



# Upper Mississippi River Basin Association

## 176th Quarterly Meeting

November 18, 2025

Virtual

Agenda with  
Background and Supporting Materials



**Agenda**  
**November 18, 2025**

<b>Time</b>	<b>Topic</b>	<b>Page</b>	<b>Presenter</b>
10:00 a.m.	Call to Order and Introductions		Wade Strickland, Wisconsin DNR <i>UMRBA Board Chair</i>
10:10	Approval of Minutes of August 5, 2025 Meeting	A1-7	
10:15	Executive Director’s Report	B1-14	Kirsten Wallace, UMRBA
10:20	Water Availability	C1-16	
	— Upper Mississippi River Basin Hydrologic Flow Analysis		Sadie Neuman, UMRBA
	— Proposal for Mississippi River Interstate Compact		Colin Wellenkamp, Mississippi River Cities and Towns Initiative
	— Proposal for Mississippi River Interstate Compact		Alexandra Campbell-Ferrari, Center for Water Security and Cooperation
10:50	Navigation and Ecosystem Sustainability Program		
	— L&D 25 Construction Status Report		Jose Lopez, USACE
	— Floodplain Ecosystem Reach Planning		
	• USACE Report		Marshall Plumley, USACE
	• Public Engagement Workshops		Brent Newman, Audubon
	— Perspectives and Plans for Partner Advocacy		Kirsten Wallace, UMRBA
12:00 noon	Lunch		
1:00	Flood Risk Reduction and Resilience Planning		
	— Lower Missouri River Flood Risk and Resiliency Study: Process, Outcomes, and Insights		Ginger Niemann-Harper, USACE and Erin Fanning, Missouri DNR
	— UMR Basin Downscale Climate Hydrologic Projections		Melissa Kenney, Zac McEachran, and Sharma Shubhechchha, University of Minnesota
	— Hard-to-Reach Communities: Supply Chain Results and Pathways for Engagement		
2:45	Administrative Issues	D1-8	Wade Strickland, Wisconsin DNR
	— Future Meeting Schedule		
3:00 p.m.	Adjourn		

# Upper Mississippi River Quarterly Meetings

## Attachment A

### Minutes

<b>Page Number</b>	<b>Document Title</b>
A-1 to A-7	Draft Minutes of the August 5, 2025 UMRBA Quarterly Meeting

**Draft Minutes of the  
175th Quarterly Meeting of the  
Upper Mississippi River Basin Association**

**August 5, 2025  
La Crosse, Wisconsin**

Wade Strickland called the meeting to order at 1:00 p.m. on August 5, 2025.

Participants were as follows:

UMRBA Representatives and Alternates:

Rick Pohlman	Illinois Department of Natural Resources
Jake Hansen	Iowa Department of Agriculture and Land Stewardship
Kirk Hansen	Iowa Department of Natural Resources
Grant Wilson	Minnesota Department of Natural Resources
Matt Vitello	Missouri Department of Conservation
Erin Fanning	Missouri Department of Natural Resources
Levi Woods	Missouri Department of Transportation
Wade Strickland	Wisconsin Department of Natural Resources

Federal UMRBA Liaisons:

JC Nelson	U.S. Geological Survey, Midcontinent Region
Brian Chewning	U.S. Army Corps of Engineers, MVD
Col. Matthew Chase	U.S. Army Corps of Engineers, MVP
Sabrina Chandler	U.S. Fish and Wildlife Service

Others In Attendance:

Nicole Vidales	Illinois Environmental Protection Agency
John Seitz	Illinois Department of Natural Resources
Brian McCoy	Illinois Department of Transportation
Liz Scherber	Minnesota Department of Natural Resources
Grace Loppnow	Minnesota Department of Natural Resources
Ken Henderson	Missouri Department of Agriculture
Dru Buntin	Missouri Department of Conservation
Sam Clary	Missouri Department of Conservation
Vanessa Perry	Wisconsin Department of Natural Resources
Sammi Boyd	Wisconsin Department of Natural Resources
Kelly Keefe	U.S. Army Corps of Engineers, MVD
Jim Cole	U.S. Army Corps of Engineers, MVD

LeAnn Riggs	U.S. Army Corps of Engineers, MVD
Samantha Thompson	U.S. Army Corps of Engineers, MVD
Karl Jansen	U.S. Army Corps of Engineers, MVP
Nathan Wallerstadt	U.S. Army Corps of Engineers, MVP
Marshall Plumley	U.S. Army Corps of Engineers, MVR
Davi Michl	U.S. Army Corps of Engineers, MVR
Greg Kohler	U.S. Army Corps of Engineers, MVS
Shawn Sullivan	U.S. Army Corps of Engineers, MVS
Jasen Brown	U.S. Army Corps of Engineers, MVS
Shane Simmons	U.S. Army Corps of Engineers, MVS
Amy McGovern	U.S. Fish and Wildlife Service, Region 3
Kraig McPeek	U.S. Fish and Wildlife Service, Ecological Services
Sara Schmuecker	U.S. Fish and Wildlife Service, Ecological Services
Lauren Larson	U.S. Fish and Wildlife Service, Ecological Services
Greg Conover	U.S. Fish and Wildlife Service, MICRA
Rebecca Neely	U.S. Fish and Wildlife Service, Midwest Fisheries Center
Jon Amberg	U.S. Geological Survey, UMESC
Jim Fischer	U.S. Geological Survey, UMESC
Timothy Elkins	U.S. Environmental Protection Agency
Dane Boring	U.S. Environmental Protection Agency
David Pratt	U.S. Environmental Protection Agency
Amy Shields	U.S. Environmental Protection Agency
Kim Lutz	America's Watershed Initiative
Sierra Schuchard	America's Watershed Initiative
Brent Newman	Audubon
Alicia Vasto	Audubon
Michael Anderson	Lake Pepin Legacy Alliance
Kathryn Lammers	Friends of the Refuge – Pools 7 and 8
Fritz Funk	Izaak Walton League
Barry Draskowski	Izaak Walton League
Nancy Guyton	Neighbors of the Mississippi
Olivia Dorothy	One Mississippi
Maria Pascual	PwC
Christine Favilla	Sierra Club
Andrew Stephenson	The Nature Conservancy
Philip Adalikwu	University of Minnesota
Nfamara Dampha	University of Minnesota
Heman Lohano	University of Minnesota
Natalie Narvaez	University of Minnesota
Kirsten Wallace	Upper Mississippi River Basin Association
Brian Stenquist	Upper Mississippi River Basin Association
Mark Ellis	Upper Mississippi River Basin Association
Natalie Lenzen	Upper Mississippi River Basin Association
Sadie Neuman	Upper Mississippi River Basin Association
Lauren Salvato	Upper Mississippi River Basin Association
Laura Talbert	Upper Mississippi River Basin Association
Josh Wolf	Upper Mississippi River Basin Association

## **Minutes**

Rick Pohlman moved and Grant Wilson seconded a motion to approve the draft minutes of the May 20, 2025 meeting. The motion carried unanimously.

### **Executive Director's Report**

Kirsten Wallace pointed to the Executive Director's report in the agenda packet for a summary of the Association's work efforts since the May 2025 meeting.

Wallace reported that the USACE St. Paul District convened a change of command ceremony on July 18. Wallace reflected on Col. Eric Swenson's commitment to partnership and strategic leadership particularly of the St. Paul District's channel maintenance and management operations. Wallace welcomed Col. Matthew Chase to the Upper Mississippi River regional partnership. Col. Chase introduced himself and expressed his eagerness to work with UMRBA.

Wallace elaborated on the UMRBA Board's meetings with federal department and agency leadership on June 23-26. Wallace thanked Wade Strickland and Matt Vitello for joining the meetings in-person and to Rick Pohlman for joining the meeting with USACE virtually. Wallace also expressed sincere gratitude to Sabrina Chandler, Marshall Plumley, Jon Hortness, Jon Amberg, and all of the federal agency staff who are lending support these meetings, including supporting the scheduling, preparing agency leaders, and assisting in developing communications materials.

Wallace noted the significant time and resources of federal and state agencies over the summer related to the UMRBA Fixed Site Interstate Water Quality Monitoring Project and NESP Reach Planning Workshops.

Wallace pointed to the UMRBA financial statements for April 2025 through June 2025 as provided on pages B-8 to B-16 of the agenda packet. Grant Wilson moved Rick Pohlman seconded the motion to accept the Association's budget report and balance sheet as included in the agenda packet. The motion was approved unanimously.

### **UMRBA Water Quality Executive Council Charter**

As a first step in implementing the 2022-2035 UMRBA Water Quality Program Plan, Nicole Vidales explained that the Water Quality Executive Committee's (WQEC's) revisited its Charter and is presented renewed language to the UMRBA Board for review. The WQEC is recommending the Charter as provided on pages C-1 to C-3 of the agenda packet. Vidales explained that the UMRBA Board provides direction to the WQEC and therefore is seeking the Board's direction for revisions or endorsement.

Vidales discussed the following areas as major highlights of the renewed version:

- Explicitly connecting the WQEC to the UMRBA Board, including describing the Board's responsibility in directing the WQEC's priorities
- Changing the name from the Water Quality Executive Committee to the Water Quality Executive Council

- Expanding the WQEC’s ability to create *ad hoc* or standing committees or work groups, beyond the Water Quality Task Force
- Streamlining language describing the WQEC’s roles and responsibilities

In response to a prompt from Wade Strickland as Chair, Rick Pohlman moved and Grant Wilson seconded a motion to endorse the renewed Charter for the Water Quality Executive Council as provided in the agenda packet. The motion passed unanimously.

## **Invasive Carp**

### *State and Federal Monitoring, Research, and Management Efforts*

#### U.S. Geological Survey

JC Nelson summarized the 2023-2027 USGS Invasive Carp Strategic Framework. The Framework is provided at <https://pubs.usgs.gov/circ/1504/cir1504.pdf>.

Nelson explained that no single method is fully effective for managing invasive carp. Therefore, USGS is employing multiple, integrated methods for monitoring, deterring, and managing invasive carp with the goal of preventing the spread of invasive carp and reduce the invasive carp populations and effects. Nelson provided more details about the individual strategies.

#### U.S. Fish and Wildlife Service

Amy McGovern provided a comprehensive briefing of USFWS aquatic invasive species programs and coordination, speaking mostly to the USFWS’s interjurisdictional coordination responsibilities related to invasive carp in the Great Lakes Basin and Mississippi River Basin. McGovern noted that USFWS work in the Mississippi River Basin is supported by USFWS base appropriations.

Greg Conover explained the structure and functions that the Mississippi Interstate Cooperative Resource Association (MICRA) provides as an umbrella organization for supporting interjurisdictional fisheries management coordination and communication across the Mississippi River Basin, across 28 state agencies, four federal agencies, and two tribal nations.

Rebecca Neely summarized the work of the Upper Mississippi River Interagency Carp Partnership (UMRICT), which exists under the MICRA umbrella. Neely explained the coordination that exists through the Upper Mississippi River Conservation Committee (UMRCC) fisheries, education, and outreach groups. Neely shared the following UMRICT goal and objectives:

- Goal: To minimize the impacts of silver and bighead carp to native species and the ecosystem by reducing the abundance and distribution of silver and bighead carp in the Upper Mississippi River Basin.
- Objectives:
  - Reduce the existing populations of invasive carp in Pools 2-19 while minimizing impacts to native fish populations.

- Reduce the existing populations of invasive carp in Pools 20-22 to reduce propagule pressure and emigration into upper pools while minimizing impacts to native fish populations.
- Minimize upstream movement of invasive carp in the Upper Mississippi River and its tributaries.

Neely listed the priority needs for managing invasive carp in the Upper Mississippi River Basin, as follows:

- Increase the capacity of commercial fishing, processing support, haulers, ice machines, and all other necessary support for contracted removals.
- Increase the capacity of the states (staff and gear) to conduct additional effort within the Upper Mississippi River Basin.
- Install a permanent deterrent at L&D 19 and investigate additional locations for deterrents as redundancies.

In response to a question from Brian Stenquist about future projections of invasive carp, McGovern portended that managing for invasive carp will be an ongoing need for decades and Nelson added that managers will also need to be managing for new emerging aquatic invasive species.

#### Minnesota Department of Natural Resources

Grace Loppenow reported on Minnesota DNR's efforts to construct a deterrent to invasive carp at L&D 5. Loppenow shared that Minnesota DNR has developed a plan to monitor for fish passage at L&D 5, initiating tagging in spring 2026.

Loppenow said that, in late June 2025, USFWS reported the detection of 10 tagged silver/grass carp detected near the confluence of the Root River, which is a Mississippi River tributary in Pool 8. In response, Minnesota DNR, Wisconsin DNR, USFWS partnered with commercial fishing crews to capture invasive carp in the area. While conditions were ripe, there is no conclusive evidence of spawning. Loppenow also mentioned a partnership among Minnesota DNR, Wisconsin DNR, and USGS to explore whether algae bait can aggregate invasive carp at preferred sites for removal.

Similar to USGS, Loppenow summarized that Minnesota DNR is pursuing a multi-pronged approach to managing invasive carp. Invasive carp captures in Minnesota have increased in recent years, and action is required to reduce the risk of reproduction.

#### Missouri Department of Conservation

Matt Vitello summarized Missouri Department of Conservations (DoC) management of various aquatic nuisance species. With respect to invasive carp, Vitello provided the Missouri DoC's FY 2026 priorities as including finalizing an invasive carp management plan, using telemetry to describe the movement and habitat use of invasive carp, employing targeted removal, and implementing a harvesting incentive program.

Vitello reported that Missouri DoC is also monitoring for round goby and northern snakehead. Vitello provide background information on the species as well as Missouri DoC's efforts to monitor the species, reduce their populations, and prevent their spread.

## Other Board Reports

Wade Strickland pointed to Wisconsin DNR's partnerships with federal agencies and neighboring states as mentioned in earlier reports. Strickland said Wisconsin DNR is in the early stages of developing a management plan for invasive carp and will likely reference and consider the other states' plans.

Rick Pohlman said Illinois DNR is actively engaged in partnership with the Corps and the state of Michigan in constructing Brandon Road as a means for preventing the spread of invasive carp to the Great Lakes Basin.

Kirk Hansen confirmed that the state of Iowa is challenged in accepting federal funds beyond its current rate. Iowa DNR is planning to employ a removal effort in the Des Moines River in 2026.

### *UMRBA Plans for Policy-Level Cooperation*

Kirsten Wallace reported that UMRBA Board and Federal Liaisons met this morning about ways in which their respective agencies can enhance their interjurisdictional cooperating in managing invasive carp as well as other aquatic nuisance species. Following the meeting, UMRBA will convene a small team to recommend a process for developing a strategy encompassing the Upper Mississippi River Basin as well as a companion communications toolkit. Wallace confirmed that UMRBA would partner closely with MICRA in this work.

## **Flood Risk Modeling and Resilience Capacity Mapping**

Nfamara Dampha presented on a two-year project, through the University of Minnesota Natural Capital Project: The Earth-Economy Modelers (NatCap TEEMs), to assess and develop an index to identify flood risk hotspot locations within the Upper Mississippi River Basin and to quantify the benefits of nature-based solutions within those hotspot areas. The research uses the multiplicative equation that risk equals hazard and exposure times vulnerability times lack of coping capacity, exploring the riverine flooding throughout the Upper Mississippi River Basin and pluvial flooding in two smaller geographic locations.

Dampha explained the results of various methods for calculating vulnerability and resilience capacity in the Upper Mississippi River Basin. The estimated annual loss from riverine flooding across the entire Upper Mississippi River Basin is estimated at \$339.47 million.

Dampha previewed results depicting the co-benefits of using nature-based solutions to flooding (i.e., the baseline values of ecological services), including their ability to sequester carbon, reducing the loads of nutrients and sediment to the Mississippi River, improving the availability for water supply, and cooling urban landscapes.

Dampha outlined the next steps for the NatCap TEEMs research, as follows:

- Complete the INFORM Flood Risk Index for the Upper Mississippi River Basin
- Create land-use and land management scenarios
- Develop an INFORM Index for Climate Change – a multi-risk hotspot mapping

In response to a question from Olivia Dorothy, Dampha said the research is not published yet and therefore not available to access online. Dampha anticipates that the research will be published by late spring or early summer 2026, and offered the following link to sign up for information as it becomes available:

<https://docs.google.com/forms/d/e/1FAIpQLSdVuYJ2RaxkOYOF0HPgYHLFi8MvukOozUU2aEPZE6vUvneRgQ/viewform?pli=1>.

## **Stakeholder Reports**

### *America's Watershed Initiative*

Kim Lutz provided an update on the effort jointly led by America's Watershed Initiative and The Nature Conservancy to create a Mississippi River Watershed Partnership. In particular, the effort has most recently focused on developing a series of outcome-based goals and organizing a recommendation for a partnership framework. The next steps are to detail potential pathways to action (implementation road maps), continue engagement with priority states, develop tribal engagement plans, develop communications materials for partners, and create a science strategy.

### *Friends of the Refuge – Mississippi River Pools 7 and 8*

Kathryn Lammers reported that the Friends of the Refuge – Mississippi River Pools 7 and 8 hosted a news conference on August 4, 2025 in La Crosse in support of the Upper Mississippi River Restoration Program, the USFWS Refuges, and other federal ecosystem programs and projects on the Upper Mississippi River.

## **Administrative Matters**

### *Future Meeting Schedule*

November 2025 in Missouri

- UMRBA Quarterly Meeting – November 18
- UMRR Coordinating Committee quarterly meeting – November 19

February 2026 to be held virtually

- UMRBA Quarterly Meeting – February 24
- UMRR Coordinating Committee quarterly meeting – February 25

May 2026 to be held virtually

- UMRBA Quarterly Meeting – May 19
- UMRR Coordinating Committee quarterly meeting – May 20

With no further business, the meeting adjourned at 4:00 p.m.

# Upper Mississippi River Quarterly Meetings

## Attachment B

### Executive Director's Report

<b>Page Number</b>	<b>Document Title</b>
B-1 to B-5	Executive Director's Quarterly Report
B-6	Treasurer's Quarterly Statement (11/6/2025)
B-7 to B-9	FY 2025 Profit and Loss Statement (11/6/2025)
B-10 to B-12	FY 2026 Profit and Loss Statement (11/6/2025)
B-13 to B-14	Balance Sheet (11/6/2025)



## **Executive Director's Report November 2025**

### **Association Personnel**

Lauren Salvato departed UMRBA staff on October 8, 2025 to take a position with a local environmental consulting firm. For an interim period, Josh Wolf is coordinating UMRBA's water quality program.

Due to unanticipated funding constraints associated with the USEPA Oil Pollution Act, UMRBA terminated two part time positions that were solely reimbursed through that funding source. Ken Peterson and Sam Hund ended their service with the Association on October 17, 2025.

### **Advocacy**

#### *Federal Partnerships*

#### Gulf Hypoxia Program

On September 23, 2025, UMRBA staff met with USEPA Office of Water (OW) leadership, including Wes Brooks, (OW Deputy Assistant Administrator for Policy), Caitlin McHale (OW Deputy Assistant Administrator for Strategic Initiatives), Benita Best-Wong (OW Deputy Assistant Administrator for Budget and Administrative Functions), Brian Frazer (OW Director of Office of Wetlands, Oceans, and Watersheds), and Michael Scozzafava (Office of Wetlands, Oceans, and Watersheds Director of Watershed Restoration, Assessment, and Protection Division). UMRBA was joined by members of the Agriculture Nutrient Policy Council, namely representatives from the American Farm Bureau Federation, the Fertilizer Institute, and the National Pork Producers Council.

The purpose for the meeting was to a) convey the strong interest and collaboration among states and agricultural stakeholders in support of the Gulf Hypoxia Program to provide financial support to the states in their implementation of the nutrient reduction strategies and b) request the Administration's partnership in supporting the Gulf Hypoxia Program through its leadership and recommendation for funding in the FY 2027 President's budget.

#### Department of the Interior Partnership Participation

In light of realized and further potential reorganization and workforce reductions in the Department of the Interior (DOI), UMRBA met with DOI, USGS, and USFWS leaders about the mechanisms in which the Department will allow USFWS and USGS to retain their abilities to participate in the Upper Mississippi River Restoration Program and other UMRBA priorities.

On September 23, 2025, UMRBA staff met with Justin Scherer (Senior Advisor to the DOI Office of Assistant Secretary for Water and Science), Isis Farmer (Chief of Staff to the DOI Office of Assistant Secretary for Water and Science), and Megan Elliott (Chief of Staff to the Office of USGS Director). UMRBA was joined by members of the Agriculture Nutrient Policy Council, namely representatives from the American Farm Bureau Federation and the Fertilizer Institute.

On September 24, 2025, UMRBA staff met with USFWS Director Brian Nesvik, David McDonald (USFWS Chief of Staff), Brian Smith (USFWS Region 3 Acting Deputy Regional Director), Sabrina Chandler, and Marshall Plumley.

On September 24, 2025, UMRBA staff met with USFWS Director Brian Nesvik, David McDonald (USFWS Chief of Staff), Brian Smith (USFWS Region 3 Acting Deputy Regional Director), Sabrina Chandler, and Marshall Plumley. This meeting succeeded a September 8 meeting with USFWS Region 3 Regional Director Will Meeks and other Region 3 leaders, including Chandler and Kraig McPeek.

#### USACE Partnership Participation

On September 24, 2025, UMRBA staff met with Ryan Fisher (Acting USACE Civil Works Director) and Sharon Sartor (MVD Regional Integration Team Lead). The purposes for the meeting were to a) re-establish relationships with Mr. Fischer (who previously served as Principal Deputy ASA(CW)) and b) share UMRBA's priorities for ongoing and potentially new programs and projects and discuss alignment.

## **Ecosystem Health**

### *Policy and Programmatic Interagency Coordination*

#### UMRR Coordinating Committee Meeting

The UMRR Coordinating Committee met virtually on August 6, 2025. The agenda involved programmatic briefings regarding accomplishments and progress related to habitat rehabilitation and enhancement projects (HREPs), long term resource monitoring, and communications. Following the enactment of the FY 2025 Continuing Resolution Authority, in which the Corps construction program was nearly reduced by half, the Administration allocated \$13.5 million to UMRR, requiring it to halt most programmatic work and prioritizing active HREP construction contracts and LTRM base monitoring. UMRR Program Manager described the implications to the program's implementation in FY 2025.

#### NESP Coordinating Committee Meetings

The Navigation and Ecosystem Sustainability Program (NESP) Coordinating Committee convened a quarterly meeting on September 10, 2025. The meeting was held virtually. The quarterly meeting included reports on routine program management as well as focused briefings on reach-based planning and ecosystem and navigation project implementation. In addition to this public-facing session, the Committee also convenes monthly meetings to advance programmatic priorities. Recent discussions have focused mostly on reach planning.

### *Programmatic Strategic Planning*

#### UMRR Implementation Planning

The UMRR Coordinating Committee members and other key programmatic leads met on August 5, 2025. This meeting was a continuation of a series of anticipated planning sessions to design an implementation strategy for UMRR at high, medium, and low funding scenarios. However, with the passage of the full year FY 2025 Continuing Resolution Authority and the suspension of UMRR programmatic activities, the purpose of this first meeting was to create a shared understanding of the current HREP construction, design, and planning schedules as well as long term resource monitoring projects and activities, initiate a conversation about FY 2026 spending priorities, and learn about the policies and staffing affecting federal and state agencies' participation in UMRR.

In October, UMRBA staff began supporting states' coordination in managing their respective field stations. These conversations involved Marshall Plumley and Davi Michl.

### *Ecological Sustainability and Restoration*

#### Systemic/Reach Planning

UMRBA staff continue to participate in the NESP System Planning Team and individual floodplain reach planning efforts. The reach teams have begun meeting in-person to illuminate restoration priorities.

In addition, a group of non-governmental organizations hosted a series of public listening sessions for the purpose of connecting people with the NESP reach planning process. The convenings were hosted by Audubon and supported through a network of other conservation organizations. The events were scheduled in La Crosse on September 22, Quad Cities on October 1, and St. Louis on October 8. UMRBA staff attended the listening session in La Crosse.

## **Hazardous Spills Emergency Management**

### *Oil Pollution Act (OPA) Planning and Mapping*

UMRBA incorporated updates to the Inland Sensitivity Atlas (ISA) for Wisconsin as well as updates received from the Great Lakes Commission (GLC) for Indiana. With USEPA staff furloughed, the delivery of new data is postponed until the FY 2026 federal appropriations impasse is resolved.

Staff participated in monthly Mapping Group meetings on September 8 and October 6, 2025. The November meeting is canceled.

UMRBA supported spill response planning in the Minneapolis/St. Paul Sub-area. Staff took part in a UP Railroad full-scale exercise held in South Saint Paul on September 10, 2025. Participants simulated a response to an oil release from a train derailment impacting the Mississippi River. Staff hosted the virtual component of a tabletop exercise held in East Grant Forks on September 23, 2025. The exercise simulated response to a release of crude oil from a pipeline crossing the Red River.

### *Upper Mississippi River Hazardous Spills Coordination Group (UMR Spills Group)*

UMRBA staff led field validation of spill response strategies in UMR Pool 16 on September 4, 2025. Participants included responders from USCG, USEPA, Iowa DNR, Illinois EPA, and Muscatine (Iowa) Fire and Rescue.

The UMR Spills Group has scheduled its virtual fall meeting for December 18, 2025. Topics expected to be covered include impacts of the federal shutdown, flood impacts on response, recent spills, and potential 2026 work.

## **Water Quality**

### *Interstate Water Quality Monitoring Program*

UMRBA is coordinating a one-year project to implement the fixed site monitoring component of its UMR Interstate Water Quality Monitoring Plan. Monthly sampling began in October 2025. UMRBA is

convening regular planning sessions among the state agency staff involved in implementing the fixed site monitoring.

#### *Hypoxia Task Force Coordinating Committee*

UMRBA staff participated in a workshop of the Hypoxia Task Force Coordinating Committee, convened by USEPA on September 22-23 in Washington, D.C. USEPA facilitated discussion regarding various the progress, products, and future direction of the Coordinating Committee's various workgroups, outputs of the Gulf Hypoxia Program, nutrient load reduction trend estimates, and other visualization and communications projects and priorities.

## **Integrated River Projects**

#### *Water Resources Database Development*

Per resources from the USEPA Exchange Network grant, UMRBA has entered into a contractual relationship with an organization to develop a UMRBA water resources database. The two central purposes of the project are to build the infrastructure needed to house UMRBA's water resource datasets and to increase the Association's future capacity for supporting interstate data collection and data sharing efforts. UMRBA staff are currently working with the contractor to build out the database as well as a web-based app to support the states' input of water quality monitoring data.

#### *Informal Public Use Mapping Project*

With financial support from Missouri DNR, UMRBA completed a project to create geospatial information about informal public use of the river. This includes where people fish, hunt, gather other food resources, recreate, and so forth in areas beyond those located in formal public access places or beaches. This new data will be used to enhance understanding of river uses to support future work in public safety, outreach efforts, planning, and conservation.

UMRBA published the information on UMRBA's website, including a GIS-based storymap, explaining the purpose of the data set to improve emergency notifications associated with a hazardous materials release or other outreach with important public health information. The storymap and data can be accessed at this weblink: <https://umrba.org/informal-public-use-areas>.

## **Communications and Partnership Collaboration**

#### *Meetings, Events, and Partnership Collaborations*

UMRBA staff participated in national and regional collaborations through the following forums:

- The Mississippi River Watershed Partnership Workshop, convened by America's Watershed Initiative and The Nature Conservancy, on August 25-27 in St. Louis, Missouri. UMRBA staff connected virtually.
- Human Dimensions of Wildlife Conference on September 7-10 in Estes Park, Colorado.
- The Cooperative Institute for Research to Operations in Hydrology (CIROH) annual meeting on September 15-17 in Tuscaloosa, Alabama.
- The Mississippi River Cities and Towns Initiative (MRCTI) annual meeting on September 16-18 in St. Paul, Minnesota.

- Interagency Freshwater Harmful Algal Bloom (HAB) Research and Development Workshop on September 23-25 in Seattle, Washington.
- Drought and Health National Workshop on September 30 – October 1 in St. Paul, Minnesota.
- Interstate Council on Water Policy (ICWP) annual meeting on October 14-16 in Atlanta, Georgia.
- Midwest Climate Resilience Conference on October 15-18 in Milwaukee, Wisconsin.
- Illinois Nutrient Loss Reduction Strategy Annual Partnership Conference on November 5 in Champaign, Illinois.

## **Financial and Administrative Report**

### *UMRBA Financial Report*

Attached as page B-6 is UMRBA Treasurer Jason Tidemann's statement regarding his review of UMRBA's financial statement for the period of July 1, 2025 to September 30, 2025.

Attached as pages B-7 to B-14 are UMRBA's 2025 and 2026 budget reports and balance sheet. As of November 6, 2025, ordinary income for FY 2026 totaled \$545,320.24 and expenses totaled \$505,127.16 for net ordinary income of \$40,193.08. As of this date, UMRBA's cash assets totaled \$112,723.69.

## Natalie Lenzen, UMRBA

---

**From:** Tidemann, Jason (DNR) <jason.tidemann@state.mn.us>  
**Sent:** Monday, November 10, 2025 10:45 AM  
**To:** Natalie Lenzen, UMRBA  
**Subject:** RE: UMRBA July 1 - Sept 30 Treasurer Report

Hello,

As Treasurer, I have reviewed the monthly financial statements for the period 7/1/25-9/30/25. Activity reported on the Balance Sheet, Profit/Loss Budget Overview, Check Register, Visa statements and Open Invoices Report provide a reasonable and consistent representation of the monthly financial activity for the referenced period.

Jason Tidemann

---

**From:** Natalie Lenzen, UMRBA <nlenzen@umrba.org>  
**Sent:** Monday, November 10, 2025 10:21 AM  
**To:** Tidemann, Jason (DNR) <jason.tidemann@state.mn.us>  
**Subject:** UMRBA July 1 - Sept 30 Treasurer Report

**This message may be from an external email source.**

Do not select links or open attachments unless verified. Report all suspicious emails to Minnesota IT Services Security Operations Center.

---

Jason –

I would like to request your statement of review of our July 2025 through September 2025 financials for the Treasurer's report in the November 18, 2025 UMRBA Board meeting packet.

Please let me know if you have any questions or need any further information.

Thank you,  
Natalie

Natalie Lenzen  
Operations Manager | Upper Mississippi River Basin Association (UMRBA)  
7900 West 78<sup>th</sup> Street, Suite 380, Edina, MN 55439  
651-224-2880 (*main office*) | 763-349-2049 (*direct*)  
Find us online at [www.umrba.org](http://www.umrba.org) or [Facebook](#)

# Upper Mississippi River Basin Association

## FY 2025 Profit & Loss Budget Overview

July 2024 - June 2025

	TOTAL		
	ACTUAL	BUDGET	OVER BUDGET
<b>Revenue</b>			
4000 State Dues			
Illinois Dues	67,000.00	67,000.00	0.00
Iowa Dues	67,000.00	67,000.00	0.00
Minnesota Dues	67,000.00	67,000.00	0.00
Missouri Dues	67,000.00	67,000.00	0.00
Wisconsin Dues	67,000.00	67,000.00	0.00
WQ Assessment	108,000.00	108,000.00	0.00
<b>Total 4000 State Dues</b>	<b>443,000.00</b>	<b>443,000.00</b>	<b>0.00</b>
4100 Contracts and Grants			
Exchange Network Grant (IL)	19,663.87	25,400.00	-5,736.13
Interstate WQ Pilot	35,162.08	44,240.00	-9,077.92
Miss River Partnership (AWI)	1,000.00	1,000.00	0.00
UMN CIROH	54,383.87	49,650.00	4,733.87
USACE (NESP)	259,443.48	250,000.00	9,443.48
USACE (UMRR)	130,251.21	130,000.00	251.21
USEPA (HTF)	133,735.96	136,000.00	-2,264.04
USEPA (OPA)	211,581.30	223,815.00	-12,233.70
USEPA (OWOW)	3,962.61	4,000.00	-37.39
USGS Nature-Based Solutions	6,719.92	6,720.00	-0.08
<b>Total 4100 Contracts and Grants</b>	<b>855,904.30</b>	<b>870,825.00</b>	<b>-14,920.70</b>
4200 Interest Income			
Short Term Interest			
Short Term (Brokerage Account)	15,288.56	20,000.00	-4,711.44
Short Term (CD)	1,351.66	1,540.00	-188.34
Short Term (Checking)	1,438.33	0.00	1,438.33
Short Term (Sweep)	69.11	75.00	-5.89
<b>Total Short Term Interest</b>	<b>18,147.66</b>	<b>21,615.00</b>	<b>-3,467.34</b>
<b>Total 4200 Interest Income</b>	<b>18,147.66</b>	<b>21,615.00</b>	<b>-3,467.34</b>
4300 Other Income			
Meeting Meals Income	780.00		780.00
Miscellaneous Income	49.00		49.00
<b>Total 4300 Other Income</b>	<b>829.00</b>		<b>829.00</b>
<b>Total Revenue</b>	<b>\$1,317,880.96</b>	<b>\$1,335,440.00</b>	<b>\$ -17,559.04</b>
<b>GROSS PROFIT</b>	<b>\$1,317,880.96</b>	<b>\$1,335,440.00</b>	<b>\$ -17,559.04</b>
<b>Expenditures</b>			
5001 Payroll Expenses			
Accrued Vacation	15,064.02		15,064.02
Accrued Vacation FICA	1,152.41		1,152.41
Benefits	3,438.22		3,438.22
ICHRA	10,850.53		10,850.53
Salary	963,908.95	989,461.47	-25,552.52

# Upper Mississippi River Basin Association

## FY 2025 Profit & Loss Budget Overview

July 2024 - June 2025

	TOTAL		
	ACTUAL	BUDGET	OVER BUDGET
SocSec Company	1,551.06		1,551.06
Taxes	75,286.57	76,683.26	-1,396.69
<b>Total 5001 Payroll Expenses</b>	<b>1,071,251.76</b>	<b>1,066,144.73</b>	<b>5,107.03</b>
5002 Benefits Administration	1,964.00	1,308.00	656.00
5100 Space Rental			
Office Rental	67,553.00	68,520.48	-967.48
<b>Total 5100 Space Rental</b>	<b>67,553.00</b>	<b>68,520.48</b>	<b>-967.48</b>
5101 Legal and Financial			
Bank Charges	31.50	35.00	-3.50
Insurance	7,921.50	6,235.00	1,686.50
Legal and Tax Services	12,500.00	12,500.00	0.00
<b>Total 5101 Legal and Financial</b>	<b>20,453.00</b>	<b>18,770.00</b>	<b>1,683.00</b>
5102 Telephone/Communications	12,057.92	11,260.00	797.92
5103 Communications/Publications	56,208.00	46,000.00	10,208.00
5104 Equipment			
Equipment (Maint./Rental)	5,870.15	5,000.00	870.15
Equipment (Purchase)		0.00	0.00
<b>Total 5104 Equipment</b>	<b>5,870.15</b>	<b>5,000.00</b>	<b>870.15</b>
5105 Supplies	5,082.26	5,200.00	-117.74
5106 Postage	103.04	125.00	-21.96
5107 Other Services	7,442.04	7,500.00	-57.96
5108 Relocation Expenses	2,850.40		2,850.40
5200 Meeting Expenses	11,590.17	11,000.00	590.17
5201 Travel	37,276.69	35,000.00	2,276.69
5202 State Travel Reimbursement			
Illinois	3,881.89	5,000.00	-1,118.11
Iowa	444.02	5,000.00	-4,555.98
Minnesota		5,000.00	-5,000.00
Missouri	2,815.25	5,000.00	-2,184.75
State WQ Travel		3,500.00	-3,500.00
Wisconsin	1,637.01	5,000.00	-3,362.99
<b>Total 5202 State Travel Reimbursement</b>	<b>8,778.17</b>	<b>28,500.00</b>	<b>-19,721.83</b>
5300 OPA Expenses			
Equipment (Maint./Rental) OPA	575.00	600.00	-25.00
Equipment OPA		0.00	0.00
Travel OPA	306.95	300.00	6.95
<b>Total 5300 OPA Expenses</b>	<b>881.95</b>	<b>900.00</b>	<b>-18.05</b>
5301 USGS Nature-Based Solutions			
Other Contractual Services	1,210.50	1,210.00	0.50
<b>Total 5301 USGS Nature-Based Solutions</b>	<b>1,210.50</b>	<b>1,210.00</b>	<b>0.50</b>
5302 USEPA NRS Workshops			
Communications	150.00	150.00	0.00

# Upper Mississippi River Basin Association

## FY 2025 Profit & Loss Budget Overview

July 2024 - June 2025

	TOTAL		
	ACTUAL	BUDGET	OVER BUDGET
<b>Total 5302 USEPA NRS Workshops</b>	<b>150.00</b>	<b>150.00</b>	<b>0.00</b>
5303 Interstate WQ Expenses			
Other Interstate WQ	46.97		46.97
<b>Total 5303 Interstate WQ Expenses</b>	<b>46.97</b>		<b>46.97</b>
5304 USEPA Gulf Hypoxia			
Contractual	9,450.00	10,000.00	-550.00
Other Gulf Hypoxia		0.00	0.00
Supplies		0.00	0.00
Travel	1,121.12	1,000.00	121.12
<b>Total 5304 USEPA Gulf Hypoxia</b>	<b>10,571.12</b>	<b>11,000.00</b>	<b>-428.88</b>
5305 USACE NESP			
Other NESP	45,225.00	40,500.00	4,725.00
Travel	5,196.25	5,200.00	-3.75
<b>Total 5305 USACE NESP</b>	<b>50,421.25</b>	<b>45,700.00</b>	<b>4,721.25</b>
5306 CIROH UMRS			
Contractual	15,138.21	6,500.00	8,638.21
Other CIROH		0.00	0.00
Supplies	708.68	600.00	108.68
<b>Total 5306 CIROH UMRS</b>	<b>15,846.89</b>	<b>7,100.00</b>	<b>8,746.89</b>
5307 Exchange Network			
Contractual	1,800.00	6,150.00	-4,350.00
<b>Total 5307 Exchange Network</b>	<b>1,800.00</b>	<b>6,150.00</b>	<b>-4,350.00</b>
5999 Miscellaneous Expense	125.01		125.01
<b>Total Expenditures</b>	<b>\$1,389,534.29</b>	<b>\$1,376,538.21</b>	<b>\$12,996.08</b>
NET OPERATING REVENUE	<b>\$ -71,653.33</b>	<b>\$ -41,098.21</b>	<b>\$ -30,555.12</b>
NET REVENUE	<b>\$ -71,653.33</b>	<b>\$ -41,098.21</b>	<b>\$ -30,555.12</b>

# Upper Mississippi River Basin Association

## FY 2026 Profit & Loss Budget Overview

July 2025 - June 2026

	TOTAL		
	ACTUAL	BUDGET	OVER BUDGET
<b>Revenue</b>			
4000 State Dues			
Illinois Dues	70,350.00	70,350.00	0.00
Iowa Dues	21,105.00	70,350.00	-49,245.00
Minnesota Dues	17,587.50	70,350.00	-52,762.50
Missouri Dues	62,611.50	70,350.00	-7,738.50
Wisconsin Dues	70,350.00	70,350.00	0.00
WQ Assessment	45,360.00	113,400.00	-68,040.00
<b>Total 4000 State Dues</b>	<b>287,364.00</b>	<b>465,150.00</b>	<b>-177,786.00</b>
4100 Contracts and Grants			
Exchange Network Grant (IL)	8,427.56	210,000.00	-201,572.44
Interstate Monitoring (Mult)	19,484.91	55,000.00	-35,515.09
Interstate WQ Pilot	9,837.92		9,837.92
UMN CIROH	52,492.19	230,000.00	-177,507.81
USACE (NESP)	55,438.88	72,000.00	-16,561.12
USACE (UMRR)	0.00	210,000.00	-210,000.00
USEPA (HTF)	40,753.75	133,000.00	-92,246.25
USEPA (OPA)	70,310.74	250,000.00	-179,689.26
<b>Total 4100 Contracts and Grants</b>	<b>256,745.95</b>	<b>1,160,000.00</b>	<b>-903,254.05</b>
4200 Interest Income			
Short Term Interest			
Short Term (Brokerage Account)		20,000.00	-20,000.00
Short Term (CD)	794.98	1,500.00	-705.02
Short Term (Checking)	295.34	4,500.00	-4,204.66
Short Term (Sweep)	5.30	500.00	-494.70
<b>Total Short Term Interest</b>	<b>1,095.62</b>	<b>26,500.00</b>	<b>-25,404.38</b>
<b>Total 4200 Interest Income</b>	<b>1,095.62</b>	<b>26,500.00</b>	<b>-25,404.38</b>
4300 Other Income			
Meeting Meals Income	114.67		114.67
<b>Total 4300 Other Income</b>	<b>114.67</b>		<b>114.67</b>
<b>Total Revenue</b>	<b>\$545,320.24</b>	<b>\$1,651,650.00</b>	<b>\$ -1,106,329.76</b>
<b>GROSS PROFIT</b>	<b>\$545,320.24</b>	<b>\$1,651,650.00</b>	<b>\$ -1,106,329.76</b>
<b>Expenditures</b>			
5001 Payroll Expenses			
Benefits	-9,983.93		-9,983.93
ICHRA	5,117.59		5,117.59
Salary	369,582.24	1,037,571.11	-667,988.87
SocSec Company	-3,309.67		-3,309.67
Taxes	30,989.11	81,954.19	-50,965.08
<b>Total 5001 Payroll Expenses</b>	<b>392,395.34</b>	<b>1,119,525.30</b>	<b>-727,129.96</b>
5002 Benefits Administration	550.00	1,958.00	-1,408.00
5100 Space Rental			

# Upper Mississippi River Basin Association

## FY 2026 Profit & Loss Budget Overview

July 2025 - June 2026

	TOTAL		
	ACTUAL	BUDGET	OVER BUDGET
Office Rental	26,707.52	70,000.00	-43,292.48
<b>Total 5100 Space Rental</b>	<b>26,707.52</b>	<b>70,000.00</b>	<b>-43,292.48</b>
5101 Legal and Financial			
Bank Charges		25.00	-25.00
Insurance	6,285.26	8,000.00	-1,714.74
Legal and Tax Services		3,000.00	-3,000.00
<b>Total 5101 Legal and Financial</b>	<b>6,285.26</b>	<b>11,025.00</b>	<b>-4,739.74</b>
5102 Telephone/Communications	6,295.41	12,000.00	-5,704.59
5103 Communications/Publications	18,238.00	20,000.00	-1,762.00
5104 Equipment			
Equipment (Maint./Rental)	689.99	3,000.00	-2,310.01
<b>Total 5104 Equipment</b>	<b>689.99</b>	<b>3,000.00</b>	<b>-2,310.01</b>
5105 Supplies	1,213.04	5,500.00	-4,286.96
5106 Postage		100.00	-100.00
5107 Other Services	4,500.00	7,500.00	-3,000.00
5200 Meeting Expenses	4,648.57	12,000.00	-7,351.43
5201 Travel	5,867.69	40,000.00	-34,132.31
5202 State Travel Reimbursement			
Illinois	227.36	5,000.00	-4,772.64
Iowa		5,000.00	-5,000.00
Minnesota		5,000.00	-5,000.00
Missouri		5,000.00	-5,000.00
State WQ Travel		3,500.00	-3,500.00
Wisconsin		5,000.00	-5,000.00
<b>Total 5202 State Travel Reimbursement</b>	<b>227.36</b>	<b>28,500.00</b>	<b>-28,272.64</b>
5300 OPA Expenses			
Equipment (Maint./Rental) OPA	500.00	1,000.00	-500.00
Equipment OPA		500.00	-500.00
Other OPA	450.00	1,000.00	-550.00
Travel OPA	196.63		196.63
<b>Total 5300 OPA Expenses</b>	<b>1,146.63</b>	<b>2,500.00</b>	<b>-1,353.37</b>
5304 USEPA Gulf Hypoxia			
Contractual	1,050.00	5,300.00	-4,250.00
Supplies		1,050.00	-1,050.00
Travel	5,694.21	2,500.00	3,194.21
<b>Total 5304 USEPA Gulf Hypoxia</b>	<b>6,744.21</b>	<b>8,850.00</b>	<b>-2,105.79</b>
5305 USACE NESP			
Other NESP	6,150.00	12,000.00	-5,850.00
Travel	3,702.65	2,500.00	1,202.65
<b>Total 5305 USACE NESP</b>	<b>9,852.65</b>	<b>14,500.00</b>	<b>-4,647.35</b>
5306 CIROH UMRS			
Contractual	6,000.00	74,000.00	-68,000.00

# Upper Mississippi River Basin Association

## FY 2026 Profit & Loss Budget Overview

July 2025 - June 2026

	ACTUAL	TOTAL	
		BUDGET	OVER BUDGET
Other CIROH		3,500.00	-3,500.00
Supplies		740.00	-740.00
Travel	5,343.59	400.00	4,943.59
<b>Total 5306 CIROH UMRS</b>	<b>11,343.59</b>	<b>78,640.00</b>	<b>-67,296.41</b>
5307 Exchange Network			
Contractual	7,560.00	145,000.00	-137,440.00
Supplies		250.00	-250.00
Travel	173.52	1,000.00	-826.48
<b>Total 5307 Exchange Network</b>	<b>7,733.52</b>	<b>146,250.00</b>	<b>-138,516.48</b>
5308 Interstate WQ Monitoring			
Supplies	688.38		688.38
<b>Total 5308 Interstate WQ Monitoring</b>	<b>688.38</b>		<b>688.38</b>
<b>Total Expenditures</b>	<b>\$505,127.16</b>	<b>\$1,581,848.30</b>	<b>\$ -1,076,721.14</b>
NET OPERATING REVENUE	<b>\$40,193.08</b>	<b>\$69,801.70</b>	<b>\$ -29,608.62</b>
NET REVENUE	<b>\$40,193.08</b>	<b>\$69,801.70</b>	<b>\$ -29,608.62</b>

# Upper Mississippi River Basin Association

## Balance Sheet

As of November 6, 2025

	TOTAL
<b>ASSETS</b>	
Current Assets	
Bank Accounts	
Checking HT 2732	112,723.69
Investment	
Brokerage Account	309,558.23
CD_2 HT	53,334.14
<b>Total Investment</b>	<b>362,892.37</b>
<b>Total Bank Accounts</b>	<b>\$475,616.06</b>
Accounts Receivable	
Contract/grants	0.00
Invoiced/Billable	190,593.75
<b>Total Contract/grants</b>	<b>190,593.75</b>
<b>Total Accounts Receivable</b>	<b>\$190,593.75</b>
Other Current Assets	
Payroll Refunds	1.33
Prepaid Expense	8.00
Office Rental Prepaid Expense	-3,876.01
<b>Total Prepaid Expense</b>	<b>-3,868.01</b>
<b>Total Other Current Assets</b>	<b>\$ -3,866.68</b>
<b>Total Current Assets</b>	<b>\$662,343.13</b>
Fixed Assets	
604(b) Equipment	3,683.12
Accum. Deprec. 604(b)	-1,520.51
Accum. Deprec. OPA	-22,941.95
Accum. Deprec. STC	-3,885.00
Accum. Deprec. UMRBA	-33,424.52
Accum. Deprec. WQ	-1,290.00
OPA Equipment	27,744.64
STC Equipment	4,332.67
UMRBA Equipment	94,681.64
WQ Equipment	1,290.00
<b>Total Fixed Assets</b>	<b>\$68,670.09</b>
<b>TOTAL ASSETS</b>	<b>\$731,013.22</b>

# Upper Mississippi River Basin Association

## Balance Sheet

As of November 6, 2025

	TOTAL
<b>LIABILITIES AND EQUITY</b>	
Liabilities	
Current Liabilities	
Credit Cards	
Visa Chase 5294	1,447.88
<b>Total Credit Cards</b>	<b>\$1,447.88</b>
Other Current Liabilities	
Deferred MO DoC (WLM) Revenue	4,206.05
Office Expense Liabilities	0.00
Travel Expense	1,619.60
<b>Total Office Expense Liabilities</b>	<b>1,619.60</b>
Payroll Liabilities	0.00
Accrued Vacation	80,869.17
Accrued Vacation FICA	6,186.50
Federal Withholding	189.00
Medicare	
Medicare Company	39.17
Medicare Employee	39.17
<b>Total Medicare</b>	<b>78.34</b>
MN Income Tax	1,206.17
MN Unemployment Taxes	282.46
Social Security	
SocSec Company	167.50
SocSec Employee	167.50
<b>Total Social Security</b>	<b>335.00</b>
SUTA (Minnesota UC)	325.51
Workforce Enhancement Fee	334.97
<b>Total Payroll Liabilities</b>	<b>89,807.12</b>
<b>Total Other Current Liabilities</b>	<b>\$95,632.77</b>
<b>Total Current Liabilities</b>	<b>\$97,080.65</b>
<b>Total Liabilities</b>	<b>\$97,080.65</b>
Equity	
Retained Earnings	557,412.39
Net Revenue	76,520.18
<b>Total Equity</b>	<b>\$633,932.57</b>
<b>TOTAL LIABILITIES AND EQUITY</b>	<b>\$731,013.22</b>

# Upper Mississippi River Quarterly Meetings

## Attachment C

### Water Availability

<b>Page Number</b>	<b>Document Title</b>
C-1 to C-2	UMRBA Water Availability Project News Release (11-2024)
C-3 to C-7	Mississippi River Cities and Towns Initiative Water Security Initiative News Announcement (9-2023)
C-8	Missouri Water Preservation Act Legislation Text (7-2025)
C-9 to C10	Missouri Water Preservation Governor Mike Kehoe Press Release (7-2025)
C-11 to C-12	Missouri Water Preservation Missouri Soybean Association Press Release (7-2025)
C-13	Center for Water Security and Cooperation Mighty Mississippi Leaders Network (7-2025)
C-14 to C-16	Center for Water Security and Cooperation Interstate Water Compacts Information Briefing (9-2025)



## PRESS RELEASE

November 21, 2024

Contact: Kirsten Wallace, Executive Director  
Upper Mississippi River Basin Association  
(651) 224-2880, [kwallace@umrba.org](mailto:kwallace@umrba.org)

### **Connecting Water Flows in the Watershed to the Upper Mississippi River 9-Foot Navigation Channel**

The Upper Mississippi River Basin Association (UMRBA) and several partner organizations are launching a project that will identify which basin watersheds have greater impacts on river flows that support the nine-foot navigation channel essential to commercial barge traffic on the river.

U.S. Geological Survey is providing \$600,000 to support the project. The University of Minnesota will conduct the hydrologic analysis. UMRBA will facilitate interstate coordination. The states of Illinois, Iowa, Minnesota, Missouri, and Wisconsin will provide technical expertise to the University of Minnesota. U.S. Geological Survey will also provide technical expertise to the states and the University of Minnesota, as they explore how the information can be used to support decision making.

The objectives of this project are to:

- 1) Estimate the existing hydrologic flows from the basin watersheds into the Upper Mississippi River System navigation channel
- 2) Determine the thresholds of discharge in various reaches at which negative impacts may occur to the UMRS navigation channel (including duration and frequency of occurrence)
- 3) Explore how diversions and consumptive uses might affect the hydrologic flows from the basin watersheds into the UMRS navigation channel
- 4) Scope follow-on research goals for assessing the implications of limited water availability analysis for river products and services beyond the UMRS navigation channel – e.g., impacts to drinking water, recreation, and aquatic ecosystem health of the UMRS
- 5) Convene interstate conversations among Illinois, Iowa, Minnesota, Missouri, and Wisconsin technical experts and agency leaders to a) learn the research findings, b) relate the research findings to management and policy decision making, and c) recommend principles and policies for cooperative and effectively managing the water resources of the Upper Mississippi River basin

In a related project, Illinois DNR secured a \$282,000 grant from the U.S. Environmental Protection Agency to build a database infrastructure that will store the water quantity data from Illinois, Iowa, Minnesota, Missouri, and Wisconsin. The database will allow the data to be readily accessible and available for basin-scale analyses.

Beyond this initial partnership project, UMRBA hopes to expand assessments to examine future climate conditions and the implications of water availability to the river's many different water uses.

***About the Upper Mississippi River Basin Association*** — The Upper Mississippi River Basin Association (UMRBA) is a five-state interstate organization formed by the Governors of Illinois, Iowa, Minnesota, Missouri, and Wisconsin to coordinate the states' river-related programs and policies and work with federal agencies that have river responsibilities. The UMRBA is structured as a 501(c) non-profit association, with the Board of Directors composed of Governor-appointed representatives and alternatives. For more information about UMRBA, visit its website at [www.umbra.org](http://www.umbra.org).

CLIMATE

# Dry states taking Mississippi River water isn't a new idea. But some mayors want to kill it



Dredge Jadwin, a U.S. Army Corps of Engineers dredging vessel, powers south down the Mississippi River, Oct. 19, 2022, past Commerce, Mo. Diverting Mississippi River water to states struggling with water scarcity isn't a new idea. But

ST. LOUIS (AP) — Community leaders along the Mississippi River worried that dry southwestern states will someday try to take the river's water may soon take their first step toward blocking such a diversion.

Mayors from cities along the river are expected to vote on whether to support a new compact among the river's 10 states at this week's annual meeting of the Mississippi River Cities and Towns Initiative, according to its executive director Colin Wellenkamp. Supporters of a compact hope it will strengthen the region's collective power around shared goals like stopping water from leaving the corridor.

"It is the most important working river on earth," said Wellenkamp. "It's a matter of national security that the Mississippi River corridor remain intact, remain sustainable and remain ecologically and hydrologically healthy."

[The Southwest has long struggled to find enough water](#) for its growing population in a region prone to drought that climate change is making worse. [Transporting water from the Mississippi River](#) basin, which drains roughly 40% of the continental United States, has always been a long shot that many say isn't practical or remotely cost-effective. But Wellenkamp worries that conversation around the idea hasn't stopped.

A formal compact is still far off. The mayors' support would be just the first step in a lengthy, politically fraught process that would require buy-in from all 10 states along the river and federal approval, experts said. Those states range from left-leaning states like Minnesota, where the river begins, to thoroughly conservative states like Louisiana, where it empties into the Gulf of Mexico.



## **As Amazon's 'flying rivers' weaken with tree loss, scientists warn of worsening droughts**

The others are Wisconsin, Iowa, Illinois, Missouri, Kentucky, Tennessee, Arkansas and Mississippi.

Proponents say a compact would protect the river's water levels and ecology, make it easier to coordinate when floods or other disaster strikes and provide a way to resolve conflict among the river states. A favorable vote would ask the Mississippi River Cities and Towns Initiative to pursue a new river compact, according to a draft copy of the motion.

"This is not going to be easy and it's not going to happen overnight," said Wellenkamp. "But, you know, every journey begins with a first step and a cash advance, I like to say."

Fear of water export has ignited political action before. Plans by a Canadian company in the 1990s to fill up tankers with Great Lakes water and ship it to Asia "was probably the tipping point" for establishing the Great Lakes Compact that went into effect in 2008. It strengthened cooperation among Great Lakes states that work with two Canadian provinces to manage water from the lakes effectively, monitor its use and prevent it from leaving the basin.

“The Great Lakes are better protected today than they ever have been before,” said David Strifling, director of Marquette Law School’s Water Law and Policy Initiative.

But Strifling said it was difficult to get an agreement together decades ago and it would be even harder to do so now “just due to the increased level of political polarization that exists.”

Wellenkamp said a Mississippi River compact, besides blocking diversions, would ensure that nearby water users also act in a sustainable way.

[The river’s water levels can be precarious](#). Last fall, they fell so low that they disrupted ship and barge traffic that moved soybeans, corn and other goods downriver for export. Much of the river is once again facing drought.

People realize that the river “is not some stable resource,” said Melissa Scanlan, director for the Center for Water Policy at the University of Wisconsin-Milwaukee.

“People are aware of how those low levels on the Mississippi River affect commerce and the communities,” she said.

There are protections against some water diversions now. If one of the five states on the upper portion of the river wants to move large amounts of water out of the basin, it must notify and consult with the other four states first. The Upper Mississippi River Basin Association has existed for decades to foster cooperative management of the river. Currently, there’s an effort to quantify water use among the upper basin states and understand how that use affects the river, officials said.

John Fleck, a water expert at the Utton Center at the University of New Mexico School of Law, said he is rooting for a Mississippi River compact so that what he calls the unworkable idea of a water pipeline to the west will die.

“This is a waste of our time because (diversion) is magical thinking and it will never happen,” he said.

Jennifer Gimbel, senior water policy scholar at Colorado State University, said the obstacles to a pipeline are high. It would need approval from Congress and from legislatures in each state it passes through, payments for landowners and condemnation procedures for those who didn’t want the pipeline through their properties, and expensive permitting. Then there is the engineering nightmare and huge costs of moving huge amounts of water west.

“It becomes pretty complicated real fast,” Gimbel said.

The talk of diverting water to the Southwest will hopefully “light a fire under some states” to approve a Mississippi River compact, said Olivia Dorothy, director of river restoration with the conservation group American Rivers.

Diverting water can harm the river’s ecology, depriving species of the water they rely on. It could also slow the movement of sediment that’s vital to the health of Louisiana and the Gulf of Mexico, among many other problems, she said.

Dorothy said a compact would be a good way to say “this is our water.”

“If you want the Mississippi River water, you can move here,” she said.

—

The Associated Press receives support from the Walton Family Foundation for coverage of water and environmental policy. The AP is solely responsible for all content. For all of AP’s environmental coverage, visit <https://apnews.com/hub/climate-and-environment>

### **MICHAEL PHILLIS**

Phillis is an Associated Press reporter covering the environment with a focus on water.



### **JIM SALTER**

Salter is responsible for covering news in Missouri, including death penalty coverage, politics and other key issues. He assists with coverage in six other states – Kansas, Nebraska, Iowa, North Dakota, South Dakota and Minnesota.



## Bill

Bill > **SB82**▼ **MO SB82**

Creates provisions relating to water preservation in the state

Views: **320** **339** **364**  
In the last WEEK MONTH TOTAL**SUMMARY** **BILL TEXT** **ACTIONS** **VOTES** **DOCUMENTS** **COMMITTEES**Introduced  
01/08/2025In Committee  
05/07/2025Crossed Over  
03/06/2025Passed  
07/14/2025

Dead

Signed/Enacted/Adopted  
07/14/2025**Introduced Session**

2025 Regular Session

**i** Potential new amendment**Bill Summary**

Creates provisions relating to water preservation in the state

**AI Summary**

This bill creates a comprehensive regulatory framework for water exportation from Missouri, establishing a detailed permitting process managed by the Missouri Department of Natural Resources and the state soil and water districts commission. The bill requires any person seeking to export water outside the state to obtain a water exportation permit, with specific exemptions for water uses within 30 miles of the state border and bottled water. The permit application process involves rigorous evaluation criteria, including assessing water resource availability, demonstrating present need and beneficial use, ensuring no interference with in-state water needs, and prioritizing Missouri's water requirements over out-of-state demands. The permit is valid for three years, requires annual reporting of water use volumes and rates, and can be renewed through a similar application process. The bill also provides mechanisms for reevaluation of existing permits, especially during state emergencies like drought conditions, and allows the department to modify or revoke permits if they negatively impact state water resources. Additionally, the legislation includes provisions for public notification, public comment periods, and potential legal actions to enforce water rights, with the attorney general empowered to bring injunctive actions if violations are suspected.

**Committee Categories**

Agriculture and Natural Resources, Budget and Finance, Government Affairs

**Sponsors (2)**Jamie Burger (R)\*, Cameron Parker (R)**Last Action**

Signed by Governor (on 07/14/2025)

**Official Document**[https://www.senate.mo.gov/25info/BTS\\_Web/Bill.aspx?SessionType=R&BillID=193](https://www.senate.mo.gov/25info/BTS_Web/Bill.aspx?SessionType=R&BillID=193)



# GOVERNOR KEHOE SIGNS PRO-AGRICULTURE LEGISLATION SUPPORTING MISSOURI'S FARMERS AND RURAL COMMUNITIES



(mailto:?subject=Governor%20Kehoe%20Signs%20Pro-

Agriculture%20Legislation%20Supporting%20Missouri%27s%20Farmers%20and%20Rural%20Communities&body=Check  
out this site <https://governor.mo.gov/press-releases/archive/governor-kehoe-signs-pro-agriculture-legislation-supporting-missouri>)

JULY 14, 2025

**JEFFERSON CITY** — Today, Governor Mike Kehoe signed Senate Bills (SB) 79 and 82, reflecting his commitment to protect Missouri's farmers and strengthen rural communities.

"Agriculture and rural communities are the backbone of Missouri," said **Governor Kehoe**. "By expanding health care access and protecting our water resources for future generations, these bills ensure that the families who feed, fuel, and clothe this state have the support they need to keep doing what they do best."

Governor Kehoe signed **SB 79** at the Missouri Farm Bureau Headquarters in Jefferson City, where he was joined by rural health advocates, legislators, and members of Missouri agriculture community. The legislation, sponsored by **Senator Kurtis Gregory** and **Representative Brad Pollitt**, modifies provisions relating to health care.

- Establishes a regulatory framework for health benefit contracts offered by membership organizations.
- Mandates MO HealthNet coverage of medically necessary cochlear implants and hearing instruments for all eligible participants.
- Ensures patients can access telehealth services using audio-only technology and prevents restrictions that limit care to specific corporate platforms.
- Improves prenatal testing protocols to align with current medical standards and ensure timely care for expectant mothers.

These provisions will improve health outcomes while reducing barriers for families, farmers, and seniors living in rural and remote areas.

**SB 82**, sponsored by **Senator Jamie Burger** and **Representative Cameron Parker**, creates provisions relating to water preservation in the state. The bill signing took place at the Center for Soy Innovation with legislators, conservation leaders, and Missouri farmers in attendance.

- Creates a regulatory framework within the Department of Natural Resources for the exportation of Missouri waters to better monitor, manage, and limit the use of Missouri's water outside the state.
- Preserves and protects Missouri's water resources for agricultural, commercial, and municipal use.

With agriculture relying heavily on water access, the legislation ensures Missouri is proactive and protective of its long-term water security.

For more information on the legislation and additional provisions signed into law, visit [house.mo.gov](https://house.mo.gov)

([https://urldefense.com/v3/\\_https://links-1.govdelivery.com/CL0/https:\\*2F\\*2Fhouse.mo.gov\\*2FBillStatisticList.aspx\\*3Fin=500\\*26out=/1/01000197ccfa39bb-876b0931-6038-40d2-bbee-d53b134084d6-000000/vjm329yPIHYKOGT6UceBusZfpOYOMbGOsIXyblZ68aY=412\\_!\\_jSUIJSU!!!\\_2Np51FQg!n77EI47\\_aT\\_cjeytsadTTDbv5VPu16l0TqUXw6100lq](https://urldefense.com/v3/_https://links-1.govdelivery.com/CL0/https:*2F*2Fhouse.mo.gov*2FBillStatisticList.aspx*3Fin=500*26out=/1/01000197ccfa39bb-876b0931-6038-40d2-bbee-d53b134084d6-000000/vjm329yPIHYKOGT6UceBusZfpOYOMbGOsIXyblZ68aY=412_!_jSUIJSU!!!_2Np51FQg!n77EI47_aT_cjeytsadTTDbv5VPu16l0TqUXw6100lq))

([https://links-1.govdelivery.com/CL0/https:\\*2F\\*2Fwww.senate.mo.gov\\*2F25info%2FBTS\\_Web%2FTrulyAgreed.aspx\\*3FSessionType=R/1/01000197ccfa39bb-876b0931-6038-40d2-bbee-d53b134084d6-000000/MWXtnWiusy\\_xonPjUU\\_tioazVYIrbpuSbqla7hScnxk=412](https://links-1.govdelivery.com/CL0/https:*2F*2Fwww.senate.mo.gov*2F25info%2FBTS_Web%2FTrulyAgreed.aspx*3FSessionType=R/1/01000197ccfa39bb-876b0931-6038-40d2-bbee-d53b134084d6-000000/MWXtnWiusy_xonPjUU_tioazVYIrbpuSbqla7hScnxk=412)). Photos from the bill signing will be

uploaded to **Governor Kehoe's Flickr page** ([https://urldefense.com/v3/\\_https://links-1.govdelivery.com/CL0/https:\\*2F\\*2Fwww.flickr.com\\*2Fphotos\\*2F201979855@N03\\*2Falbums/1/01000197ccfa39bb-876b0931-6038-40d2-bbee-d53b134084d6-000000/ASoV70tgUheSug6hw6el7AaVu0WExMDD0yO7b9zbz5M=412\\_!\\_jSUIJSU!!!\\_2Np51FQg!n77EI47\\_aT\\_cjeytsadTTDbv5VPu16l0TqUXw6100lq](https://urldefense.com/v3/_https://links-1.govdelivery.com/CL0/https:*2F*2Fwww.flickr.com*2Fphotos*2F201979855@N03*2Falbums/1/01000197ccfa39bb-876b0931-6038-40d2-bbee-d53b134084d6-000000/ASoV70tgUheSug6hw6el7AaVu0WExMDD0yO7b9zbz5M=412_!_jSUIJSU!!!_2Np51FQg!n77EI47_aT_cjeytsadTTDbv5VPu16l0TqUXw6100lq))

Additional bill signings will take place this evening. For more information on the bill signings, view **Governor Kehoe's schedule** (<https://governor.mo.gov/media-advisory/governor-kehoes-schedule-july-7-14-2025>).

###

## CONTACT US

Office of Governor Mike Kehoe

P.O. Box 720

Jefferson City, MO 65102



**OUR OFFICE**

**POPULAR SERVICES**

**GOVERNMENT**

Governor's Bio (<https://governor.mo.gov/visit-missouri/>) [www.visitmo.com](https://www.visitmo.com/) Lieutenant Governor (<https://ltgov.mo.gov/>)

Press Releases (<https://governor.mo.gov/press-releases/>) Board of Commissioners (<https://boards.mo.gov/>) State (<https://www.sos.mo.gov/>)

Legislative Actions (<https://governor.mo.gov/act/legislative-actions/>) Audit of the Auditor (<https://auditor.mo.gov/>)

Executive Orders (<https://governor.mo.gov/act/legislative-actions/>) Executive Orders (<https://treasurer.mo.gov/>)

Personal Tax Forms (<https://dor.mo.gov/foey-general/>)

Missouri State Senate (<https://www.senate.mo.gov/>)

Missouri State House (<https://house.mo.gov/>)

Missouri Courts (<https://www.courts.mo.gov/>)

U.S. Senator Josh Hawley (<https://www.hawley.senate.gov/>)

U.S. Senator Eric Schmitt (<https://www.schmitt.senate.gov/>)

Privacy Policy (<https://mo.gov/privacy-policy>)

Accessibility (<https://mo.gov/accessibility>)

Website Support (<https://mo.gov/contact-us>)

Data Policy (<https://mo.gov/data-policy>)

July 14, 2025

# Missouri Governor Mike Kehoe Signs Water Preservation Act at the Center for Soy Innovation

Missouri Governor Mike Kehoe signed the Water Preservation Act into law at the Center for Soy Innovation. This landmark legislation creates a permitting framework to monitor bulk water exports and preserve Missouri’s critical water resources. With strong support from Missouri Soybeans and agricultural leaders, the law represents a major victory for farmers and rural communities statewide.

Today, Missouri Governor Mike Kehoe officially signed the Water Preservation Act into law during a ceremony at the Missouri Soybeans’ headquarters, the Center for Soy Innovation. The bill, known as Senate Bill 82, establishes a permitting framework to track and regulate bulk water exports—an essential measure to protect Missouri’s water resources for future generations.

The signing marked a significant milestone after years of legislative advocacy and stakeholder engagement. Surrounded by farmers, legislative leaders and agricultural stakeholders, Governor Kehoe praised the bill’s pragmatic approach to balancing resource stewardship and legal compliance.

“This legislation represents smart, Missouri-driven policy that prioritizes our long-term needs,” said Gov. Kehoe. “By establishing safeguards without overstepping constitutional boundaries, we’re taking a proactive step to ensure the state’s water stays available for Missouri’s future.”



Missouri Soybeans Interim CEO Casey Wasser emphasized the bill’s importance for the state’s agricultural future.

“Water is one of Missouri agriculture’s most precious resources, and we commend Governor Kehoe for his leadership in safeguarding it,” Wasser said. “This bill is the result of years of hard work, negotiation and consensus-building. We’re proud to host today’s signing and celebrate this victory with the farmers and partners who helped make it possible.”

The Missouri Soybean Association (MSA) played a key role in advocating for the legislation alongside other agricultural organizations. Policy Chairman Ryan Wilson, a farmer from Portageville, said the bill demonstrates Missouri’s proactive approach to long-term resource management.

“This bill is a win for every Missouri farmer and for our rural communities,” Wilson said. “We can’t take water for granted—and this law helps ensure it stays where it’s needed most. We appreciate Governor Kehoe for standing with farmers.”

The signing ceremony at the Center for Soy Innovation highlighted the agricultural community’s unified support for forward-thinking policy. The new law goes into effect Aug. 28, 2025.

## Missouri Soybean Association

The Missouri Soybean Association is a statewide membership organization working to increase the profitability of Missouri soybean farmers through advocacy and education efforts across the state. To learn more, explore [mosoy.org](https://mosoy.org).

### Press Contacts:

**Samantha Turner**

[sturner@mosoy.org](mailto:sturner@mosoy.org)

573.555.1234

## A network of local and Tribal leaders built on commitment to watershed-level collaboration.

The **Mississippi River Local and Tribal Leaders Agreement** mobilizes local and Tribal leaders to inform the development of regional and local policy and collaborative solutions that will build a vibrant Mississippi River watershed that supports the communities and businesses who rely on it.

The Mississippi River is a vital artery of the United States—flowing through 10 diverse states and touching thousands of communities across 31 states. The Mississippi River is critical to the economic, environmental, community and water security of the United States. This year, the Mississippi River was listed as America’s most endangered river by American Rivers. Despite the importance of the river and the threats to its future, a unified space for local and Tribal leaders within the watershed to discuss, define, and collaborate around the future of the watershed and the communities who rely on it has not existed—until now.

The Center for Water Security and Cooperation (CWSC) has created that space—a unique, locally-led Mighty Mississippi Leaders Network to build a shared future for the Mississippi River watershed. This Network, founded on an Agreement between local leaders to steward the future of the river together, creates a shared commitment to preserve the river and the communities, jobs, and people who rely on it.

### HOW CAN I GET INVOLVED?

#### Join us as a Local or Tribal Leader

–To become a Mighty Mississippi Leader, sign the Mississippi River Local and Tribal Leaders Agreement, submit your simple Implementation Plan, and join the Mighty Mississippi Leaders Network.

#### Join us as a thought partner

–Join as a Future of the River Advisor, where you will meet like-minded visionaries and support the CWSC and local and Tribal leaders in building a future for the Mississippi River.

#### Join us as a financial sponsor

–Show your support for communities in the watershed by making a financial contribution to the CWSC. Sponsoring the Watershed’s Leaders will identify you as a key protector of the most important watershed in the country.

### THE OPPORTUNITIES

Leaders who sign the **Mississippi River Local and Tribal Leaders Agreement** become part of the **Mighty Mississippi Leaders Network**. The agreement contains a pledge to collaborate to protect the watershed and to share their existing efforts to protect the watershed. **When leaders join this vibrant group by signing the Agreement, they can:**

#### Participate in the Leaders Roundtable to define the future of the watershed.

Local and Tribal leaders will participate in a short series of discussions organized by the CWSC about the future of the Mississippi River watershed with the purpose of creating a set of shared values and principles for the Mississippi River watershed which will be used to inform future policy work at the local, state, watershed, and federal levels, including an interstate water compact.

#### Join a unique river and watershed wide network of Mississippi River watershed leaders.

Local and Tribal leaders will have a forum and space to discuss challenges and opportunities, allowing members to learn about what other communities are doing, exchange experiences and ideas, and build a network of leaders with whom you can collaborate and partner.

#### Be eligible for the Mighty Leader of the Year award and be recognized for their leadership.

Local and Tribal leaders will be eligible for the Local Leader of the Year award. The award will celebrate the work leaders are doing to protect and celebrate the Mississippi River.

#### Tell the story of the Mississippi River.

Local and Tribal leaders will work with the CWSC to tell the story of the Mississippi River, enabling communities to showcase their communities and relationship with the river and elevate challenges, solutions, and a shared connection to the watershed through videos and vignettes to inspire national attention and mobilize funding for the watershed.

#### Receive a community grant.

Local and Tribal leaders will be eligible for community grants and other opportunities as they are created to support community projects to protect and celebrate the Mississippi River.

**FOR MORE INFORMATION, VISIT [HTTPS://THECWSC.ORG/MISSISSIPPIRIVER/](https://thecwsc.org/mississippiriver/) OR CONTACT ALEXANDRA CAMPBELL-FERRARI AT [ALEXANDRA@THECWSC.ORG](mailto:ALEXANDRA@THECWSC.ORG).**

# INTERSTATE WATER COMPACTS

Water does not listen to or care about the boundaries we set for our local communities, states, and countries. The decisions we make at the community level, state level, and country level about water have impacts outside of that community, state, and country, even when they do not neighbor each other. We may prefer to make certain decisions at the local or state levels. Unfortunately, that does not change the reality that we are still impacted by the decisions of others. We can do even more for our communities by thinking and working regionally and nationally.

Interstate water compacts are a constitutional right that states have to work together and develop agreements that express a co-developed approach to managing shared interests. Compacts are an opportunity for communities and states to come together, work through shared challenges and interests, and develop an ongoing plan for action. They also take the pressure off of any one community to address challenges caused by things beyond their control.

## WHAT IS AN INTERSTATE WATER COMPACT?

States can enter into agreements and compacts with other states. Article 1, Section 10, Clause 3 of the U.S. Constitution is known as the “Compact Clause”. The Clause states that, “No State shall, without the Consent of Congress,...enter into Any Agreement or Compact with another State, or with a foreign power.” The Founding Fathers wanted states to be able to enter into agreements with other states to address regional problems and interests, while allowing Congress to protect national interests. The Compact Clause empowers states to negotiate a shared vision for shared interests, like water resources.

## HOW HAVE INTERSTATE COMPACTS ADDRESSED REGIONAL ISSUES?

Interstate water compacts have been used to address a wide range of regional issues. Compacts have been used to manage interstate resources and properties, such as oil and gas, fisheries, and parks. They have been used to support major infrastructure projects, such as the Port of New York and New Jersey. They have also been used to address issues such as education, urban planning, historical preservation, taxes, emergency aid, fire prevention, transportation, sewage disposal, and radioactive waste management.



## HOW HAVE COMPACTS BEEN USED TO ADDRESS WATER?

There are approximately 40 interstate water compacts in place today. Many interstate water compacts apportion or shared water resources between states that share a watershed. A few compacts address the operation of dams and reservoirs for the purposes of flood control storage. Still others address water quality issues.

Interstate water compacts have been used to address water issues across the United States. For example in the West, the Snake River Compact (1949) allocates the waters of the Snake River by percentage between Wyoming and Idaho, with the requirement to measure the amount of water subject to allocation annually. The compact also prohibits water from the basin from being diverted for use outside of the basin except with the approval of Idaho. In the East, the Susquehanna River Basin Compact (1970) manages the Susquehanna River basin, covering Maryland, New York, and Pennsylvania. The compact establishes the Susquehanna River Basin Commission and gives the Commission several responsibilities, including developing standards, adopting a plan for the short term and long term development of water resources within the basin, managing water quality, and allocating water resources between the states. Since, the Commission has developed regulations to manage certain volume water withdrawals, consumptive water uses, and water diversions, for example. These are just a few examples of how interstate water compacts have been used to date.

# INTERSTATE WATER COMPACTS

## HOW CAN A COMPACT HELP THE MISSISSIPPI RIVER WATERSHED?

An interstate water compact for the Mississippi River watershed could tackle a few, many, or all of the challenges the basin faces. For example, the interstate water compact could:

- Limit out-of-basin transfers;
- Manage water quality in the basin and limit levels of nitrates and phosphorus that moves from one state to another;
- Ensure certain flow rates at state borders or equitably allocate a percentage of the flow to each state;
- Manage large water withdrawals and large water consumptive uses that impact flow;
- Manage groundwater linked to watershed resources;
- Manage flood control infrastructure collectively;
- Conduct research and collect data and information that can improve decision-making in and between states and communities;
- Create a commission with membership from the ten corridor states and/or broader 31 state watershed to oversee the implementation of the compact;
- Address invasive species, such as invasive carp;
- Work to prevent salt water intrusion.

There are many ways that an interstate compact could help local and state communities to manage the river. The opportunities are endless and the Mighty Mississippi Leaders Network will be charting the path forward.

## FOR MORE INFORMATION

If you are interested in working with the Center for Water Security and Cooperation on adapting these solutions or others to your community, please reach out via [mississippi@thecwsc.org](mailto:mississippi@thecwsc.org) or visit [www.thecwsc.org/mississippiriver](http://www.thecwsc.org/mississippiriver).

### SOURCES

U.S. Constitution Annotated, [https://constitution.congress.gov/browse/essay/artI-S10-C3-3-1/ALDE\\_00013531/](https://constitution.congress.gov/browse/essay/artI-S10-C3-3-1/ALDE_00013531/).

Congress.gov, Interstate Compacts: An Overview, <https://www.congress.gov/crs-product/LSB10807>.

National Center for Interstate Compacts, Interstate Compact FAQ, <https://compacts.csg.org/faq>.

Forthcoming, Center for Water Security and Cooperation, *A Review of Interstate Water Compacts*.

# Upper Mississippi River Quarterly Meetings

## Attachment D

### Additional Items

<b>Page Number</b>	<b>Document Title</b>
D-1	Future Meeting Schedule
D-2 to D-8	Frequently Used Acronyms (4-29-2022)

**QUARTERLY MEETINGS  
FUTURE MEETING SCHEDULE**

<b>FEBRUARY 2026</b>	
<u>Virtual</u>	
February 24	UMRBA Quarterly Meeting
February 25	UMRR Coordinating Committee Quarterly Meeting

<b>MAY 2026</b>	
<u>Minneapolis-St. Paul Metro</u>	
May 19	UMRBA Quarterly Meeting
May 20	UMRR Coordinating Committee Quarterly Meeting

## Acronyms Frequently Used on the Upper Mississippi River System

AAR	After Action Report
A&E	Architecture and Engineering
ACRCC	Asian Carp Regional Coordinating Committee
AFB	Alternative Formulation Briefing
AHAG	Aquatic Habitat Appraisal Guide
AHRI	American Heritage Rivers Initiative
AIS	Aquatic Invasive Species
ALC	American Lands Conservancy
ALDU	Aquatic Life Designated Use(s)
AM	Adaptive Management
ANS	Aquatic Nuisance Species
AP	Advisory Panel
APE	Additional Program Element
ARRA	American Recovery and Reinvestment Act
ASA(CW)	Assistant Secretary of the Army for Civil Works
A-Team	Analysis Team
ATR	Agency Technical Review
AWI	America's Watershed Initiative
AWO	American Waterways Operators
AWQMN	Ambient Water Quality Monitoring Network
BA	Biological Assessment
BATIC	Build America Transportation Investment Center
BCOES	Bid-ability, Constructability, Operability, Environmental, Sustainability
BCR	Benefit-Cost Ratio
BMPs	Best Management Practices
BO	Biological Opinion
CAP	Continuing Authorities Program
CAWS	Chicago Area Waterways System
CCC	Commodity Credit Corporation
CCP	Comprehensive Conservation Plan
CEICA	Cost Effectiveness Incremental Cost Analysis
CERCLA	Comprehensive Environmental Response, Compensation, and Liability Act
CEQ	Council on Environmental Quality
CFR	Code of Federal Regulations
CFS	Cubic Feet Per Second
CG	Construction General
CIA	Computerized Inventory and Analysis
CMMP	Channel Maintenance Management Plan
COE	Corps of Engineers
COPT	Captain of the Port
CPUE	Catch Per Unit Effort
CRA	Continuing Resolution Authority
CREP	Conservation Reserve Enhancement Program
CRP	Conservation Reserve Program

CSP	Conservation Security Program
CUA	Cooperative Use Agreement
CWA	Clean Water Act
CY	Cubic Yards
DALS	Department of Agriculture and Land Stewardship
DED	Department of Economic Development
DEM	Digital Elevation Model
DET	District Ecological Team
DEWS	Drought Early Warning System
DMMP	Dredged Material Management Plan
DNR	Department of Natural Resources
DO	Dissolved Oxygen
DOA	Department of Agriculture
DOC	Department of Conservation
DOER	Dredging Operations and Environmental Research
DOT	Department of Transportation
DPR	Definite Project Report
DQC	District Quality Control/Quality Assurance
DSS	Decision Support System
EA	Environmental Assessment
ECC	Economics Coordinating Committee
EEC	Essential Ecosystem Characteristic
EIS	Environmental Impact Statement
EMAP	Environmental Monitoring and Assessment Program
EMAP-GRE	Environmental Monitoring and Assessment Program-Great Rivers Ecosystem
EMP	Environmental Management Program [Note: Former name of Upper Mississippi River Restoration Program.]
EMP-CC	Environmental Management Program Coordinating Committee
EO	Executive Order
EPA	Environmental Protection Agency
EPM	Environmental Pool Management
EPR	External Peer Review
EQIP	Environmental Quality Incentives Program
ER	Engineering Regulation
ERDC	Engineering Research & Development Center
ESA	Endangered Species Act
EWMN	Early Warning Monitoring Network
EWP	Emergency Watershed Protection Program
FACA	Federal Advisory Committee Act
FEMA	Federal Emergency Management Agency
FERC	Federal Energy Regulatory Commission
FDR	Flood Damage Reduction
FFS	Flow Frequency Study
FMG	Forest Management Geodatabase
FONSI	Finding of No Significant Impact
FRM	Flood Risk Management

FRST	Floodplain Restoration System Team
FSA	Farm Services Agency
FTE	Full Time Equivalent
FWCA	Fish & Wildlife Coordination Act
FWIC	Fish and Wildlife Interagency Committee
FWS	Fish and Wildlife Service
FWWG	Fish and Wildlife Work Group
FY	Fiscal Year
GAO	Government Accountability Office
GEIS	Generic Environmental Impact Statement
GI	General Investigations
GIS	Geographic Information System
GLC	Governors Liaison Committee
GLC	Great Lakes Commission
GLMRIS	Great Lakes and Mississippi River Interbasin Study
GPS	Global Positioning System
GREAT	Great River Environmental Action Team
GRP	Geographic Response Plan
H&H	Hydrology and Hydraulics
HAB	Harmful Algal Bloom
HEC-EFM	Hydrologic Engineering Center Ecosystems Function Model
HEC-RAS	Hydrologic Engineering Center River Analysis System
HEL	Highly Erodible Land
HEP	Habitat Evaluation Procedure
HNA	Habitat Needs Assessment
HPSF	HREP Planning and Sequencing Framework
HQUSACE	Headquarters, USACE
H.R.	House of Representatives
HREP	Habitat Rehabilitation and Enhancement Project
HSI	Habitat Suitability Index
HU	Habitat Unit
HUC	Hydrologic Unit Code
IBA	Important Bird Area
IBI	Index of Biological (Biotic) Integrity
IC	Incident Commander
ICS	Incident Command System
ICWP	Interstate Council on Water Policy
IDIQ	Indefinite Delivery/Indefinite Quantity
IEPR	Independent External Peer Review
IGE	Independent Government Estimate
IIA	Implementation Issues Assessment
IIFO	Illinois-Iowa Field Office (formerly RIFO - Rock Island Field Office)
ILP	Integrated License Process
IMTS	Inland Marine Transportation System
IPR	In-Progress Review
IRCC	Illinois River Coordinating Council

IRPT	Inland Rivers, Ports & Terminals
IRTC	Implementation Report to Congress
IRWG	Illinois River Work Group
ISA	Inland Sensitivity Atlas
IWR	Institute for Water Resources
IWRM	Integrated Water Resources Management
IWS	Integrated Water Science
IWTF	Inland Waterways Trust Fund
IWUB	Inland Waterways Users Board
IWW	Illinois Waterway
L&D	Lock(s) and Dam
LC/LU	Land Cover/Land Use
LDB	Left Descending Bank
LERRD	Lands, Easements, Rights-of-Way, Relocation of Utilities or Other Existing Structures, and Disposal Areas
LiDAR	Light Detection and Ranging
LMR	Lower Mississippi River
LMRCC	Lower Mississippi River Conservation Committee
LOI	Letter of Intent
LTRM	Long Term Resource Monitoring
M-35	Marine Highway 35
MAFC	Mid-America Freight Coalition
MARAD	U.S. Maritime Administration
MARC 2000	Midwest Area River Coalition 2000
MCAT	Mussel Community Assessment Tool
MICRA	Mississippi Interstate Cooperative Resource Association
MDM	Major subordinate command Decision Milestone
MIPR	Military Interdepartmental Purchase Request
MMR	Middle Mississippi River
MMRP	Middle Mississippi River Partnership
MNRG	Midwest Natural Resources Group
MOA	Memorandum of Agreement
MoRAST	Missouri River Association of States and Tribes
MOU	Memorandum of Understanding
MRAPS	Missouri River Authorized Purposes Study
MRBI	Mississippi River Basin (Healthy Watersheds) Initiative
MRC	Mississippi River Commission
MRCC	Mississippi River Connections Collaborative
MRCTI	Mississippi River Cities and Towns Initiative
MRRC	Mississippi River Research Consortium
MR&T	Mississippi River and Tributaries (project)
MSP	Minimum Sustainable Program
MVD	Mississippi Valley Division
MVP	St. Paul District
MVR	Rock Island District
MVS	St. Louis District

NAS	National Academies of Science
NAWQA	National Water Quality Assessment
NCP	National Contingency Plan
NIDIS	National Integrated Drought Information System (NOAA)
NEBA	Net Environmental Benefit Analysis
NECC	Navigation Environmental Coordination Committee
NED	National Economic Development
NEPA	National Environmental Policy Act
NESP	Navigation and Ecosystem Sustainability Program
NETS	Navigation Economic Technologies Program
NGO	Non-Governmental Organization
NGRREC	National Great Rivers Research and Education Center
NGWOS	Next Generation Water Observing System
NICC	Navigation Interests Coordinating Committee
NPDES	National Pollution Discharge Elimination System
NPS	Non-Point Source
NPS	National Park Service
NRC	National Research Council
NRCS	Natural Resources Conservation Service
NRDAR	Natural Resources Damage Assessment and Restoration
NRT	National Response Team
NSIP	National Streamflow Information Program
NWI	National Wetlands Inventory
NWR	National Wildlife Refuge
O&M	Operation and Maintenance
OHWM	Ordinary High Water Mark
OMB	Office of Management and Budget
OMRR&R	Operation, Maintenance, Repair, Rehabilitation, and Replacement
OPA	Oil Pollution Act of 1990
ORSANCO	Ohio River Valley Water Sanitation Commission
OSC	On-Scene Coordinator
OSE	Other Social Effects
OSIT	On Site Inspection Team
P3	Public-Private Partnerships
PA	Programmatic Agreement
PAS	Planning Assistance to States
P&G	Principles and Guidelines
P&R	Principles and Requirements
P&S	Plans and Specifications
P&S	Principles and Standards
PCA	Pollution Control Agency
PCA	Project Cooperation Agreement
PCX	Planning Center of Expertise
PDT	Project Delivery Team
PED	Preconstruction Engineering and Design
PgMP	Program Management Plan

PILT	Payments In Lieu of Taxes
PIR	Project Implementation Report
PL	Public Law
PMP	Project Management Plan
PORT	Public Outreach Team
PPA	Project Partnership Agreement
PPT	Program Planning Team
QA/QC	Quality Assurance/Quality Control
RCRA	Resource Conservation and Recovery Act
RCP	Regional Contingency Plan
RCPP	Regional Conservation Partnership Program
RDB	Right Descending Bank
RED	Regional Economic Development
RIFO	Rock Island Field Office (now IIFO - Illinois-Iowa Field Office)
RM	River Mile
RP	Responsible Party
RPEDN	Regional Planning and Environment Division North
RPT	Reach Planning Team
RRAT	River Resources Action Team
RRCT	River Resources Coordinating Team
RRF	River Resources Forum
RRT	Regional Response Team
RST	Regional Support Team
RTC	Report to Congress
S.	Senate
SAV	Submersed Aquatic Vegetation
SDWA	Safe Drinking Water Act
SEMA	State Emergency Management Agency
SET	System Ecological Team
SMART	Specific, Measurable, Attainable, Risk Informed, Timely
SONS	Spill of National Significance
SOW	Scope of Work
SRF	State Revolving Fund
SWCD	Soil and Water Conservation District
T&E	Threatened and Endangered
TEUs	twenty-foot equivalent units
TIGER	Transportation Investment Generating Economic Recovery
TLP	Traditional License Process
TMDL	Total Maximum Daily Load
TNC	The Nature Conservancy
TSP	Tentatively selected plan
TSS	Total Suspended Solids
TVA	Tennessee Valley Authority
TWG	Technical Work Group
UMESC	Upper Midwest Environmental Sciences Center

UMIMRA	Upper Mississippi, Illinois, and Missouri Rivers Association
UMR	Upper Mississippi River
UMRBA	Upper Mississippi River Basin Association
UMRBC	Upper Mississippi River Basin Commission
UMRCC	Upper Mississippi River Conservation Committee
UMRCP	Upper Mississippi River Comprehensive Plan
UMR-IWW	Upper Mississippi River-Illinois Waterway
UMRNWFR	Upper Mississippi River National Wildlife and Fish Refuge
UMRR	Upper Mississippi River Restoration Program [Note: Formerly known as Environmental Management Program.]
UMRR CC	Upper Mississippi River Restoration Program Coordinating Committee
UMRS	Upper Mississippi River System
UMWA	Upper Mississippi Waterway Association
USACE	U.S. Army Corps of Engineers
USCG	U.S. Coast Guard
USDA	U.S. Department of Agriculture
USFWS	U.S. Fish and Wildlife Service
USGS	U.S. Geological Survey
VTC	Video Teleconference
WCI	Waterways Council, Inc.
WES	Waterways Experiment Station (replaced by ERDC)
WHAG	Wildlife Habitat Appraisal Guide
WHIP	Wildlife Habitat Incentives Program
WIIN	Water Infrastructure Improvements for the Nation Act
WLM	Water Level Management
WLMTF	Water Level Management Task Force
WQ	Water Quality
WQEC	Water Quality Executive Committee
WQTF	Water Quality Task Force
WQS	Water Quality Standard
WRDA	Water Resources Development Act
WRP	Wetlands Reserve Program
WRRDA	Water Resources Reform and Development Act