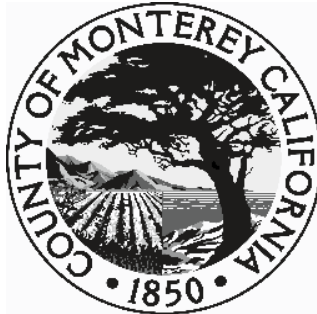


County of Monterey

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



Meeting Agenda

Monday, June 23, 2025

1:00 PM

**Monterey County District 3(Conference Room) to host the public
and participate via Zoom: 599 El Camino Real, Greenfield, Ca.**

Saffron Room 1441 Schilling Place 1st Floor, Salinas, Ca.

**Joint Water Resources/Board of Supervisors
Leadership Committee**

To participate in this Joint Water Resources/Board of Supervisors Leadership Committee meeting through the following methods:

1. You may attend in person,

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

<https://montereycty.zoom.us/j/93517505505>

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

+1 669 900 6833 US (San Jose)

+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

3. Enter this Meeting ID number: 935 1750 5505. Please note there is no Participant Code, you will just hit # again after the recording prompts you. You will be placed in the meeting as an attendee; when you are ready to make a public comment if joined by computer audio please Raise your Hand; and by phone please push *9 on your keypad.

PLEASE NOTE: IF ALL BOARD MEMBERS ARE PRESENT IN PERSON, PUBLIC PARTICIPATION BY ZOOM IS FOR CONVENIENCE ONLY AND IS NOT REQUIRED BY LAW. IF THE ZOOM FEED IS LOST FOR ANY REASON, THE JOINT WATER RESOURCES/BOARD OF SUPERVISORS LEADERSHIP COMMITTEE MEETING MAY BE PAUSED WHILE A FIX IS ATTEMPTED BUT THE MEETING MAY CONTINUE AT THE DISCRETION OF THE CHAIRPERSON.

4. If you choose not to attend the Board meeting but wish to make a comment on a specific agenda item, please submit your comment via email by 5:00 p.m. on the Friday before the meeting. Please submit your comment to the Secretary of the Board at WRAPubliccomment@countyofmonterey.gov mail to: WRAPubliccomment@countyofmonterey.gov In an effort to assist the Secretary in identifying the agenda item relating to your public comment please indicate in the Subject Line, the meeting body (i.e. Board of Directors Agenda) and item number (i.e. Item No. 10). Your comment will be placed into the record at the Board meeting.

Participar en esta reunión conjunta del Comité de Liderazgo de Recursos Hídricos / Junta de Supervisores a través de lo siguiente métodos:

1. Puede asistir en persona,

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Call to Order

Roll Call

Public Comment

Approval of Action Minutes

1. Approve the Action Minutes of March 20, 2025.

Attachments: [draft JBL Minutes March 20, 2025](#)

Regular Agenda

2. Receive an update on the Groundwater Monitoring Program Regulatory Fee and provide direction to staff as appropriate. (Presenter: Ara Azhderian/Amy Woodrow)
3. Receive an update on Dam Safety and Operations Future Funding Strategy and provide direction to staff as appropriate. (Presenter: Ara Azhderian/Amy Woodrow)

Attachments: [HBAUpdate - Draft Engineers Report](#)

4. Receive an update on the Golden Mussel Prevention Program and provide direction to staff as appropriate. (Presenter: Ara Azhderian)

Attachments: [Golden Mussel Prevention PPT](#)

5. Receive an update on the Monterey One Water Reconciliation Process Update and provide direction to staff as appropriate. (Presenter: Ara Azhderian/Nan Kim)

Committee Member Comments

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: JBL 25-009

June 23, 2025

Introduced: 6/11/2025

Current Status: Agenda Ready

Version: 1

Matter Type: Joint Board Leadership

Approve the Action Minutes of March 20, 2025.

County of Monterey

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



Meeting Minutes

Thursday, March 20, 2025

10:30 AM

Monterey County District 3(Conference Room) to host the public and participate via Zoom: 599 El Camino Real, Greenfield, Ca.

Saffron Room 1441 Schilling Place 1st Floor, Salinas, Ca.

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Call to Order

The meeting was called to order at 10:30 a.m.

Roll Call

Supervisor Chris Lopez, Supervisor Glenn Church (arrived at 10:33 a.m.), Director Mike LeBarre,

Director Matt Simis.

Public Comment

None.

Approval of Action Minutes

Upon Motion by Director LeBarre and Second by Supervisor Lopez the Committee approved the Action Minutes.

Ayes: Supervisor Chris Lopez, Director Mike LeBarre, Director Matt Simis

Noes: None

Absent: Supervisor Glenn Church

Abstained: None

1. Approve the Action Minutes of October 17, 2024.

Attachments: [Draft JBL Minutes October 17, 2024](#)

Action Item

2. Nominate and appoint Chair and Vice-Chair of the Joint Water Resources/Board of Supervisors Leadership Committee and determine length of term.

Supervisor Lopez nominated and appointed as 2025 Joint Water Resources/Board of Supervisors Leadership committee chair as Supervisor Glenn Church, Vice Chair as Director Mike LeBarre.

Ayes: Supervisor Chris Lopez, Supervisor Glenn Church, Director Mike LeBarre, Director Matt Simis.

Noes: None

Abstained: None

Absent: None

3. Adopt the 2025 Monterey County Joint Water Resources/Board of Supervisors Leadership Committee Meeting Calendar.

Attachments: [2025 JBL Committee Meetings Schedule](#)

Upon Motion by Director Supervisor Lopez and Second by Director LeBarre the Committee adopted the 2025 Monterey County Joint Water Resources/Board of Supervisors Leadership Committee meeting calendar.

Ayes: Supervisor Chris Lopez, Supervisor Glenn Church, Director Mike LeBarre, Director Matt Simis

Noes: None

Absent: None

Abstained: None

Regular Agenda

4. Receive an update on the Groundwater Monitoring Program Regulatory Fee Study and provide direction to staff as appropriate.

(Staff Presenting: Ara Azhderian/Amy Woodrow)

Attachments: [GMP Regulatory Fee Study PPT](#)

Committee Member Comments: Director Matt Simis, Supervisor Chris Lopez, Director Mike LeBarre, Supervisor Glenn Church

Staff Comments: Kelly Donlon, County Counsel

Public Comments: Margie Kay

5. Receive an update on the Interlake Tunnel Project and provide direction to staff as appropriate. (Staff Presenting: Ara Azhderian/ Shaunna Murray/ Amy Woodrow)

a. Water Right Petition Protests

b. Historical Benefits Analysis Update

Committee Member Comments: Director Matt Simis

Staff Comments: Kelly Donlon

Public Comments: Christopher Bunn

6. Receive an update on the Reservoir Operations/Dam Safety Projects Funding and provide direction to staff as appropriate. (Staff Presenting: Ara Azhderian)

Committee Member Comments: Director Matt Simis

Staff Comments: None

Public Comments: Margie Kay

7. Receive an update on the Habitat Conservation Plan and provide direction to staff as appropriate. (Staff Presenting: Ara Azhderian/ Jason Demers)

Committee Member Comments: Director Matt Simis

Staff Comments: None

Public Comments: Margie Kay

8. Receive an update on Monterey One Water and provide direction to staff as appropriate. (Staff Presenting: Ara Azhderian/ Shaunna Murray)

Committee Member Comments: None

Staff Committee: None

Public Comments: None

Committee Member Comments

None

Adjournment

The meeting adjourned at 11:29 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: JBL 25-010

June 23, 2025

Introduced: 6/11/2025

Current Status: Agenda Ready

Version: 1

Matter Type: Joint Board Leadership

Receive an update on the Groundwater Monitoring Program Regulatory Fee and provide direction to staff as appropriate. (Presenter: Ara Azhderian/Amy Woodrow)



County of Monterey

Item No.3

Board Report

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

Legistar File Number: JBL 25-011

June 23, 2025

Introduced: 6/11/2025

Current Status: Agenda Ready

Version: 1

Matter Type: Joint Board Leadership

Receive an update on Dam Safety and Operations Future Funding Strategy and provide direction to staff as appropriate. (Presenter: 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/>.

Prepared by: Amy Woodrow, Senior Water Resources Hydrologist, (831) 755-4860
Approved by: Ara Azhderian, General Manager, (831) 755-4860



County of Monterey

Item No.4

Board Report

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

Legistar File Number: JBL 25-012

June 23, 2025

Introduced: 6/11/2025

Current Status: Agenda Ready

Version: 1

Matter Type: Joint Board Leadership

Receive an update on the Golden Mussel Prevention Program and provide direction to staff as appropriate. (Presenter: Ara Azhderian)





Update on Golden Mussel Prevention Activities at Nacimiento and San Antonio Reservoirs



Golden Mussel – An Introduction

- Golden mussel was detected in the Sacramento-San Joaquin Delta in October 2024 – first recorded detection in North America
 - Native to China and Southeast Asia



Photo: Elizabeth Wells, Ph.D. (DWR)

Golden Mussel Biology

- Three life stages
 - **Veliger** – in water column, microscopic
 - **Settlers** – settle on surfaces, sandpapery feel
 - **Adults** – reach 1-2 inches in size

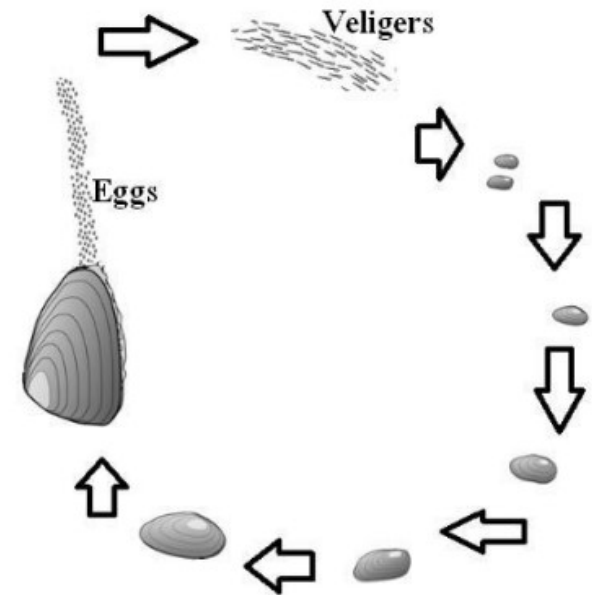


Image: Nevada Irrigation District

Golden Mussel Biology

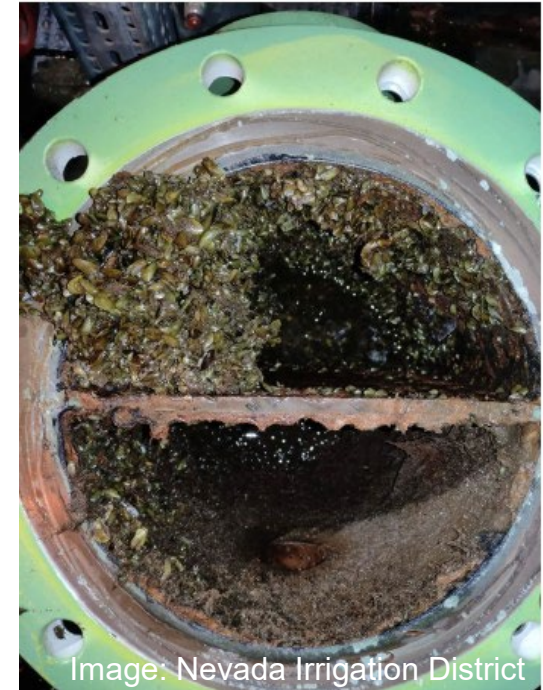
- Reproduces rapidly
 - 6,000 to 20,000 larvae per cubic meter of water
- Can tolerate a wider range of temperature and salinity compared to quagga and zebra mussels.
- Grows in dense clumps containing 80,000-200,000 mussels per square meter.



Image: California Dept. of Fish and Wildlife

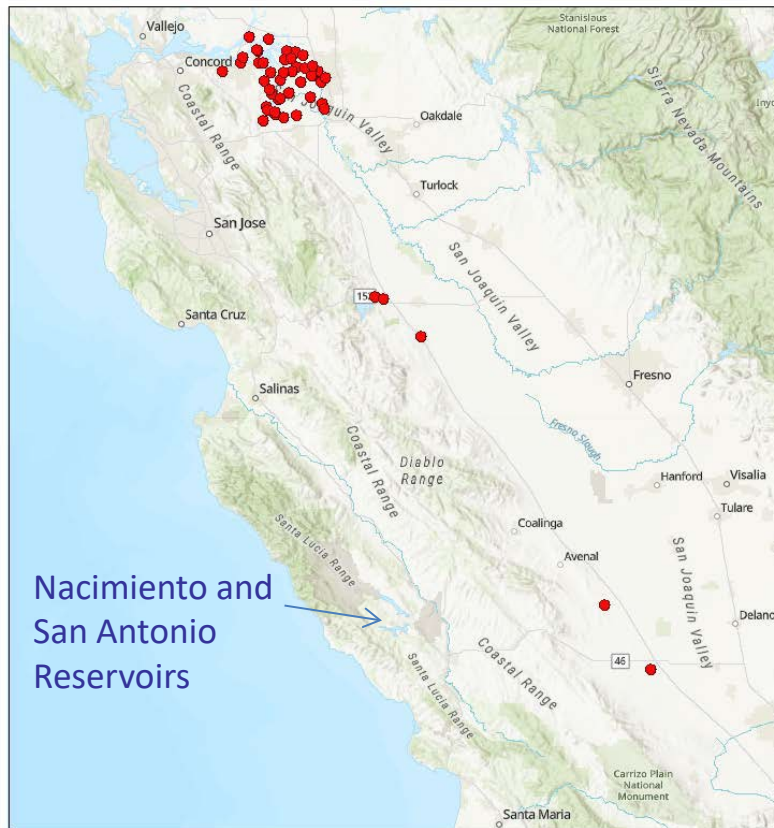
Environmental and Economic Impacts

- Mussels can clog water intakes, dam operations infrastructure, power plant equipment.
- Golden mussels are filter feeders that can consume large amounts of material that native species and sport fish depend on.
- Colonies can foul watercraft motors, docks, and boat launches.
- Increase harmful algal blooms.



Golden Mussel Detections

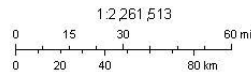
Golden Mussel Presence and Absence in California



6/18/2025

• Sightings of Golden Mussels in California

World_Hillshade



Source: Esri, TomTom, Garmin, FAO, NOAA, USGS, OpenStreetMap contributors, and the GIS User Community; Esri, USGS

California Department of Fish and Wildlife maintains a map with data from surveys for golden mussels conducted by state, federal, and local agencies.

A range of responses around the State

CDFW developed
interagency Golden
Mussel Task Force

Some reservoirs
closed to boating
for 2025

30-day quarantine
requirements

Quarantine bands
or seals for boats
that have been
inspected

Prohibition on
certain vessel types

Require inspections
before launching

Local Actions

- Mandatory vessel inspections before launching at Nacimiento and San Antonio Reservoirs.
 - Inspection procedures used historically for quagga and zebra mussels are effective for golden mussel.
- Coordination between the Agency and
 - County of Monterey - Parks Division
 - County of SLO - Public Works
 - Private communities around Nacimiento Reservoir

Local Actions

- Increased Agency involvement and frequency of communication with Park rangers and program staff.
- May 2025 - Agency applied for a grant from CDFW to fund equipment purchases, facility enhancements, and training to support invasive mussel prevention efforts at both reservoirs. Award notification is anticipated in July 2025.

Local Actions

clean
drain
dry



STOP INVASIVE MUSSELS
SLOCountyWater.org







County of Monterey

Item No.5

Board Report

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

Legistar File Number: JBL 25-013

June 23, 2025

Introduced: 6/11/2025

Current Status: Agenda Ready

Version: 1

Matter Type: Joint Board Leadership

Receive an update on the Monterey One Water Reconciliation Process Update and provide direction to staff as appropriate. (Presenter: Ara Azhderian/Nan Kim)