

**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, July 28, 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 June 2, 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 closing of San Antonio Reservoir to the public**
- 6. 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.

7. **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.
8. **Receive report regarding Interlake Tunnel Project**  
Staff will report on current activities regarding the Interlake Tunnel Project.
9. **Receive status reports on:**
  - A. **Lake recreation by Concessionaire and Parks Department**
  - B. **Easements and Agency Leases**
  - C. **Quagga / Zebra Mussel Plan**
  - D. **San Luis Obispo County Activities**
  - E. **National Marine Fisheries Service**
  - F. **Cloud Seeding**
10. **Set next meeting date and discuss future Agenda items**  
The Committee will discuss and determine details for its next meeting.
11. **Adjournment**

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**TIME:** 10:00 AM  
**DATE:** Thursday, June 2, 2016  
**PLACE:** Dragon Lake Grill @ Lake Nacimiento Resort  
10625 Nacimiento Lake Drive  
Bradley, CA 93426

**TOUR OF NACIMIENTO RESERVOIR**

**MINUTES**

1. **CALL TO ORDER at 10:05 A.M. by Chair David Hart and a quorum was established.**  
**Members present:** David Hart, John Baillie, Dean Benedix, Ken Ekelund, Benny Jefferson, Mark Nielsen, Richard Ortiz, David Pozzi, Mark Sandoval, Michael Tozzi  
**Members absent:** Mark Gonzalez
2. **PUBLIC COMMENT:**  
Benny Jefferson
3. **APPROVE THE MINUTES OF THE RESERVOIR OPERATIONS COMMITTEE MEETING HELD ON MAY 5, 2016**  
**ACTION:** On motion and second of Committee members Baillie and Ekelund, the Committee approved the minutes.  
**VOTE:** Motion carried unanimously by those members present.
4. **REVIEW THE STATUS OF BOTH RESERVOIRS; AND REVIEW RELEASES AND RELEASE SCHEDULE**  
Jason Demers, Hydrologist, reported on this item.
5. **RECEIVE REPORT ON THE STATUS OF THE OPERATIONS POLICY MANUAL FOR SAN ANTONIO AND NACIMIENTO RESERVOIRS**  
Germán Criollo, Associate Hydrologist, reported on this item. The next Operations Policy Subcommittee is scheduled for July 7<sup>th</sup> 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**  
Brent Buche, reported on this item. The Agency is scheduling a special meeting, tentatively scheduled for the week of July 13th, to talk to individuals directly impacted by the project.
8. **RECEIVE REPORTS ON STATUS OF:**
  - A. **LAKE RECREATION BY CONCESSIONAIRE & PARKS DEPARTMENT**  
Mark Sandoval, CalParks, and Michael Tozzi, Parks, reported on this item.
  - B. **EASEMENTS AND AGENCY LEASES**  
Brent Buche reported on this item.
  - C. **QUAGGA/ZEBRA MUSSEL PLAN**  
Michael Tozzi reported on this item.
  - D. **UPDATE ON SLO ACTIVITIES**  
Dean Benedix, SLO County, reported on this item.
9. **SET NEXT MEETING DATE AND DISCUSS FUTURE AGENDA ITEMS**  
Beginning in July, the Reservoir Operations Committee meetings will be held on the last Thursday of each month. The Agenda will include a status of San Antonio Reservoir. The next meeting is scheduled for Thursday July 28, 2016 at 1:30 pm at the Agency.
11. **ADJOURNMENT BY CHAIR DAVID HART AT 11:43 A.M.**

**SUBMITTED BY: TERESA CAMPA**

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

<b>MEETING DATE:</b>	July 28, 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>	July 28, 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 July 13, 2016, San Antonio Reservoir is at an elevation of approximately 666.4 feet mean sea level (msl), 23,470 acre-feet of storage. Nacimiento Reservoir is at elevation 738.2 feet msl, 114,180 acre-feet of storage. San Antonio Reservoir is currently at 7% of storage capacity and Nacimiento Reservoir is at 30% of capacity.

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

Releases as of July 13, 2016:

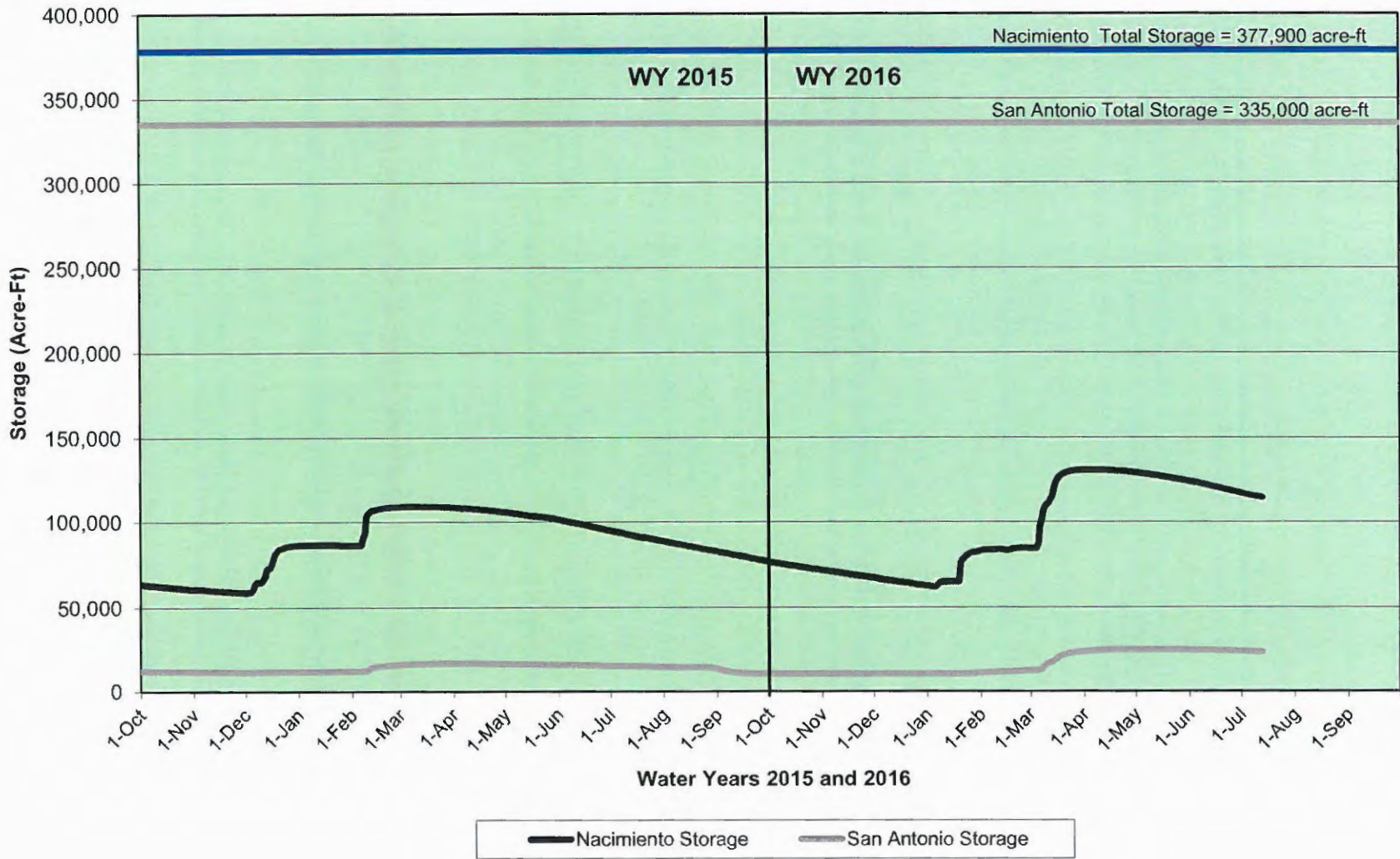
- San Antonio Reservoir: 3 cfs
- Nacimiento Reservoir: 60 cfs

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

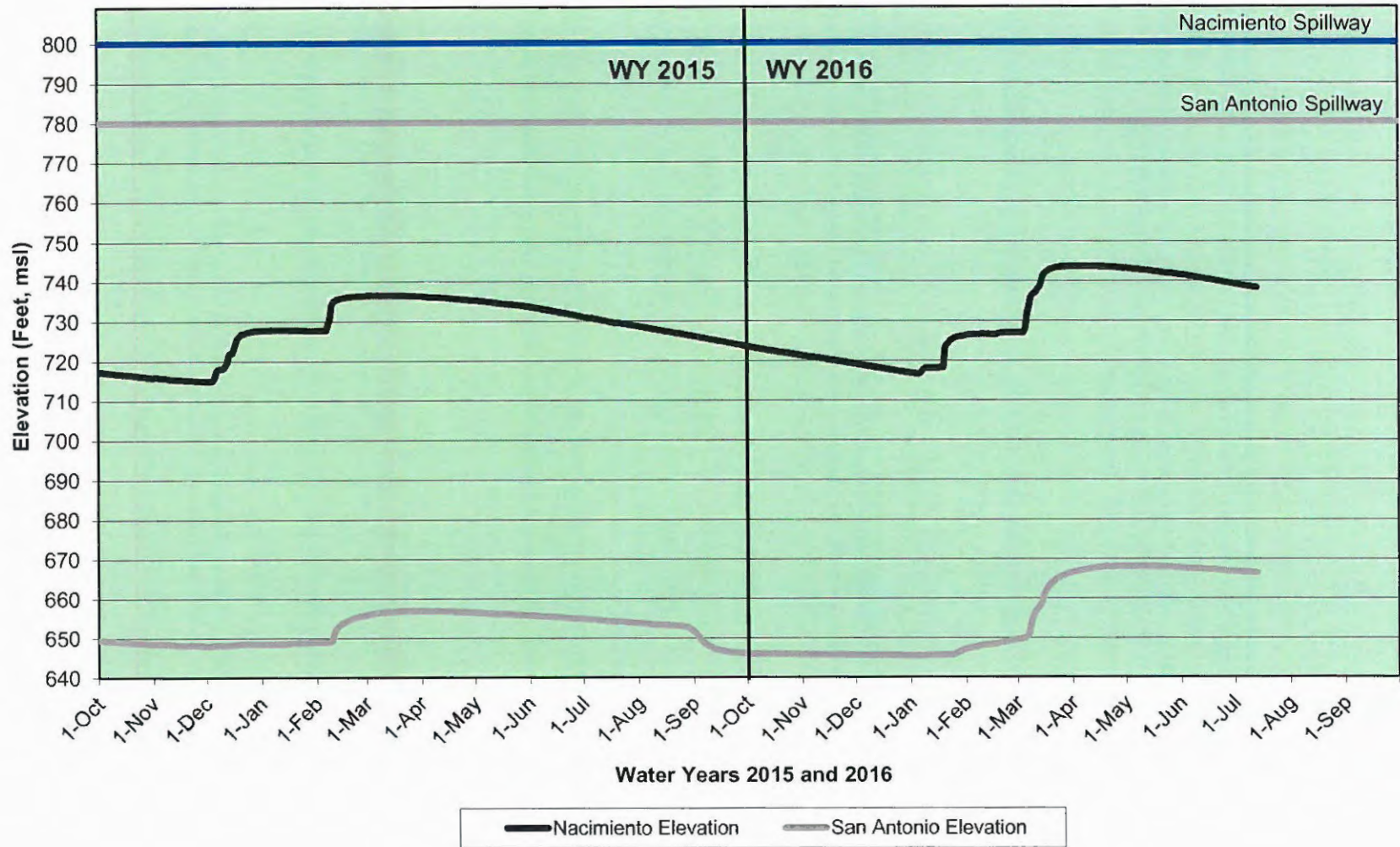
- Salinas River near Spreckels: 0 cfs
- Salinas River near Chualar: 0 cfs
- Salinas River near Soledad: 0 cfs
- Salinas River near Bradley: 46 cfs (steady)



## Reservoir Storage



# Reservoir Elevation





**MONTEREY COUNTY WATER RESOURCES AGENCY**  
**PRELIMINARY - Estimated Elevation/Storage/NWP Diversions; after July 1<sup>st</sup>**

7/13/2016

	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	208	60	3,689	576	247	62,755	717.0	67	3	184	10,254	645.5
2/1/2016	63	3,624	225	60	3,451	716	309	83,120	726.3	67	3	173	11,065	647.1
3/1/2016	63	3,874	498	60	3,689	1,012	412	84,680	727.0	128	3	184	12,282	649.5
4/1/2016	63	3,749	845	60	3,570	1,101	439	130,685	743.7	222	3	179	23,630	666.6
5/1/2016	63	3,874	1,408	60	3,689	1,112	562	129,008	743.2	393	3	184	24,750	668.0
6/1/2016	63	3,749	1,902	60	3,570	2,106	680	123,975	741.5	535	3	179	24,430	667.6
7/1/2016	63	3,874	2,009	60	3,689	2,121	TBR	116,795	739.1	571	3	184	23,790	666.8
8/1/2016	63	3,874	1,838	60	3,689	2,121	TBR	108,976	736.4	520	3	184	23,035	665.9
9/1/2016	63	3,749	1,475	60	3,570	1,686	TBR	101,328	733.5	420	3	179	22,330	665.0
10/1/2016	63	3,874	1,033	60	3,689	1,189	TBR	94,597	731.0	299	3	184	21,732	664.2
11/1/2016	63	3,749	507	60	3,570	631	TBR	88,685	728.6	159	3	179	21,248	663.5
12/1/2016	63	3,874	313	60	3,689	354	TBR	83,977	726.7	97	3	184	20,910	663.1
1/1/2017	63	3,874	313	60	3,689	354	TBR	79,621	724.8	97	3	184	20,629	662.7
<b>TOTALS:</b>		<b>45,736</b>	<b>12,261</b>		<b>43,558</b>	<b>14,724</b>	<b>2,649</b>			<b>3,478</b>		<b>2,178</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.