

County of Monterey

*Saffron Room
1441 Schillings Place
Salinas, Ca 93901*



Meeting Agenda

Thursday, June 26, 2025

1:30 PM

REVISED AGENDA - ADDENDUM/SUPPLEMENTAL

SLO: Old Courthouse RM 207 976 Osos St. San Luis Obispo Ca.

L. Decker remote from Administrative Conference Room

10625 Lake Nacimiento Rd. Bradley Ca. 93426

Water Resources Agency Reservoir Operations

Advisory Committee

Ken Ekelund, Chair

Mark Gonzalez

Jon Anthony

Bill Lipe

Anna McKenna

Layla Decker

Richard Ortiz

Steve Blois

Matthew Simis

Dennis Lebow

Patrick Breen

Marc Kelley

Doug Scattini

Zachary Barnes

John Baillie

To participate in this Reservoir Operations Advisory Committee meeting, the public is invited to observe and address the Committee telephonically or electronically. Instructions for public participation are below:

1. For ZOOM participation please join by computer audio at:

<https://montereycty.zoom.us/j/92085702216>

OR to participate by phone call any of these numbers below:

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+1 346 248 7799 US (Houston)

+1 312 626 6799 US (Chicago)

+1 929 205 6099 US (New York)

+1 253 215 8782 US

+1 301 715 8592 US

Enter this Meeting ID number: 920 8570 2216 PASSWORD 877574 when prompted. Please note there is no Participant Code, you will just hit # again after the recording prompts you.

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to end of meeting.

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8. 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, el público están invitados a observar y dirigirse al Comité telefónicamente o por vía electrónica. Las instrucciones para la participación pública están a continuación:

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4. 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@countyofmonterey.gov. 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.

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8. 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 Action Minutes of the Reservoir Advisory Committee Meeting held on May 29, 2025.

Attachments: [Draft ResOps Minutes May 29, 2025](#)

Staff Reports

2. Reservoir Storage and Release Schedule Update Report. (Staff Presenting: Joseph Klein)

Attachments: [Reservoir Storage Release Update Report](#)
[ResOps Slides 20250618](#)

3. Update on San Antonio Spillway Project. (Staff Presenting: Elise Harden)

4. Update on the San Antonio Low Level Outlet Works Penstock Recoating Project. (Staff Presenting: Elise Harden)

5. Current Operations and Maintenance Activities at the Reservoirs. (Staff Presenting: Peter Kwick)

Status Reports

6.
 - Reservoir Recreation by Concessionaire and Parks Department
 - County of San Luis Obispo Activities
 - Invasive Mussel Update

Calendar

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

Adjournment

8. Water Resources Agency Reservoir Operations Advisory Committee
Addenda/Revisions to Staff Reports on June 26, 2025:

1. Update on Dam Safety and Operations Future Funding Strategy. (Staff Presenting:
Ara Azhderian & Amy Woodrow)

Attachments: [Overview HBAUpdate Draft Engineers Report 20250623](#)



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 25-041

June 26, 2025

Introduced: 6/6/2025

Current Status: Agenda Ready

Version: 1

Matter Type: WRA ResOps Item

Approve the Action Minutes of the Reservoir Advisory Committee Meeting held on May 29, 2025.

County of Monterey

*Cayenne Room
1441 Schillings Place
Salinas, Ca 93901*



Meeting Minutes

Thursday, May 29, 2025

1:30 PM

Location: CAYENNE ROOM 1441 Schilling Place Salinas Ca. 93901

**Layla Decker remotely from Administrative Conference Room 1065 Lake
Nacimiento Rd. Bradley Ca. 93426**

Water Resources Agency Reservoir Operations Advisory Committee

Ken Ekelund , Chair

<i>Mark Gonzalez</i>	<i>Matthew Simis</i>
<i>Jon Anthony</i>	<i>Dennis Lebow</i>
<i>Bill Lipe</i>	<i>Patrick Breen</i>
<i>Anna McKenna</i>	<i>Marc Kelley</i>
<i>Layla Decker</i>	<i>Doug Scattini</i>
<i>Richard Ortiz</i>	<i>Zachary Barnes</i>
<i>Steve Blois</i>	<i>John Baillie</i>

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

Call to Order

The meeting was called to order at 1:31 pm.

Roll Call

Present: Ken Ekelund, Jon Anthony, Bill Lipe, Layla Decker, Richard Ortiz, Steve Blois, Matthew Simis, Patrick Breen, Marc Kelley, John Baillie

Absent: Mark Gonzalez, Anna McKenna, Dennis Lebow, Doug Scattini, Zachary Barnes

Public Comment

None

Committee Member Comments

None

Consent Calendar

1. Approve the Minutes of the Reservoir Operations Advisory Committee Meeting held on April 24, 2025.

Attachments: [Draft ResOps Minutes April 24, 2025](#)

Upon Motion of Matthew Simis, Second by John Baillie the Committee approved the Consent Calendar of the Reservoir Operations Advisory Committee Meeting.

Ayes: John Baillie, Matt Simis, Marc Kelley, Steve Blois, Ken Ekelund, Richard Ortiz, Layla Decker, Patrick Breen, Bill Lipe, Jon Anthony,

Noes: None

Absent: Anna McKenna, Doug Scattini, Zachary Barnes, Mark Gonzalez, Dennis Lebow

Abstained: None

Public Comment: None

Staff Reports

2. Update on Committee Appointments. (Staff Presenting: Jason Demers)

Committee Member Comments: None

Public Comments: None

3. Update on Golden Mussel Prevention Activities at Nacimiento and San Antonio Reservoirs. (Staff Presenting: Amy Woodrow)

Committee Member Comments: Ken Ekelund, Steve Blois, Jon Anthony, Bill Lipe

Public Comments: None

4. Reservoir Storage and release Schedule Update. (Staff Presenting: Joseph Klein)

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

[ResOps Slides 20250521](#)

Committee Member Comments: Bill Lipe, John Baillie, Richard Ortiz

Public Comments: None

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

Committee Member Comments: John Baillie, Steve Blois

Public Comments: None

Status Reports

Committee Member Comments: John Baillie, Ken Ekelund

Public Comments: None

- 6.
- Reservoir Recreation by Concessionaire and Parks Department
 - County of San Luis Obispo Activities
 - National Marine Fisheries Service
 - Invasive Mussel Update

Calendar

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

Adjournment

The meeting was adjourned at 2:35 pm.



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 25-042

June 26, 2025

Introduced: 6/18/2025

Current Status: Agenda Ready

Version: 1

Matter Type: WRA ResOps Item

Reservoir Storage and Release Schedule Update Report. (Staff Presenting: Joseph Klein)

Reservoir Storage & Release Update

SUMMARY/DISCUSSION:

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

RESERVOIR ELEVATION / STORAGE: As of June 18, 2025, San Antonio Reservoir has a water surface elevation of approximately 758.4 feet (NGVD 29), with 229,430 acre-feet of water in storage. Nacimiento Reservoir has a water surface elevation of approximately 765.45 feet, with 208,450 acre-feet of water in storage. San Antonio Reservoir is currently at 68% of storage capacity and Nacimiento Reservoir is at 55% of capacity.

RAINFALL: There has been no recent precipitation and there is currently no inflow to the reservoirs.

SALINAS RIVER LAGOON: The Agency facilitated a breach of the lagoon to alleviate localized flooding in accordance with the Agency's Sandbar Management Plan on Saturday, February 15th, 2025. The lagoon began to close on Wednesday, May 14, 2025, and was confirmed closed by agency staff on Friday, May 16, 2025. Agency staff cleaned debris and sand from the Old Salinas River approach and slide gate on Tuesday, May 20, 2025.

RESERVOIR RELEASES: Releases are being made from both reservoirs for beneficial uses including groundwater recharge, operation of the Salinas River Diversion Facility, and to provide for required bypass flow to the Salinas Lagoon. Approximate releases as of June 18, 2025:

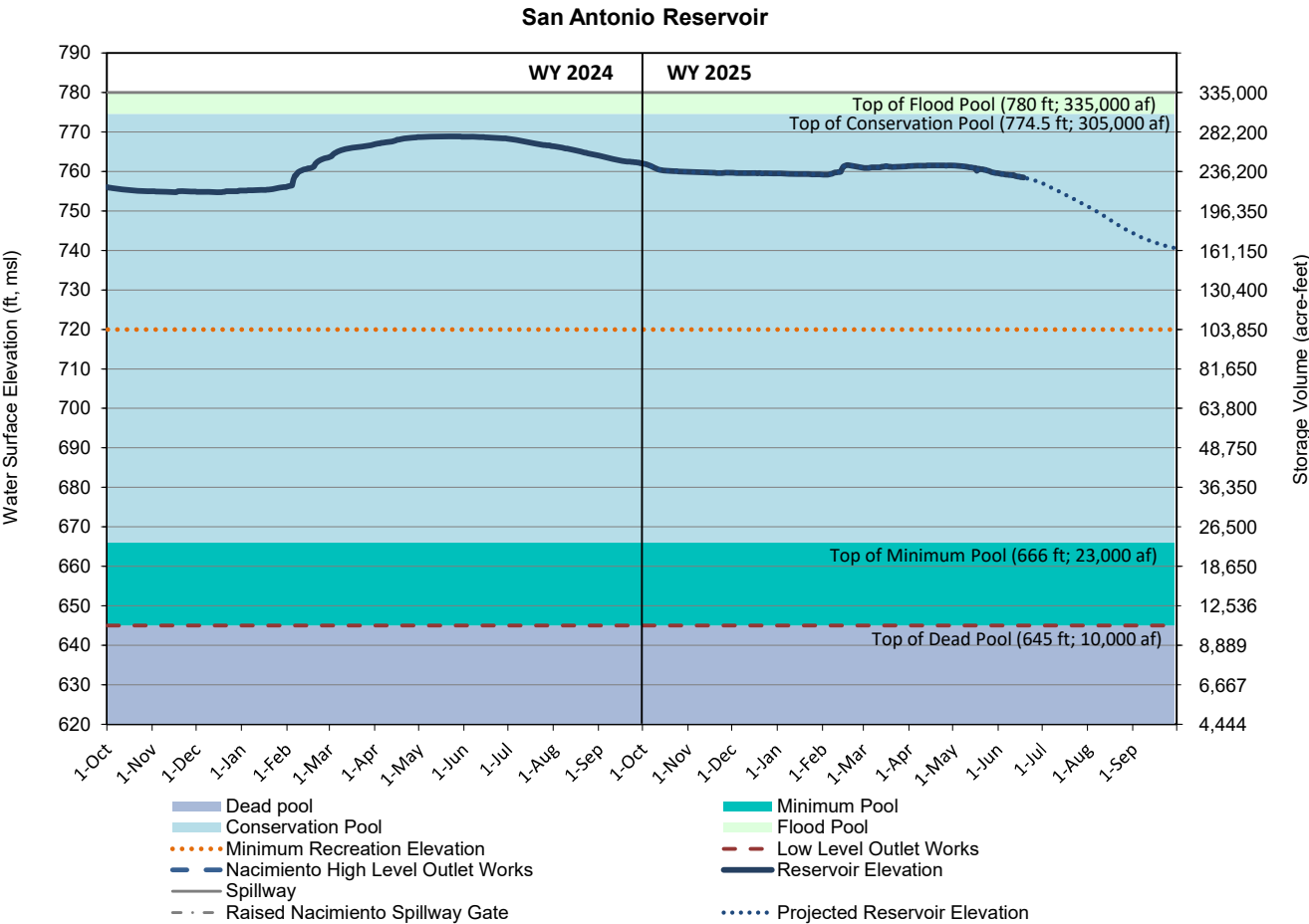
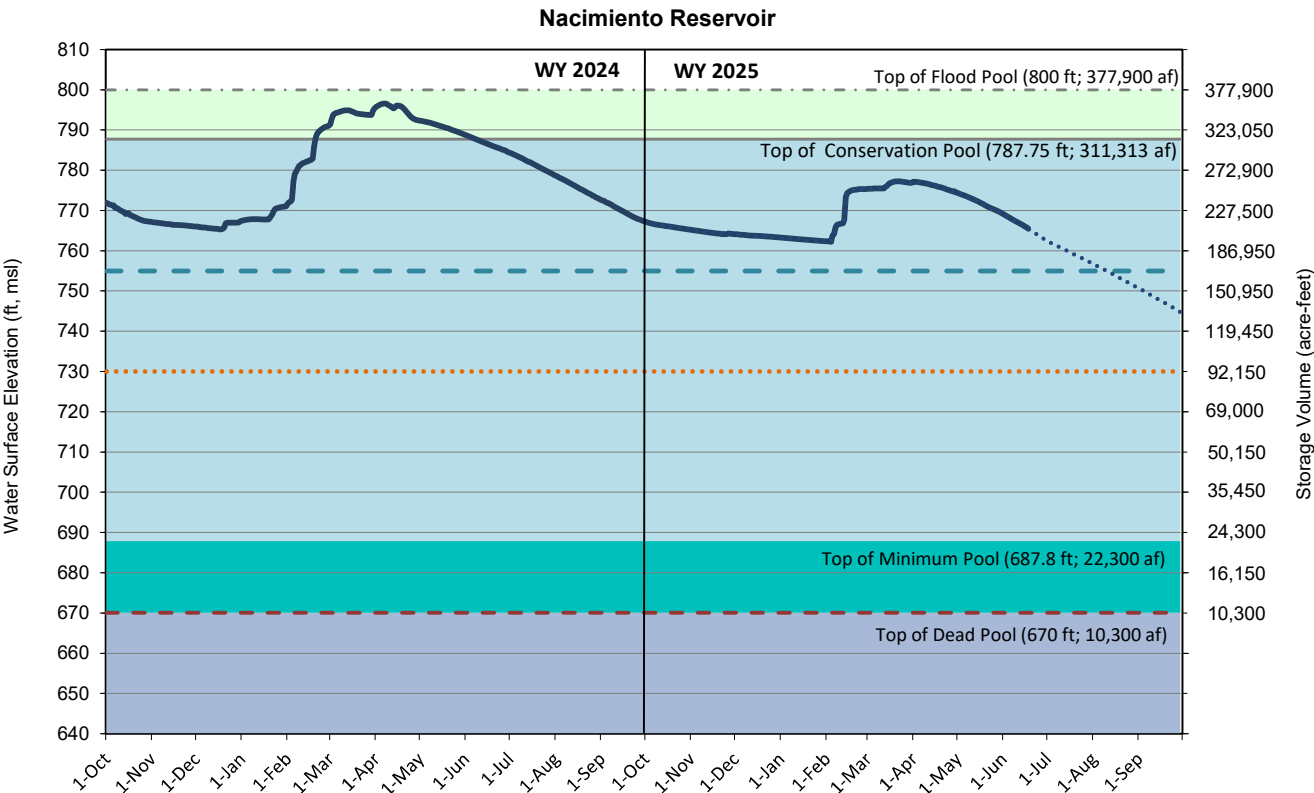
- Nacimiento Reservoir: 400 cfs
- San Antonio Reservoir: 115 cfs

Total releases from both reservoirs to the Salinas River are approximately 515 cfs. The following "provisional" flows have been recorded by the USGS:

- Nacimiento River below Nacimiento Dam 391 cfs
- Salinas River near Bradley: 520 cfs
- Salinas River at Soledad: 198 cfs
- Salinas River near Chualar: 103 cfs
- Salinas River near Spreckels: 42 cfs

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

Reservoir Elevation and Storage



RESERVOIR RELEASE SCHEDULE FOR 2025

	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	73	4,487	554	63	3,872	600	126	199,548	53%	763.2	640	10	615	233,863	70%	759.5
Feb	172	9,894	486	60	3,466	553	97	196,183	52%	762.4	510	112	6,428	232,588	69%	759.2
Mar	203	12,498	992	144	8,884	696	121	251,160	66%	775.4	949	59	3,614	239,640	72%	760.8
Apr	288	17,108	1,384	278	16,513	677	117	259,265	69%	777.1	1,374	10	595	241,820	72%	761.3
May	469	28,862	1,918	352	21,666	1,616	123	245,725	65%	774.2	1,971	117	7,196	242,260	72%	761.4
Jun	534	31,786	2,480	397	23,627	2,129		222,563	59%	768.9	2,697	137	8,158	233,438	70%	759.4
Jul	600	36,893	2,478	270	16,602	2,188		195,367	52%	762.1	2,711	330	20,291	222,382	66%	756.7
Aug	638	39,234	2,205	275	16,899	2,188		173,982	46%	756.5	2,306	363	22,334	199,380	60%	750.8
Sep	470	27,967	1,693	279	16,622	2,144		152,600	40%	750.5	1,777	191	11,346	174,814	52%	744.0
Oct	220	13,527	1,124	158	9,719	1,369		132,047	35%	744.1	1,220	62	3,808	162,036	48%	740.3
Nov	70	4,165	566	60	3,570	996		120,227	32%	740.3	638	10	595	157,236	47%	738.8
Dec	70	4,304	346	60	3,689	594		115,082	30%	738.5	412	10	615	156,010	47%	738.4
Jan 2026								110,576	29%	736.9				155,016	46%	738.1
Totals		230,725	16,224		145,129	15,750	585				17,205		85,595			

Draft Date: 6/18/2025

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. Reservoir Operations Advisory Committee may make release considerations for holiday periods to benefit recreation.
5. Schedule assumes no additional storm events that provide inflow to reservoirs. Actual elevations and or releases may be influenced by inflow.
6. "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.
7. 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 October 10, 2024

	San Antonio Reservoir		Naciminto Reservoir		
Date	Starting Flow	Ending Flow	Starting Flow	Ending Flow	Total Releases
October 10, 2024	340	300	110	110	410
October 11, 2024	300	220	110	60	280
October 14, 2024	220	10	60	60	70
February 17, 2025	10	300	60	60	360
February 21, 2025	300	270	60	60	330
February 24, 2025	270	240	60	60	300
February 26, 2025	240	200	60	60	260
February 28, 2025	200	130	60	60	190
March 1, 2025	130	90	60	60	150
March 2, 2025	90	50	60	60	110
March 3, 2025	50	10	60	60	70
March 16, 2025	10	300	60	60	360
March 18, 2025	300	260	60	255	515
March 19, 2025	260	215	255	255	470
March 20, 2025	215	115	255	255	370
March 21, 2025	115	50	255	255	305
March 24, 2025	50	10	255	255	265
March 27, 2025	10	10	255	220	230
March 28, 2025	10	10	220	260	270
April 22, 2025	10	10	260	300	310
May 2, 2025	10	50	300	300	350
May 6, 2025	50	90	300	300	390
May 9, 2025	90	90	300	360	450
May 15, 2025	90	130	360	360	490
May 16, 2025	130	130	360	400	530
May 23, 2025	130	260	400	270	530
May 27, 2025	260	100	270	400	500
June 3, 2025	100	75	400	400	475
June 12, 2025	75	115	400	400	515



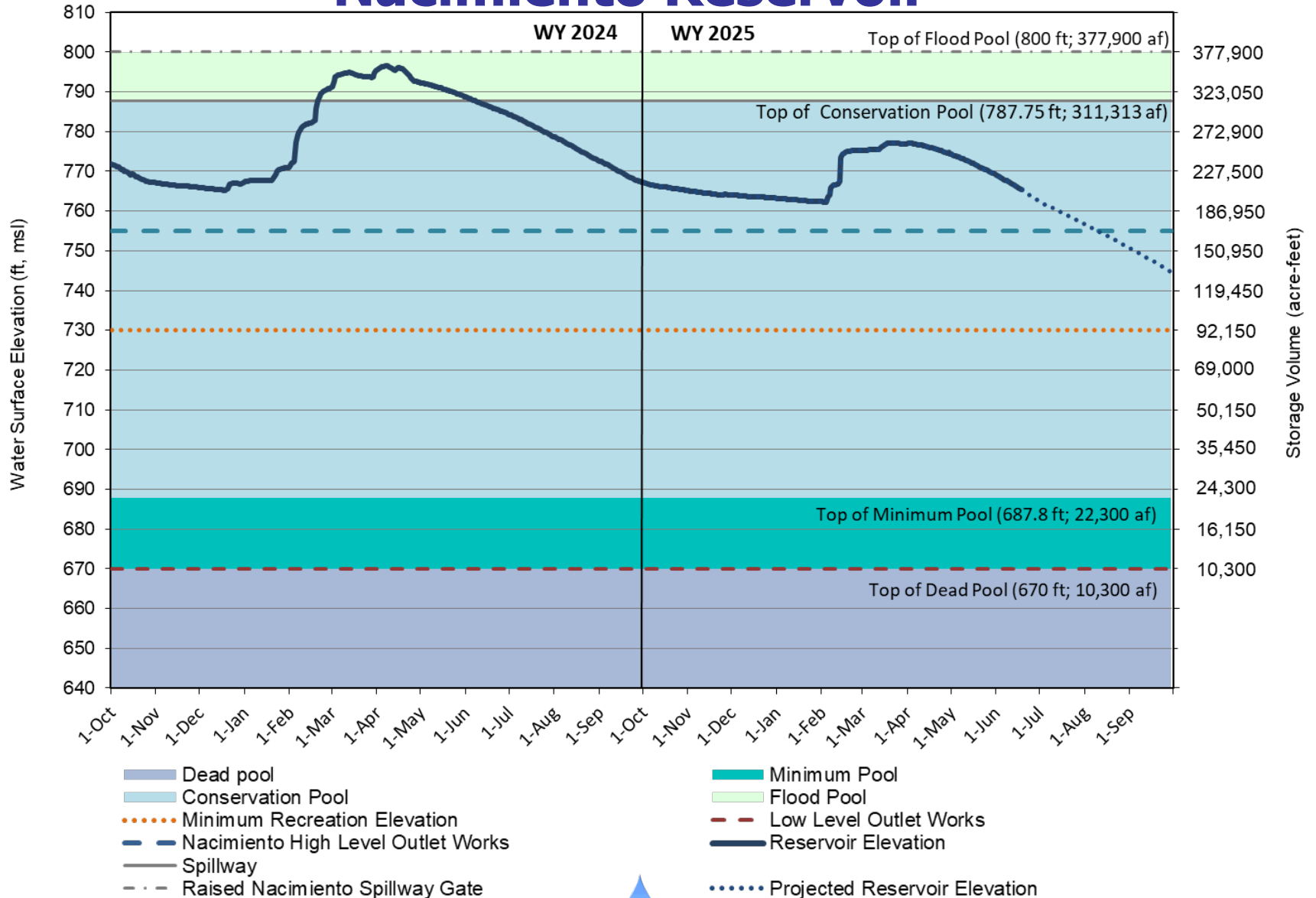
Current Reservoir Conditions

(6/18/25)

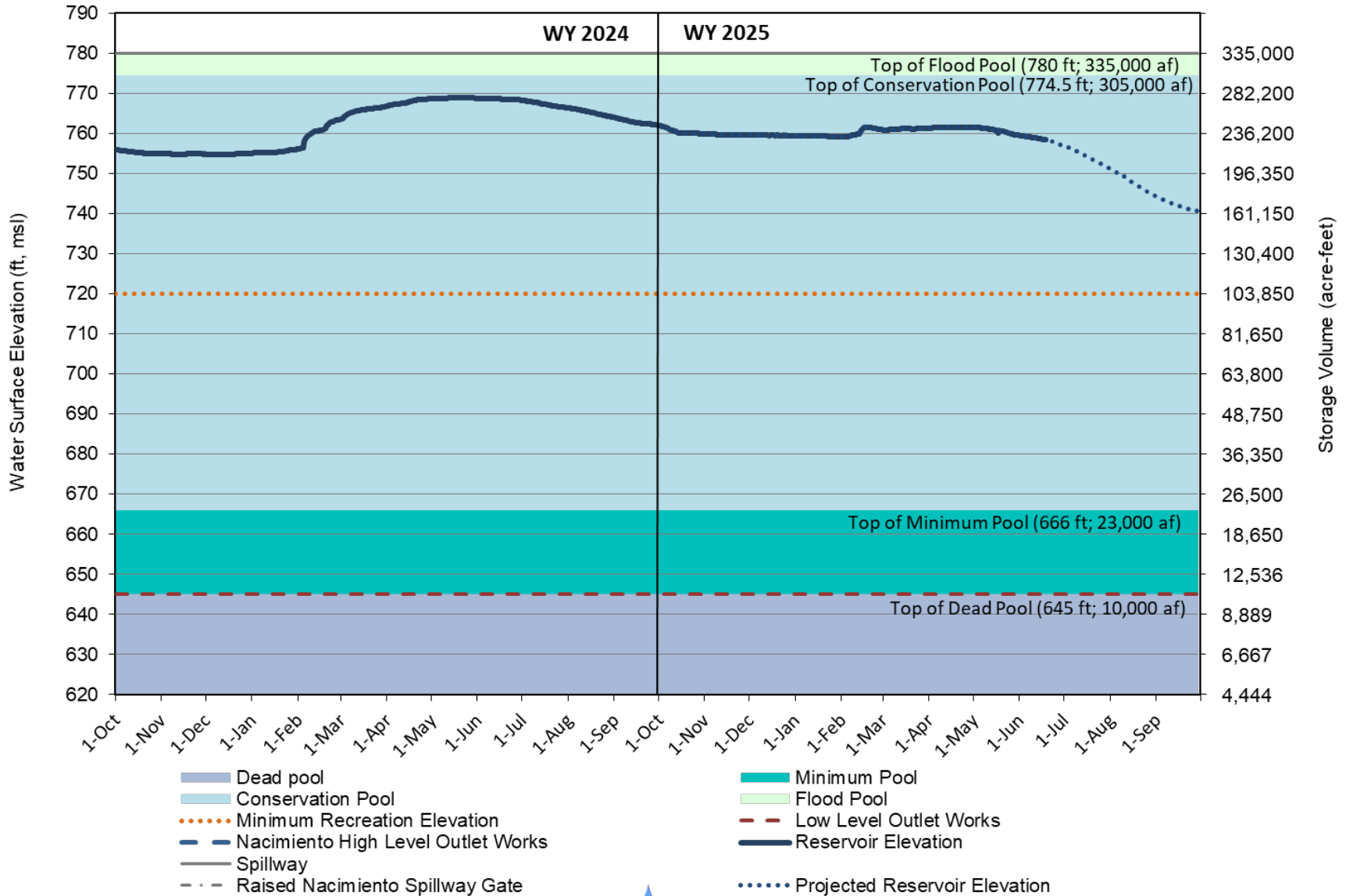
	Nacimiento	San Antonio
Percentage of Capacity	55%	68%
Elevation (ft.)	765.45	758.4
Storage (ac-ft)	208,450	229,430
Releases (cfs)	391	115



Nacimientto Reservoir



San Antonio Reservoir



Synopsis of Reservoir Release Changes

Since October 10, 2024

	San Antonio Reservoir		Nacimiento Reservoir		
Date	Starting Flow	Ending Flow	Starting Flow	Ending Flow	Total Releases
October 10, 2024	340	300	110	110	410
October 11, 2024	300	220	110	60	280
October 14, 2024	220	10	60	60	70
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February 24, 2025	270	240	60	60	300
February 26, 2025	240	200	60	60	260
February 28, 2025	200	130	60	60	190
March 1, 2025	130	90	60	60	150
March 2, 2025	90	50	60	60	110
March 3, 2025	50	10	60	60	70
March 16, 2025	10	300	60	60	360
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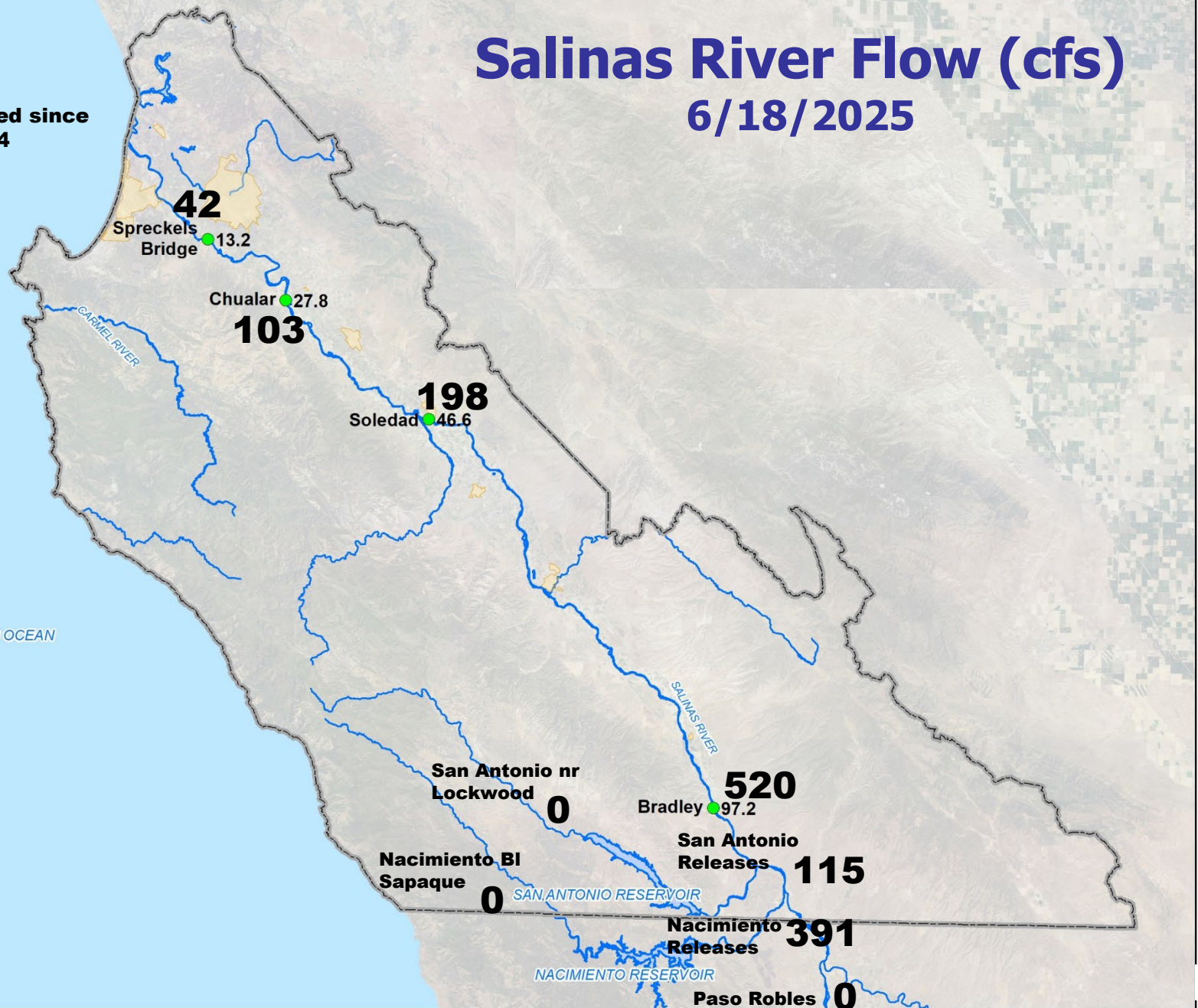


Salinas River Flow (cfs)

6/18/2025

Lagoon: Closed since
May 14

PACIFIC OCEAN



2025 Reservoir Release Schedule

Original

Month	Combined Releases (cfs)	Nacimiento Releases (cfs)	San Antonio Releases (cfs)	Nacimiento Elevation (ft)	San Antonio Elevation (ft)
Jan	73	63	10	763.2	759.5
Feb	172	60	112	762.4	759.2
Mar	218	151	67	775.4	760.8
Apr	380	368	12	775.6	760.6
May	409	326	84	770.2	760.1
Jun	488	358	131	764.5	758.5
Jul	600	270	330	757.9	755.8
Aug	638	275	363	752.0	749.8
Sep	470	279	191	745.6	743.0
Oct	220	158	62	738.9	739.2
Nov	70	60	10	734.7	737.7
Dec	70	60	10	732.8	737.3
Jan				731.1	737.0

Updated

Month	Combined Releases (cfs)	Nacimiento Releases (cfs)	San Antonio Releases (cfs)	Nacimiento Elevation (ft)	San Antonio Elevation (ft)
Jan	73	63	10	763.2	759.5
Feb	172	60	112	762.4	759.2
Mar	203	144	59	775.4	760.8
Apr	288	278	10	777.1	761.3
May	471	348	123	774.2	761.4
Jun	534	352	137	768.9	759.2
Jul	600	270	330	762.1	756.7
Aug	638	275	363	756.5	750.8
Sep	470	279	191	750.5	744.0
Oct	220	158	62	744.1	740.3
Nov	70	60	10	740.3	738.8
Dec	70	60	10	738.5	738.4
Jan				736.9	738.1

Note: Table on left shows the Reservoir Release Schedule to be presented at the April 21, 2025 Board of Directors meeting. Table on the right is current as of June 18, 2025. Bold text indicates actual values. The 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 25-043

June 26, 2025

Introduced: 6/18/2025

Current Status: Agenda Ready

Version: 1

Matter Type: WRA ResOps Item

Update on San Antonio Spillway Project. (Staff Presenting: Elise Harden)



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 25-044

June 26, 2025

Introduced: 6/18/2025

Current Status: Agenda Ready

Version: 1

Matter Type: WRA ResOps Item

Update on the San Antonio Low Level Outlet Works Penstock Recoating Project. (Staff Presenting: Elise Harden)



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 25-045

June 26, 2025

Introduced: 6/18/2025

Current Status: Agenda Ready

Version: 1

Matter Type: WRA ResOps Item

Current Operations and Maintenance Activities at the Reservoirs. (Staff Presenting: Peter Kwiek)



County of Monterey

Item No.6

Board Report

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

Legistar File Number: WRARO 25-039

June 26, 2025

Introduced: 6/6/2025

Current Status: Agenda Ready

Version: 1

Matter Type: WRA ResOps Item

- Reservoir Recreation by Concessionaire and Parks Department
- County of San Luis Obispo Activities
- Invasive Mussel Update



County of Monterey

Item No.7

Board Report

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

Legistar File Number: WRARO 25-040

June 26, 2025

Introduced: 6/6/2025

Current Status: Agenda Ready

Version: 1

Matter Type: WRA ResOps Item

Set next meeting date and discuss future agenda items.



County of Monterey

Item No.8

Board Report

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

Legistar File Number: WRARO 25-048

June 26, 2025

Introduced: 6/23/2025

Current Status: Agenda Ready

Version: 1

Matter Type: WRA ResOps Item

Water Resources Agency Reservoir Operations Advisory Committee Addenda/Revisions to Staff
Reports on June 26, 2025:

1. Update on Dam Safety and Operations Future Funding Strategy. (Staff Presenting: Ara Azhderian & Amy Woodrow)

Update on the 2025 Historical Benefits Analysis Update; Draft Interlake Tunnel and San Antonio Spillway Modification Assessment Engineer’s Report; and publication of the Salinas Valley Hydrologic Models

Summary:

In February 2017, the Monterey County Water Resources Agency (“Agency”) entered into grant agreement number 4600011748 (“Agreement”) with the Department of Water Resources of the State of California (“State” or “DWR”) to assist in financing the Interlake Tunnel and San Antonio Spillway Modification Project (“Interlake Tunnel Project”). Funding from the Agreement also supported the Historical Benefits Analysis Update, discussed below.

One of the deliverables in the Agreement is a Draft Engineer’s Report for the Interlake Tunnel Project including a Project Description and Assessment Methodology. The Agency retained a consultant, Bartle Wells Associates, to prepare the *Draft Interlake Tunnel and San Antonio Spillway Modification Assessment Engineer’s Report* (“Draft Engineer’s Report”).

The Draft Engineer’s Report utilizes the same geographic extent as the Agency’s Zone 2C and examines primarily the water supply and flood protection benefits that could accrue within that area from the Interlake Tunnel Project. The Interlake Tunnel Project also provides additional benefits, such as recreation and environmental benefits, that are discussed as General Benefits in the Draft Engineer’s Report.

The Draft Engineer’s Report presents three options for allocating Interlake Tunnel Project benefits across the geographic space. These options, which range from broad to more specific, are discussed in detail and are presented with the intention of providing a catalyst for discussion about future cost allocation approaches, whether for the Interlake Tunnel Project or other projects or activities. Were a final engineer’s report to be produced for the Interlake Tunnel Project, it would identify a single assessment methodology.

Historical Benefits Analysis Update

Prior to completing the Draft Engineer’s Report, the Agency needed to perform a quantitative evaluation of benefits of the Interlake Tunnel Project, distinct from those provided by other existing Agency projects such as construction and operation of the reservoirs, the Monterey County Water Recycling Projects, and the Salinas Valley Water Project. To identify and quantify the hydrologic, flood control, and economic benefits resulting from the existing suite of Agency projects and present-day operation of those projects, and the geographic distribution of those benefits, the Agency initiated work on an update to the 1998 Salinas Valley Historical Benefits Analysis (“HBA”) Final Report, referred to as the HBA Update.

The Agency retained consultants from West Yost and One Water Econ, LLC to conduct analyses of the hydrologic and economic benefits, respectively, for the HBA Update. For both consultants, the scope of work included quantifying benefits resulting from the construction and operation of Nacimiento and San Antonio Dams, the Monterey County Water Recycling Projects (Castroville Seawater Intrusion Project and Salinas Valley Reclamation Plant), and the Salinas Valley Water Project for the study period of October 1968 through September 2018. The HBA

Update did not quantify benefits of each project separately or in a stepwise manner, rather, the analyses considered a scenario with no projects and compared that to conditions with all of the projects in operation.

The economic benefits analyzed in the HBA Update include those directly resulting from higher groundwater levels and increased groundwater storage, in addition to the value associated with recreation at the reservoirs, hydropower generation, and avoided damages to buildings and agricultural crops through flood risk reduction.

Overall, the HBA Update identified that construction and operation of the dams, Monterey County Water Recycling Projects, and Salinas Valley Water project have mitigated the degree and extent of groundwater level declines. Operation of the dams has provided substantial benefits, especially in areas where the Salinas River is directly connected to the underlying aquifers. In some areas, such as the northwest portion of the Salinas Valley Groundwater Basin, more substantial benefit to average groundwater levels is realized after water deliveries through the Castroville Seawater Intrusion Project began in 1998. In other areas, such as the northern portion of the Upper Valley subarea, the effects of the projects are distributed more evenly over time with the strongest impacts observed during period with dry climatic conditions. The complete reports are available on the Agency's website at <https://www.countyofmonterey.gov/government/government-links/water-resources-agency/news-announcements>.

Salinas Valley Hydrologic Models

The HBA Update was informed by modeling conducted using the Salinas Valley Hydrologic Models, a suite of groundwater-surface water modeling tools developed by the U.S. Geological Survey (USGS) in partnership between the Agency, County of Monterey, and Salinas Valley Basin Groundwater Sustainability Agency. In April 2025, the USGS published the model files and associated reports for the Salinas Valley Hydrologic Models, meaning that these modeling tools are available for use by the public. The model documentation is available at <https://www.usgs.gov/centers/california-water-science-center/news/new-data-salinas-valley-hydrology> and <https://eartharxiv.org/repository/view/8900/>.

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