

**MONTEREY COUNTY WATER RESOURCES AGENCY  
BOARD OF DIRECTORS  
RESERVOIR OPERATIONS COMMITTEE**

**COMMITTEE MEMBERS**

David Hart, Chair  
Ken Ekelund  
Richard Ortiz  
Mark Nielsen  
David Pozzi  
Mark Gonzalez

John Baillie  
Benny Jefferson  
Dean Benedix  
Michael Tozzi (Parks)  
Mark Sandoval (CalParks)

**TIME:** 1:30 p.m.  
**DATE:** Thursday, March 3, 2016  
**PLACE:** Monterey County Water Resources Agency  
Board Room  
893 Blanco Circle  
Salinas, CA 93901

**AGENDA**

1. **Call to Order**
2. **Public Comment**  
*(Limited to three (3) minutes per speaker on matters within the jurisdiction of the Agency not listed on this agenda. The public will have the opportunity to ask questions and make statements on agenda items as the Committee considers them.)*
3. **Approve the Minutes of the Reservoir Operations Committee Meeting held on February 4, 2016.**  
The Committee will consider approval of the minutes of the above-mentioned meeting (Attachment 1).
4. **Review the status of both Reservoirs; review releases and Release Schedule.**  
Staff will present a summary of current conditions at both reservoirs, as well as provide a synopsis of release changes that have occurred since the last meeting (Attachments 2, 2a, 3, 3a, 4).
5. **Receive report on the status of the Operations Policy Manual for San Antonio and Nacimiento Reservoirs.**  
Staff will report on the work being done to update the San Antonio and Nacimiento Reservoirs Operations Policy manual.

6. **Receive report regarding Operations and Maintenance activities at the Reservoirs.**  
Staff will present a verbal report discussing the various Operations and Maintenance activities at both reservoirs that have occurred over the last month.
7. **Receive report regarding Interlake Tunnel Project.**  
Staff will report on current activities regarding the Interlake Tunnel Project.
8. **Receive status reports on:**
  - A. **Lake recreation by Concessionaire and Parks Department**
  - B. **Easements and Agency Leases**
  - C. **San Luis Obispo County Activities**
  - D. **National Marine Fisheries Service**
  - E. **Cloud Seeding**
9. **Set next meeting date and discuss future Agenda items.**  
The Committee will discuss and determine details for its next meeting.
10. **Adjournment**

**MONTEREY COUNTY WATER RESOURCES AGENCY  
BOARD OF DIRECTORS  
RESERVOIR OPERATIONS COMMITTEE**

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**TIME:** 1:30 PM  
**DATE:** Thursday, February 4, 2016  
**PLACE:** Monterey County Water Resources Agency  
Board Room  
890 Blanco Circle  
Salinas, CA 93901  
(831) 755-4860

**MINUTES**

1. **CALL TO ORDER @ 1:30 P.M. by Chair David Hart and a quorum was established.**  
**Members present:** David Hart, Ken Ekelund, Richard Ortiz, David Pozzi, John Baillie, Benny Jefferson, Bill Capps (*for Mark Nielsen*), Mark Sandoval  
**Members absent:** Mark Nielsen, Mark Gonzalez, Michael Tozzi

Bill Stevens, NOAA National Marine Fisheries Service (NMFS), participated in the meeting via Conference Call.

2. **PUBLIC COMMENT - none**
3. **APPROVE THE MINUTES OF THE RESERVOIR OPERATIONS COMMITTEE MEETING HELD ON JANUARY 7, 2016**

**ACTION:** On motion and second of Committee members Baillie and Pozzi, the Committee approved the minutes.

**VOTE:** Yes: Hart, Ekelund, Ortiz, Pozzi, Baillie, Jefferson, Capps, Sandoval  
No: None  
Abstain: Jefferson

4. **REVIEW THE STATUS OF BOTH RESERVOIRS; REVIEW RELEASES AND RELEASE SCHEDULE**

Germán Criollo, Associate Hydrologist, reported on this item. The end of flow in the Salinas River was not located but is estimated to be between river mile 70 and 74. To date this season, San Antonio has received a net increase of approximately 1,000 acre feet of

storage (an increase of approximately one foot in elevation). Nacimiento has received a net increase of 21,600 acre feet of storage (an increase of approximately 10 feet in elevation).

Nacimiento Reservoir elevation is 725.90 feet and 83,600 acre-feet of storage, 22% of capacity, and current release is 60 cfs.

San Antonio Reservoir elevation is 647.45 feet and 11,268 acre-feet of storage, 3% of capacity, and current release is 3 cfs.

**5. RECEIVE REPORT ON THE STATUS OF THE OPERATIONS POLICY MANUAL FOR SAN ANTONIO AND NACIMIENTO RESERVOIRS**

Brent Buche, Deputy General Manager, and Germán Criollo, Associate Hydrologist, reported on this item. The next meeting for the Operations Policy Subcommittee is scheduled for February 17, 2016 at 10:00 a.m. at the Agency.

**6. RECEIVE REPORT REGARDING OPERATIONS AND MAINTENANCE ACTIVITIES AT THE RESERVOIRS**

Brent Buche, Deputy General Manager, reported on this item.

**7. RECEIVE REPORT REGARDING INTERLAKE TUNNEL PROJECT**

Dave Chardavoyne, General Manager, reported on this item. The Agency will go before the Board of Supervisors on Tuesday February 9, 2016 regarding a Project Labor Agreement for the Interlake Tunnel Project.

**8. CONSIDER RECOMMENDING CHANGES TO THE 2015 LEGISLATIVE PRIORITIES FOR AQUATIC INVASIVE SPECIES**

Elizabeth Krafft, Senior Hydrologist, reported on this item and provided a hand-out.

**ACTION:** On motion and second of Committee members Ekelund and Capps, the Committee recommends updates to the 2015 legislative priorities to include a robust statewide vessel tracking system.

**VOTE:** Motion carried unanimously by those members present.

**9. RECEIVE REPORTS ON STATUS OF:**

**A. LAKE RECREATION BY CONCESSIONAIRE & PARKS DEPARTMENT**

Mark Sandoval, CalParks, reported on this item.

**B. EASEMENTS AND AGENCY LEASES**

Brent Buche reported on this item.

**ACTION:** On motion and second of Committee members Ortiz and Ekelund, the Committee directed staff to take action against illegal dumping on the Agency's lease property.

**VOTE:** Motion carried unanimously by those members present.

**C. UPDATE ON SAN LUIS OBISPO COUNTY ACTIVITIES**

No update available.

**D. NATIONAL MARINE FISHERIES SERVICE**

Nothing to report.

**E. CLOUD SEEDING**

John Baillie provided information.

**ACTION:** On motion and second of Committee members Baillie and Ekelund, the Committee recommends the \$125,000 in the cloud seeding reserve be carried over to the 2016-17 budget.

**VOTE:** Motion carried unanimously by those members present.

**10. SET NEXT MEETING DATE AND DISCUSS FUTURE AGENDA ITEMS**

The next meeting is scheduled for Thursday March 3, 2016 at the Agency.

**11. ADJOURNMENT BY CHAIR DAVID HART AT 3:02 P.M.**

**SUBMITTED BY: TERESA CAMPA**

**MONTEREY COUNTY WATER RESOURCES AGENCY  
BOARD OF DIRECTORS - RESERVOIR OPERATIONS COMMITTEE**

<b>MEETING DATE:</b>	March 3, 2016	<b>AGENDA ITEM:</b>	
<b>AGENDA TITLE:</b>	Reservoir Release Update		
	Consent ( )	Action ( )	Information ( X )
<b>SUBMITTED BY:</b>	Germán Criollo	<b>PREPARED BY:</b>	Jason Demers
<b>PHONE:</b>	(831) 755-4860	<b>PHONE:</b>	(831) 755-4860
<b>DEADLINE FOR BOARD ACTION:</b>	March 3, 2016		

**RECOMMENDED BOARD ACTION:**

None – item presented for informational purposes.

**SUMMARY:**

The Board of Directors receives monthly updates on the status of Agency reservoirs.

**DISCUSSION/ANALYSIS:**

**RESERVOIR ELEVATION / STORAGE:** As of February 23, 2016, San Antonio Reservoir is at an elevation of approximately 649 feet mean sea level (msl), 12,029 acre-feet of storage. Nacimiento Reservoir is at elevation 726.95 feet msl, 84,680 acre-feet of storage. San Antonio Reservoir is currently at 4% of storage capacity and Nacimiento Reservoir is at 22% of capacity.

From the Seasonal low in early January, San Antonio Reservoir has received a net increase of approximately 1,800 acre-feet of storage while Nacimiento Reservoir has received a net increase of approximately 22,700 acre-feet of storage.

**RESERVOIR RELEASES:** Minimum fisheries releases continue from both reservoirs.

Releases as of February 23, 2016:

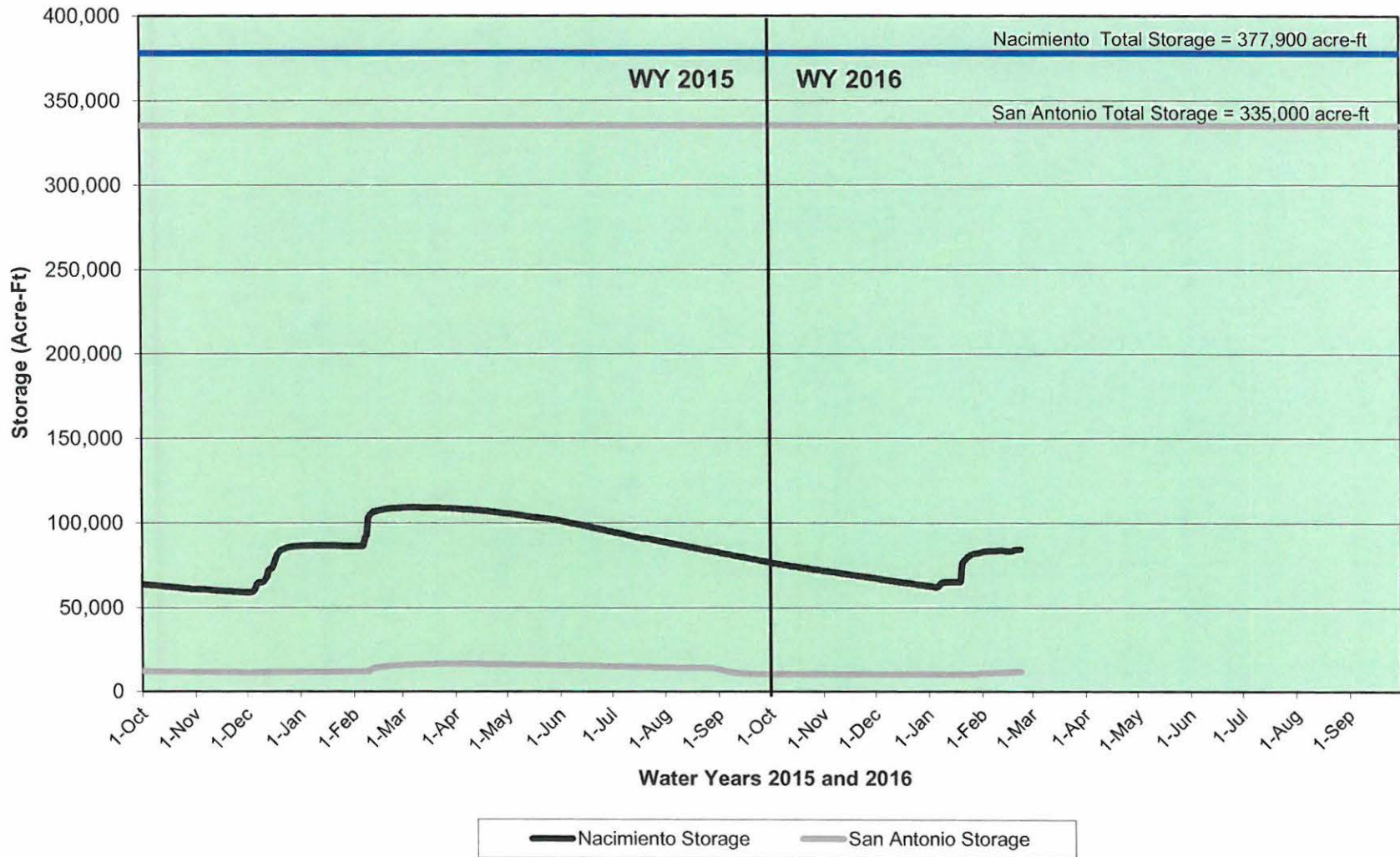
- San Antonio Reservoir: 3 cfs
- Nacimiento Reservoir: 60 cfs

Total releases from both reservoirs to the Salinas River are approximately 63 cfs. The following “provisional” flows have been recorded by the USGS:

- Salinas River near Spreckels: 0 cfs
- Salinas River near Chualar: 0 cfs
- Salinas River near Soledad: 0 cfs
- Salinas River near Bradley: 68 cfs (steady)

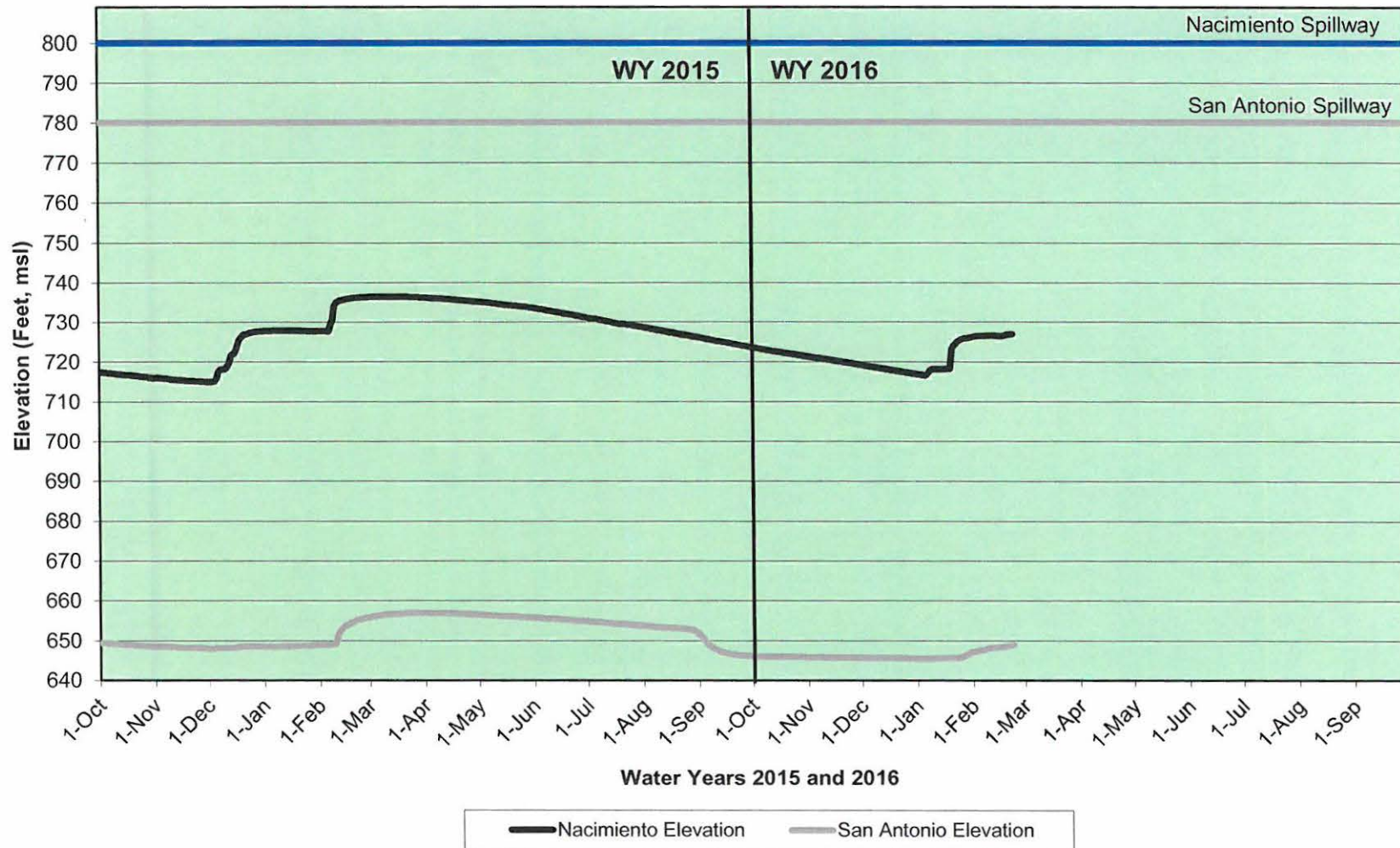


## Reservoir Storage





### Reservoir Elevation



**MONTEREY COUNTY WATER RESOURCES AGENCY  
2016 Elevation/Storage/NWP Diversions**

2/23/2016

	NACIMIENTO								SAN ANTONIO					
	Combined Releases (cfs)*	Combined Releases (ac-ft)	Evap. Losses (ac-ft)**	Reservoir Releases (cfs)*	Reservoir Releases (ac-ft)	NWP Orders (ac-ft)	NWP Diversions (ac-ft)	Storage (ac-ft)	Elev. (ft)	Evap. Losses (ac-ft)**	Reservoir Releases (cfs)*	Reservoir Releases (ac-ft)	Storage (ac-ft)	Elev. (ft)
1/1/2016	63	3,874	263	60	3,689	348	247	62,755	717.0	67	3	184	10,254	645.5
2/1/2016						620		83,120	726.3				11,065	647.1
3/1/2016						931								
4/1/2016						1,031								
5/1/2016						1,259								
6/1/2016						2,159								
7/1/2016						2,156								
8/1/2016						2,175								
9/1/2016						2,175								
10/1/2016						2,175								
11/1/2016						2,156								
12/1/2016														
1/1/2017														
<b>TOTALS:</b>		<b>3,874</b>	<b>263</b>		<b>3,689</b>	<b>15,010</b>	<b>247</b>			<b>67</b>		<b>184</b>		

\* Mean daily flow for the month in cubic feet per second.

\*\* Evap. Losses estimated from long term pan evaporation data at Nacimiento and San Antonio Reservoirs.

**NOTES:**

1. Nacimiento Reservoir storage capacity 377,900 acre feet.
2. San Antonio Reservoir storage capacity 335,000 acre feet.
3. Reservoir Operations Committee may make release considerations for fish spawn and holiday periods to benefit recreation.
4. Shaded areas represent periods when elevations are influenced by inflow/runoff; releases may include flood control releases.
5. Preliminary Schedule assumes no inflow to reservoirs after May 1st.
6. "NWP Diversions" are San Luis Obispo County - Nacimiento Water Project conveyance facilities diversions. Max. allowable diversions for water year (Oct. 1 - Sept. 30) are 15,750 ac-ft. To Be Reported (TBR)
7. NACIMIENTO "NWP Diversions" do not include lakeside water use which is estimated at approximately 1,750 acre feet per year.