



Upper Mississippi River Basin Association

174th Quarterly Meeting

May 20, 2025

La Crosse, WI

Agenda with
Background and Supporting Materials

Agenda

May 20, 2025

Time	Topic	Page	Presenter
1:00 p.m.	Call to Order and Introductions		Wade Strickland, Wisconsin DNR <i>UMRBA Board Chair</i>
1:15	Approval of Minutes of February 25, 2025 Meeting	A1-6	
1:20	Executive Director's Report	B1-24	Kirsten Wallace, UMRBA
1:30	USACE Navigation Program	C1-5	Jennifer Armstrong, Waterways Council
	— Anticipated Adjustments Following FY 2025 Work Plan		
	— Potential Implications for L&D 25 1,200-Foot Chamber Project		
1:50	USACE Flow Frequency Study	D1	Leo Keller, USACE
	— Summary of Review of the Hydrologic Engineering Management Plan (HEMP) Comments Received		
2:10	Break		
2:30	Federal Agency Reports	E1-8	UMRBA Federal Liaisons
	— Initial Assessments of Reorganization and Staffing Affecting UMRS Programs and Projects		
	— Fiscal Update		
	• FY 2025 Work Plan		
	• FY 2026 Budget		
	— Open Discussion		
	• Initial Assessment of Implications to States		UMRBA Board Members
	• General Questions and Perspectives		All
3:45	Administrative Issues	F1-8	Wade Strickland, Wisconsin DNR
	— UMRBA FY 2025 and FY 2026 Budgets		
	— Future Meeting Schedule		
4:00 p.m.	Adjourn		

Upper Mississippi River Quarterly Meetings

Attachment A

UMRBA Quarterly Meeting Minutes

Page Number	Document Title
A-1 to A-6	Draft Minutes of the February 25, 2025 UMRBA Quarterly Meeting

**Draft Minutes of the
173rd Quarterly Meeting of the
Upper Mississippi River Basin Association**

**February 25, 2025
Virtual**

Grant Wilson called the meeting to order at 9:00 a.m. Participants were as follows:

UMRBA Representatives and Alternates:

Rick Pohlman	Illinois Department of Natural Resources
Kirk Hansen	Iowa Department of Natural Resources
Jake Hansen	Iowa Department of Agriculture and Land Stewardship
Grant Wilson	Minnesota Department of Natural Resources
Patrick Phenow	Minnesota Department of Transportation
Dana Vanderbosch	Minnesota Pollution Control Agency
Chris Wieberg	Missouri Department of Natural Resources
Matt Vitello	Missouri Department of Conservation
Levi Woods	Missouri Department of Transportation
Wade Strickland	Wisconsin Department of Natural Resources

Federal UMRBA Liaisons:

JC Nelson	U.S. Geological Survey, Midcontinent Region
Sabrina Chandler	U.S. Fish and Wildlife Service
Richard Vaughn	U.S. Department of Agriculture, Natural Resources Conservation Services
Travis Black	U.S. Department of Transportation, Maritime Administration

Others in Attendance:

Dave Glover	Illinois Department of Natural Resources
Terra McParland	Illinois Department of Natural Resources
Matt O'Hara	Illinois Department of Natural Resources
John Seitz	Illinois Department of Natural Resources
Nicole Vidales	Illinois Environmental Protection Agency
Ryan Hupfeld	Iowa Department of Natural Resources
Chad Fields	Iowa Department of Natural Resources
Melanie Marshall	Iowa Department of Natural Resources
Caleb Whitehouse	Iowa Department of Transportation
Liz Scherber	Minnesota Department of Natural Resources
Neil Rude	Minnesota Department of Natural Resources
Nick Schlessner	Minnesota Department of Natural Resources
Glenn Skuta	Minnesota Pollution Control Agency
Dru Buntin	Missouri Department of Natural Resources
Erin Fanning	Missouri Department of Natural Resources
Samantha Clary	Missouri Department of Conservation

Vanessa Perry	Wisconsin Department of Natural Resources
Adrian Stocks	Wisconsin Department of Natural Resources
Sammi Boyd	Wisconsin Department of Natural Resources
Shaili Pfeiffer	Wisconsin Department of Natural Resources
Mike Halstead	Wisconsin Department of Transportation
Mike Finkenbinder	Wisconsin Department of Transportation
Kelly Keefe	U.S. Army Corps of Engineers, Mississippi Valley Division
LeeAnn Riggs	U.S. Army Corps of Engineers, Mississippi Valley Division
Jim Cole	U.S. Army Corps of Engineers, Mississippi Valley Division
Samantha Thompson	U.S. Army Corps of Engineers, Mississippi Valley Division
Angela Deen	U.S. Army Corps of Engineers, St. Paul District
Breann Popkin	U.S. Army Corps of Engineers, St. Paul District
Nathan Wallerstedt	U.S. Army Corps of Engineers, St. Paul District
Kim Warshaw	U.S. Army Corps of Engineers, St. Paul District
Steve Gustafson	U.S. Army Corps of Engineers, Rock Island District
Leo Keller	U.S. Army Corps of Engineers, Rock Island District
Nicole Manasco	U.S. Army Corps of Engineers, Rock Island District
Davi Michl	U.S. Army Corps of Engineers, Rock Island District
Marshall Plumley	U.S. Army Corps of Engineers, Rock Island District
Nic Patterson	U.S. Army Corps of Engineers, Rock Island District
Brian Markert	U.S. Army Corps of Engineers, St. Louis District
Shawn Sullivan	U.S. Army Corps of Engineers, St. Louis District
Kat McCain	U.S. Army Corps of Engineers, Ecosystem Restoration Planning Center of Expertise
Amy Thompson	U.S. Army Corps of Engineers, Jacksonville District
Tim Elkins	U.S. Environmental Protection Agency, Region 5
Diane Tancil	U.S. Environmental Protection Agency, Region 5
David Pratt	U.S. Environmental Protection Agency, Region 7
Jared Schmalstieg	U.S. Environmental Protection Agency, Region 7
Amy Shields	U.S. Environmental Protection Agency, Region 7
Anna Hess	U.S. Environmental Protection Agency, Great Lakes Toxicology and Ecology Division
Matt Mangan	U.S. Fish and Wildlife Service, UMR Refuges
Sara Schmucker	U.S. Fish and Wildlife Service, Illinois-Iowa Field Office
Lauren Larson	U.S. Fish and Wildlife Service, Illinois-Iowa Field Office
Jim Dunker	U.S. Geological Survey, Central Midwest Water Science Center
Jim Fischer	U.S. Geological Survey, Upper Midwest Environmental Sciences Center
Jennifer Dieck	U.S. Geological Survey, Upper Midwest Environmental Sciences Center
Jaime Painter	U.S. Geological Survey, Water Resources Mission Area
Molly Woloszyn	National Oceanic and Atmospheric Administration, National Integrated Drought Information Systems
Sararose LaGreca	America's Watershed Initiative
Alicia Vasto	Audubon
Lindsey Brice	Audubon, Upper Mississippi River
Brent Newman	Audubon, Mississippi River Water Initiative
Jessica Lienhardt	Council of State Governments, Midwestern Office
Kara Phelps	Illinois Natural History Survey
Michael Anderson	Lake Pepin Legacy Alliance

Mary Ellen Miller	League of Women Voters, Upper Mississippi River
Madeline Heim	Mississippi River Ag and Water Desk
Nancy Guyton	Neighbors of the Mississippi
Kim Schneider	<i>Our Mississippi</i>
Olivia Dorothy	One Mississippi
Morgan Fong	National Waterways Conference
Kahomy Weston	Owámniyomni Okhódayapi
Brandon Phillips	Riverview Tug Services
Christine Favilla	Sierra Club
Sarah Gatzke	The Nature Conservancy
Bryan Hopkins	The Nature Conservancy
Randy Smith	The Nature Conservancy
Rachel Curry	University of Illinois Extension
Melissa Kenny	University of Minnesota, Institute on the Environment
Barry Draskowski	[No affiliation]
Fritz Funk	[No affiliation]
Michelle Woods	[No affiliation]
Kirsten Wallace	Upper Mississippi River Basin Association
Brian Stenquist	Upper Mississippi River Basin Association
Mark Ellis	Upper Mississippi River Basin Association
Henry Hansen	Upper Mississippi River Basin Association
Natalie Lenzen	Upper Mississippi River Basin Association
Sadie Neuman	Upper Mississippi River Basin Association
Ken Peterson	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

Wade Strickland moved and Kirk Hansen seconded a motion to approve the draft minutes of the November 19, 2024 UMRBA quarterly meeting as provided in the agenda packet. The motion was approved 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 November 2024 meeting.

Wallace underscored the significance of the 2024 reauthorization of the Water Resources Development Act (WRDA 2024) for the Upper Mississippi River System. In the same action, Congress supported the region's goals for improving transportation efficiency, disaster preparedness, and ecological health on the Upper Mississippi River System. Congress, again, provided the authority for managing the river through a partnership among states and federal agencies and in cooperation with the affected interests.

Wallace applauded Rep. Sam Graves' (Missouri) leadership in crafting the language for the Upper Mississippi River System Flood Risk and Resiliency Study. Wallace acknowledged and thanked Congressional offices in all five states who collectively supported the Upper Mississippi River provisions,

including the amendment to the Upper Mississippi River Restoration (UMRR) Program’s annual authorized funding level for its long term resource monitoring.

Wallace reminded the Board of its action at its November 19, 2024 meeting in which it authorized Wallace to enter into a contractual agreement with Illinois DNR to implement a USEPA Exchange Network Grant. Wallace reported that the grant between Illinois DNR and UMRBA is executed, and now UMRBA moves into the next phase of securing a contractor to create a water resources database for UMRBA’s water quantity and quality data. Next steps involve UMRBA issuing requests for proposal to potential contracting organizations, reviewing applications, interviewing potential candidates, and then selecting a contractor. Wallace anticipates these next steps occurring throughout the next few months.

In response to a prompt from Grant Wilson as Chair, Chris Wieberg moved and Wade Strickland seconded a motion to authorize Kirsten Wallace to enter into a contractual agreement to pay for the work to build the infrastructure needed to house UMRBA’s water resource datasets and increase the Association’s future capacity for supporting interstate data collection and data sharing efforts. The UMRBA contract for the database development is expected to be two years in duration with funding of up to \$135,000 for UMRBA’s contributions to the project.

UMRBA Financial Report

Wallace pointed to UMRBA’s October 2024 through December 2024 financial statements provided on pages B-11 to B-19 of the agenda packet. Chris Wieberg moved and Kirk Hansen seconded the motion to accept the Association’s budget report and balance sheet as included in the agenda packet. The motion was approved unanimously.

Interbasin Diversion Consultation

Kirsten Wallace explained that the Governors’ 1989 Upper Mississippi River Basin Charter sets forth a notification and consultation process for any new or increased water diversion out of the basin that would exceed an average of 5 million gallons per day during any 30-day period. At their February annual meetings, UMRBA members are to report on any qualifying diversion requests. The UMRBA member states reported as follows:

Illinois	—	Rick Pohlman	—	no diversions to report
Iowa	—	Kirk Hansen	—	no diversions to report
Minnesota	—	Grant Wilson	—	no diversions to report
Missouri	—	Chris Weiberg	—	no diversions to report
Wisconsin	—	Wade Strickland	—	no diversions to report

On behalf of the states, Wilson directed Kirsten Wallace to send letters to the Governors reporting the results of the annual diversion consultation.

Data Centers

Emergence of Data Centers Nationally and Regionally

Jessica Lienhardt, with the Council of State Governments – Midwestern Office and the Great Lakes St. Lawrence Legislative Caucus, presented an overview of trends in the data center industry, knowledge and

future predications of energy and water usage by data centers, and state legislative actions to incentivize or regulate data center development.

Lienhardt reported that the Council of State Governments – Midwestern Office and the Great Lakes St. Lawrence Legislative Caucus are interested in improving knowledge of industry trends, impacts to energy sources and water resources, and best management practices for states and localities. Their next steps involve i) continuing to foster state coordination through the Great Lakes St. Lawrence Legislative Caucus Water Use Committee, particularly in relation to the Great Lakes Compact, ii) contribute to regional studies on the impact of data centers in the Great Lakes region, and iii) continuing to employ partnership opportunities to better understand water use by data centers and to align data collection efforts.

State Observations

The UMRBA Board members provided their general observations of development trends and the general questions and understandings of water resource implications that are beginning to be illuminated. Commonly, Board members expressed interest in continuing conversations to exchange information about impacts to water resources from individual or cumulative data centers and best management practices for siting and permitting data centers such as closed-loop cooling, water reuse practices, repurposing retired coal power plans.

National Water Availability Assessment

Jaime Painter, with the USGS Water Resources Mission Area, presented on USGS's National Water Availability Assessment – a comprehensive, scientific assessment of water availability in the United States, integrating water quantity, quality, and use. Painter provided an overview of the results at the national scale and then at the Upper Mississippi River basin HUC-2 scale, including the potential imbalances between water supply and demand.

Stressors to water availability in the Upper Mississippi River basin include the combination of low precipitation and little annual renewable storage in soil moisture, snow, lakes, and reservoirs as well as elevated levels of nitrogen, phosphorous, total suspended solids, pesticides, salinity, manganese.

Demands for water availability include public water supplies, irrigation (seasonally), and thermoelectric energy. Painter noted that, on average, irrigation consumptive use is a larger percentage of water withdrawals in the Upper Mississippi River basin than other parts of the country. Efficiencies at thermoelectric facilities are lessening their cumulative consumptive uses.

Administrative Items

UMRBA Board Chair Rotation

Kirsten Wallace thanked Grant Wilson for his service as Board Chair over the past year.

Rick Pohlman moved and Chris Wieberg seconded a motion to appoint Wade Strickland to serve as UMRBA Chair. The motion passed unanimously by voice vote.

Wade Strickland moved and Kirk Hansen seconded a motion for Chris Wieberg to serve as UMRBA Vice Chair. The motion passed unanimously by voice vote.

Kirk Hansen moved and Rick Pohlman seconded a motion to appoint Jason Tidemann to serve as UMRBA Treasurer. The motion for carried unanimously by voice vote.

Future Meeting Schedule

May 2025 in La Crosse, Wisconsin

- UMRBA Quarterly Meeting – May 20
- UMRB Coordinating Committee quarterly meeting – May 21

August 2025 in Edina, Minnesota

- UMRBA Quarterly Meeting – August 5
- UMRB Coordinating Committee quarterly meeting – August 6

October 2025 in Quad Cities, Illinois/Iowa

- UMRBA Quarterly Meeting – October 28
- UMRB Coordinating Committee quarterly meeting – October 29

With no further business, the meeting adjourned at 11:00 a.m.

Upper Mississippi River Quarterly Meetings

Attachment B

Executive Director's Report

Page Number	Document Title
B-1 to B-6	Executive Director's Quarterly Report
B-7 to B-9	UMRBA FY 2025 Work Plan Support Letter (4/11/2025)
B-10 to B-11	UMRBA FY 2026 Appropriations Support Letter (4/23/2025)
B-12 to B-14	UMRBA WRDA 2024 Implementation Guidance Letter (4/30/2025)
B-15	Treasurer's Quarterly Statement (5/7/2025)
B-16 to B-19	FY 2024 Profit and Loss Statement (5/7/2025)
B-20 to B-22	FY 2025 Profit and Loss Statement (5/7/2025)
B-23 to B-24	Balance Sheet (5/7/2025)



Executive Director's Report May 2025

Advocacy

Federal Appropriations

The full year FY 2025 Continuing Resolution Authority (CRA) resulted in the Administration having to renew its FY 2025 work plan. A detailed explanation on the FY 2025 CRA's implications for USACE is provided on pages E-1 to E-3 of the agenda packet.

Subsequently, UMRBA worked collaboratively with the UMRBA member state agencies to illuminate the implications of the potential spending reduction to the Upper Mississippi River Restoration (UMRR) Program and the Navigation and Ecosystem Sustainability Program (NESP) and to determine renewed recommendations for allocations in light of the FY 2025 work planning process. UMRR is in a more challenging position given that it has followed the principal planning rule in times of continuing resolution authorities – i.e., to plan at the “least of” funding proposed in the President’s budget or House of Representatives’ or Senate’s energy and water spending bill.

In March and April, UMRBA worked closely with Congressional offices to support them in communicating the importance of UMRR and NESP to the Administration and met with key Administration officials with the goal of maintaining programmatic infrastructure (personnel) and avoid significant consequences of early termination of contracts (for financial and ecological reasons). An updated UMRBA letter with FY 2025 spending priorities for USACE is provided on pages B-7 to B-9 of the agenda packet.

UMRBA continues to actively coordinate with Congress regarding spending priorities for FY 2026. In particular, this includes the Navigation and Ecosystem Sustainability Program, the Upper Mississippi River Restoration Program, renewing the flow frequency and surface water profiles on the Upper Mississippi River System, and the Upper Mississippi River System Flood Risk Reduction and Resiliency Study. UMRBA disseminated a letter regarding these priorities on April 23, 2025. The letter is provided on pages B-10 to B-11 of the agenda packet.

Water Resources Development Act of 2024

In response to the Administration’s request for comment, UMRBA submitted a letter to USACE offering UMRBA’s perspectives and recommendations for the Administration’s consideration as it develops policy guidance for implementing the new or modified authorities as provided in WRDA 2024. The letter is provided on pages B-12 to B-14 of the agenda packet.

Commercial Navigation

Mid-America Ports Commission

On March 18, 2025, UMRBA staff provided a briefing to the Mid-America Ports Commission regarding its navigation priorities and work efforts. This included current work related advocating for funding in the FY 2025 work plan, FY 2026 appropriations process, and FY 2027 budget. Staff also provided an overview of the water availability project in partnership with USGS and the University of Minnesota.

Inland Rivers Ports and Terminals

On May 1, 2025, UMRBA staff attended the Inland Rivers Ports and Terminals Upper Mississippi River Basin Meeting in St. Paul, Minnesota. IRPT briefed its members on its ongoing activities, the Trump Administration's policies affecting the inland waterways, funding opportunities for inland rivers ports and terminals, inland navigation shipping trends, and USACE programs.

Ecosystem Health

Policy and Programmatic Interagency Coordination

UMRR Coordinating Committee Meeting

The UMRR Coordinating Committee met virtually on February 26, 2025. The agenda involved programmatic briefings regarding accomplishments and progress related to habitat rehabilitation and enhancement projects (HREPs), long term resource monitoring, and communications. Additionally, the Coordinating Committee discussed general ways that a renewed draft strategic plan would result in a continuation of current work, shift in current work, or new work for the program.

NESP Coordinating Committee Meetings

The Navigation and Ecosystem Sustainability Program (NESP) Coordinating Committee met on March 4, 2025 in Bettendorf, Iowa. The quarterly meeting focused on routine program reports as well as focused briefings on the development of an ecosystem strategic framework, reach-based planning, and the NESP Science Panel. In addition to this public-facing session, the Committee also convenes monthly meetings to advance programmatic priorities. Recent discussions have focused on strategic planning, systemic and reach planning, and programmatic communications.

Programmatic Strategic Planning

UMRR Program Strategic Plan

UMRBA continues to participate in a programmatic, interagency team to develop the next strategic plan for UMRR. The strategic planning team has finalized a draft for which it plans to solicit input from the UMRR Communications and Outreach Team (COT) and the UMRR Coordinating Committee. [Note: Following the suspension of programmatic activities, the review plans for the strategic plan have been delayed but are likely to be advanced in the near future.]

UMRR Implementation Planning

The UMRR Coordinating Committee members and other key programmatic leads met on April 23, 2025. This meeting was the first in a series of anticipated planning sessions to design an implementation strategy for UMRR at high, medium, and low funding scenarios. 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. A second planning session is being planned for May 21, 2025.

NESP Implementation Planning

UMRBA is participating in NESP programmatic planning given the potential for no funding in FY 2025 and, potentially, delayed or no funding in FY 2026.

Communications and Engagement

Communications and Outreach Team

UMRBA staff participated in monthly meetings of the UMRR Communication and Outreach Team (COT). Topics included social media events, partners' engagements connected to UMRR, and planning for the COT's future activities. [Note: Following the suspension of programmatic activities, the UMRR Communications and Outreach Team is indefinitely postponed until UMRR is allocated sufficient funding.]

Ecological Sustainability and Restoration

Systemic/Reach Planning

UMRBA staff continue to participate in the NESP System Planning Team, which is validating system-wide ecosystem objectives and developing a process to guide four reach planning teams in their more refined development of restoration targets.

Science Panel

UMRBA staff continue to participate in ongoing programmatic discussions about the purpose, composition, and activities of the NESP Science Panel.

NESP Project Planning Partnership Training Workshop

The Rock Island District hosted an in-person partnership training workshop on March 4-6, 2025 in Bettendorf, Iowa. The purpose of the training was to improve partnership cooperation in developing NESP project plans in an 18-month process. The Corps' Ecosystem Restoration Planning Center of Expertise assisted in the workshop design and facilitation. UMRBA staff participated in the workshop.

Hazardous Spills Emergency Management

Oil Pollution Act (OPA) Planning and Mapping

UMRBA continues to update the Inland Sensitivity Atlas (ISA). UMRBA incorporated the remaining updates that it developed for Minnesota into the regional database as well as updates received from the Great Lakes Commission (GLC) for Indiana and Michigan. UMRBA also added a new regional Jurisdictional Boundaries layer to the ISA. The new data was delivered to USEPA on April 21, 2025.

Staff participated in monthly Mapping Group meetings on March 3, April 7, and May 5, 2025. Staff also participated in Inland Zone Planning calls on March 20, April 24, and May 15, 2025.

UMRBA continues to develop Tribal Fact Sheets for USEPA, to provide basic response information about Tribal Nations within USEPA Region 5. Staff took part in related planning calls on April 7 and May 12, 2025.

UMRBA provides support for spill response planning in the Upper Mississippi River Sub-area. On April 22, 2025 in La Crosse, Wisconsin, staff provided support for, and participated in, a tabletop exercise sponsored by Wisconsin Emergency Management. The exercise scenario involved a response to an anhydrous ammonia release from a barge at L&D 4 in Alma, Wisconsin.

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

The UMR Spills Group held a virtual meeting on April 29, 2025 to talk about potential planning activities. As an outcome of the meeting, UMRBA staff will meet individually with the state members of the UMR Spills Group to determine priority areas for response planning over the next year.

The UMR Spills Group set a schedule for rotating its Chair position from Illinois to Iowa during its fall 2025 meeting.

Water Quality

UMRBA Water Quality Committees

Water Quality Executive Committee

The UMRBA Water Quality Executive Committee met virtually on March 5, 2025. The Executive Committee discussed the Association's final draft Charter for the Water Quality Executive Council and new and ongoing programmatic work related to the Interstate Water Quality Monitoring Program and interstate cooperation in improving knowledge and management of nutrients, chloride, and harmful algal blooms. As an outcome of the meeting, the Water Quality Executive Committee agreed to submit the final draft version of the renewed Charter to the UMRBA Board for its consideration.

Nutrient Committee

UMRBA convened the inaugural meeting of its Nutrient Committee on May 1, 2025. Committee members shared reflections on their key successes or barriers to implementing their respective nutrient reduction strategies, key updates being made or considered to their plans, and their vision for interstate collaboration.

The Committee also reviewed a first draft Nutrient Reduction Strategy for the Upper Mississippi River Basin. As an outcome of the meeting, UMRBA will integrate the input received into a second draft for a subsequent review.

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, beginning in October 2025. UMRBA is convening regular planning sessions among the state agency staff involved in implementing the fixed site monitoring, including planning for a split-site monitoring test this summer to ensure that field sampling and analytical protocols yield comparable results.

UMRBA is also supporting the project by developing monitoring plans (e.g., submitting a quality assurance project plan to USEPA Region 5) and securing individual contractual agreements with each state for UMRBA's roles in coordination, communication, and analysis.

Partnership Collaborations

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

- The National Water Quality Monitoring Council (NWQMC) annual National Monitoring Conference on March 10-14, 2025 in Green Bay, Wisconsin.
- Green Lands Blue Waters Annual Meeting on April 4-7, 2025 in Madison, Wisconsin.
- Minnesota Ag Urban Partnership Forum on April 15, 2025 in Sauk Rapids, Minnesota.

Integrated River Projects

Water Resources Database Development

Per resources from the USEPA Exchange Network grant, UMRBA staff disseminated a request for proposal, reviewed applications, and employed interviews for a contracting entity 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.

Communications and Partnership Collaboration

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. Staff presented the data to USEPA Region 5 on May 5, 2025.

Mississippi River Watershed Partnership

America's Watershed Initiative and The Nature Conservancy hosted a series of meetings related to the Mississippi River Watershed Partnership Initiative. The effort is currently focused on developing goals for each sub-basin area.

Other Meetings, Events, and Partnership Collaborations

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

- The National Waterways Conference on March 10-12, 2025 in Washington, D.C.
- The Upper Mississippi River Conservation Committee on March 18-20, 2025 in La Crosse.
- City of Minneapolis Learning Labs on Inclusive Community Engagements (multiple dates).

Financial and Administrative Report

UMRBA Financial Report

Attached as page B-15 is UMRBA Treasurer Jason Tidemann's statement regarding his review of UMRBA's financial statement for the period of January 1, 2025 to March 31, 2025.

Attached as pages B-16 to B-24 are UMRBA's 2024 and 2025 budget reports and balance sheet. As of May 7, 2025, ordinary income for FY 2025 totaled \$1,019,674.42 and expenses totaled \$1,102,365.31 for net ordinary income of -\$82,690.89. As of this date, UMRBA's cash assets totaled \$38,026.24.



April 11, 2025

Mr. Stuart Levenbach
Office of Management and Budget
Eisenhower Executive Office Building
17th Street and Pennsylvania Avenue, NW
Washington, D.C. 20504

Dear Mr. Levenbach:

As the Administration develops its Fiscal Year 2025 work plan for the U.S. Army Corps of Engineers, I am writing on behalf of the Upper Mississippi River Basin Association (UMRBA) to respectfully request funding for the programs and projects listed below.

We fully acknowledge and appreciate that the Administration will be making tough decisions in the process of significantly reducing its anticipated FY 2025 construction program per Congress' direction in the FY 2025 continuing resolution authority. It is in that light that we are recommending drastically reduced allocations to UMRBA's Army Corps programs, which UMRBA highly values and asserts that they provide tremendous return on investment to the nation. The following recommendations avoid or minimize consequences that we believe would be of greater cost to the nation than the near term reallocation to other Corps functions.

— **\$20 million for the Upper Mississippi River Restoration Program (UMRR)**

UMRBA understands that the Army Corps is already halting or significantly reducing many UMRR habitat projects, long term resource monitoring, and programmatic planning.

It is important to recognize that UMRR was operating under the "least of rule," planning at a \$55 million program as was included in the FY 2025 budget and House and Senate energy and water spending bills. UMRR executes at an average rate of 95 percent and above, and as prudent, the Army Corps was implementing the program to execute the resources efficiently within the year.

Given that the program has obligated about \$15 million, an allocation of \$20 million would avoid the early termination of construction contracts for convenience of 10 ongoing projects, maintain the long term resource monitoring infrastructure, and per Congressional direction, to allow our partnership to continue executing UMRR efficiently and effectively in future years.

If the cuts are sustained in the FY 2025 work plan, we anticipate the termination of contracts for the construction of existing projects would result in higher costs for those projects. UMRBA holds that early termination of construction awards would unnecessary impact small regional construction contractors and jeopardize important jobs and income.

7900 West 78th Street, Suite 380
Edina, MN 55439
651-224-2880
www.umrba.org

In addition to direct cost impacts, the immediate pause in project implementation and then subsequent delay in UMRR implementation would result in loss or delay of habitat benefits and ancillary economic value from recreation, tourism, and ecological services. These projects have proven to be worthwhile investments to the nation and have wide-ranging and strong support from Congress, the states, and the public, including by improving the river's resilience to invasive carp and other stressors.

We appreciate the efforts of the Army Corps to ensure long term monitoring is sustained in FY 2025. UMRR has built the most extensive fisheries dataset for a great river in the world, generated the largest aquatic vegetation dataset in the world, and tracked spatially and temporally dynamic water quality changes over nearly three decades of monitoring. The continuous nature of the monitoring is imperative to capturing the impacts from invasive carp expansion to the abundance and diversity of native fishes, trends in nutrient concentrations, plant community changes and recovery in portions of the river system, and forest loss across the system.

— **\$10 million for the Navigation and Ecosystem Sustainability Program (NESP)**

NESP is actively constructing a second 1,200-foot lock at L&D 25, through which products are shipped between 132 counties in 17 states and global markets, and advancing several important construction projects that will enhance ecological integrity of the Upper Mississippi River.

An allocation of \$10 million will result in longer term efficiency in NESP implementation, maintaining interagency and interdisciplinary teams that are designing projects to be constructed in FY 2026 and out-years.

— **\$1 million to renew flow frequency probabilities and water surface profiles for the Upper Mississippi and Illinois Rivers**

In FY 2025, the Army Corps is scheduled to complete the hydraulic routing model and associated flow and climate assessments, employ the analyses, and develop a report of the findings. Flood risk assessments and forecasting capabilities are necessary to reduce damages and loss of life associated with increasingly frequent and major flood events in the Upper Mississippi River. Accurate and accessible information will improve our ability to develop a systemic flood plan and improve management capabilities.

Again, we would like to underscore our awareness of the challenges that the Administration is facing in evaluating each of its construction programs and projects and making decisions in the best interests of FY 2025 and out-years. The Army Corps has been an integral and close partner to UMRBA in managing the Upper Mississippi River System for over 40 years. We believe strongly that, together, we can leverage our resources and expertise to build projects from idea to concept to construction in ways that have extraordinary value to the region and nation.

Page 3
[Date]

UMRBA is the Governor-established forum for interstate water resource planning and management on the Upper Mississippi River, representing its member states of Illinois, Iowa, Minnesota, Missouri, and Wisconsin and working collaboratively with the federal agencies as well as the navigation industry, environmental organizations, local communities, and others who work directly to improve the Upper Mississippi River System. UMRBA's member states are strongly committed to the principles of sustainability and multi-use as the foundation of the river's management. The programs and projects listed above collectively help to improve the health and resilience of the navigation system and ecosystem as well as the many river communities of the Upper Mississippi River System.

We appreciate your consideration of this request. Please contact me at 651-224-2880 or kwallace@umrba.org to arrange an opportunity to discuss our request in more detail.

Sincerely,

Sincerely,

A handwritten signature in blue ink, appearing to read "K. Wallace", is positioned above the typed name.

Kirsten Wallace
Executive Director
Upper Mississippi River Basin Association

cc: Upper Mississippi River Congressional Delegation
Assistant Secretary for the Army of Civil Works
U.S. Army Corps of Engineers, Director of Civil Works



April 23, 2025

The Honorable Susan Collins, Ranking Member
U.S. Senate
Appropriations Committee
S-128, The Capitol
Washington, D.C. 20510-6025

The Honorable Tom Cole, Chair
U.S. House of Representatives
Appropriations Committee
H-307, The Capitol
Washington, D.C. 20515

The Honorable Patty Murray, Chair
U.S. Senate
Appropriations Committee
S-128, The Capitol
Washington, D.C. 20510-6025

The Honorable Rosa DeLauro, Ranking Member
U.S. House of Representatives
Appropriations Committee
H-307, The Capitol
Washington, D.C. 20515

Dear Chairs Collins and Cole and Ranking Members Murray and DeLauro:

As Congress develops its Fiscal Year 2026 appropriations priorities for the U.S. Army Corps of Engineers, I am writing on behalf of the Upper Mississippi River Basin Association (UMRBA) to respectfully request funding for the following programs and projects:

— **\$73 million for the Navigation and Ecosystem Sustainability Program (NESP)**

This appropriation will fully fund the construction of five project construction contract awards, forest stewardship implementation, and planning and design activities for eleven ecosystem restoration projects, including systemic water level management.

With prior appropriations, NESP continues ongoing construction of a second 1,200-foot lock chamber at L&D 25.

— **\$885,000 to complete renewed flow frequency probabilities and water surface profiles for the Upper Mississippi and Illinois Rivers**

In FY 2026, the U.S. Army Corps of Engineers will complete the hydraulic routing model and associated flow and climate assessments, employ the analyses, and develop a report of the findings. Flood risk assessments and forecasting capabilities are necessary to reduce damages and loss of life associated with increasingly frequent and major flood events in the Upper Mississippi River. Accurate and accessible information will improve our ability to develop a systemic flood plan and improve management capabilities.

— **\$250,000 for the Upper Mississippi River System Flood Risk Reduction and Resiliency Study**

In FY 2026, the U.S. Army Corps of Engineers, the five Upper Mississippi River states, and UMRBA will develop a scope and schedule for implementing the Upper Mississippi River System Flood Risk Reduction

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and Resiliency Study. This effort will include employing a public participation and engagement strategy to create dialogue among stakeholders.

— **\$55 million for the Upper Mississippi River Restoration (UMRR) Program**

In FY 2026, UMRR will implement 29 habitat projects across five states and three Corps Districts. Of these 29 projects, UMRR will be actively constructing 14 projects and advance planning and design on 15 habitat projects. These projects integrate a broad range of restoration techniques that strive to use or mimic the river's natural processes to enhance and protect important fish and wildlife habitat, restore the river's floodplain structure and function, and counteract the factors degrading the river's ecological health. UMRR will continue its long term resource monitoring and research, providing a much clearer understanding of the complex, dynamic relationships among various ecosystem components and watershed drivers.

— **Full utilization of the Inland Waterways Trust Fund to support inland navigation new construction and major rehabilitation projects**

— **Funding to support full capability of the Upper Mississippi River System 9-foot navigation channel operations and maintenance**

UMRBA is the Governor-established forum for interstate water resource planning and management on the Upper Mississippi River, representing its member states of Illinois, Iowa, Minnesota, Missouri, and Wisconsin and working collaboratively with the federal agencies as well as the navigation industry, environmental organizations, local communities, and others who work directly to improve the Upper Mississippi River System. UMRBA's member states are strongly committed to the principles of sustainability and multi-use as the foundation of the river's management. The programs and projects listed above collectively help to improve the health and resilience of the navigation system and ecosystem as well as the many river communities of the Upper Mississippi River System.

We appreciate your consideration of this request. Please contact me at 651-224-2880 or kwallace@umrba.org to arrange an opportunity to discuss our request in more detail.

Sincerely,



Kirsten Wallace
Executive Director
Upper Mississippi River Basin Association

cc: Upper Mississippi River Congressional Delegation
Assistant Secretary for the Army of Civil Works
U.S. Army Corps of Engineers, Headquarters



April 30, 2025

U.S. Army Corps of Engineers
Attn: Ms. Amy Frantz
CEW-P, U.S. Army Corps of Engineers, 3F91
441 G Street Northwest
Washington, D.C. 20314

Dear Ms. Frantz:

The 2024 reauthorization of the Water Resources Development Act (WRDA 2024) offers important opportunities to advance the principles of sustainability and multi-use management of the nation's water resources and to support cooperation among the federal government agencies, states governments, and non-governmental interests. In the same action, Congress supported the region's goals for improving transportation efficiency, disaster preparedness, and ecological health on the Upper Mississippi River System.

On behalf of the Upper Mississippi River Basin Association (UMRBA), I am pleased to offer UMRBA's perspectives and recommendations for the Administration's consideration as it develops policy guidance for implementing the new or modified authorities as provided in WRDA 2024.

Formed by the Governors of Illinois, Iowa, Minnesota, Missouri, and Wisconsin in 1981, UMRBA represents its member states' common water resource interests and works collaboratively with federal and state agencies as well as non-governmental organizations and individuals.

For over four decades, UMRBA has worked collaboratively with the U.S. Army Corps of Engineers (USACE) on a variety of programs and projects for which USACE has responsibility as well as with local communities, levee districts, industry, and conservation, labor, and commodity groups. USACE has partnered in the work of fostering a deeply-rooted culture of interagency and interdisciplinary partnership. This collaborative approach to managing the Upper Mississippi River System has been instrumental in sustaining and enhancing the river's many economic, ecological, and social values. In addition, all five of UMRBA's member states work directly with USACE in their shared or overlapping water resources management authorities and as non-federal sponsors of water resources projects.

While UMRBA is offering comments in this letter regarding the implementation of specific provisions in WRDA 2024, we felt compelled to point out that USACE's implementation of programs and projects on the Upper Mississippi River System will be affected by strategic issues beyond the control of our partnership. These issues include i) variability, timeliness, and uncertainty in USACE appropriations and work plan allocations, ii) significant reductions and changes in the workforce, particularly leaders in policy and programmatic management, and iii) swift and broad changes in policies affecting the implementation of programs and projects. These issues affect the states' abilities to effectively partner with USACE and to communicate with river users and communities about how they might be affected by, or can engage with,

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USACE programs and projects. UMRBA is deeply concerned about the potential loss in USACE capacity to maintain a safe and reliable navigation system, manage high or low water emergency- or disaster-related events, and administer the enormously-valued federal-state ecological restoration and science partnerships.

UMRBA is pleased with the provisions in WRDA 2024 related to flood risk and resilience, navigation infrastructure investment capabilities, knowledge of the river ecosystem, and federal-state partnerships on the Upper Mississippi River System, and offers the following perspectives and recommendations:

Upper Mississippi River System Flood Risk and Resiliency Study (Section 1227)

UMRBA strongly supports Congress' vision for reducing flood damage and increasing community resilience on the Upper Mississippi River System. The authorizing language designs a collaborative leadership approach to evaluating an extensive array of structural and nonstructural measures, specifically enabling state leadership and innovative public participation. UMRBA believes that the key provisions of Section 1227 regarding purpose and relationships will lead to strategic, integrated, and durable approaches to improving flood risk and resilience in the Upper Mississippi River System floodplain, systemically and locally.

UMRBA does not believe that policy guidance for implementing Section 1227 is necessary at this time. UMRBA encourages the Administration to delegate the implementation of the study process to the St. Louis District in partnership with the states of Illinois, Iowa, Minnesota, Missouri, and Wisconsin, individually and collectively through UMRBA, as prescribed in the authority.

Inland Waterways Trust Fund Cost Share (Section 1126)

In Section 1126, Congress adjusted the non-federal cost share on construction and major rehabilitation on lock improvement projects from the Inland Waterway Trust Fund from 35 percent to 25 percent. UMRBA hopes that this modification will allow more efficient and effective delivery of navigation improvement projects, reducing the overall costs and accelerating the return on investment.

In addition, UMRBA respectfully requests a more equitable distribution of the Inland Waterways Trust Fund monies in support of national transportation priorities, and that investment be prioritized on modernizing the locks supporting commercial navigation on the Upper Mississippi and Illinois Rivers through the Navigation and Ecosystem Sustainability Program.

Upper Mississippi River Restoration Long Term Resources Monitoring (Section 1354)

The Upper Mississippi River Restoration (UMRR) Program has built the most extensive fisheries and aquatic vegetation datasets for a great river in the world and tracked spatially and temporally dynamic water quality changes over nearly three decades of monitoring. UMRR's long term resource monitoring captures the impacts from invasive carp expansion to the abundance and diversity of native fishes, trends in nutrient concentrations, plant community changes and recovery in portions of the river system, and forest loss across the system. The continuous maintenance of the data network and monitoring and the associated research and modeling has immense value, far beyond its direct costs. In Section 1353,

Congress increased the annual authorized appropriation level for UMRR long term resource monitoring from \$15 million to \$25 million, underscoring the value of the monitoring investments to the nation.

The increased funding potential allows UMRR the opportunity to conduct systemic monitoring of critically important major resources in the system such as mussels and macroinvertebrate populations, to forecast changes to the river's ecosystem resulting from deviating hydrologic conditions, and to develop new tools and models to better understand and manage the ecosystem.

UMRBA does not believe that policy guidance for implementing Section 1354 is necessary at this time. UMRBA encourages the Administration to delegate the implementation of UMRR long term resource monitoring to the Rock Island District in partnership with the Department of the Interior and the states of Illinois, Iowa, Minnesota, Missouri, and Wisconsin, individually and collectively through UMRBA, as prescribed in the authority.

Project Partnership Agreement Reform (Section 1244(b))

In Section 1244(b), Congress clearly describes the challenges to non-federal sponsors in executing cost-share project partnership agreements, specifically pointing to the requirements of project lifespan and indemnification. UMRBA applauds Congress for recognizing these challenges and authorizing and directing the Government Accountability Office to evaluate these liability provisions and recommend their resolution. UMRBA believes that a more equitable approach to the Corps' cost-share agreements will improve efficiencies in project delivery, improve partnership relationships, and stimulate the nation's ability to leverage non-federal resources.

UMRBA strongly encourages that the study be implemented immediately and promptly so that the study results are available to Congress the next time it considers reauthorizing the Water Resources Development Act. UMRBA recommends that the Comptroller General of the Government Accountability Office coordinate directly the appropriate legal representation of the states and other candidate non-federal entities who may cost-share sponsor USACE water resource projects.

UMRBA respectfully requests that the Government Accountability Office also address the legal merits associated with USACE adhering to state law by applying for the applicable state permits associated with implementing its water resources programs and projects.

UMRBA is eager to continue our partnership with USACE in advancing integrated, multi-purpose management of the Upper Mississippi River System. Please contact me at 651-224-2880 to arrange an opportunity to discuss our request in more detail.

Sincerely,



Kirsten Wallace
Executive Director
Upper Mississippi River Basin Association

Natalie Lenzen, UMRBA

From: Tidemann, Jason (DNR) <jason.tidemann@state.mn.us>
Sent: Wednesday, May 7, 2025 8:19 AM
To: Natalie Lenzen, UMRBA
Subject: RE: UMRBA January 1 - March 31 Treasurer Report

Hello

As Treasurer, I have reviewed the monthly financial statements for the period 1/1/25-3/31/25. 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: Tuesday, May 6, 2025 1:25 PM
To: Tidemann, Jason (DNR) <jason.tidemann@state.mn.us>
Subject: UMRBA January 1 - March 31 Treasurer Report

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Jason –

I would like to request your statement of review of our January 2025 through March 2025 financials for the Treasurer's report in the May 20, 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 78th Street, Suite 380, Edina, MN 55439
651-224-2880 (*main office*) | 763-349-2049 (*direct*)
Find us online at www.umrba.org or [Facebook](https://www.facebook.com/umrba)

Upper Mississippi River Basin Association

FY 2024 Profit & Loss Budget Overview

July 2023 - June 2024

	TOTAL		
	ACTUAL	BUDGET	OVER BUDGET
Revenue			
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
Total 4000 State Dues	443,000.00	443,000.00	0.00
4100 Contracts and Grants			
Interstate WQ Pilot	17,934.71	10,000.00	7,934.71
Miss River Partnership (AWI)	11,000.00	12,000.00	-1,000.00
U.S. FWS	7,958.51	8,000.00	-41.49
UMN CIROH	10,000.00	12,000.00	-2,000.00
USACE (NESP)	77,283.40	100,000.00	-22,716.60
USACE (UMRR)	149,963.88	139,790.00	10,173.88
USEPA (HTF)	7,674.01	5,000.00	2,674.01
USEPA (OPA)	280,128.39	270,000.00	10,128.39
USEPA (OWOW)	38,231.64	40,000.00	-1,768.36
USGS Nature-Based Solutions	40,274.59	47,000.00	-6,725.41
Total 4100 Contracts and Grants	640,449.13	643,790.00	-3,340.87
4200 Interest Income			
Short Term Interest			
Short Term (CD)	18,008.95	19,100.00	-1,091.05
Short Term (Checking)	4,707.45	6,000.00	-1,292.55
Short Term (Savings)		0.00	0.00
Short Term (Sweep)	2,537.73	2,500.00	37.73
Total Short Term Interest	25,254.13	27,600.00	-2,345.87
Total 4200 Interest Income	25,254.13	27,600.00	-2,345.87
4300 Other Income			
Meeting Meals Income	80.00		80.00
Miscellaneous Income	60.00		60.00
Workshop Meals Income	2,492.43		2,492.43
Total 4300 Other Income	2,632.43		2,632.43
Total Revenue	\$1,111,335.69	\$1,114,390.00	\$ -3,054.31
GROSS PROFIT	\$1,111,335.69	\$1,114,390.00	\$ -3,054.31
Expenditures			
106 Expenses			
Other 106	-0.33		-0.33
Total 106 Expenses	-0.33		-0.33
5000 Depreciation			
Depreciation 604(b)	0.37		0.37

Upper Mississippi River Basin Association

FY 2024 Profit & Loss Budget Overview

July 2023 - June 2024

	TOTAL		
	ACTUAL	BUDGET	OVER BUDGET
Depreciation OPA	1,711.86		1,711.86
Depreciation UMRBA	3,040.82		3,040.82
Total 5000 Depreciation	4,753.05		4,753.05
5001 Payroll Expenses			
Accrued Vacation	14,148.60		14,148.60
Accrued Vacation FICA	1,082.38		1,082.38
Benefits	1,065.37		1,065.37
ICHRA	867.58		867.58
Salary	757,316.76	751,862.30	5,454.46
SocSec Company	286.23		286.23
Taxes	58,806.29	57,517.46	1,288.83
SUTA (Minnesota UC)	-2.21	375.93	-378.14
Workforce Enhancement Fee	-2.21	375.93	-378.14
Total Taxes	58,801.87	58,269.32	532.55
Total 5001 Payroll Expenses	833,568.79	810,131.62	23,437.17
5002 Benefits Administration	1,958.00	1,000.00	958.00
5100 Space Rental			
Office Rental	60,106.12	55,000.00	5,106.12
Total 5100 Space Rental	60,106.12	55,000.00	5,106.12
5101 Legal and Financial			
Bank Charges		40.00	-40.00
Insurance	3,936.35	6,200.00	-2,263.65
Legal and Tax Services	3,085.00	4,000.00	-915.00
Total 5101 Legal and Financial	7,021.35	10,240.00	-3,218.65
5102 Telephone/Communications	13,221.21	13,000.00	221.21
5103 Communications/Publications	81,120.00	75,000.00	6,120.00
5104 Equipment			
Equipment (Maint./Rental)	-3,896.55	1,150.00	-5,046.55
Equipment (Purchase)	13,833.37	1,000.00	12,833.37
Total 5104 Equipment	9,936.82	2,150.00	7,786.82
5105 Supplies	2,020.19	2,000.00	20.19
5106 Postage	118.13	200.00	-81.87
5107 Other Services	15,355.00	15,000.00	355.00
5108 Relocation Expenses	0.00		0.00
5200 Meeting Expenses	31,159.62	35,000.00	-3,840.38
5201 Travel	38,413.12	40,000.00	-1,586.88
5202 State Travel Reimbursement			
Illinois	2,149.84	5,000.00	-2,850.16
Iowa	563.44	5,000.00	-4,436.56
Minnesota	352.80	5,000.00	-4,647.20
Missouri	1,000.08	5,000.00	-3,999.92
State WQ Travel	494.39	3,500.00	-3,005.61

Upper Mississippi River Basin Association

FY 2024 Profit & Loss Budget Overview

July 2023 - June 2024

	TOTAL		
	ACTUAL	BUDGET	OVER BUDGET
Wisconsin		5,000.00	-5,000.00
Total 5202 State Travel Reimbursement	4,560.55	28,500.00	-23,939.45
5300 OPA Expenses			
Equipment (Maint./Rental) OPA	-287.85	4,000.00	-4,287.85
Equipment OPA	0.00	600.00	-600.00
Other OPA		50.00	-50.00
Travel OPA	2,170.15	2,000.00	170.15
Total 5300 OPA Expenses	1,882.30	6,650.00	-4,767.70
5301 USGS Nature-Based Solutions			
Other Contractual Services	28,789.50	30,000.00	-1,210.50
UMRBA Contractual Services		0.00	0.00
Total 5301 USGS Nature-Based Solutions	28,789.50	30,000.00	-1,210.50
5302 USEPA NRS Workshops			
Communications	9,000.00	9,500.00	-500.00
Meeting Expenses	4,518.26	4,500.00	18.26
Supplies		200.00	-200.00
Travel	163.71	200.00	-36.29
Travel Assistance	6,841.38	7,000.00	-158.62
Total 5302 USEPA NRS Workshops	20,523.35	21,400.00	-876.65
5304 USEPA Gulf Hypoxia			
Contractual		300.00	-300.00
Other Gulf Hypoxia		100.00	-100.00
Supplies		100.00	-100.00
Travel	783.47	1,000.00	-216.53
Total 5304 USEPA Gulf Hypoxia	783.47	1,500.00	-716.53
5305 USACE NESP			
Other NESP	14,100.00		14,100.00
Travel	3,172.34		3,172.34
Total 5305 USACE NESP	17,272.34		17,272.34
5999 Miscellaneous Expense	0.00		0.00
604(b) Expenses			
Equipment 604(b)	-3,114.17		-3,114.17
Total 604(b) Expenses	-3,114.17		-3,114.17
Water Quality Coord. Expenses			
Travel (State) WQ	2,430.29		2,430.29
Total Water Quality Coord. Expenses	2,430.29		2,430.29
Total Expenditures	\$1,171,878.70	\$1,146,771.62	\$25,107.08
NET OPERATING REVENUE	\$ -60,543.01	\$ -32,381.62	\$ -28,161.39
Other Expenditures			
Equipment Loss	436.38		436.38
Total Other Expenditures	\$436.38	\$0.00	\$436.38

Upper Mississippi River Basin Association

FY 2024 Profit & Loss Budget Overview

July 2023 - June 2024

	TOTAL		
	ACTUAL	BUDGET	OVER BUDGET
NET OTHER REVENUE	\$ -436.38	\$0.00	\$ -436.38
NET REVENUE	\$ -60,979.39	\$ -32,381.62	\$ -28,597.77

Upper Mississippi River Basin Association

FY 2025 Profit & Loss Budget Overview

July 2024 - June 2025

	TOTAL			
	ACTUAL	BUDGET	OVER BUDGET	% OF BUDGET
Revenue				
4000 State Dues				
Illinois Dues	67,000.00	67,000.00	0.00	100.00 %
Iowa Dues	67,000.00	67,000.00	0.00	100.00 %
Minnesota Dues	67,000.00	67,000.00	0.00	100.00 %
Missouri Dues	67,000.00	67,000.00	0.00	100.00 %
Wisconsin Dues	67,000.00	67,000.00	0.00	100.00 %
WQ Assessment	108,000.00	108,000.00	0.00	100.00 %
Total 4000 State Dues	443,000.00	443,000.00	0.00	100.00 %
4100 Contracts and Grants				
Exchange Network Grant (IL)	8,556.82		8,556.82	
Interstate WQ Pilot	31,240.84	7,000.00	24,240.84	446.30 %
Miss River Partnership (AWI)	1,000.00		1,000.00	
UMN CIROH	8,701.37	165,000.00	-156,298.63	5.27 %
USACE (NESP)	199,481.88	200,000.00	-518.12	99.74 %
USACE (UMRR)	84,208.15	113,000.00	-28,791.85	74.52 %
USEPA (HTF)	92,513.11	133,000.00	-40,486.89	69.56 %
USEPA (OPA)	135,038.34	250,000.00	-114,961.66	54.02 %
USEPA (OWOW)	2,582.72		2,582.72	
USGS Nature-Based Solutions	6,719.92		6,719.92	
Total 4100 Contracts and Grants	570,043.15	868,000.00	-297,956.85	65.67 %
4200 Interest Income				
Short Term Interest				
Short Term (CD)	3,079.92	17,900.00	-14,820.08	17.21 %
Short Term (Checking)	2,653.24	6,000.00	-3,346.76	44.22 %
Short Term (Sweep)	69.11	6,100.00	-6,030.89	1.13 %
Total Short Term Interest	5,802.27	30,000.00	-24,197.73	19.34 %
Total 4200 Interest Income	5,802.27	30,000.00	-24,197.73	19.34 %
4300 Other Income				
Meeting Meals Income	780.00		780.00	
Miscellaneous Income	49.00		49.00	
Total 4300 Other Income	829.00		829.00	
Total Revenue	\$1,019,674.42	\$1,341,000.00	\$ -321,325.58	76.04 %
GROSS PROFIT	\$1,019,674.42	\$1,341,000.00	\$ -321,325.58	76.04 %
Expenditures				
5001 Payroll Expenses				
Benefits	-6,545.71		-6,545.71	
ICHRA	5,702.03		5,702.03	
Salary	778,726.17	920,285.21	-141,559.04	84.62 %
SocSec Company	-1,758.61		-1,758.61	
Taxes	63,241.61	71,322.10	-8,080.49	88.67 %
Total 5001 Payroll Expenses	839,365.49	991,607.31	-152,241.82	84.65 %

Upper Mississippi River Basin Association

FY 2025 Profit & Loss Budget Overview

July 2024 - June 2025

	TOTAL			
	ACTUAL	BUDGET	OVER BUDGET	% OF BUDGET
5002 Benefits Administration	1,744.00	1,308.00	436.00	133.33 %
5100 Space Rental				
Office Rental	61,711.94	68,520.48	-6,808.54	90.06 %
Total 5100 Space Rental	61,711.94	68,520.48	-6,808.54	90.06 %
5101 Legal and Financial				
Bank Charges	31.50	25.00	6.50	126.00 %
Insurance	6,234.50	6,200.00	34.50	100.56 %
Legal and Tax Services	12,500.00	12,000.00	500.00	104.17 %
Total 5101 Legal and Financial	18,766.00	18,225.00	541.00	102.97 %
5102 Telephone/Communications	10,117.84	10,200.00	-82.16	99.19 %
5103 Communications/Publications	63,108.00	40,000.00	23,108.00	157.77 %
5104 Equipment				
Equipment (Maint./Rental)	4,742.21	2,350.00	2,392.21	201.80 %
Equipment (Purchase)		3,000.00	-3,000.00	
Total 5104 Equipment	4,742.21	5,350.00	-607.79	88.64 %
5105 Supplies	5,033.29	1,500.00	3,533.29	335.55 %
5106 Postage	103.04	100.00	3.04	103.04 %
5107 Other Services	7,442.04	15,000.00	-7,557.96	49.61 %
5108 Relocation Expenses	2,850.40		2,850.40	
5200 Meeting Expenses	9,832.54	35,000.00	-25,167.46	28.09 %
5201 Travel	32,844.64	40,000.00	-7,155.36	82.11 %
5202 State Travel Reimbursement				
Illinois	3,666.03	5,000.00	-1,333.97	73.32 %
Iowa	444.02	5,000.00	-4,555.98	8.88 %
Minnesota		5,000.00	-5,000.00	
Missouri	1,005.12	5,000.00	-3,994.88	20.10 %
State WQ Travel		3,500.00	-3,500.00	
Wisconsin		5,000.00	-5,000.00	
Total 5202 State Travel Reimbursement	5,115.17	28,500.00	-23,384.83	17.95 %
5300 OPA Expenses				
Equipment (Maint./Rental) OPA	575.00	1,500.00	-925.00	38.33 %
Equipment OPA		500.00	-500.00	
Travel OPA	306.95	1,000.00	-693.05	30.70 %
Total 5300 OPA Expenses	881.95	3,000.00	-2,118.05	29.40 %
5301 USGS Nature-Based Solutions				
Other Contractual Services	1,210.50		1,210.50	
Total 5301 USGS Nature-Based Solutions	1,210.50		1,210.50	
5304 USEPA Gulf Hypoxia				
Contractual		10,000.00	-10,000.00	
Other Gulf Hypoxia		2,000.00	-2,000.00	
Supplies		1,500.00	-1,500.00	
Travel		1,500.00	-1,500.00	

Upper Mississippi River Basin Association

FY 2025 Profit & Loss Budget Overview

July 2024 - June 2025

	TOTAL			
	ACTUAL	BUDGET	OVER BUDGET	% OF BUDGET
Total 5304 USEPA Gulf Hypoxia		15,000.00	-15,000.00	
5305 USACE NESP				
Other NESP	32,175.00	20,000.00	12,175.00	160.88 %
Travel	5,196.25	5,000.00	196.25	103.93 %
Total 5305 USACE NESP	37,371.25	25,000.00	12,371.25	149.49 %
5306 CIROH UMRS				
Contractual		45,000.00	-45,000.00	
Other CIROH		3,500.00	-3,500.00	
Supplies		1,500.00	-1,500.00	
Total 5306 CIROH UMRS		50,000.00	-50,000.00	
5999 Miscellaneous Expense	125.01		125.01	
Total Expenditures	\$1,102,365.31	\$1,348,310.79	\$ -245,945.48	81.76 %
NET OPERATING REVENUE	\$ -82,690.89	\$ -7,310.79	\$ -75,380.10	1,131.08 %
NET REVENUE	\$ -82,690.89	\$ -7,310.79	\$ -75,380.10	1,131.08 %

Upper Mississippi River Basin Association

Balance Sheet

As of May 7, 2025

	TOTAL
ASSETS	
Current Assets	
Bank Accounts	
Checking HT 2732	38,026.24
Investment	
CD_1 LPL	50,370.28
CD_2 HT	51,784.85
CD_2 LPL	50,345.20
CD_5 LPL	100,726.03
LPL Cash Account	2,250.89
LPL ETF(exchange-traded funds)	129,197.07
Total Investment	384,674.32
Total Bank Accounts	\$422,700.56
Accounts Receivable	
Contract/grants	0.00
Invoiced/Billable	143,116.18
Total Contract/grants	143,116.18
Total Accounts Receivable	\$143,116.18
Other Current Assets	
Prepaid Expense	8.00
Office Rental Prepaid Expense	-3,876.01
Total Prepaid Expense	-3,868.01
Total Other Current Assets	\$ -3,868.01
Total Current Assets	\$561,948.73
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
Total Fixed Assets	\$68,670.09
TOTAL ASSETS	\$630,618.82

Upper Mississippi River Basin Association

Balance Sheet

As of May 7, 2025

	TOTAL
LIABILITIES AND EQUITY	
Liabilities	
Current Liabilities	
Credit Cards	
Visa Chase 5294	244.11
Total Credit Cards	\$244.11
Other Current Liabilities	
Deferred MO DoC (WLM) Revenue	4,206.05
Office Expense Liabilities	0.00
Travel Expense	1,619.60
Total Office Expense Liabilities	1,619.60
Payroll Liabilities	0.00
Accrued Vacation	65,805.15
Accrued Vacation FICA	5,034.09
Federal Withholding	189.00
Medicare	
Medicare Company	39.17
Medicare Employee	39.17
Total Medicare	78.34
MN Income Tax	1,206.17
MN Unemployment Taxes	1,979.42
Social Security	
SocSec Company	167.50
SocSec Employee	167.50
Total Social Security	335.00
SUTA (Minnesota UC)	325.51
Workforce Enhancement Fee	334.97
Total Payroll Liabilities	75,287.65
Total Other Current Liabilities	\$81,113.30
Total Current Liabilities	\$81,357.41
Total Liabilities	\$81,357.41
Equity	
Opening Bal Equity	2,886.58
Retained Earnings	629,065.72
Net Revenue	-82,690.89
Total Equity	\$549,261.41
TOTAL LIABILITIES AND EQUITY	\$630,618.82

Upper Mississippi River Quarterly Meetings

Attachment C

Inland Navigation Capital Investment Strategy

Page Number	Document Title
--------------------	-----------------------

C-1 to C-5	Twenty-Year Investment Priorities Excerpt (1-15-2025)
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4. Twenty-Year Capital Investment Priorities

The 2025 CIS Report shows various funding level scenarios over 2025-2044. Funding shown for a fiscal year (October 1–September 30) is only notional, representing approximate funding levels that would be needed for any fiscal year.

4.1 Active Construction Projects (Category 1a)

Currently, there are eight ongoing construction projects in various stages of completion. Using the 2025 methodology, these are listed in order in alphabetical order (Table 4).

Table 4. Category 1a, Active Construction Projects

Project	Waterway	State	Remaining Cost (\$M) After FY 2024
Chickamauga Lock	Tennessee River	TN	TBD ^A
Kentucky Lock & Dam	Tennessee River	KY	TBD ^A
Locks & Dams 2, 3, and 4 Monongahela River Navigation Project	Monongahela River	PA	TBD ^A
NESP LaGrange Lock	Illinois Waterway	IL	TBD ^A
NESP Lock 25	Mississippi River	MO; IL	\$1,531.0 ^B
NESP Mooring Cells	Mississippi & Illinois	Various	Funded to Completion
Three Rivers	MKARNS	AR	Funded to Completion
Upper Ohio Montgomery Lock	Ohio River	PA	\$675M ^B

Notes:

- A. Cost and schedule update is currently ongoing.
- B. Cost is based on information presented at Users Board Meeting #104 on December 13, 2024.

4.2 Active Design Projects (Category 1b)

Currently, there are three active design projects in various stages. The projects are listed below (Table 5) in alphabetical order.

Table 5. Category 1b, Active Design Projects

Project	Waterway	State
Brazos River Floodgates	GIWW	TX
Thomas O'Brien L&D Major Rehabilitation	Illinois Waterway	IL
Upper Ohio Emsworth Lock	Ohio River	PA

4.3 Future Design Projects (Category 2)

The list of potential new construction projects and major rehabilitation projects for consideration are listed in Table 6. The projects are shown in alphabetical order and not in a priority order.

Table 6. Category 2, Future Design Projects

Project	Waterway	State(s)
Colorado River Locks	GIWW	TX
NESP Lock 20	Mississippi River	IL; MO
NESP Lock 21	Mississippi River	IL; MO
NESP Lock 22	Mississippi River	IL; MO
NESP Lock 24	Mississippi River	IL; MO
NESP Peoria Lock	Illinois Waterway	MO
Upper Ohio Dashields	Ohio River	PA
Winfield L&D Major Rehabilitation	Kanawha River	WV

4.4 Ongoing Studies & Re-evaluations (Category 3a)

Category 3a includes feasibility studies and re-evaluations. The 2025 CIS tracks these projects for awareness of potential projects. These studies follow USACE planning processes. Table 7 lists the projects in alphabetical order and not in priority order. The projects may be in active study phase or are completed but have not been authorized. While authorized, some projects may require additional study because of a change in scope or an update to key study elements such as economic analysis.

Table 7. Category 3a, Ongoing Studies and Re-evaluations (in alphabetical order)

Project	Waterway	Status
Bayou Sorrel Lock	GIWW	Ongoing re-evaluation.
GIWW Brazoria & Matagorda Bay, TX Coastal Resiliency Study	GIWW	2023 Chief's Report.
GIWW, High Island to Brazos River, TX	GIWW	Working on termination report to close study. No further action planned.
Inner Harbor Navigation Canal (IHNC) Lock	GIWW	Study/re-evaluation ongoing.
J. Bennett Johnston (JBJ) 12-foot Deepening	JBJ Waterway	FY24 new start study.

MKARNS 12-foot Deepening	MKARNS	Post-authorization change report development ongoing.
Tennessee-Tombigbee / Black Warrior Tombigbee (BWT) Deepening Study	Tenn-Tom/BWT	Feasibility study ongoing.

4.5 Ongoing Major Rehabilitation Evaluations (Category 3b)

Category 3b includes major rehabilitation evaluations. The 2025 CIS tracks these projects for awareness of potential projects. These studies follow USACE major rehabilitation processes. Table 8 lists the projects in alphabetical order by river system and are not in priority order. The projects may be in active study phase or are completed.

Table 8. Category 3b, Major Rehabilitation Evaluations

Project	Waterway	Status*
David D. Terry L&D (No. 6)	MKARNS	Ongoing.
Dresden Island L&D	Illinois Waterway	Did not qualify for major rehabilitation. Closed.
Greenup L&D	Ohio River	Report planned to be finished in 2026
Marmet L&D	Kanawha River	Report planned to be finished in 2026
Meldahl L&D	Ohio River	Report planned to be finished in 2026
New Cumberland Lock	Ohio River	Report planned to be finished in 2025
Pike Island L&D	Ohio River	Report planned to be finished in 2025
Racine L&D	Ohio River	Report planned to be finished in 2027
Robert S. Kerr L&D	MKARNS	Report planned to be finished in 2025
Starved Rock L&D	Illinois Waterway	Did not qualify for major rehabilitation. Closed.
Webbers Fall L&D	MKARNS	Report planned to be finished in 2025
Winfield L&D	Kanawha River	Completed in December 2022.

Notes:

*Status is based on information presented at Inland Waterways Users Board Meeting #104 on December 13, 2024.

4.6 Baseline Scenario

The 2025 CIS Baseline Scenario (Table 9) is an update of the 2020 Baseline scenarios based on lessons learned over the last 5 years as well as input and feedback from the Users Board. Program funding is variable and depends on the tax receipts received in the IWTF and the annual appropriations. To simplify the analysis and scenario development, the following assumptions apply:

- General Treasury funds are available to match available funds from the IWTF.
- No changes in the cost sharing, fuel tax rate, or other necessary expenses. The current cost sharing (75% Federal and 25% IWTF) continues.
- The annual fuel tax revenue and interest starts at \$117 million in FY 2025 / FY2026 and grows 3.0% per year throughout the planning analysis based on the FY 2025 Budget Appendix for Corps of Engineers - Civil Works.
- Inflation will be 4.2% which is based on the 20-year average of the Corps' Civil Works Construction Cost Index System (CWCCIS).
- One construction contract will construct each project and each project is assumed to be fully operational in 8 years from construction start to the lock being operational (i.e., locking boats). Project will be funded in 5–6 years for lock to be operational in 8 years.
 - There are many alternatives to provide funding such as fully funding the project, annual appropriations, through a continuing contract or incremental funding clause, and/or a 5-year program like the Military Construction program.
 - Projects will be operational three years after they are funded to completion. This is a simplifying assumption based on expert opinion. The actual operational date will be based on the contract for each project.
- A project will not start construction if there is not sufficient funding for it to be efficiently constructed. This means that a project would not be broken into smaller units to match funding if doing so would result in inefficient construction and therefore potentially higher costs. The result is that construction is delayed until sufficient funds are available to proceed.
- Based on expert judgment using historical information, current costs, and accounting for recent cost inflation, lock design cost is \$75 million total and is scheduled for three years (\$25 million per year).
- The minimum IWTF available balance is \$20 million.
- Funding for major rehabilitation projects is included and starts at \$20 million per year and increases to \$60 million per year.
- After ongoing construction projects (Category 1a) are completed, the next inland construction projects are referred to as Lock A, Lock B, and Lock C.
- The internal and external resources will be available to execute the necessary work.

Table 9. Baseline Scenario for FY 2025–FY 2044 (\$M)

Upper Mississippi River Quarterly Meetings

Attachment D

UMRS Flow Frequency Study

Page Number	Document Title
D-1	Upper Mississippi River System Flow Frequency Study (3-11-2025)



UPPER MISSISSIPPI RIVER SYSTEM FLOW FREQUENCY STUDY

As of 11-Mar-25

PROJECT SUMMARY

The current Upper Mississippi River and Illinois River flow frequency study, completed in 2004, was created using a period of record ending in 1998. Since then, frequent and record setting major floods have occurred. The flood of 2019 was historic with regards to flood heights and in its duration. Many communities between Dubuque, Iowa, and St. Louis, Missouri, have experienced the majority of their top ten flood crests in the past 20 years. The Illinois River has experienced the same unprecedented flooding.

This effort will update the flood flow frequency profiles on the Upper Mississippi River from Birds Point (River Mile 2.0) to Anoka, Minnesota (River Mile 864.8), and the Illinois River from Grafton (River Mile 0.0) to Dresden Island Lock and Dam (River Mile 271.5). The study will utilize input data gathered during the previous flow frequency effort, augmented with new observed data from present, adding at least 25 years of new hydrologic data.

USACE continually engages with watershed stakeholders through its various programs and authorities. These stakeholders routinely ask what the effects these recent common and historic floods are on the previously calculated frequencies and have requested this data be included when making water resource decisions. The benefits of an updated study on the Upper Mississippi and Illinois Rivers will be realized immediately and ensure water resource decisions are made using current and accurate data, providing considerable value to the nation.

OBJECTIVES



1

Update flow frequency and associated water surface profiles for the Upper Mississippi and Illinois Rivers



2

Improve confidence and reliability of flow frequencies on the UMR and IWW for FRM planning

EST. COST
\$4.2M



SCAN FOR
MORE
INFORMATION

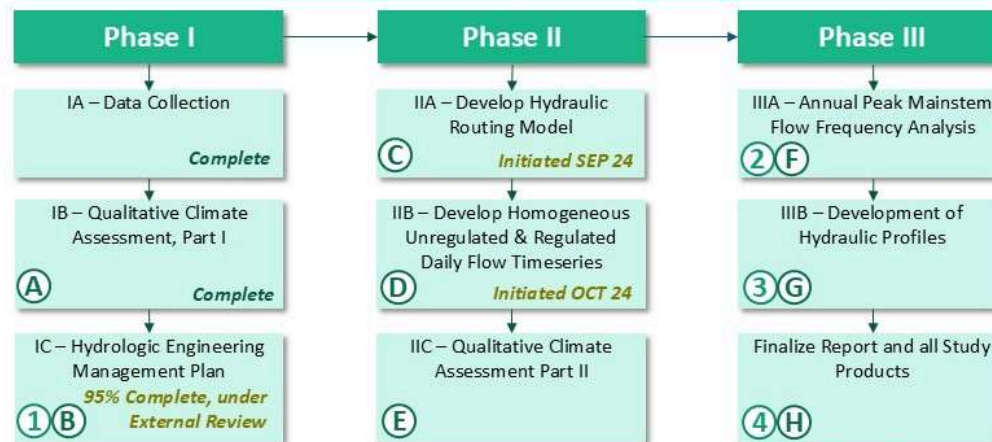


COLLABORATING
AGENCIES



Partially submerged vehicles sit in flood waters on Pershing Ave. in Davenport, Iowa, following a temporary flood wall failure on 30 April 2019.

PROJECT STUDY PHASES AND PRODUCT REVIEWS



Expert Reviews: (A) Climate I; (B) HEMP; (C) Hydraulic Model; (D) Homogeneous Flow; (E) Climate II; (F) Frequency Curves; (G) Hydraulic Profiles; (H) Final Report

Stakeholder and Partner Reviews: (1) HEMP; (2) Frequency Curves; (3) Hydraulic Profiles; (4) Final Report



Upper Mississippi River Quarterly Meetings

Attachment E

Federal Agency Reports

Page Number	Document Title
E-1 to E-3	U.S. Army Corps of Engineers: FY2025 Appropriations (3-24-2025)
E-4 to E-7	FY 2026 President's Budget Proposal of High Level Spending Tables Excerpt (5-2-2025)
Hyperlink	FY 2026 President's Budget Proposal of High Level Spending Tables Full Report: https://whitehouse.gov/wp-content/uploads/2025/05/Fiscal-year-2026-discretionary-budget-request.pdf
E-8	The Seven Norms of Collaborative Work (2021)

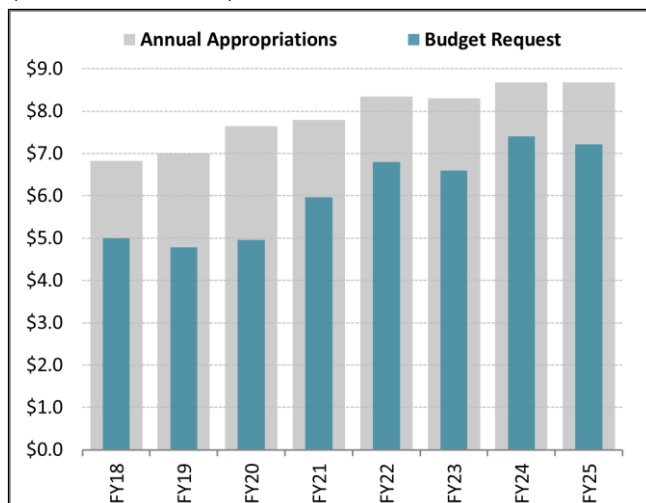
U.S. Army Corps of Engineers: FY2025 Appropriations

Congress generally funds the civil works activities of the U.S. Army Corps of Engineers (USACE) in annual Energy and Water Development appropriations acts. These activities primarily include the planning and construction of authorized water resource projects and the operation and maintenance (O&M) of infrastructure and navigation improvements managed by USACE. USACE uses most of its appropriations for work on specific studies and projects authorized by Congress. Nonfederal project sponsors or users often share in project costs. For more on USACE appropriations, see CRS Report R46320, *U.S. Army Corps of Engineers: Annual Appropriations Process*.

For USACE civil works, President Biden requested \$7.22 billion for FY2025 (**Figure 1**). The House Appropriations Committee reported its FY2025 Energy and Water Development and Related Agencies Appropriations Act (H.R. 8997) on July 9, 2024, which would have appropriated \$9.96 billion for USACE. On August 1, 2024, the Senate Appropriations Committee reported its FY2025 measure (S. 4927), which would have appropriated \$10.34 billion. Following short-term continuing resolutions, the Full-Year Continuing Appropriations and Extensions Act, 2025 (P.L. 119-4), was signed into law on March 15, 2025, to fund USACE at the FY2024 appropriated level (**Figure 1**). Division D, Title 1, of P.L. 118-42 provided USACE with FY2024 annual appropriations of \$8.70 billion and rescinded \$22 million from prior-year appropriations.

Figure 1. Annual USACE Budget Requests and Appropriations, FY2018-FY2025

(nominal \$, in billions)



Source: Congressional Research Service (CRS), based on appropriations laws and USACE budget requests.

Notes: Does not reflect supplemental appropriations or redirection of prior-year appropriations.

In addition to annual discretionary appropriations, Congress has provided supplemental funding to USACE in some fiscal years. For example, the American Relief Act, 2025 (P.L. 118-158), provided \$1.52 billion in FY2025 emergency supplemental funds. Other supplemental funds were made available in prior fiscal years, and USACE is still obligating and expending some of these funds in FY2025. In addition, P.L. 118-42 directed that USACE use \$1.43 billion of unobligated and unallocated Infrastructure Investment and Jobs Act (IIJA; P.L. 117-58) Construction monies to fund construction projects listed in the explanatory statement accompanying P.L. 118-42. For information on USACE supplemental funding, see CRS In Focus IF11945, *U.S. Army Corps of Engineers: Supplemental Appropriations*.

USACE FY2025 Full-Year Continuing Appropriations Funding

P.L. 119-4 provides the same appropriations levels for USACE accounts as P.L. 118-42 did for FY2024 (**Table 1**). The O&M account, which funds maintenance of existing USACE infrastructure, makes up 64% of USACE's FY2025 annual appropriations. In addition, most provisions, such as how much funding is to be derived from the Harbor Maintenance Trust Fund (\$2.77 billion), are retained. Under P.L. 119-4, the Construction account receives the same level of appropriations as in FY2024: \$1.85 billion. However, P.L. 119-4 excludes a P.L. 118-42 provision regarding the use of \$1.43 billion in prior-year unobligated and unallocated IIJA Construction funds. Therefore, P.L. 119-4 provides new funding for USACE's Construction activities in FY2025 in an amount that is 44% less than the amount directed by Congress to fund FY2024 construction activities listed in the explanatory statement accompanying P.L. 118-42.

Community Project Funding and Congressionally Directed Spending

The 112th through 116th Congresses did not allow for congressionally directed funding of site-specific studies and projects, sometimes referred to as *earmarks*. In annual appropriations acts, the 117th and 118th Congresses included *community project funding* (CPF) and *congressionally directed spending* (CDS) requested by Representatives and Senators, respectively, for site-specific studies and projects.

For FY2025, the House and Senate Appropriations committees invited Members of Congress to request CPF and CDS items, respectively, for authorized studies and projects under the accounts listed in **Table 1**. The FY2025 House committee report (H.Rept. 118-580) recommended funding 95 CPF items totaling \$890 million for USACE activities. The FY2025 Senate committee report (S.Rept.

118-250) recommended funding 131 CDS items totaling \$1.03 billion.

Table 1. Selected USACE Account Appropriations: FY2024 and FY2025 Enacted, FY2025 Requested, and FY2025 House and Senate Bills

(nominal \$, in millions)

Account	FY2024 Annual	FY2024 IJJA	FY2025 Requested	FY2025 House	FY2025 Senate	FY2025 Full-Year	FY2025 ARA
Investigations	\$143	—	\$111	\$159	\$308	\$143	\$20
Construction	\$1,855	\$1,485	\$1,958	\$3,010	\$2,979	\$1,855	\$700
MR&T	\$368	—	\$245	\$370	\$375	\$368	\$50
O&M	\$5,553	\$1,000	\$2,570	\$5,714	\$5,849	\$5,553	—

Source: CRS, based on appropriations laws, the FY2025 USACE budget request, H.R. 8997 (118th Congress), and S. 4927 (118th Congress).

Notes: ARA = American Relief Act, 2025 (P.L. 118-158); Full-Year = Full-Year Continuing Appropriations and Extensions Act, 2025 (P.L. 119-4); IJJA = Infrastructure Investment and Jobs Act (P.L. 117-58); MR&T = Mississippi River and Tributaries; O&M = Operation and Maintenance. FY2024 Annual and FY2025 Full-Year amounts do not reflect rescissions from prior-year appropriations (\$22 million total across accounts in each fiscal year).

Section 1111 of P.L. 119-4 establishes that the act does not provide funding for the purposes of the FY2024 earmarks, and P.L. 119-4 does not incorporate the CPF/CDS items from the FY2025 committee reports.

Work Plan

Section 1503(a) of P.L. 119-4 removes the requirement for the Secretary of the Army to allocate appropriated funds in accordance with the explanatory statement accompanying P.L. 118-42. Instead, Section 1503(b) directs USACE’s Chief of Engineers to develop a work plan to allocate P.L. 119-4 funding and to deliver the work plan to the Senate and House Appropriations Committees no later than May 14, 2025. Once submitted, there are to be no deviations from the work plan aside from reprogramming authority as provided to USACE in P.L. 118-42.

New starts is a term describing USACE studies or projects selected to receive funding to initiate study or project work. For FY2025, the Biden Administration did not request and the House report (H.Rept. 118-580) did not recommend new starts, but the Senate report (S.Rept. 118-205) recommended new starts under the Investigations and the Mississippi River and Tributaries (MR&T) accounts. P.L. 119-4 specifies that USACE is to allocate FY2025 funding under the Investigations, Construction, and MR&T accounts in the work plan only to active studies and projects. That is, Congress did not allow for any new starts using FY2025 annual appropriations under P.L. 119-4.

USACE FY2025 Supplemental Funding

As previously mentioned, USACE received \$1.52 billion in supplemental funds for FY2025 (P.L. 118-158), with \$745 million for the Flood Control and Coastal Emergencies (FCCE) account to cover disaster-related expenses. The MR&T account received \$50 million also for disaster related expenses, and the Investigations account received \$20 million for studies of flood risk reduction projects. In addition, the Construction account received \$700 million for various purposes. USACE received \$100 million to plan

and construct flood and storm damage reduction projects of limited scope and cost without project-specific authorizations through its Continuing Authorities Programs (see CRS In Focus IF12635, *Continuing Authorities Programs (CAPs) of the U.S. Army Corps of Engineers*). USACE received \$300 million for environmental infrastructure assistance projects, which are described further in CRS Report R47162, *Overview of U.S. Army Corps of Engineers Environmental Infrastructure (EI) Assistance*. Another \$300 million is for completing projects already started by previous supplemental appropriations acts. As directed, the Chief of Engineers allocated the Investigations and Construction funding in work plans.

Selected Issues for Congress

Many Members of Congress are particularly interested in federal funding of USACE studies and projects for their economic benefits, safety improvements, and environmental effects. Therefore, Congress is likely to be attentive to how P.L. 119-4 appropriations are allocated to studies and projects in the USACE work plan. The accounts in **Table 1** compose the majority of USACE appropriations. In recent fiscal years, most studies and projects that received funding from those accounts were CPF/CDS requests or were included in the President’s Budget Request. The remaining studies and projects that received funding did so based on USACE discretion to allocate in work plans “additional funding” after enactment of appropriations. In the case of FY2025, USACE will have discretion in allocating the full appropriations for these accounts in the work plan among active, authorized studies and projects. This may result in funding active studies and projects outside of those recommended for funding in the reports accompanying the FY2025 House and Senate bills and included in the FY2024 work plans and the FY2025 budget request. In addition, fewer projects may receive Construction appropriations in FY2025 compared with FY2024. The work plan may also include less CAP or EI funding compared with both FY2024 enacted levels and the amounts in the FY2025 House and Senate reports, given the

supplemental funding provided by P.L. 118-158 for these activities. Congress may wish to influence development of the work plan through engagement with USACE and may aim to conduct oversight, such as through hearings, on how USACE implements P.L. 119-4 and P.L. 118-158 funding.

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IF12648

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Table 1. Proposed 2026 Discretionary Request by Discretionary Category

(Budget authority in billions of dollars)

	2025	2026	2026 Request Less 2025 Enacted	
	Enacted ¹	Request	Dollar	Percent
Base Discretionary Funding.....	1,613.1	1,450.0	-163.1	-10.1%
<i>Defense</i>	892.6	892.6	---	---
<i>Non-Defense</i> ²	720.5	557.4	-163.1	-22.6%
<i>Pending Reconciliation Resources Affecting Base Discretionary Funding:</i> ³				
<i>Defense</i>	---	119.3	+119.3	---
<i>Non-Defense.....</i>	---	43.8	+43.8	---
Base Discretionary, including reconciliation resources.....	1,613.1	1,613.1	---	---
<i>Defense</i>	892.6	1,011.9	+119.3	+13.4%
<i>Non-Defense</i> ²	720.5	601.2	-119.3	-16.6%
Non-Base Funding: ⁴				
Emergency Funding.....	117.7	-2.3	-120.0	-101.9%
Program Integrity.....	2.5	3.1	+0.6	+22.6%
Disaster Relief.....	22.9	26.6	+3.7	+16.3%
Wildfire Suppression.....	2.8	2.9	+0.1	+3.6%
Infrastructure Investment and Jobs Act.....	66.1	43.7	-22.5	-34.0%
Other Exempted appropriations.....	5.9	4.0	-1.8	-31.4%
Total, Non-Base Funding.....	217.8	78.0	-139.9	-64.2%
Total, Discretionary including reconciliation resources.....	1,830.9	1,691.1	-139.9	-7.6%

Please note: some totals may not add due to rounding.

¹ The 2025 enacted column reflects OMB scoring of appropriations enacted in the Full-Year Continuing Appropriations Act, 2025 (division A of Public Law 119-4) and the Disaster Relief Supplemental Appropriations Act (division B of Public Law 118-158). This level does not include \$2.9 billion in emergency funds provided for 2025 by the Congress that were not designated as emergency by the President since those amounts are not available for obligation.

² The base non-defense total for 2025 includes \$9.4 billion in emergency funds that are considered to be for base activities.

³ H. Con. Res. 14, the Concurrent Resolution on the Budget for Fiscal Year 2025, as passed by the House and Senate includes instructions to provide additional funding for defense, homeland, and law enforcement activities. The Administration assumes at least \$325 billion (\$175 billion for border security/non-defense and \$150 billion for defense) will be enacted in a reconciliation bill later this year to meet these instructions and the funds will supplement discretionary resources for the Departments of Defense and Homeland Security, as well as the National Nuclear Security Administration in the Department of Energy for fiscal years 2026-2034. For 2026, the Administration assumes approximately \$163.1 billion of these funds will be spent with \$119.3 billion for defense activities and \$43.8 billion for border/non-defense activities.

⁴ Non-base funding reflects appropriations for anomalous or above-base activities such as emergency requirements, program integrity, disaster relief, and wildfire suppression, or amounts that have been explicitly exempted from counting for budget enforcement in authorization Acts. These amounts continue to be presented outside of base allocations.

Table 2. 2026 Discretionary Request by Major Agency

(Budget authority in billions of dollars)

	2025	2026	2026 Request Less	
	Enacted ¹	Request	Dollar	Percent
Base Discretionary Funding: ²				
Cabinet Departments:				
Agriculture ^{3,4}	27.3	22.3	-5.0	-18.3%
Commerce:				
<i>Commerce, excluding Nonrecurring Expenses Fund rescission</i>	10.2	8.5	-1.7	-16.5%
<i>Nonrecurring Expenses Fund rescission</i>	-9.6	---	+9.6	-100.0%
Defense, including reconciliation resources ⁵	848.3	961.6	+113.3	+13.4%
Education.....	78.7	66.7	-12.0	-15.3%
Energy (DOE).....	49.8	45.1	-4.7	-9.4%
<i>National Nuclear Security Administration (NNSA)</i>	24.0	24.0	---	---
<i>Other DOE, excluding NNSA</i>	25.8	21.1	-4.7	-18.2%
<i>NNSA, including reconciliation resources ⁵</i>	24.0	30.0	+6.0	+25.0%
Health and Human Services (HHS) ⁶	127.0	93.8	-33.3	-26.2%
Homeland Security, including reconciliation resources ⁵	65.1	107.4	+42.3	+64.9%
Housing and Urban Development (HUD):				
<i>HUD program level</i>	77.0	43.5	-33.6	-43.6%
<i>HUD receipts</i>	-6.7	-10.3	-3.6	N/A
Interior ⁴	16.8	11.7	-5.1	-30.5%
Justice.....	36.0	33.2	-2.7	-7.6%
Labor.....	13.3	8.6	-4.6	-34.9%
State and International Programs ^{3,7}	58.7	9.6	-49.1	-83.7%
<i>State and International, excluding rescissions and cancellations</i>	59.6	31.2	-28.4	-47.7%
Transportation.....	25.2	26.7	+1.5	+5.8%
Treasury ⁷	14.2	11.5	-2.7	-19.0%
Veterans Affairs.....	129.2	134.6	+5.4	+4.1%
<i>Veterans Affairs, including Toxic Exposures Fund</i>	159.7	187.2	+27.6	+17.3%
Major Agencies:				
Corps of Engineers.....	5.9	5.0	-0.9	-15.2%
Environmental Protection Agency.....	9.1	4.2	-5.0	-54.5%
General Services Administration.....	-0.9	0.5	+1.3	N/A
National Aeronautics and Space Administration.....	24.8	18.8	-6.0	-24.3%
National Science Foundation.....	8.8	3.9	-4.9	-55.8%
Small Business Administration.....	0.9	0.6	-0.3	-33.2%
Social Security Administration (SSA) ⁶	12.7	12.7	---	---
Changes in mandatory program offsets ⁸	-36.0	-34.0	+2.0	-5.4%
Other Agencies.....	27.0	21.0	-6.0	-22.2%
Subtotal, Base Discretionary, including reconciliation resources.....	1,613.1	1,613.1	---	---

Table 2. 2026 Discretionary Request by Major Agency

(Budget authority in billions of dollars)

	2025	2026	2026 Request Less	
	Enacted ¹	Request	2025 Enacted	
			Dollar	Percent
Non-Base Discretionary Funding: ⁹				
Emergency Requirements:				
Agriculture.....	40.2	---	-40.2	N/A
Commerce.....	2.5	---	-2.5	N/A
Defense.....	11.8	---	-11.8	N/A
Energy.....	0.1	-2.3	-2.4	N/A
Homeland Security.....	30.8	---	-30.8	N/A
Housing and Urban Development.....	12.0	---	-12.0	N/A
Interior.....	3.1	---	-3.1	N/A
Transportation.....	8.1	---	-8.1	N/A
Corps of Engineers.....	1.5	---	-1.5	N/A
Environmental Protection Agency.....	3.3	---	-3.3	N/A
Small Business Administration.....	2.2	---	-2.2	N/A
Other Agencies.....	2.0	---	-2.0	N/A
Subtotal, Emergency Requirements.....	117.7	-2.3	-120.0	-101.9%
Program Integrity:				
Health and Human Services.....	0.6	0.6	---	---
Labor.....	0.3	0.4	+0.1	+29.2%
Social Security Administration	1.6	2.1	+0.5	+30.3%
Subtotal, Program Integrity.....	2.5	3.1	+0.6	+22.6%
Disaster Relief: ¹⁰				
Homeland Security.....	22.5	26.5	+4.0	+17.6%
Small Business Administration.....	0.4	0.1	-0.2	-61.8%
Subtotal, Disaster Relief.....	22.9	26.6	+3.7	+16.3%
Wildfire Suppression:				
Agriculture ⁴	2.4	2.5	+0.1	+3.8%
Interior ⁴	0.4	0.4	+	+2.8%
Subtotal, Wildfire Suppression.....	2.8	2.9	+0.1	+3.6%
Infrastructure Investment and Jobs Act Funding: ¹¹				
Agriculture.....	0.9	0.9	---	---
Commerce.....	1.1	*	-1.1	-99.5%
Energy.....	10.8	-6.2	-17.0	-157.0%
Health and Human Services.....	0.8	0.7	-0.1	-12.5%
Homeland Security.....	1.1	1.0	-0.1	-8.9%
Interior.....	2.3	2.3	-0.0	-0.2%
Transportation.....	36.8	32.7	-4.1	-11.1%
Environmental Protection Agency.....	12.0	12.0	---	---
Other Agencies.....	0.2	0.1	-0.1	-25.9%
Subtotal, Infrastructure Investment and Jobs Act Funding.....	66.1	43.7	-22.5	-34.0%

Table 2. 2026 Discretionary Request by Major Agency

(Budget authority in billions of dollars)

	2025	2026	2026 Request Less	
	Enacted ¹	Request	2025 Enacted	
			Dollar	Percent
Other Exempted Funding: ¹¹				
Education.....	0.2	0.2	---	---
Health and Human Services.....	0.4	0.2	-0.1	-36.0%
Justice.....	0.3	0.3	---	---
Corps of Engineers.....	2.8	1.7	-1.1	-39.9%
Environmental Protection Agency.....	2.2	1.6	-0.6	-26.8%
Subtotal, Other Exempted Funding.....	5.9	4.0	-1.8	-31.4%
Subtotal, Non-Base Discretionary Funding.....	217.8	78.0	-139.9	-64.2%
Total, Discretionary Budget Authority, including reconciliation resources.....	1,830.9	1,691.1	-139.9	-7.6%

Please note: some totals may not add due to rounding.

* \$50 million or less.

¹ The 2025 enacted column reflects OMB scoring of appropriations enacted in the Full-Year Continuing Appropriations Act, 2025 (division A of Public Law 119-4) and the Disaster Relief Supplemental Appropriations Act (division B of Public Law 118-158). This level does not include \$2.9 billion in emergency funds provided for 2025 by the Congress that were not designated as emergency by the President since those amounts are not available for obligation.

² Base funding for 2025 includes \$9.4 billion in emergency funds that are largely considered for base activities.

³ Funding for Food for Peace Title II Grants is included in the State and International Programs total. Although the funds are appropriated to the Department of Agriculture, the funds are administered by the U.S. Agency for International Development (USAID).

⁴ The Full 2026 Budget will reflect a proposal to consolidate and unify the Federal wildland fire responsibilities into a single new Federal Wildland Fire Service at the Department of the Interior, including transferring Agriculture's current wildland fire management resources and responsibilities.

⁵ The Administration assumes enactment of a reconciliation bill later this year that will include at least \$325 billion in additional resources (including \$175 billion for border/non-defense and \$150 billion for defense) to supplemental certain discretionary activities. For 2026, the Administration assumes a total of \$163.1 billion will be allocation with \$113.3 billion going to the Department of Defense, \$43.8 billion for the Department of Homeland Security, and \$6 billion for NNSA.

⁶ The SSA total includes funding for administrative expenses from the Hospital Insurance and Supplementary Medical Insurance trust funds. Although the funds are appropriated to HHS, the costs are incurred by SSA in support of the Medicare program.

⁷ The State and International Programs total includes funding for the Department of State, USAID, Treasury International, and 11 international agencies while the Treasury total excludes Treasury's International Programs.

⁸ The limitation enacted and proposed in the Justice Department's Crime Victims Fund program, rescissions enacted in the Internal Revenue Service in 2025, and cancellations enacted and proposed in the Children's Health Insurance Program in HHS make up the bulk of these offsets.

⁹ Non-base funding reflects appropriations for anomalous or above-base activities such as emergency requirements, program integrity, disaster relief, and wildfire suppression, or amounts that have been explicitly exempted from counting for budget enforcement in authorization Acts. These amounts continue to be presented outside of base allocations.

¹⁰ The Balanced Budget and Emergency Deficit Control Act of 1985 had authorized an adjustment to the discretionary spending caps for appropriations designated by the Congress as being for "disaster relief" provided those appropriations are for activities carried out pursuant to a determination under the Robert T. Stafford Disaster Relief and Emergency Assistance Act. The 2026 Blueprint maintains the same methodology for determining the funding ceiling for disaster funding for 2026 and OMB currently sets its request at the estimated ceiling of \$26.6 billion.

¹¹ The Infrastructure Investment and Jobs Act funds and Exempted funds are amounts that are not counted for purposes of budget enforcement and are therefore counted as part of non-base funding. The exempted funds include 21st Century Cures appropriations in HHS, the Bipartisan Safer Communities Act advance appropriations, certain revenues provided for the Environmental Protection Agency's Superfund program, and Harbor Maintenance Trust Fund appropriations in the Corps of Engineers.

The Seven Norms of Collaborative Work

Pausing

Pausing before responding or asking a question allows time for thinking and enhances dialogue, discussion and decision-making.

Paraphrasing

Using a paraphrase starter that is comfortable for you “So . . . ” or “You’re feeling . . . ” or “You’re thinking . . . ” and following the starter with a paraphrase assists members of the group to hear and understand one another.

Posing questions

Two intentions of posing questions are to explore and specify thinking. Questions may be posed to explore perceptions, assumptions and interpretations and invite others to inquire into their own thinking. For example, “What might be some outcomes we are envisioning?” Use focusing questions such as, “Which students, specifically?” or “What might be an example of that?” to increase the clarity and precision of group members’ thinking. Inquire into the ideas of others before advocating for one’s own ideas.

Putting ideas on the table

Ideas are the heart of a meaningful dialogue. Label the intention of your comments. For example, you might say, “Here is one idea . . . ” or “One thought I have is . . . ” or “Here is a possible approach . . . ”

Providing data

Providing data, both qualitative and quantitative, in a variety of forms supports group members in constructing shared understanding from their work. Data have no meaning beyond that which we make of them; shared meaning develops from collaboratively exploring, analyzing and interpreting data.

Paying attention to self and others

Meaningful dialogue is facilitated when each group member is conscious of self and of others, and is aware of not only what he or she is saying, but also how it is said and how others are responding. This includes paying attention to human uniqueness when planning for, facilitating and participating in group meetings. Responding to others in their own language forms is one manifestation of this norm.

Presuming positive intentions

Assuming that others’ intentions are positive promotes and facilitates meaningful dialogue and eliminates unintentional putdowns. Using positive intentions in your speech is one manifestation of this norm.

Upper Mississippi River Quarterly Meetings

Attachment F

Additional Items

Page Number	Document Title
F-1	Future Meeting Schedule
F-2 to F-8	Frequently Used Acronyms (4-29-2022)

QUARTERLY MEETINGS FUTURE MEETING SCHEDULE

AUGUST 2025	
<u>Minneapolis-St. Paul Metro</u>	
August 5	UMRBA Quarterly Meeting
August 6	UMRR Coordinating Committee Quarterly Meeting

OCTOBER 2025	
<u>Quad Cities</u>	
October 28	UMRBA Quarterly Meeting
October 29	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