

County of Monterey

*Saffron Room
1441 Schilling Place 1st Floor,
Salinas Ca 93901*



Meeting Agenda

Thursday, November 30, 2023

1:30 PM

IN-PERSON MEETING

Water Resources Agency Reservoir Operations Advisory Committee

John Baillie, Chair

Ken Ekelund

Mark Gonzalez

Matthew Simis

Jon Anthony

Bill Lipe

Wes Thomson

Layla Decker

Richard Ortiz

Matthew Panziera

Vacancy (1)

Eric Morgan

Kevin Piearcy

Marc Kelley

Doug Scattini

Zach Barnes

Steve Blois

To participate in this Reservoir Operations Advisory Committee meeting through the following methods:

1. You may attend in person,
2. If you wish to comment on a particular agenda item, please submit your comments in writing via email to Monterey County Water Resources Agency at WRAPubliccomment@co.monterey.ca.us by 5:00 p.m. on the Wednesday prior to the Committee meeting. To assist Agency staff in identifying the agenda item to which the comment relates please indicate the Reservoir Operations Advisory Committee meeting date and agenda number in the subject line. Comments received by the 5:00 p.m. Wednesday deadline will be distributed to the Committee and will be placed in the record.
3. If you wish to make either a general public comment for items not on the day's agenda or to comment on a specific agenda item as it is being heard, please submit your comment, limited to 250 words or less, to the Monterey County Water Resources Agency at WRAPubliccomment@co.monterey.ca.us. In an effort to assist Agency staff in identifying the agenda item relating to your public comment please indicate in the subject line, the meeting body (i.e. Reservoir Operations Advisory Committee) and item number (i.e. Item No. 10). Every effort will be made to read your comment into the record, but some comments may not be read due to time limitations. Comments received after an agenda item will be made part of the record if received prior to the end of the meeting.
4. If speakers or other members of the public have documents they wish to distribute to the Committee for an agenda item, they are encouraged to submit such documents by 5:00 p.m. on Wednesday before the meeting to: WRAPubliccomment@co.monterey.ca.us. To assist Agency staff in identifying the agenda item to which the comment relates, the public is requested to indicate the Reservoir Operations Advisory Committee date and agenda number in the subject line.
5. If members of the public want to present documents/Power Point presentations while speaking, they should submit the document electronically by 5:00 p.m. on Wednesday before the meeting at WRAPubliccomment@co.monterey.ca.us. (If submitted after that deadline, staff will make best efforts, but cannot guarantee, to make it available to present during the Committee meeting.)
6. Individuals with disabilities who desire to request a reasonable accommodation or modification to observe or participate in the meeting may make such request by sending an email to WRAPubliccomment@co.monterey.ca.us. The request should be made no later than noon on the Wednesday prior to the Committee meeting in order to provide time for the Agency to address the request.
7. The Chair and/or Secretary may set reasonable rules as needed to conduct the meeting in an orderly manner.

Para participar en esta reunión del Comité Asesor de la Operación de Embalses a través de los siguientes métodos:

1. Podrá asistir personalmente a la reunión; o,
2. Si un miembro del público desea comentar sobre un artículo de la agenda en particular, se le es sumamente recomendable que envíe sus comentarios por escrito por correo electrónico a la Agencia de Administración de Recursos del Agua (Agencia) a WRAPubliccomment@co.monterey.ca.us antes de las 5:00 P. M. el Miércoles antes de la reunión del Comité. Para ayudar al personal de la Agencia a identificar el número del artículo de la agenda con el cual se relaciona el comentario, se solicita al público que indique la fecha de la reunión del Comité y el número del artículo de la agenda en la línea de asunto. Comentarios recibidos en la fecha límite del Miércoles a las 5 P.M, serán distribuidos al Comité y serán colocados en el registro.
3. Los miembros del público que deseen hacer un comentario público general para temas que no están en la agenda del día o que deseen comentar en un artículo específico mientras se escucha la presentación, lo pueden hacer enviando un comentario por correo electrónico, preferiblemente limitado a 250 palabras o menos, a WRAPubliccomment@co.monterey.ca.us. Para ayudar al personal de la Agencia a identificar el artículo de la agenda con el cual se relaciona el comentario, se solicita al público que indique el nombre del Comité (por ejemplo: Comité Asesor de la Operación de Embalses) y el número del artículo de la agenda (por ejemplo: Artículo # 10). Se hará todo lo posible para leer el comentario en el registro, pero algunos comentarios pueden no leerse en voz alta debido a limitaciones de tiempo. Los comentarios recibidos después del cierre del período de comentarios públicos sobre un artículo de la agenda serán parte del registro si se reciben antes que termine la reunión del Comité.
4. Si los oradores u otros miembros del público tienen documentos que desean distribuir al Comité para un artículo de la agenda, se les recomienda enviar dichos documentos antes de las 5:00 P.M. el Miércoles antes de la reunión a: WRAPubliccomment@co.monterey.ca.us. Para ayudar al personal de la Agencia a identificar el número del artículo de la agenda con el cual se relaciona el comentario, se solicita al público que indique la fecha de la reunión del Comité y el número de agenda en la línea de asunto.
5. Si los miembros del público desean presentar documentos o presentaciones de PowerPoint mientras hablan, deben enviar el documento electrónicamente antes de las 5:00 P.M. del Miércoles antes de la reunión a WRAPubliccomment@co.monterey.ca.us (Si se presenta después de ese plazo, el personal hará los mejores esfuerzos, pero no puede garantizar que esté disponible su PowerPoint para presentar durante la reunión del Comité).
6. Las personas con discapacidades que deseen solicitar una modificación o modificación razonable para observar o participar en la reunión pueden realizar dicha solicitud enviando un correo

electrónico a WRAPublicComment@co.monterey.ca.us. La solicitud debe hacerse a más tardar el mediodía del Miércoles antes de a la reunión del Comité para dar tiempo a la Agencia para que atienda la solicitud .

7. El Presidente y / o Secretario pueden establecer reglas razonables según sea necesario para llevar a cabo la reunión de manera ordenada.

Call to Order

Roll Call

Public Comment

Committee Member Comments

Consent Calendar

1. Approve the Minutes of the Reservoir Operations Advisory Committee meeting on October 26, 2023.

Attachments: [Draft ResOps Minutes October 26, 2023](#)

Staff Reports

2. Reservoir Storage, Releases, and Release Schedule Update.
(Staff Presenting: Peter Kwiek)

Attachments: [Reservoir Storage Release Update Report](#)
[Reservoir Storage Release PPT](#)

3. Current Operations and Maintenance Activities at the Reservoirs
(Staff Presenting: Jason Demers)

Status Reports

4.
 - Lake Recreation by Concessionaire and Parks Department
 - San Luis Obispo County Activities
 - National Marine Fisheries Service
 - Quagga Mussel Update

Calendar

5. Set next meeting date and discuss future agenda items.

Adjournment



County of Monterey

Item No.1

Board Report

Board of Supervisors
Chambers
168 W. Alisal St., 1st Floor
Salinas, CA 93901

Legistar File Number: WRARO 22-185

November 30, 2023

Introduced: 11/21/2023

Current Status: Draft

Version: 2

Matter Type: WRA ResOps Item

Approve the Minutes of the Reservoir Operations Advisory Committee meeting on October 26, 2023.

County of Monterey

*Heritage Ranch CSD's Conference Room
4870 Heritage Road
Paso Robles, CA 93446*



Meeting Minutes

Thursday, October 26, 2023

10:30 AM

IN-PERSON ONLY SPECIAL MEETING LOCATION:

**Heritage Ranch CSD's Conference Room 4870 Heritage Road
Paso Robles, Ca 93446**

Water Resources Agency Reservoir Operations Advisory Committee

*John Baillie, Chair
Ken Ekelund
Mark Gonzalez
Matthew Simis*

*Jon Anthony
Bill Lipe
Wes Thomson
Layla Decker
Richard Ortiz
Matthew Panziera*

*Eric Morgan
Kevin Piearcy
Marc Kelley
Doug Scattini
Zach Barnes
Steve Blois*

Call to Order

The meeting was called to order 10:33 a.m.

Roll Call

Present: John Baillie, Matthew Simis, Jon Anthony, Bill Lipe, Wes Thomson, Richard Ortiz, Kevin Pearcy (arrived at 10:34 a.m.), Marc Kelley, Doug Scattini, Alternate Chair: Chuck Larson
Absent: Ken Ekelund, Mark Gonzalez, Layla Decker, Matthew Panziera, Eric Morgan, Zach Barnes, Steve Blois

Public Comment

None

Committee Member Comments

Bill Lipe, Chuck Larson

Consent Calendar

Upon Motion by Matthew Simis, Second by Bill Lipe the Committee approved the Consent calendar of the Reservoir Operations Advisory Committee meeting.

Ayes: John Baillie, Matthew Simis, Jon Anthony, Bill Lipe, Wes Thomson, Richard Ortiz, Kevin Pearcy, Doug Scattini

Noes: None

Absent: Ken Ekelund, Mark Gonzalez, Layla Decker, Matthew Panziera, Eric Morgan, Zach Barnes, Steve Blois

1. Approve the Minutes of the Reservoir Operations Advisory Committee meeting on September 28, 2023.

Attachments: [Draft ResOps Minutes September 28, 2023](#)

Staff Reports

2. Reservoir Storage, Releases, and Release Schedule Update.
(Staff Presenting: Joey Klein)

Committee Member Comment: John Baillie, Bill Lipe, Chuck Larson

Public Comment: None

3. Current Operations and Maintenance Activities at the Reservoirs.
(Staff Presenting; Jason Demers)

Committee Member Comment: Doug Scattini

Public Comment: None

4. Drought Technical Advisory Committee (D-TAC)-Not Activated.
(Staff Presenting: Jason Demers)

Committee Member Comment: None
Public Comment: None

5. Ongoing Dam Safety and Engineering Projects at Nacimiento.
(Staff Presenting: Mark Foxworthy)

Committee Member Comment: Bill Lipe, Doug Scattini, Marc Kelley, Chuck Larson
Public Comment: Michael Campos

6. Ongoing Dam Safety and Engineering Projects at San Antonio.
(Staff Presenting: Elise Ramirez)

Committee Member Comment: John Baillie, Jon Anthony, Bill Lipe, Wes Thomson, Kevin Piearcy, Chuck Larson
Public Comment: Nate Merkle

Status Reports

Committee Member Comment: Jon Anthony, Richard Ortiz, Doug Scattini, Chuck Larson
Public Comment: None

7.
 - Lake Recreation by Concessionaire and Parks Department
 - San Luis Obispo County Activities
 - National Marine Fisheries Service
 - Quagga Mussel Update

Calendar

8. Set next meeting date and discuss future agenda items.

Adjournment

The meeting adjourned at 11:40 a.m.



County of Monterey

Item No.2

Board Report

Board of Supervisors
Chambers
168 W. Alisal St., 1st Floor
Salinas, CA 93901

Legistar File Number: WRARO 22-186

November 30, 2023

Introduced: 11/21/2023

Current Status: Draft

Version: 1

Matter Type: WRA ResOps Item

Reservoir Storage, Releases, and Release Schedule Update.
(Staff Presenting: Peter Kwiek)

Reservoir Storage & Release Update

SUMMARY/DISCUSSION:

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

RESERVOIR ELEVATION / STORAGE: As of November 21, 2023, San Antonio Reservoir has a water surface elevation of approximately 754.9 feet (NGVD 29), with 215,155 acre-feet of water in storage. Nacimiento Reservoir has a water surface elevation of approximately 766.35 feet, with 212,085 acre-feet of water in storage. San Antonio Reservoir is currently at 64% of storage capacity and Nacimiento Reservoir is at 56% of capacity.

RESERVOIR RELEASES: Conservation releases from Nacimiento Reservoir and pumping at the Salinas River Diversion Facility (SRDF) began in early May. Releases were then gradually increased until and through August to provide for aquifer recharge and to meet SRDF demands. Releases were gradually reduced from September 5 due to decreased losses in the river. On October 27, conservation releases ceased, and minimum fisheries releases continued from both reservoirs.

RECENT RAINFALL: Recent rainfall through the region was not sufficient to generate any new streamflow or inflow to the reservoirs.

The Salinas Lagoon closed to the ocean on September 22.

Releases as of November 21, 2023:

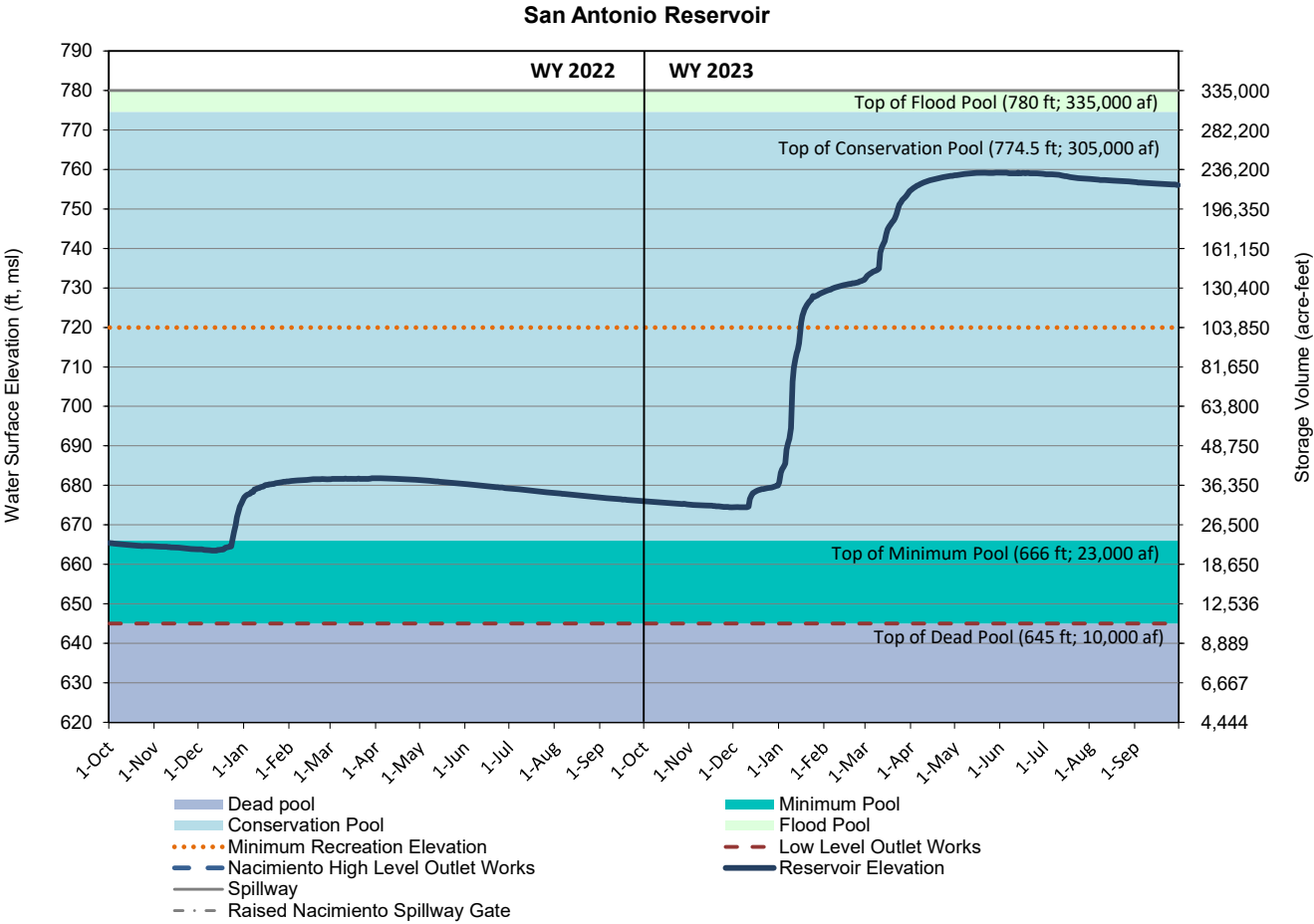
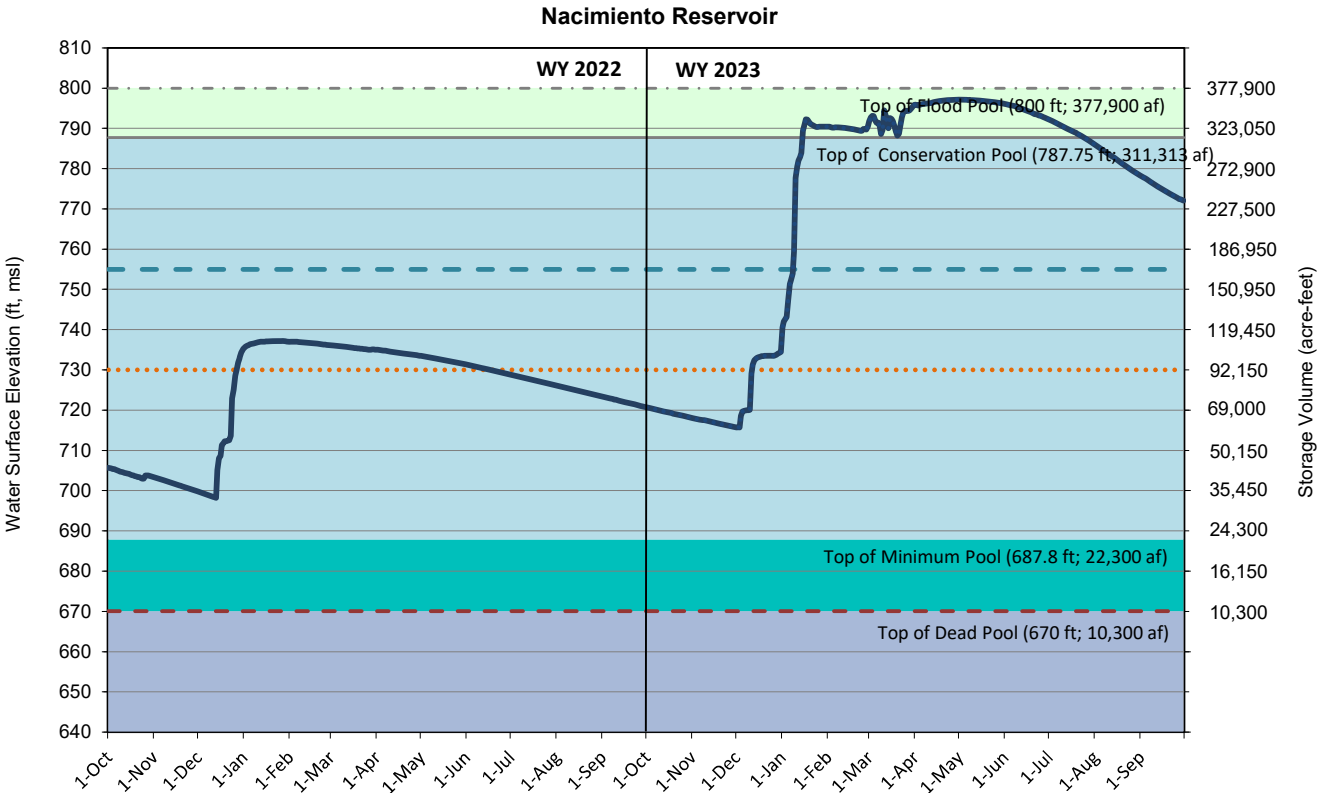
- Nacimiento Reservoir: 60 cfs
- San Antonio Reservoir: 10 cfs

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 Bradley: 82 cfs
- Salinas River at Soledad: 39 cfs
- Salinas River near Chualar: 0 cfs
- Salinas River near Spreckels: 0 cfs

Prepared by: Joseph Klein, Hydrologist (831) 755-4860

Reservoir Elevation and Storage



RESERVOIR RELEASE SCHEDULE FOR 2023

	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16
Month	Combined Releases (cfs) ¹	Combined Releases (ac-ft)	NACIMIENTO							SAN ANTONIO						
			Evap. Losses (ac-ft)	Reservoir Releases (cfs) ¹	Reservoir Releases (ac-ft)	NWP Orders (ac-ft)	NWP Diversions (ac-ft)	Beginning of Month Storage		Elev. (ft)	Evap. Losses (ac-ft)	Reservoir Releases (cfs) ¹	Reservoir Releases (ac-ft)	Beginning of Month Storage		Elev. (ft)
Jan	806	49,534	628	796	48,919	499	136	120,800	32%	740.5	310	10	615	37,155	11%	680.7
Feb	427	24,535	542	417	23,960	696	80	324,905	86%	790.4	333	10	575	127,550	38%	729.0
Mar	3,082	189,523	964	3,072	188,909	937	97	337,445	89%	792.7	728	10	615	139,050	42%	733.0
Apr	262	15,586	1,430	252	14,990	910	122	353,938	94%	795.8	1,003	10	595	215,950	64%	755.1
May	170	10,456	1,882	160	9,841	1,493	129	361,415	96%	797.1	1,334	10	615	229,640	69%	758.5
Jun	365	21,696	2,595	335	19,932	1,966	140	355,028	94%	796.0	2,026	30	1,763	232,588	69%	759.2
Jul	521	32,024	3,589	468	28,751	2,043	154	333,433	88%	792.0	2,676	53	3,273	230,900	69%	758.8
Aug	552	33,941	3,012	540	33,230	2,043	204	300,650	80%	785.7	2,526	12	711	225,700	67%	757.5
Sep	466	27,713	2,518	442	26,305	2,000	342	263,218	70%	778.0	2,165	24	1,408	222,420	66%	756.7
Oct	327	20,115	1,705	276	16,971	1,536	311	234,895	62%	771.7	1,551	51	3,144	218,950	65%	755.9
Nov	70	4,165	870	60	3,570	1,123		214,960	57%	767.1	811	10	595	215,155	64%	754.9
Dec	70	4,304	540	60	3,689	504		210,132	56%	765.9	506	10	615	214,706	64%	754.8
Jan 2023								205,552	54%	764.7				213,621	64%	754.5
Totals		433,591	20,275		419,067	15,750	1,715				15,971		14,524			

Draft Date: 11/21/23

Notes:

1. Mean daily flow for the month in cubic feet per second.
2. Shaded areas denote actual values. Non-shaded areas are projected values.
3. Nacimiento Reservoir storage capacity: 377,900 acre feet; San Antonio Reservoir storage capacity: 335,000 acre feet.
4. Proposed schedule meets Agency annual water withdrawal limits required by State Water Board appropriative water rights for the Nacimiento and San Antonio Rivers.
5. Reservoir Operations Advisory Committee may make release considerations for holiday periods to benefit recreation.
6. Original approved schedule assumed no inflow to reservoirs after May 1st. Elevations will be influenced by actual inflow amounts.
7. "NWP Diversions" are San Luis Obispo County - Nacimiento Water Project conveyance facilities diversions. Max. allowable water year (Oct. 1 - Sept. 30) diversions: 15,750 ac-ft.
8. Nacimiento "NWP Diversions" do not include lakeside water use which is estimated at approximately 1,750 acre feet per year.



Synopsis of Reservoir Release Changes Since May 2, 2023

[illegible]

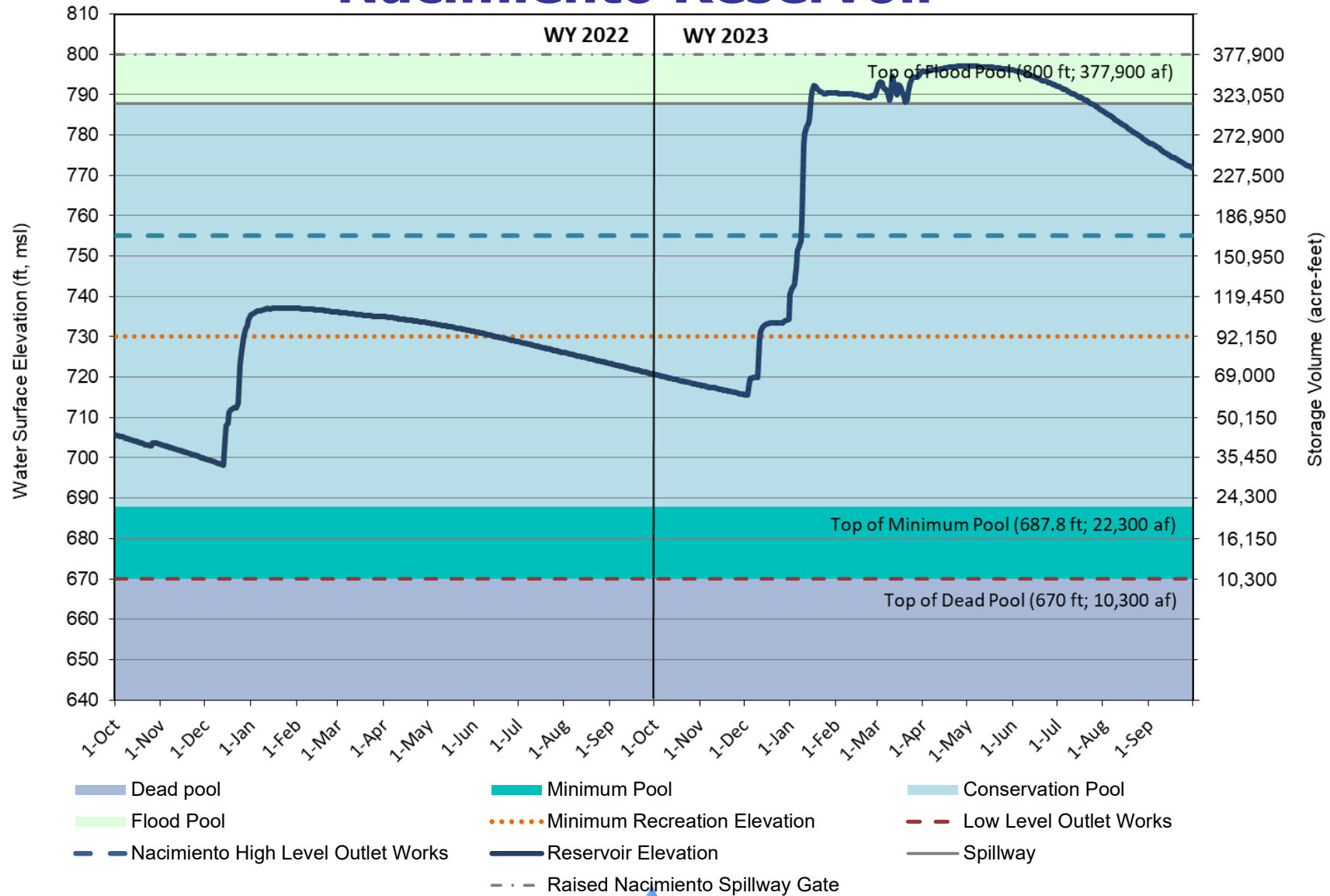


Current Reservoir Conditions (11/21/23)

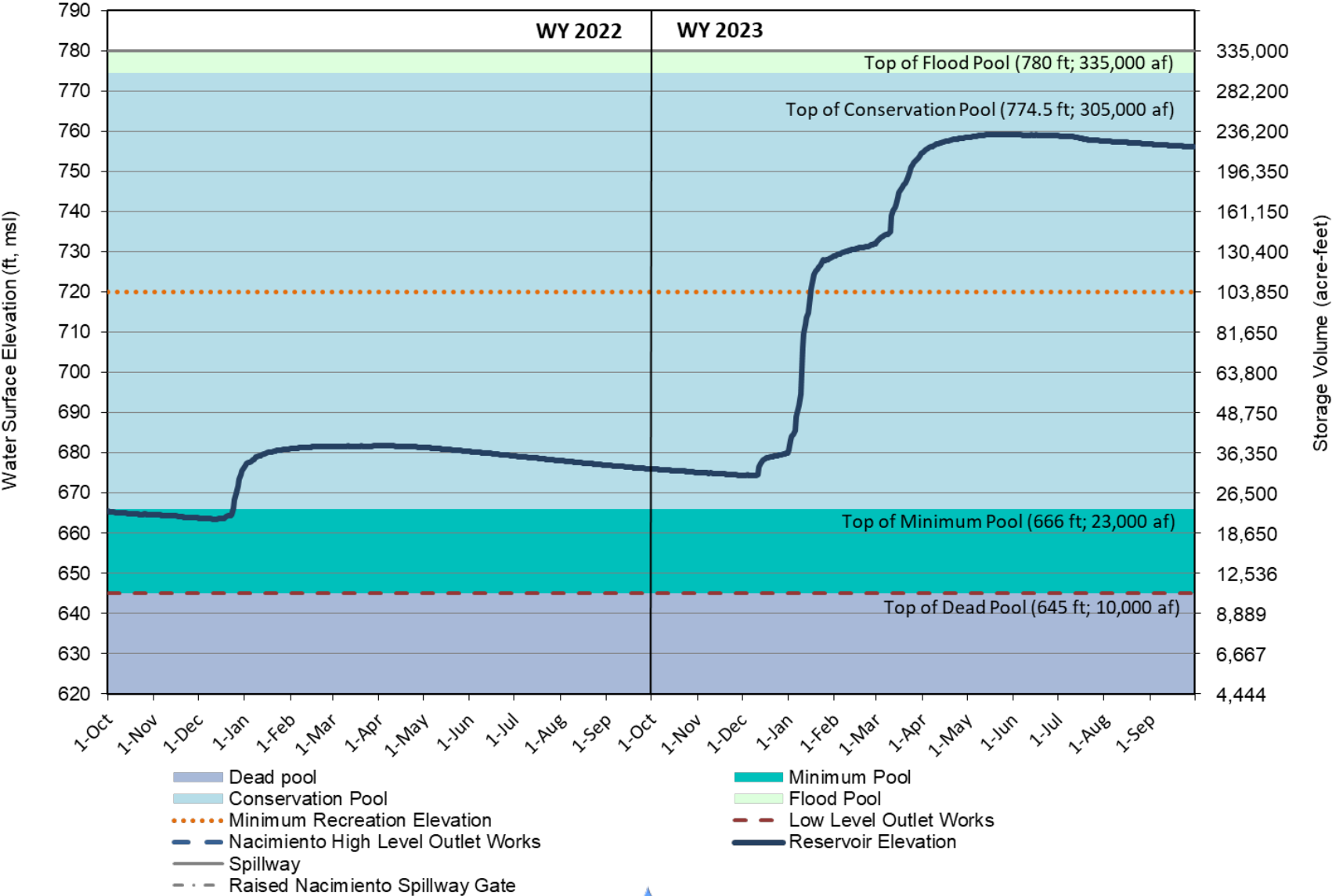
	Nacimiento	San Antonio
Percentage of Capacity	56%	64%
Elevation (ft.)	766.35	754.9
Storage (ac-ft)	212,085	215,155
Releases (cfs)	60	10



Nacimientto Reservoir



San Antonio Reservoir



Synopsis of Reservoir Release Changes

Since May 2, 2023

	San Antonio Reservoir		Nacimiento Reservoir		
Date	Starting Flow	Ending Flow	Starting Flow	Ending Flow	Total Releases
May 2, 2023	10	10	60	160	170
May 3, 2023	10	10	160	245	255
May 5, 2023	10	10	245	200	210
May 9, 2023	10	10	200	110	120
May 10, 2023	10	10	110	130	140
May 26, 2023	10	10	130	190	200
May 30, 2023	10	10	190	250	260
June 2, 2023	10	50	250	250	300
June 5, 2023	50	175	250	175	350
June 7, 2023	175	10	175	360	370
June 30, 2023	10	10	360	415	425
July 6, 2023	10	10	415	470	480
July 7, 2023	10	35	470	470	505
July 10, 2023	35	80	470	420	500
July 11, 2023	80	125	420	420	545
July 21, 2023	125	10	420	550	560
August 3, 2023	10	200	550	360	560
August 3, 2023	200	10	360	550	560
August 24, 2023	10	10	550	510	520
August 30, 2023	10	10	510	485	495
September 1, 2023	10	75	485	410	485
September 5, 2023	75	10	410	505	515
September 12, 2023	10	10	505	480	490
September 18, 2023	10	10	480	430	440
September 27, 2023	10	85	430	320	405
October 11, 2023	10	60	320	320	380
October 17, 2023	60	35	320	320	355
October 23, 2023	35	10	320	320	330
October 25, 2023	10	10	320	245	255
October 27, 2023	10	10	245	60	70

Salinas River Flow (cfs)

11/20/2023

Lagoon:
Closed
since 9/22

Spreckels

0

Chualar

0

Soledad

39

Bradley

82

San Antonio

10

Nacimiento

60



2023 Reservoir Release Schedule

Adopted

Month	Combined Releases (cfs)	Nacimienta Releases (cfs)	San Antonio Releases (cfs)	Nacimienta Elevation (ft)	San Antonio Elevation (ft)
Jan	806	796	10	740.5	680.7
Feb	427	417	10	790.4	729.0
Mar	3,082	3,072	10	792.7	733.0
Apr	257	247	10	795.6	755.1
May	168	147	22	796.6	757.7
Jun	375	358	17	794.2	756.9
Jul	579	544	36	789.2	755.9
Aug	660	611	49	781.3	754.8
Sep	610	95	515	772.2	753.2
Oct	292	60	232	770.0	744.3
Nov	70	60	10	768.4	739.9
Dec	70	60	10	767.1	739.6
Jan				766.0	739.2

Updated

Month	Combined Releases (cfs)	Nacimienta Releases (cfs)	San Antonio Releases (cfs)	Nacimienta Elevation (ft)	San Antonio Elevation (ft)
Jan	806	796	10	740.5	680.7
Feb	427	417	10	790.4	729.0
Mar	3,082	3,072	10	792.7	733.0
Apr	262	252	10	795.8	755.1
May	170	160	10	797.1	758.5
Jun	365	335	30	796.0	759.2
Jul	521	468	53	792.0	758.8
Aug	552	540	12	785.7	757.5
Sep	466	442	24	778.0	756.7
Oct	327	276	51	771.7	755.9
Nov	70	60	10	767.1	754.9
Dec	70	60	10	765.9	754.8
Jan				764.7	754.5

Note: Table on left shows the Reservoir Release Schedule approved at the April 17, 2023 Board of Directors meeting. Table on the right is current as of November 21, 2023. Bold text indicates actual values. The approved Reservoir Release Schedule includes estimated monthly release values to meet the goals of dam safety, flood protection, groundwater recharge, operation of the SRDF, water supply, fish migration, fish habitat requirements, agriculture, and recreation while complying with water rights, permits, and existing agreements. Salinas River conditions are dynamic, and the reservoir releases required to meet downstream goals can vary based on watershed and climatic conditions. The Release Schedule is updated throughout the year with actual releases and updated estimates to reflect these changing conditions.







County of Monterey

Item No.3

Board Report

Board of Supervisors
Chambers
168 W. Alisal St., 1st Floor
Salinas, CA 93901

Legistar File Number: WRARO 22-189

November 30, 2023

Introduced: 11/21/2023

Current Status: Draft

Version: 1

Matter Type: WRA ResOps Item

Current Operations and Maintenance Activities at the Reservoirs
(Staff Presenting: Jason Demers)



County of Monterey

Item No.4

Board Report

Board of Supervisors
Chambers
168 W. Alisal St., 1st Floor
Salinas, CA 93901

Legistar File Number: WRARO 22-190

November 30, 2023

Introduced: 11/21/2023

Current Status: Draft

Version: 1

Matter Type: WRA ResOps Item

- Lake Recreation by Concessionaire and Parks Department
- San Luis Obispo County Activities
- National Marine Fisheries Service
- Quagga Mussel Update



County of Monterey

Item No.5

Board Report

Board of Supervisors
Chambers
168 W. Alisal St., 1st Floor
Salinas, CA 93901

Legistar File Number: WRARO 22-191

November 30, 2023

Introduced: 11/21/2023

Current Status: Draft

Version: 1

Matter Type: WRA ResOps Item

Set next meeting date and discuss future agenda items.