

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

COMMITTEE MEMBERS

David Hart, Chair
Ken Ekelund
Fred Ledesma
Mark Nielsen
David Pozzi
Mark Gonzalez

John Baillie
Benny Jefferson
Paavo Ogren
Tom Shepherd (Parks)
Tim Colvin (CalParks)

TIME: 1:30 pm
DATE: Thursday, December 5, 2013
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 NOVEMBER 7, 2013**
The Committee will consider approval of the minutes of the above-mentioned meeting (Attachment 1).

4. **REVIEW THE STATUS OF BOTH RESERVOIRS; AND, REVIEW RELEASES AND RELEASE SCHEDULE / DISCUSS POSSIBLE RELEASE OPTIONS**
Howard Franklin, Senior Water Resources Hydrologist / Program Manager will present a summary of current conditions at both reservoirs, as well as provide a synopsis of the release changes that have occurred since the last meeting (Attachments 2, 2a, 3, 3a, 4).

5. RECEIVE REPORT REGARDING OPERATIONS AND MAINTENANCE ACTIVITIES AT THE RESERVOIRS

Brent Buche, Assistant General Manager / Chief of Operations and Maintenance will present a verbal report discussing the various Operations and Maintenance activities at both reservoirs that have occurred over the last month.

6. RECEIVE REPORTS ON STATUS OF:

- A. LAKE RECREATION BY CONCESSIONAIRE & PARKS DEPARTMENT**
- B. EASEMENTS AND AGENCY LEASES**
- C. QUAGGA / ZEBRA MUSSEL PLAN**
- D. UPDATE ON SLO COUNTY ACTIVITIES**

7. SET NEXT MEETING DATE AND DISCUSS FUTURE AGENDA ITEMS

The Committee will discuss and determine details for its next meeting.

8. ADJOURNMENT

**MONTEREY COUNTY WATER RESOURCES AGENCY
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TIME: 1:30 p.m.
DATE: **Thursday, November 7, 2013**
PLACE: Monterey County Water Resources Agency
Board Room
893 Blanco Circle
Salinas, CA 93901
(831) 755-4860

MINUTES

1. CALL TO ORDER @ 1:32 p.m. by Chair David Hart.

Members present: David Hart, Ken Ekelund, Bill Caps (alternate for Mark Nielsen),
Mark Gonzales, John Baillie, Benny Jefferson, Paavo Ogren,
Tom Shepherd, Tim Colvin (CalParks)

Members absent: Fred Ledesma, David Pozzi

A quorum was established.

2. PUBLIC COMMENT

Jerry Reese, property owner at Running Deer Ranch at Nacimiento Lake, presented a proposal from Dragon Docks LLC, to build a private 10-slip dock at Running Deer Ranch. Dragon Docks LLC, a group of 10 property owners of Running Deer Ranch, is seeking approval from Agency Board of Directors.

Other public comments included the introduction of the new director of Monterey County Parks Department, Michael Ferry.

3. APPROVE THE MINUTES OF THE RESERVOIR OPERATIONS COMMITTEE HELD ON OCTOBER 3, 2013

Committee Action: On motion and second of Committee members John Baillie and Ken Ekelund, the Committee unanimously approved the minutes.

4. REVIEW THE STATUS OF BOTH RESERVOIRS; AND, REVIEW RELEASES AND RELEASE SCHEDULE / DISCUSS POSSIBLE RELEASE OPTIONS

Howard Franklin, Senior Water Resources Hydrologist/Program Manager, provided a status report. Both reservoirs are releasing at minimum fish flows. The flow in the Salinas River has dried back due to the reduction in flows. The Committee reviewed the past four seasons of water diversions from the Salinas River Diversion Facility. The Committee also reviewed reservoir elevations, inflows, and release projections for winter 2013-2014 for Nacimiento and San Antonio.

NACIMIENTO elevation is 730.90 feet and 94,400 acre-feet of storage, 25% of capacity, and current release is 60 cfs.

SAN ANTONIO elevation is 657.40 feet and 16,910 acre-feet of storage, 5% of capacity, and current release is 10 cfs.

5. RECEIVE REPORT REGARDING OPERATIONS AND MAINTENANCE ACTIVITIES AT THE RESERVOIRS

Brent Buche, Assistant General Manager and Chief of Operations and Maintenance, provided an update on operations and maintenance activities at the reservoirs. At San Antonio, staff conducted the annual performance evaluation with a consultant which involved a thorough inspection of the facilities. Staff is taking advantage of the low lake level at San Antonio to do additional maintenance.

The Agency has hired a recently-retired employee, Bernie Vicente, on a temporary basis, to assist with coverage on the weekends.

6. RECEIVE REPORTS ON STATUS OF:

A. LAKE RECREATION BY CONCESSIONAIRE & PARKS DEPARTMENT

Tom Shepherd, Monterey County Parks Department, provided a status report on lake recreation activities. At San Antonio staff moved various structures such as marinas, boat docks, house boats, and buoys as the lake level got lower during the summer. Water is still being pumped off the barge. The pipe has been extended 1000 feet. All launch ramps at San Antonio are closed due to the low lake levels and mussel inspections are no longer taking place. Camping is shut down at North Shore, but South Shore is still open to camping. The lake clean-up day at San Antonio was held in September and was successful. There have been problems with poaching occurring on Agency property at San Antonio. Staff is discussing plans in preparation for next year. Inspections are still being conducted at Nacimiento.

Tim Colvin, CalParks, reported on activities. There have been layoffs of a few employees recently. Inspections for quagga mussels are still being conducted for carry-in watercraft, such as kayaks and small fishing boats. The marina has been anchored off-shore for the winter and all the houseboats have been placed by the dam.

B. EASEMENTS AND AGENCY LEASES

Chris Keehn, Right-Of-Way Specialist, provided an update to the Committee. Most of the leases have experienced problems with trespassing and illegal hunting this year. Lease #3 is having many problems and the lessee has requested support from the Agency for solutions. All payments for this year have been received for the grazing leases at Nacimiento and San Antonio.

C. QUAGGA / ZEBRA MUSSEL PLAN

Elizabeth Krafft, Senior Hydrologist, provided an update. Agency staff participated in a conference call held recently that included staff from Dept. of Fish & Wildlife, County Parks, and counties of SLO, Santa Clara, and Lake Cachuma. Items discussed in the conference call included setting minimum standards for the programs, and eligibility for grants from the fees collected by the State Department of Boating and Waterways.

The Agency has received confirmation of New Zealand Mud Snails in the Nacimiento River. These are tiny in size but prolific and are usually found in wader boots, coolers, life jackets, and nets. There will be discussions about setting up a decontamination process. The Salinas River has also been sampled and the results have not been received yet. They have not been detected in the San Antonio River or Arroyo Seco River. Agency staff will continue to monitor both lakes.

D. UPDATE ON SLO COUNTY ACTIVITIES

Paavo Ogren provided an update on the urgency ordinance that was adopted by the SLO Board of Supervisors in August. This prohibits all new development in unincorporated areas of Paso Robles. Because the urgency ordinance was effective for 45 days, it was presented again for adoption for two years. Due to one vacancy on the Board, and one vote against, the ordinance did not pass. After a new member was appointed to fill the vacancy, the ordinance was presented again and passed.

7. SET NEXT MEETING DATE AND DISCUSS FUTURE AGENDA ITEMS

The next meeting is scheduled for Thursday, December 5, 2013 at 1:30 p.m. at the Agency.

8. ADJOURNMENT BY CHAIR DAVID HART @ 2:50 P.M.

SUBMITTED BY: TERESA CAMPA

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

MEETING DATE:	December 5, 2013	AGENDA ITEM:	
AGENDA TITLE:	RESERVOIR RELEASE UPDATE		
Consent ()		Action ()	
Information (X)			
SUBMITTED BY: PHONE:	Howard Franklin (831) 755-4860	PREPARED BY: PHONE:	Howard Franklin (831) 755-4860
DEADLINE FOR BOARD ACTION:	December 5, 2013		

RECOMMENDED BOARD ACTION:

None – item presented for informational purposes

PRIOR RELEVANT BOARD ACTION:

None – the Board of Directors receives monthly updates on the Agency’s reservoir status

DISCUSSION/ANALYSIS:

RESERVOIR ELEVATION / STORAGE: As of November 26, 2013 San Antonio Reservoir is at approximately 657.1 feet mean sea level (msl), 16,715 acre-feet of storage. Nacimiento Reservoir is at elevation 729.75 feet msl, 91,538 acre-feet of storage. San Antonio Reservoir is currently at 5% of storage capacity and Nacimiento Reservoir is at 24% of capacity.

RESERVOIR RELEASES: Diversions from the Salinas River Diversion Facility (SRDF) ended for the season on October 11th. The diversion dam was completely lowered on November 8th. Releases from both reservoirs are currently at minimum fisheries flow requirements

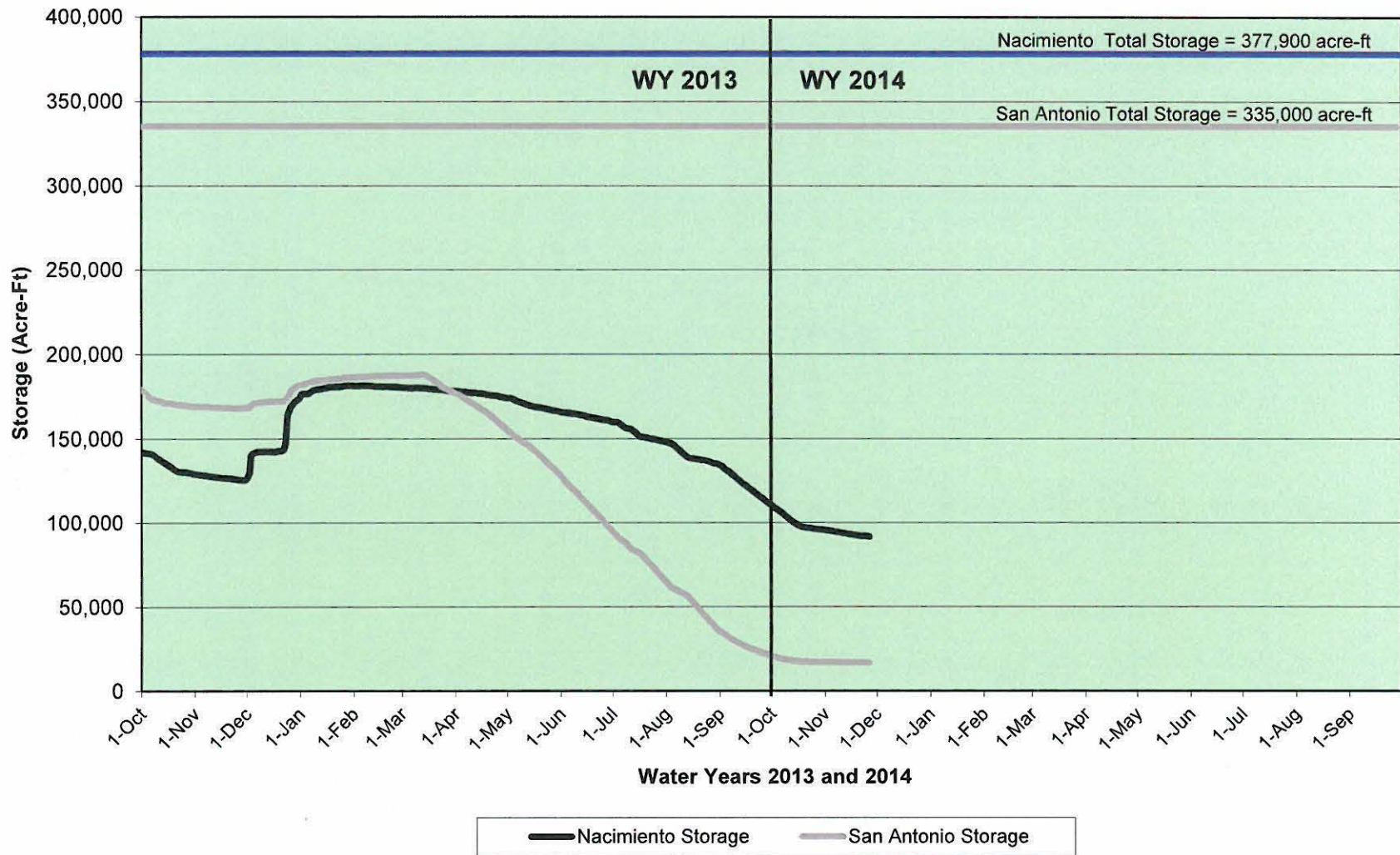
Releases as of November 7, 2013:

- Nacimiento Reservoir: 60 cfs
- San Antonio Reservoir: 10 cfs

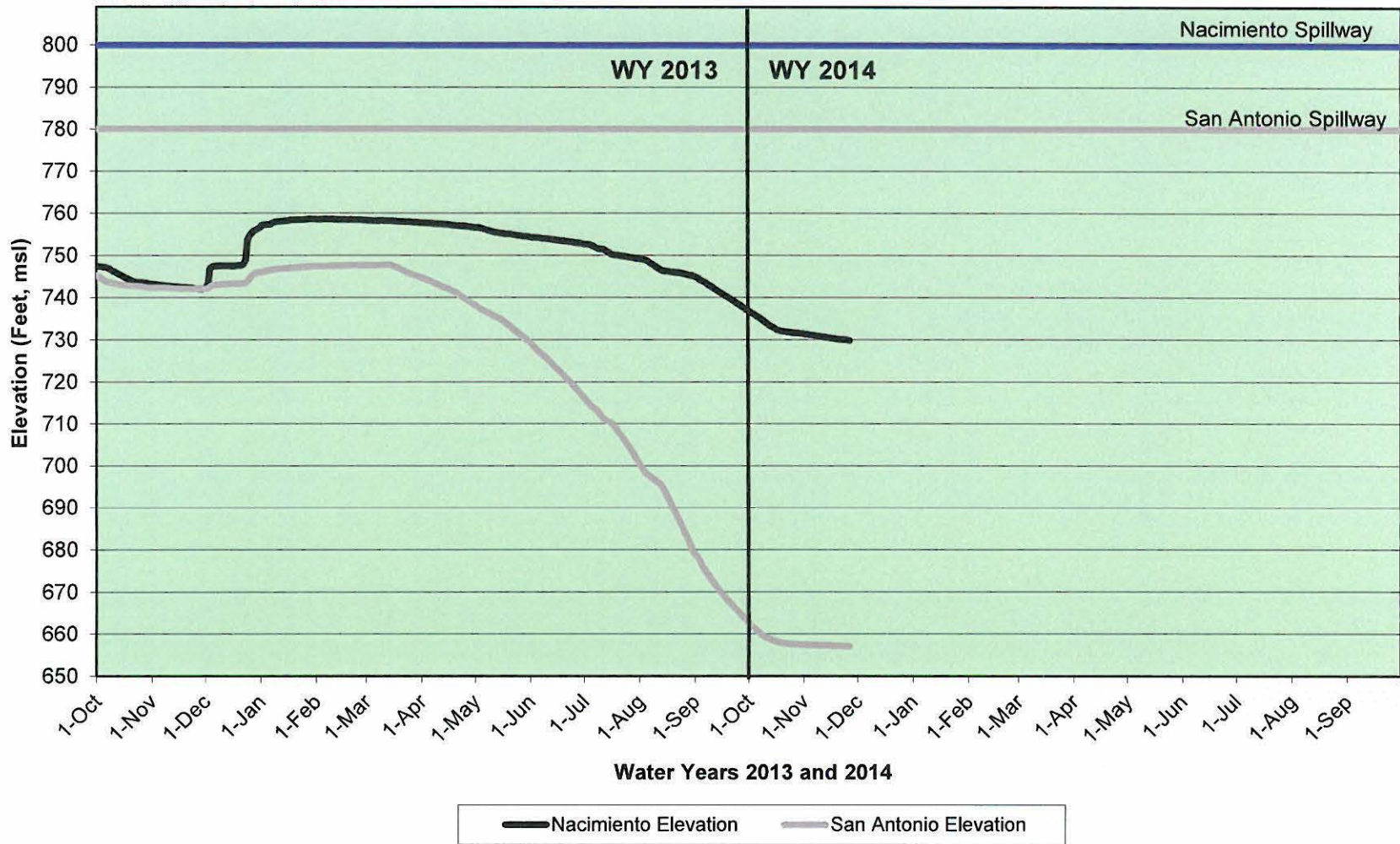
Total releases from both reservoirs to the Salinas River are approximately 70 cfs. The following “provisional” flows have been recorded by the USGS:

- Salinas River near Spreckels: 0 cfs
- Salinas River near Chualar: 0 cfs
- Salinas River near Soledad: 0 cfs
- Salinas River near Bradley: 70 cfs (steady)

Reservoir Storage



Reservoir Elevation



MONTEREY COUNTY WATER RESOURCES AGENCY

PROPOSED RELEASE SCHEDULE - Estimated Elevation/Storage/NWP Diversions; after November 1st

11/26/2013

RESERVOIR RELEASE SCHEDULE FOR 2013

	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)
1/1/2013	70	4,304	446	60	3,689	776	8	176,101	757.1	397	10	615	181,623	746.0
2/1/2013	72	3,999	579	62	3,443	1,037	0	181,225	758.5	431	10	555	186,445	747.3
3/1/2013	255	15,658	974	63	3,874	1,033	0	180,288	758.3	830	192	11,784	187,358	747.6
4/1/2013	436	25,934	1,200	62	3,679	1,133	0	178,087	757.7	1,284	374	22,255	176,675	744.6
5/1/2013	529	32,522	2,450	112	6,867	1,166	99	173,935	756.5	2,282	417	25,655	154,493	738.0
6/1/2013	601	35,763	2,930	49	2,916	1,258	561	165,632	754.2	2,388	552	32,847	127,265	728.9
7/1/2013	640	39,346	3,220	149	9,134	2,035	903	159,748	752.6	2,213	491	30,212	94,000	715.8
8/1/2013	668	41,060	2,860	180	11,062	2,094	956	147,720	749.1	1,410	488	29,998	63,800	700.0
9/1/2013	602	35,838	1,993	349	20,783	1,880	928	133,888	744.8	688	253	15,055	34,830	678.6
10/1/2013	278	17,094	1,265	214	13,159	1,240	528	109,788	736.7	337	64	3,935	20,475	662.5
11/1/2013	70	4,165	602	60	3,570	1,253	1,253	95,430	731.3	153	10	595	16,975	657.5
12/1/2013	70	4,304	378	60	3,689	844	844	90,005	729.1	92	10	615	16,356	656.6
1/1/2014	70	4,304	378	60	3,689	844	844	85,093	727.1	92	10	615	15,649	655.5
TOTALS:	259,988	18,898	18,898	85,866	15,750	6,081				12,505		174,122		

* 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:

- Nacimiento Reservoir storage capacity 377,900 acre feet.
- San Antonio Reservoir storage capacity 335,000 acre feet.
- Reservoir Operations Committee may make release considerations for fish spawn and holiday periods to benefit recreation.
- Shaded areas represent periods when elevations are influenced by inflow/runoff; releases may include flood control releases.
- Preliminary Schedule assumes no inflow to reservoirs after May 1st.
- "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)
- NACIMIENTO "NWP Diversions" do not include lakeside water use which is estimated at approximately 1,750 acre feet per year.