minute 242	(4) Other Excess Arrivals	(5) Total Excess Arrivals	(6) Cumulative Excess Arrivals	(7) Flow Through NIB and Limitrophe	(8) Flow By-Pass Southerly International Boundary
Jan.	119,427	131,137	10,033	1,677	11,710	11,710	108,313	10,024
Feb.	152,979							
March	208,455							
April	199,629							
May	112,754							
June	112,353							
July	119,428							
August	93,370							
Sept.	89,307							
Oct.	73,828							
Nov.	102,966							
Dec.	115,505							
	1,500,001	131,137	10,033	1,677			108,313	10,024

- Column
- (1). Flow schedule requested by Mexico. In surplus years as determined by the United States, Mexico can schedule up to 1.7 rather than 1.5 million acre-feet.
  - (2). Total Colorado River waters reaching Mexico. It is the sum of: 1) Colorado River water measured at the Northerly International Boundary, 2) drainage waters measured at the Southerly International Boundary near San Luis, Arizona, and 3) Wellton-Mohawk drainage waters measured at the Southerly International Boundary. It is the sum of Columns (1) + (5).
  - (3). Arizona's Wellton-Mohawk Irrigation and Drainage District drainage water. This water is discharged to the Santa Clara Slough in Mexico via a concrete-lined canal.
  - (4). Excess arrivals other than Wellton-Mohawk drainage. It is the sum of: 1) a delivery of about 5,000 a. f. per year to ensure that Mexico receives what is scheduled, 2) releases from Parker Dam which are not used due to unexpected rainfall in the Palo Verde, Coachella, Imperial, and and Yuma areas, 3) controlled flood releases on the Gila and Colorado River, and 4) local runoff.
  - (5) Sum of Columns (3) and (4).
  - (6) Cumulation of Column (5).
  - (7) Including Colorado River flow at the Northerly International Boundary plus flow from Cooper, 11-mile, and 21-mile spillways.
  - (8). Including flow at the Southerly International Boundary, from the East and West Main canals, Yuma Valley Main, 242 Lateral plus diversions from Lake Havasu for Tijuana.

WEIGHTED MONTHLY SALINITY AT  
 SELECTED COLORADO RIVER STATIONS  
 AND RUNNING 12-MONTH NIB-IMPERIAL FLOW-WEIGHTED SALINITY DIFFERENTIAL  
 (in parts per million)

Month	Below Hoover Dam			Below Parker Dam <sup>3/</sup>			Palo Verde Canal Near Blythel			At Imperial Dam			At Northerly International Boundary			Running 12-Month Flow-Wtd. Differential 2/	
	5-Year avg. 1/	2008	2009	5-Year avg. 1/	2008	2009	5-Year avg. 1/	2008	2009	5-Year avg. 1/	2008	2009	5-Year avg. 1/	2008	2009	2008	2009
Jan.	690	685	665	709	685		751	713		913	717	768	1,041	821	933	130.7	146.4
Feb.	675	692		706	678		732	682		835	675		998	822		135.9	
March	684	674		699	668		727	686		805	717		925	803		139.4	
April	680	659		700	675		714	697		801	699		892	805		144.9	
May	677	676		698	681		709	696		822	725		962	914		141.4	
June	678	648		695	671		712	686		812	718		956	896		137.1	
July	682	655		688	683		709	701		797	720		909	865		137.3	
August	690	641		686	677		706	692		800	734		907	894		135.7	
Sept.	672	646		686	676		737	693		815	747		952	944		139.3	
Oct.	680	638		689	657		739	689		854	758		1,070	1,010		139.6	
Nov.	682	642		692	674		746	705		897	765		1,010	931		140.2	
Dec.	681	651		702	671		731	723		877	834		999	912		140.5	

General Notes:

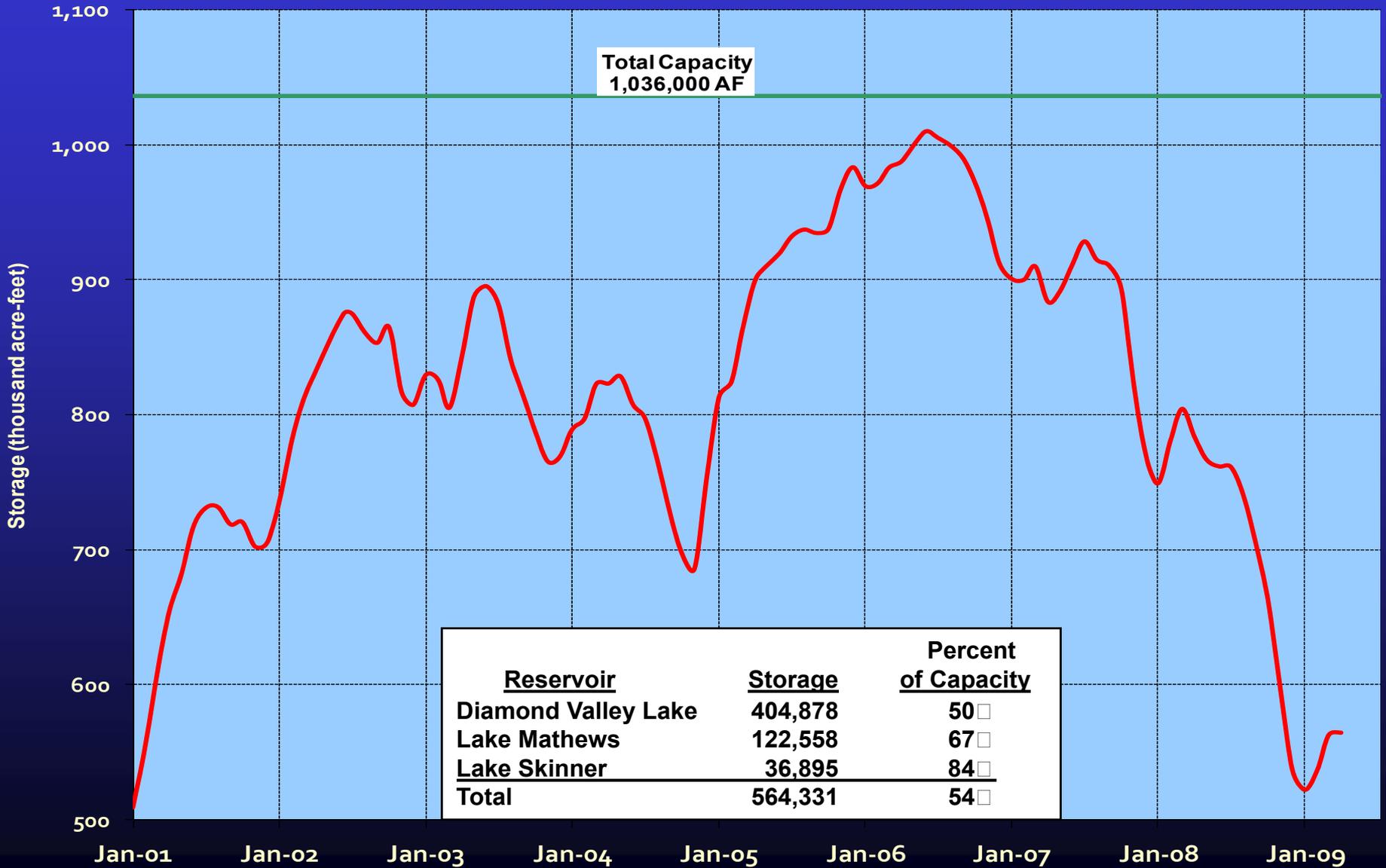
1/ 5-Year averages are arithmetical.

2/ 12-month flow-weighted differential between NIB and Imperial Dam through month shown in left column.

3/ Operational values only.

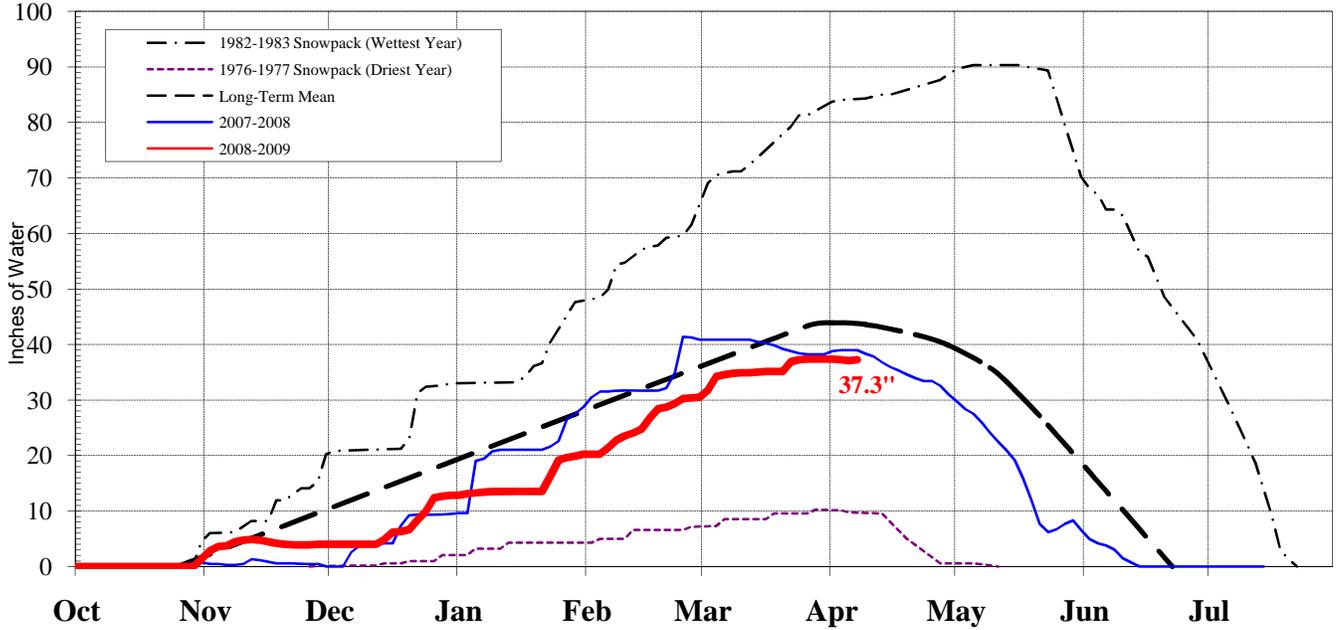
5.b. - State and Local Water Reports

# MWD's Combined Reservoir Storage (Lake Skinner, Lake Mathews □ Diamond Valley Lake) as of April 1, 2009

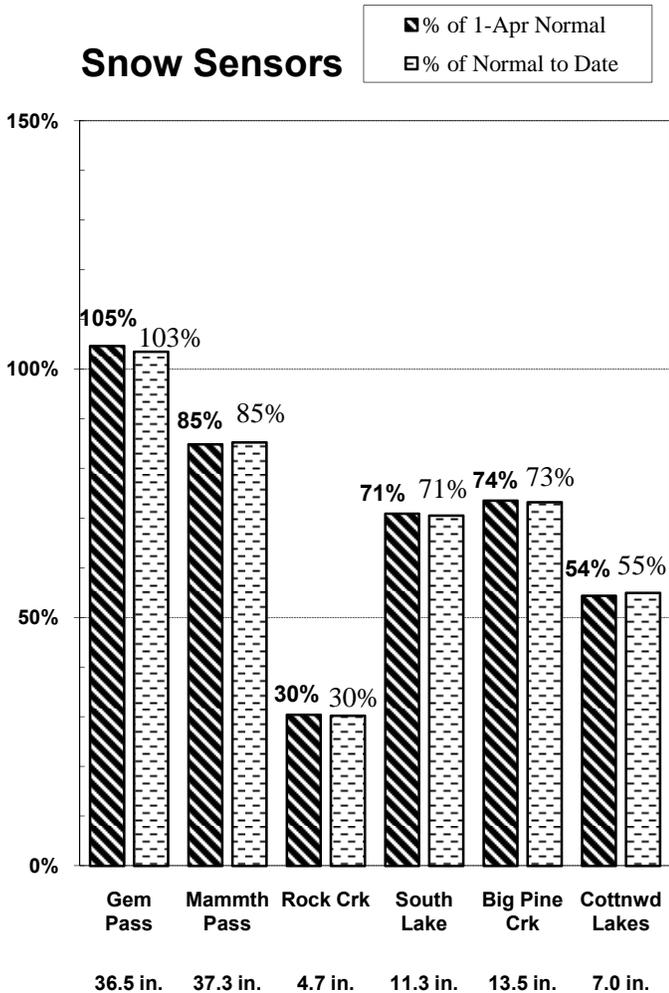


# EASTERN SIERRA CURRENT PRECIPITATION CONDITIONS As of April 8, 2009

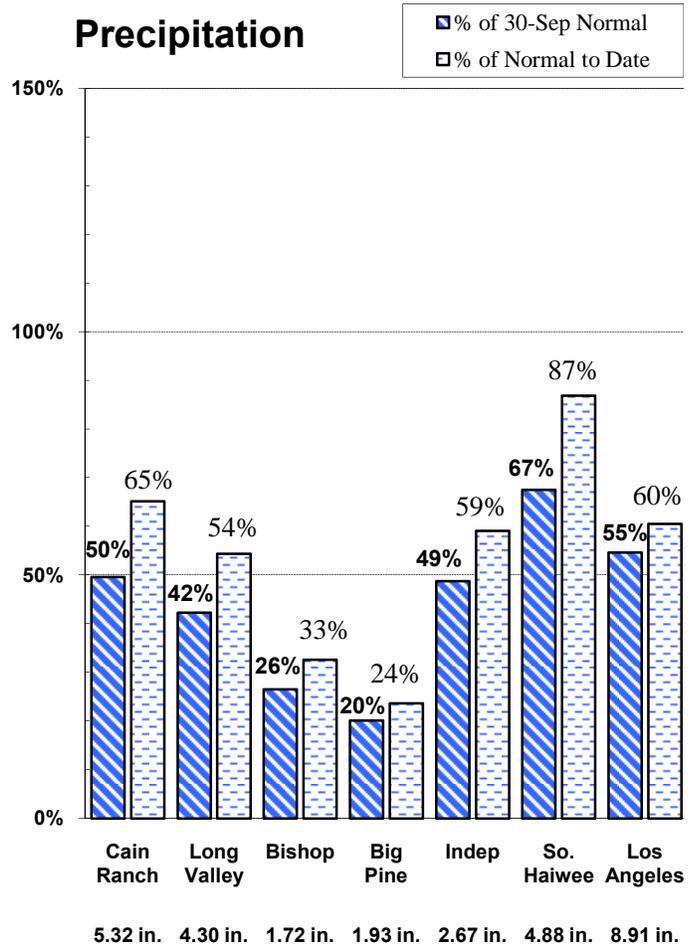
## Mammoth Pass Snowpack



## Snow Sensors



## Precipitation



Station Location and Actual Measurement as Inches Water Content

*Precipitation totals are cumulative for water year beginning Oct 1*

## EASTERN SIERRA SNOW SURVEY RESULTS

April 1, 2009

### MAMMOTH LAKES AREA

(Contributes 27% of Owens River runoff)

Course	Water Content	April 1 Normal	Percent of Normal
Mammoth Pass	37.4	43.6	86%
Mammoth Lakes	18.0	21.1	85%
Minarets 2	26.7	30.2	89%

**Mammoth Lakes Area Average:      27.4                      31.6                      87%**

### ROCK CREEK AREA

(Contributes 16% of Owens River runoff)

Course	Water Content	April 1 Normal	Percent of Normal
Rock Creek 1	2.3	7.3	31%
Rock Creek 2	3.6	10.6	34%
Rock Creek 3	6.8	15.0	45%

**Rock Creek Area Average:      4.2                      11.0                      39%**

### BIG PINE AREA

(Contributes 32% of Owens River runoff)

Course	Water Content	April 1 Normal	Percent of Normal
Big Pine Creek 1	15.3	22.1	69%
Big Pine Creek 2	7.6	14.2	53%
Big Pine Creek 3	13.8	18.5	74%

**Big Pine Creek Area Average:      12.2                      18.3                      67%**

### COTTONWOOD AREA

(Contributes 25% of Owens River runoff)

Course	Water Content	April 1 Normal	Percent of Normal
Cottonwood Lakes 1	8.1	13.0	62%
Cottonwood Lakes 2	8.2	14.5	56%
Trailhead*	9.0	13.6	66%

**Cottonwood Area Average:      8.4                      13.7                      61%**

### EASTERN SIERRA OVERALL SNOW PACK

(Weighted by contribution to Owens River runoff)

Average of all Snow Courses	Water Content	April 1 Normal	Percent of Normal
	14.1	19.6	72%

5.c. - Colorado River Operations



OFFICE OF THE SECRETARY  
**US, Department  
of the Interior**

www.doi.gov  
**News Release**

Date: March 18, 2009  
Contact: Joan Moody (202) 208-6416

## **Secretary Salazar Commends President Obama's Intention to Nominate Michael L. Connor to Lead the Bureau of Reclamation**

**WASHINGTON, D.C.**—Secretary of the Interior Ken Salazar today commended President Obama's announcement that he intends to nominate Michael L. Connor as Commissioner of the U.S. Bureau of Reclamation. Connor has more than 15 years of experience in the public sector, including having served as Counsel to the U.S. Senate and Natural Resources Committee since May 2001.

"With growing water challenges facing communities across the country, Mike Connor's deep background in water, Indian rights and energy issues will help us find common sense solutions," said Secretary Salazar. "Mike has a proven track record of building consensus with a wide range of stakeholders and is the right pick for Commissioner. I look forward to working with him to ensure that we are wisely managing our nation's precious water resources."

At the Senate Energy and Natural Resources committee, Connor has managed legislation for both the Bureau of Reclamation and the U.S. Geological Survey, developed water resources legislation and handled Native American issues that are within the Energy Committee's jurisdiction.

From 1993 to 2001, Connor served in the Department of the Interior, including as deputy director and then director of the Secretary's Indian Water Rights Office from 1998 to 2001. In this capacity, Connor represented the Secretary of the Interior in negotiations with Indian tribes, state representatives, and private water users to secure water rights settlements consistent with the federal trust responsibility to tribes.

Before joining the Secretary's Office, he was employed with the Interior Solicitor's Office in Washington, DC and in Albuquerque, New Mexico. He began his Interior career in the Solicitor's Honors Program in 1993.

Connor received his J.D. from the University of Colorado School of Law, and is admitted to the bars of Colorado and New Mexico. He previously received a B.S. in Chemical Engineering from New Mexico State University and worked for General Electric.

The agency he will lead if confirmed by the Senate—the U.S. Bureau of Reclamation—is a contemporary water management agency and the largest wholesale provider of water in the country. It brings water to more than 31 million people, and provides one out of five Western farmers with irrigation water for farmland that produces much of the nation's produce. Reclamation is also the second largest producer of hydroelectric power in the western United States with 58 power plants.

--www.doi.gov--

THE WHITE HOUSE

Office of the Press Secretary

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FOR IMMEDIATE RELEASE

April 3, 2009

President Obama Announces More Key Administration Posts

WASHINGTON, DC - Today, President Barack Obama announced his intent to nominate the following individuals to key administration posts: Peter S. Silva, Assistant Administrator for Water Programs, Environmental Protection Agency; and Martha Johnson, Administrator, General Services Administration.

President Obama said, "The dedication and intelligence that these fine public servants will bring to their respective roles gives me confidence that they will be effective and important additions to our team as we work to tackle the many challenges our nation faces."

President Obama announced his **intent to nominate** the following **individuals today**.

Peter S. Silva, Nominee for Assistant Administrator for Water Programs, Environmental Protection Agency

Peter S. Silva is a Civil Engineer with nearly 32 years of experience in the water and wastewater fields. He has served in varying capacities in the public sector specializing in water resources policy with extensive experience in U.S.-Mexico border issues. Mr. Silva currently is a Senior Policy Advisor for the Metropolitan Water District of Southern California. Prior to this he was the Vice-Chair of the California Water Resources Control Board for six years, having been appointed by both Governors Davis and Schwarzenegger. Mr. Silva was appointed by President Clinton to serve for three years on the Board of the Border Environment Cooperation Commission (BECC). He also served as the BECC Deputy General Manager for three years in Ciudad Juarez, Mexico. His other experience includes ten years at the City of San Diego, four years in charge of the IBWC San Diego office and five years with the California RWQB in San Diego. Mr. Silva lives in the community of Jamul, California with his wife, Ana and son, Diego. He is a registered Civil Engineer in the state of California

**COLORADO RIVER BOARD OF CALIFORNIA**

770 FAIRMONT AVENUE, SUITE 100  
GLENDALE, CA 91203-1068  
(818) 500-1625  
(818) 543-4685 FAX



April 3, 2009

Ms. Rena Brand  
Project Manager  
U.S. Army Corps of Engineers  
Denver Regulatory Office  
9307 S. Wadsworth Blvd.  
Littleton, Colorado 80128-6901

Subject: Environmental Impact Statement for the Proposed Regional Watershed Supply Project in Wyoming and Colorado (Flaming Gorge Pipeline Project)

Dear Ms. Brand:

The U.S. Army Corps of Engineers (COE) recently published a notice in *Federal Register* (74 CFR 53, March 20, 2009) indicating that the COE intends to prepare an Environmental Impact Statement (EIS) to analyze the effects of the proposed Regional Watershed Supply Project (RWSP) in Wyoming and Colorado. Construction of the proposed RWSP is expected to require a Clean Water Act Section 404 permit.

The Colorado River Board of California (CRB) is the state agency charged with protecting California's interests and rights in the water and power resources of the Colorado River System. In this capacity, the CRB is interested in the development of the draft and final EIS for the RWSP. The CRB requests that it be placed on the list of interested parties to receive all related communications and/or documents associated with the proposed RWSP, including the "scoping announcement" that will be distributed at the public meetings scheduled in mid-April. As appropriate, the CRB will participate in this process and provide comments. If you have any questions, please call me at (818) 500-1625, extension 308.

Sincerely,

A handwritten signature in black ink, appearing to read "Gerald R. Zimme an".

Gerald R. Zimme an  
Executive Director

cc: Basin States Representatives (see attached list)

Ms. Rena Brand, Project Manager

April 3, 2009

Page 2

Copies Sent to the Following Basin States Representatives

Mr. Patrick T. Tyrrell, State Engineer, Wyoming State Engineer's Office

Ms. Jennifer L. Gimbel, Director, Colorado Water Conservation Board

Mr. Dennis J. Strong, Director, Utah Division of Water Resources

Mr. Herbert R. Guenther, Director, Arizona Department of Water Resources

Ms. Patricia Mulroy, General Manager, Southern Nevada Water Authority

Mr. John R. D'Antonio, Jr., State Engineer, New Mexico State Engineer's Office

Mr. George M. Caan, Executive Director, Colorado River Commission of Nevada

Mr. David Modeer, General Manager, Central Arizona Water Conservation District

Mr. Don A. Ostler, Executive Director, Upper Colorado River Commission

**CONTESTING RECORD PROCEDURES:**

The general provisions for access, contesting contents, and appealing initial determinations by the individual concerned appear in 37 CFR part 102 subpart B. Requests from individuals should be addressed as stated in the notification section above.

**RECORD SOURCE CATEGORIES:**

Subject individuals and those authorized by the individual to furnish information.

**EXEMPTIONS CLAIMED FOR THE SYSTEM:**

None.

Susan K. Fawcett,

*Records Officer, USPTO, Office of the Chief Information Officer, Administrative Management Group.*

[FR Doc. E9-6128 Filed 3-19-09; 8:45 am]

BILLING CODE 3510-16-P

**DEPARTMENT OF DEFENSE****Department of the Army; Corps of Engineers****Intent To Prepare an Environmental Impact Statement for the Proposed Regional Watershed Supply Project in Wyoming and Colorado**

**AGENCY:** Department of the Army, U.S. Army Corps of Engineers, DoD.

**ACTION:** Notice of intent.

**SUMMARY:** The U.S. Army Corps of Engineers (COE) is preparing an Environmental Impact Statement (EIS) to analyze the direct, indirect, and cumulative effects of a proposed water supply project in Wyoming and Colorado, referred to as the Regional Watershed Supply Project (RWSP). Construction of the proposed RWSP is expected to require a Clean Water Act Section 404 permit. The Project is proposed by Million Conservation Resource Group (MCRG), which is a private water development group. The RWSP proposes to provide approximately 250,000 acre-feet per year of new annual firm yield to meet a portion of the projected water supply needs of southeastern Wyoming and the Front Range of Colorado on a perpetual basis through 2030 and beyond. The water would be obtained from the Green River Basin as part of the unused portion of water allocated to the States of Wyoming and Colorado under the Upper Colorado River Compact. The RWSP would be a non-Federal project constructed, owned, and operated by MCRG.

**DATES:** See **SUPPLEMENTARY INFORMATION** section for meeting dates.

**ADDRESSES:** See **SUPPLEMENTARY INFORMATION** section for meeting addresses.

**FOR FURTHER INFORMATION CONTACT:**

Questions and comments regarding the proposed action and EIS should be addressed to Ms. Rena Brand, Project Manager, U.S. Army Corps of Engineers, Denver Regulatory Office, 9307 S. Wadsworth Blvd., Littleton, CO 80128—6901; (303) 979-4120; *mcrg\_eis@usace.army.mil*.

**SUPPLEMENTARY INFORMATION:** The COE will be conducting public scoping meetings at six locations to describe the Project, preliminary alternatives, the NEPA compliance process, and to solicit input on the issues and alternatives to be evaluated and other related matters. Written comments for scoping will be accepted until May 19, 2009. The COE has prepared a scoping announcement to familiarize agencies, the public and interested organizations regarding the proposed RWSP and potential environmental issues that may be involved. Copies of the scoping announcement will be made available at the public scoping meetings or can be requested by mail.

*Scoping meetings will be held on:*

1. April 14, 2009, 6:30 to 9 p.m., Green River High School, 1615 Hitching Post Drive, Green River, WY.
2. April 15, 2009, 6:30 to 9 p.m., Uintah High School, 1880 West 500 North, Vernal, UT.
3. April 16, 2009, 6:30 to 9 p.m., Laramie High School, 1257 North 11th Street, Laramie, WY.
4. April 20, 2009, 6:30 to 9 p.m., Fossil Ridge High School, 5400 Ziegler Road, Fort Collins, CO.
5. April 21, 2009, 6:30 to 9 p.m. West High School, 951 Elati Street, Denver, CO.
6. April 22, 2009, 6:30 to 9 p.m. Risley Middle School, 625 N. Monument Ave., Pueblo, CO.

*The proponent of the project, MCI?G, proposes the following configuration of the RWSP:* Two water withdrawal facilities, one on the east side of Flaming Gorge Reservoir in Wyoming and the other on the east bank of the Green River in Wyoming approximately 200 feet downstream of the Seedskaadee National Wildlife Refuge; one water treatment storage reservoir located near the Green River intake system; water pipeline system (approximately 560 miles in length and a diameter of 72 to 120 inches) from the two withdrawal points to southeastern Wyoming and the Front Range of Colorado (Wyoming-COLORADO State Line to Pueblo); one regulating reservoir located along the western end of the pipeline system;

approximately sixteen natural gas-powered pump stations located along the pipeline route; temporary (construction phase) and permanent (operation and maintenance phase) access roads; three water storage/flow-regulation reservoirs (Lake Hattie in Wyoming [available volume of approximately 40,000 acre feet]; proposed Cactus Hill Reservoir near Fort Collins, CO [185,000 acre-foot capacity]; and the proposed T-Cross Reservoir to be constructed near Pueblo, CO [25,000 acre-foot capacity]); outlet structures at each reservoir consisting of water treatment facilities; on-site transformers and overhead power lines from local electrical grids for the water withdrawal and storage reservoir facilities; and water delivery systems from the storage reservoirs to water users.

The potential water users for the proposed project would include agriculture, municipalities, and industries in southeastern Wyoming and the Front Range of Colorado. In Wyoming, approximately 25,000 acre-feet of water would be delivered annually to users in the Platte River Basin. The remaining 225,000 acre-feet of water would be delivered annually to the South Platte River and Arkansas River basins in Colorado.

The EIS will be prepared according to the COE's procedures for implementing the NEPA of 1969, as amended, 42 U.S.C. 4232(2)(c), and consistent with the COE's policy to facilitate public understanding and review of agency proposals. As part of the EIS process, a full range of reasonable alternatives, including the Proposed Action and No Action, will be evaluated. Additional alternatives defined at this time by the applicant include four alternative withdrawal points that would involve withdrawal only from the Green River (two separate points) or Flaming Gorge Reservoir (two separate points). A different pipeline segment would connect each alternative withdrawal point to the mainstem pipeline route. Alternative storage reservoirs in the Front Range of Colorado also may be considered for the Project.

The COE has invited the U.S. Bureau of Reclamation, U.S. Bureau of Land Management, the U.S. Forest Service, the U.S. Environmental Protection Agency, and the U.S. Fish and Wildlife Service to be cooperating agencies in the preparation of the EIS. Other Federal and State agencies will participate in the EIS review process to ensure

compliance with relevant laws and regulations.

Timothy T. Carey,  
Chief, Denver Regulatory Office.  
[FR Doc. E9-6170 Filed 3-19-09; 8:45 am]  
BILLING CODE 3720-58-P

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## DEPARTMENT OF EDUCATION

### Submission for OMB Review; Comment Request

**AGENCY:** Department of Education.

**SUMMARY:** The Director, Information Collection Clearance Division, Regulatory Information Management Services, Office of Management invites comments on the submission for OMB review as required by the Paperwork Reduction Act of 1995.

**DATES:** Interested persons are invited to submit comments on or before April 20, 2009.

**ADDRESSES:** Written comments should be addressed to the Office of Information and Regulatory Affairs, Attention: Education Desk Officer, Office of Management and Budget, 725 17th Street, NW., Room 10222, New Executive Office Building, Washington, DC 20503 or faxed to (202) 395-6974.

**SUPPLEMENTARY INFORMATION:** Section 3506 of the Paperwork Reduction Act of 1995 (44 U.S.C. Chapter 35) requires that the Office of Management and Budget (OMB) provide interested Federal agencies and the public an early opportunity to comment on information collection requests. OMB may amend or waive the requirement for public consultation to the extent that public participation in the approval process would defeat the purpose of the information collection, violate State or Federal law, or substantially interfere with any agency's ability to perform its statutory obligations. The Director, Regulatory Information Management Services, Office of Management, publishes that notice containing proposed information collection requests prior to submission of these requests to OMB. Each proposed information collection, grouped by office, contains the following: (1) Type of review requested, e.g. new, revision, extension, existing or reinstatement; (2) Title; (3) Summary of the collection; (4) Description of the need for, and proposed use of, the information; (5) Respondents and frequency of collection; and (6) Reporting and/or Recordkeeping burden. OMB invites public comment.

Dated: March 16, 2009.  
Angela C. Arrington,  
Director, IC Clearance Official, Regulatory Information Management Services, Office of Management.

### Office of Special Education and Rehabilitative Services

*Type of Review:* Extension.  
*Title:* Protection and Advocacy for Assistive Technology (PAAT) Program Performance Report, Form RSA 661.  
*Frequency:* Annually.  
*Affected Public:* Not-for-profit institutions.  
*Reporting and Recordkeeping Hour Burden:*  
*Responses:* 57.  
*Burden Hours:* 912.

*Abstract:* The Annual PAAT Program Performance Report will be used to analyze and evaluate the PAAT Program administered by eligible systems in states. These systems provide services to eligible individuals with disabilities to assist in the acquisition, utilization, or maintenance of assistive technology devices or assistive technology services. The Rehabilitation Services Administration (RSA) uses the form to meet specific data collection requirements of Section 5 of the Assistive Technology Act of 1998, as amended (AT Act). PAAT programs must report annually using the form, which is due on or before December 30 of each year. The Annual PAAT Performance Report has enabled RSA to furnish the President and Congress with data on the provision of protection and advocacy services and has helped to establish a sound basis for future funding requests. Data from the form have been used to evaluate the effectiveness of eligible systems within individual states in meeting annual priorities and objectives. These data also have been used to indicate trends in the provision of services from year to year.

Requests for copies of the information collection submission for OMB review may be accessed from <http://edicsweb.ed.gov>, by selecting the "Browse Pending Collections" link and by clicking on link number 3920. When you access the information collection, click on "Download Attachments" to view. Written requests for information should be addressed to U.S. Department of Education, 400 Maryland Avenue, SW., LBJ, Washington, DC 20202-4537. Requests may also be electronically mailed to the Internet address [ICDocketMgr@ed.gov](mailto:ICDocketMgr@ed.gov) or faxed to 202-401-0920. Please specify the complete title of the information collection when making your request.

Comments regarding burden and/or the collection activity requirements

should be electronically mailed to [ICDocketMgr@ed.gov](mailto:ICDocketMgr@ed.gov). Individuals who use a telecommunications device for the deaf (TDD) may call the Federal Information Relay Service (FIRS) at 1-800-877-8339.

[FR Doc. E9-6118 Filed 3-19-09; 8:45 am]  
BILLING CODE 4000-01-P

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## DEPARTMENT OF EDUCATION

### Submission for OMB Review; Comment Request

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# Regional Watershed SUPPLY PROJECT

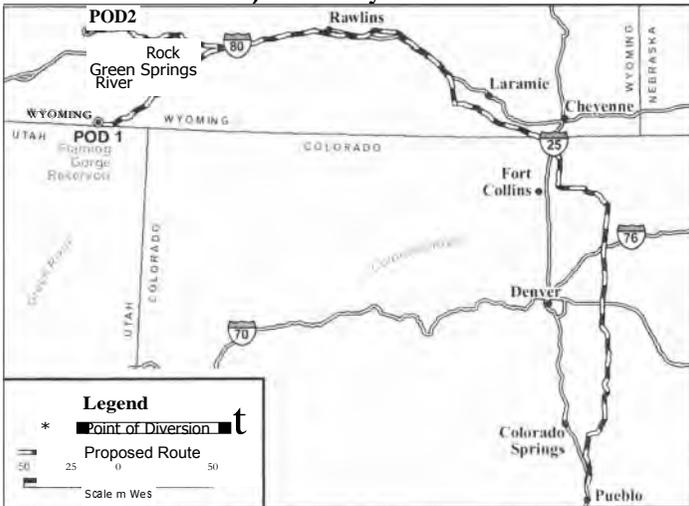
The Million Conservation Resource Group (MCRG), a private entity, is pursuing construction of the Regional Watershed Supply Project (Project) designed to provide approximately 250,000 acre-feet (AF) per year of firm yield to meet a portion of the projected water supply needs of southeastern Wyoming and the Front Range of Colorado. In Wyoming, approximately 25,000 AF would be delivered annually to water users in the Platte River Basin. The remaining 225,000 AF of water would be delivered annually to the South Platte and Arkansas River basins in Colorado. The potential water users would be agriculture, municipalities and industries. Prior to construction of the proposed Project, MCRG is seeking Federal authorizations from the US Army Corps of Engineers, Omaha District (COE), US Bureau of Land Management, US Bureau of Reclamation, and US Forest Service. Preparation of an Environmental Impact Statement (EIS) is being completed by a third-party EIS contractor, AECOM. The lead Federal agency is the COE.

The water would be delivered via a large pipeline (between 72 to 120 inches in diameter) extending from two points of diversion (POD) in Wyoming to a storage facility at the end of the pipeline system near Pueblo, Colorado. The Project would involve water withdrawal from the Green River and the Flaming Gorge Reservoir using intake facilities at the diversion points. From the PODs, water would be pumped through an approximately 560-mile long pipeline. Water storage is currently anticipated at Lake Hattie Reservoir located west of Laramie, Wyoming; the proposed Cactus Hill Reservoir site located northeast of Fort Collins, Colorado; and a new storage reservoir site (T-Cross Reservoir) located near Pueblo, Colorado. A new regulating reservoir also would be located near the Green River-end of the pipeline system. Water treatment facilities would be part of the intake systems and water storage reservoirs.



cut here

Project Analysis Area



\*\*To remain on the mailing list complete, stamp and submit the attached postcard OR email your information to [MCRG.EIS@usace.army.mil](mailto:MCRG.EIS@usace.army.mil) to receive updates electronically. If you do not register and confirm your contact information by **May 19th, 2009**, your name will be removed from the mailing list.

For additional information contact:  
 Ms. Rena Brand, Project Manager  
 U.S. Army Corps of Engineers, Omaha District  
 Denver Regulatory Office  
 9307 S. Wadsworth Blvd.  
 Littleton, Colorado 80128-6901  
 (303)-979-4120  
[MCRG.EIS@usace.army.mil](mailto:MCRG.EIS@usace.army.mil)

**US Army Corps  
of Engineers**  
Omaha District

U.S. Army Corps of Engineers  
 Omaha District  
 Denver Regulatory Office  
 Attn: RWSP

cc  
cc  
cc  
cc  
cc  
cc

EDAW/ AECOM  
 Attn: RWSP  
 240 East Mountain Ave  
 Fort Collins, CO 80524

PRSR STANDARD  
 U.S. POSTAGE PAID  
 PERMIT #627  
 ZIP CODE 80525

**ATTN: REGIONAL WATERSHED SUPPLY PROJECT**

'AUTO"MIXED AADC 800 14-22 5541  
**GERALD R ZIMMERMAN**  
**COLORADO RIVER BOARD OF CALIFORNIA**  
**EXECUTIVE DIRECTOR**  
**770 FAIRMONT AVE STE 100**  
**GLENDALE CA 91203-1068**

**Public Meeting Dates and Locations**

April 14 6:30pm to 9pm	Green River High School 1615 Hitching Post Dr. Green River, WY
April 15 6:30pm to 9pm	Uintah High School 1880 West 500 North Vernal, UT
April 16 6:30pm to 9pm	Laramie High School 1257 N. 11th St. Laramie, WY
April 20 6:30pm to 9pm	Fossil Ridge High School 5400 Ziegler Rd. Fort Collins, CO
April 21 6:30pm to 9pm	West High School 951 Elati St. Denver, CO
April 22 6:30pm to 9pm	Risley Middle School 625 N. Monument Ave. Pueblo, CO

**How to Stay Involved**

- Attend scoping meetings  
 Visit the various information stations  
 Fill out a comment sheet  
 Review Project Purpose  
 Provide information on issues

- Review Draft EIS
- Attend Public Hearings

Visit website: <https://www.nwo.usace.army.mil/html/od-Weis-info.htm>

If you would like to remain on return this postcard OR email to receive updates electronically: [EIS@usace.army.mil](mailto:EIS@usace.army.mil) 19th, 2009.

Regional Project

Name \_\_\_\_\_

Representing \_\_\_\_\_

Address \_\_\_\_\_

City \_\_\_\_\_

State \_\_\_\_\_

Zip \_\_\_\_\_

I would like to be contacted by:

\_\_\_\_\_



**MWD**  
METROPOLITAN WATER DISTRICT OF SOUTHERN CALIFORNIA

Executive Office

March 24, 2009

Mr. William W. Way Jr.  
City Manager  
City of Needles  
817 Third Street  
Needles, CA 92363

Dear Mr. Way:

U.S. Geological Survey Proposal for Hydrologic Investigation to Forecast the Future Total Dissolved Solids Concentration of Water Pumped by the Lower Colorado Water Supply Project

In response to your February 4 request, The Metropolitan Water District of Southern California (Metropolitan) approves the selection of the U.S. Geological Survey as the expert to begin Phase 1 of the "Hydrologic Investigation to Forecast the Future Total Dissolved Solids Concentration of Water Pumped by the Lower Colorado Water Supply Project." Metropolitan understands that the Phase 1 study, "Establishment of Monitoring Network and Initial Characterization of Ground-Water System," will be undertaken in accordance with the Geological Survey's January 7 proposal. Metropolitan would appreciate the opportunity to participate in briefings to be held by the Geological Survey during the course of the study and review the study results as they become available to the City of Needles.

Very truly yours,

Jeffrey J. King  
General Manager

JPM:jc

[c:\als\cl2009\JPM\\_USGS\\_Proposal\\_LCWSP.doc](c:\als\cl2009\JPM_USGS_Proposal_LCWSP.doc)

*THE METROPOLITAN WATER DISTRICT OF SOUTHERN CALIFORNIA*

Mr. William W. Way Jr

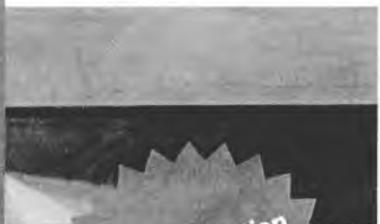
Page 2

March 24, 2009

cc: Ms. Lorri Gray  
Regional Director  
Lower Colorado Region  
U.S. Bureau of Reclamation  
P. O. Box 61470  
Boulder City, NV 89006-1470



ALL-AMERICAN



Formal invitation coming soon via postal mail!

The Imperial Irrigation District, San Diego County Water Authority, Bureau of Reclamation and California Department of Water Resources cordially invite you to attend a dedication ceremony for the new concrete-lined portion of the All-American Canal — a historic water conservation project in California's southwest desert.

The All-American Canal Lining Project is a testament to what can be accomplished when agencies mirk together with the goal of conserving water — for today and tomorrow.

# CANAL LINING DEDICATION EVENT

## Saving Water-Together

When: April 50, 2009

Time: 10 to 11:0 a.m.

Location: imperial Valle(()) (directions below)

Please RSVP by April 15. You may RSVP by sending a reply to this e-mail or by calling the reservation line at (760) 339-9140. When you reply, or call, you will need to provide:

- Your name
- Organization you represent
- Number of people in your party and their names
- If you choose to ride to the event with us, please tell us where you'll board the bus. Complimentary bus transportation will be provided by the Imperial Irrigation District and the San Diego County Water Authority from: Escondido, San Diego, El Cajon and El Centro.

**For bus and hotel information, please click here.**

### Directions from the west:

- Take Interstate 8 east to an area 35 miles east of El Centro, CA.
- Take the Gordon's Well exit.
- Turn right and follow the signs to the event.

### Directions from tile east:

- Take Interstate 8 west to an area 20 miles west of Yuma, AZ.
- Take the Gordon's Well exit.
- Turn left and follow the signs to the event.

120,  
Tbles to Eie,

El Centro

Yuma  
,,,-●-■-■-■-■-

San Diego

Exit 151  
Gordon's Well

Asko



-0119118111010r,,,



**Imperial Irrigation District**  
*Protecting the flow of progress.*



**San Diego County**  
**Water Authority**



5.e. - Colorado River Environmental Issues

## AGREEMENT

THIS AGREEMENT is made and entered into as of this \_\_\_\_ day of , 2007, by and among the United States, represented by the United States Bureau of Reclamation ("Reclamation"), the State of Arizona, represented by the Arizona Department of Water Resources, the State of Nevada, represented by the Colorado River Commission of Nevada and the Southern Nevada Water Authority, and the State of California, represented by the Colorado River Board of California (collectively, "Parties").

## RECITALS

- A. The United States and the Non-Federal Participants have entered into agreements to implement the Lower Colorado River Multi-Species Conservation Program ("Program").
- B. Reclamation serves as the Program Manager for the Program.
- C. The Program provides for securing, creating and managing habitat for the species covered by the Program. The Parties anticipate that most if not all of such habitat will be situated within the Program planning area, and may require Colorado River water for its creation and maintenance. Reclamation as Program Manager will secure, or coordinate with Program participants in securing, the land and water necessary to carry out Program purposes.
- D. The Parties anticipate the use of Colorado River water to establish and maintain most, if not all, of such habitat and further anticipate that, in order to meet Program requirements, Reclamation may develop a portion of the habitat by the removal and replacement of existing non-irrigated phreatophyte vegetation. Reclamation, as Program Manager, may also manage Colorado River water for other Program purposes, including providing marsh, backwater and other habitat. The purpose of this Agreement is to address the use of Colorado River water for these purposes.
- E. Reclamation accounts for the diversion and consumptive use of water from the lower Colorado River. Reclamation does not report as a diversion or consumptive use the natural depletion of Colorado River water by non-irrigated phreatophyte vegetation.
- F. Reclamation, in accordance with Section 5 of the Boulder Canyon Project Act, enters into contracts for the delivery of Colorado River water from Lake Mead. Reclamation does not enter into contracts relating to the natural depletion of Colorado River water by non-irrigated phreatophyte vegetation.

G. Reclamation, in furtherance of its responsibilities under the Boulder Canyon Project Act, manages the flow of the lower Colorado River. Reclamation does not report the evaporation or percolation resulting from Reclamation's management of the flow of the lower Colorado River as a diversion or consumptive use of Colorado River water.

H. To clarify the manner in which the Program will be implemented, the Parties now desire to memorialize their understanding with respect to Reclamation's accounting, contracting, and Program management procedures in securing, creating and managing Program habitat.

NOW, THEREFORE, in consideration of the mutual covenants herein contained, the Parties agree as follows:

### DEFINMONS

For purposes of this agreement:

1. "Conservation Area(s)" shall mean the habitat to be secured, created and managed for Covered Species pursuant to the Program Documents.

2. "Consolidated Decree" shall mean the Consolidated Decree of the United States Supreme Court in Arizona v. California, 547 U.S. \_\_\_\_\_(2006).

3. "Covered Species" shall mean the species covered by the Program.

4. "Lower Colorado River" shall mean the Colorado River within the Planning Area as provided in Section 2(B) of the Implementing Agreement, a Program Document.

5. "Lower Colorado River Multi-Species Conservation Program" or "Program" shall mean the cooperative effort between Federal **and** Non-Federal Participants in Arizona, California, and Nevada approved by a Record of Decision of the Secretary of the Interior on April 2, 2005.

6. "Non-Federal Participants" shall mean the non-Federal entities covered by the Section 10(a)(1)(B) Permit issued by the United States Fish and Wildlife Service in connection with the Prop-am.

7. "Program Documents" shall mean the Habitat Conservation Plan, Biological Assessment and Biological and Conference Opinion, Environmental Impact Statement/Environmental Impact Report, Funding and Management Agreement, Implementing Agreement, and Section 10(a)(1)(B) Permit issued and, as applicable, executed in connection with the Program.

8. "Reclamation" shall mean the United States Bureau of Reclamation.

9. "Section 5 Contract" shall mean a contract entered into pursuant to Section 5 of the Boulder Canyon Project Act, 43 U.S.C. § 617d.

## **PROCEDURES**

10. To the extent that the natural depletion of Lower Colorado River water is reduced as a result of the removal of non-irrigated phreatophyte vegetation from a parcel of land within a Conservation Area for Program purposes and Lower Colorado River water is thereafter applied to replacement vegetation on that parcel for Program purposes for the benefit of Covered Species, Reclamation shall:

- (a) consider the amount of Lower Colorado River water saved by the removal of such vegetation to be equivalent to the amount applied to replacement vegetation on each such parcel of land, and
- (b) not report the application of Lower Colorado River water to such replacement vegetation as a diversion or consumptive use of Lower Colorado River water in the annual report filed pursuant to Article V of the Consolidated Decree.

11. To the extent that Reclamation manages Lower Colorado River water to meet Program performance requirements for marsh, backwater or other habitat in Conservation Areas, Reclamation shall:

- (a) not consider any resulting increase in evaporation or percolation of Lower Colorado River water to be a diversion or consumptive use, and
- (b) not report any such increase as a diversion or consumptive use in the annual report filed pursuant to Article V of the Consolidated Decree.

12. No right to water from the Lower Colorado River shall be acquired by any person solely by virtue of the actions described in paragraphs 10 or 11 of this Agreement. Reclamation shall not enter into a Section 5 Contract or otherwise recognize any entitlement to the diversion or consumptive use of Lower Colorado River water arising solely by virtue of (a) the reduction in the depletion of Colorado River water caused by the removal of non-irrigated phreatophyte vegetation from Conservation Areas for Program purposes, or (h) the application of the water saved thereby to replacement vegetation in those Conservation Areas for Program purposes.

13. Reclamation may deliver Lower Colorado River water under a Section 5 Contract or other existing right for use on lands within Conservation Areas for Program purposes notwithstanding any limitations or characterizations in such contract or such right on the purposes to which such water may be applied and without requiring an

amendment of such contract or of such existing right. Nothing in this Agreement shall modify or limit in any fashion the provisions of any Section 5 Contract or of any existing right relating to the contractor's or right holder's use of water from the Lower Colorado River.

14. If a Conservation Area is established on lands that have a right to water from the Lower Colorado River, Reclamation shall deliver water from the Lower Colorado River for use on such lands for Program purposes, in accordance with the entitlement. To the extent a Conservation Area is established on lands which either have no water entitlement or which have an entitlement insufficient for Program purposes, Reclamation shall acquire, or assist Program participants in acquiring, water for use on these lands to meet Program purposes. Such water shall only be acquired through voluntary arrangements and only in accordance with applicable law from either:

- (a) existing Lower Colorado River entitlements with a place of use within the same State as the lands requiring water *are* situated, provided the existing entitlement holder agrees to reduce consumptive use in an amount equivalent to that leased, assigned or transferred for Program purposes; or
- (b) sources of water other than the Lower Colorado River but from within the same State as the lands requiring water are situated.

15. To the extent, in Reclamation's determination as Program Manager, use of water from sources other than the Lower Colorado River on lands within Conservation Areas is reasonable for Program purposes, whether directly or by exchange, Reclamation shall use water from sources other than the Lower Colorado River rather than water from the Lower Colorado River for Program purposes.

16. Reclamation may approve assignments and enter into contracts or amend existing contracts as appropriate under this Agreement and applicable law to permit the transfer of existing rights to Lower Colorado River or other water for use on lands within Conservation Areas for Program purposes.

17. The use for Program purposes of a portion of a Lower Colorado River water entitlement within a Conservation Area shall not affect the ability of the remainder of the entitlement to be used for non-Program purposes on such land or to be transferred to other lands to the extent permitted by applicable law.

18. This Agreement shall not be construed or implemented so *as* to impair any right to the delivery or beneficial consumptive use of Colorado River water under any compact, treaty, law, decree, or contract in effect on the date of this Agreement.

19. This Agreement shall become effective upon the execution of the Agreement by all Parties. No amendment to this Agreement shall be effective unless it is in writing and executed by all Parties.

20. This Agreement may be executed in counterparts each of which shall constitute an original.

UNITED STATES BUREAU  
OF RECLAMATION

By

**ARIZONA DEPARTMENT  
OF WATER RESOURCES**

**By**

**COLORADO RIVER COMMISSION  
OF NEVADA**

By

SOUTHERN NEVADA WATER  
AUTHORITY

By

COLORADO RIVER BOARD  
OF CALIFORNIA

By\_\_\_\_\_

6.a. - Colorado River Basin Salinity Control Forum

**COLORADO RIVER BOARD OF CALIFORNIA**

770 FAIRMONT AVENUE, SUITE 100  
GLENDALE, CA 91203-1035  
(818) 500-1625  
(818) 543-4685 FAX



March 24, 2009

**Statement of**

**the**

**COLORADO RIVER BOARD OF CALIFORNIA**

**to the**

**HOUSE COMMITTEE ON APPROPRIATIONS**  
**SUBCOMMITTEE ON INTERIOR, ENVIRONMENT,**  
**AND**  
**RELATED AGENCIES**

**Presented by**  
**GERALD R. ZIMMERMAN, EXECUTIVE DIRECTOR**  
**March 24, 2009**

**Requesting Appropriations for the**  
**COLORADO RIVER BASIN SALINITY CONTROL PROGRAM, TITLE II**

Support for Fiscal Year 2010 Federal Funding  
of \$5.9 Million for the Department of the Interior - Bureau of Land Management (BLM)  
to assist in the Colorado River Basin Salinity Control Program, with \$1,500,000  
to be designated specifically to identified salinity control efforts

This testimony is in support of Fiscal Year 2010 funding for BLM for the sub-activity that assists Title II of the Colorado River Basin Salinity Control Act (P.L. 92-500). This successful and cost-effective program is carried out pursuant to the Colorado River Basin Salinity Control Act and the Clean Water Act (P.L. 92-500).

The Colorado River Board of California (Colorado River Board) is the state agency charged with protecting California's interests and rights in the water and power resources of the Colorado River system. In this capacity, California and the other six Basin States through the Colorado River Basin Salinity Control Forum (Forum), the interstate organization responsible for coordinating the Basin States' salinity control efforts, established numeric criteria in June 1975, for salinity concentrations in the River. These criteria were established to lessen the future damages in the Lower Basin states, as well as, assist the United States in

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delivering water of adequate quality to Mexico in accordance with Minute 242 of the International Boundary and Water Commission. California's Colorado River water users are presently suffering economic damages in the hundreds of million of dollars per year due to the River's salinity.

The BLM's Budget Justification document has stated that the BLM continues to implement on-the-ground projects, evaluate progress in cooperation with the U.S. Bureau of Reclamation (USBR) and the U.S. Department of Agriculture (USDA), and report salt retaining measures in order to further the Plan of Implementation of Federal Salinity Control Program in the Colorado River Basin. The BLM Budget, as proposed in the BLM Budget Justification Document, calls for five principal program priorities within the Soil, Water, and Air Management Program. One of the priorities is reducing saline runoff in the Colorado River Basin to meet the interstate, federal and international agreements to control salinity of the Colorado River.

As you are aware, BLM is the largest landowner in the Colorado River Basin. Due to geological conditions, much of the lands that are controlled and managed by the BLM are heavily laden with salt. Past management practices have led to human-induced and accelerated erosion processes from which soil and rocks, heavily laden with salt have been deposited in various stream beds or flood plains. As a result, salts are dissolved into the Colorado River system causing water quality problems downstream.

Congress has charged federal agencies, including the BLM, to proceed with programs to control the salinity of the Colorado River. BLM's rangeland improvement programs can lead to some of the most cost-effective salinity control measures available. These measures significantly complement programs and activities being considered for implementation by the Bureau of Reclamation (Reclamation) through its Basin-wide Program and by the U.S. Department of Agriculture through its on-farm Environmental Quality Incentives Program.

In keeping with the Congressional mandate to maximize the cost-effectiveness of the salinity control program, the Forum at its meeting in October 2008 in San Diego, California, recommended that Congress appropriate \$5,900,000 to BLM in FY-2010 for activities that help control salt contributions from BLM managed lands in the Colorado River Basin. In the past, BLM has used \$800,000 of this funding for proposals submitted by BLM staff to the BLM's salinity control coordinator for projects that focus on salinity control. The Colorado River Basin Salinity Control Advisory Council report states that the BLM has now identified projects that in FY-2010 could use \$1.5 million. The Colorado River Board requests that Congress appropriate \$5,900,000 to BLM in FY-2010. The Colorado River Board supports Forum's recommendation and urges the Subcommittee to specifically designate \$1,500,000 for the Colorado River Basin Salinity Control Program as has been the direction to BLM from the Subcommittee in past years.

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Since the Congressional mandates of over two decades ago, much has been learned about the impact of salts in the Colorado River system. Reclamation estimates that the quantified economic impacts and damages to water users in the United States alone is about \$376 million per year. However significant un-quantified damages also occur. For example, damages can be incurred related to the following activities:

- A reduction in the yield of salt-sensitive crops and increased water use for leaching in the agricultural sector;
- A reduction in the useful life of galvanized water pipe systems, water heaters, faucets, garbage disposals, clothes washers, and dishwashers, and increased use of bottled water and water softeners in the household sector;
- An increase in the use of water for cooling, and the cost of water softening, and a decrease in equipment service life in the commercial sector;
- An increase in the use of water and the cost of water treatment, and an increase in sewer fees in the industrial sector;
- A decrease in the life of treatment facilities and pipelines in the utility sector;
- Difficulty in meeting wastewater discharge requirements to comply with National Pollutant Discharge Elimination System permit terms and conditions, an increase in desalination and brine disposal costs due to accumulation of salts in groundwater basins, and fewer opportunities for recycling and reuse of the water due to groundwater quality deterioration;
- Increased use of imported water for leaching and the cost of desalination and brine disposal for recycled water.

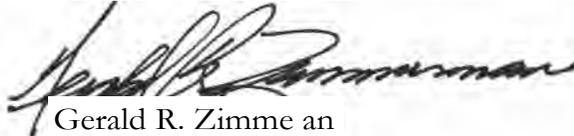
For every 30 milligram per liter increase in salinity concentrations, there are an additional \$75 million damages within the United States. In addition, the federal government has made significant commitments to the Republic of Mexico and to the seven Colorado River Basin states with regard to the delivery of quality water to Mexico. In order for those commitments to be honored, it is essential that in FY-2010, and in future fiscal years, that the Congress provides adequate funds to BLM for its activities related to salinity control in the Colorado River Basin.

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The Colorado River is, and will continue to be, a major and vital water resource to the 18 million residents of southern California, including municipal, industrial, and agricultural water users in Imperial, Los Angeles, Orange, Riverside, San Bernardino, San Diego, and Ventura Counties. Preservation and improvement of Colorado River water quality through an effective salinity control program will avoid the additional economic damages to users in California and the other states that rely on Colorado River water resources.

Sincerely,

A handwritten signature in black ink, appearing to read "Gerald R. Zimmerman". The signature is fluid and cursive, written over a light gray rectangular background.

Gerald R. Zimmerman  
Executive Director

8.a. - Special Board Meeting in Conjunction with ACWA's 2009 Spring Conference

# AC WA's 2009 Spring Conference & Exhibition Preregistration

Sacramento Convention Center & Surrounding Hotels • May 19-22, 2009

**PREREGISTRATION DEADLINE IS APRIL 17, 2009.**

Those received after April 17 will be returned, regardless of postmark. Deadline to cancel and receive refund voucher is April 17. See page 14. There is a \$50 handling fee on all cancellations prior to this date.

OFFICE USE ONLY - 5C09 -2

PKG \_\_\_\_\_

DATA

Fill in Completely - Please Print/Type Clearly

Name on Badge to Read \_\_\_\_\_ Spouse/Companion (\$30 fee if attending) \_\_\_\_\_

Title \_\_\_\_\_

Organization \_\_\_\_\_

Address \_\_\_\_\_

City \_\_\_\_\_ State \_\_\_\_\_

Phone: ( \_\_\_\_\_ ) \_\_\_\_\_ FAX: ( \_\_\_\_\_ ) \_\_\_\_\_

Attendee E-mail Address: \_\_\_\_\_

Confirmation E-mail Address: \_\_\_\_\_

Please check all that interest you.

- |  |   |
|--|---|
| <input type="checkbox"/> El Attorneys (11)         | <input type="checkbox"/> Human Resources (13) |
| <input type="checkbox"/> Finance (12)              | <input type="checkbox"/> Small Agencies (14)  |
| <input type="checkbox"/> Groundwater (17)          | <input type="checkbox"/> Water Trends (18)    |
| <input type="checkbox"/> Other (please list) _____ |   |

### Credit Card Payment Information

Please charge my fee to my credit card:



Credit Card Number: \_\_\_\_\_

Exp. Date: \_\_\_\_\_

Amount • \$ \_\_\_\_\_

Signature- \_\_\_\_\_

Preregistration PACKAGE — ACWA public agency members, affiliates & associates only

(Includes registration and all meals. Does not include spouse registration.) **Not available on site.** (20) ... \$595

Conference Registration (21) *See page 10 for pricing option explanation (Meals not included)	Preregistration	On Site	Amount
Advantage* .....	\$450	(\$475)	
Standard* .....	\$675	(\$710)	
Spouse/Companion (Non-refundable) (22) .....	\$30	(\$40)	

Daily Conference Registration (Meals not included)	Preregistration		On Site		Amount
	(Advantage)	(Standard)	(Advantage)	(Standard)	
[1 Tues., May 19/Wed., May 20 (23) .....	\$235	\$350	\$250	\$375	
Thurs., May 21/Fri., May 22 (24) .....	\$235	\$350	\$250	\$375	

### MEAL FUNCTIONS

	Quantity	Preregistration	On Site	Amount
<b>Wednesday, May 20</b>				
Opening Breakfast (30) .....		\$40	(\$42)	
Luncheon (31) .....		\$45	(\$47)	
<b>Thursday, May 21</b>				
Networking Continental Breakfast (35) .....		\$25	(\$27)	
Luncheon (32) .....		\$45	(\$47)	
Dinner (33) .....		\$75	(\$77)	
<b>Friday, May 22</b>				
Hans Doe Forum Breakfast, sponsored by AECOM (34) .....		\$40	(\$42)	

Ethics Training Registration

(Choose ONE - No additional fee required if registered for conference.)

Tuesday, May 19, 2-4:15 p.m. (50)

Thursday, May 21, 9:45 am. -Noon (52)

TOTAL \$ \_\_\_\_\_

Make checks payable to ACWA, and send to: ACWA, P.O. Box 2408, Sacramento, CA 95812-2408.

FAX (916) 325-2316. Do NOT fax AND mail this form.

Questions? Contact ACWA at (916) 441-4545, toll free (888) 666-2292, or e-mail: [events@acwa.com](mailto:events@acwa.com).