

**MWEA
EXECUTIVE COMMITTEE & COMMITTEE CHAIR MEETING
AGENDA**

**Saturday, March 25, 2023
1:30 pm to 4:30pm
Margaritaville Lake Resort - Island Room**

1:30 PM Call to Order & Confirmation of a Quorum

Approval of the minutes from the November 2022 meeting

Reports from Officers

President, Amanda Johnson
President-Elect, Todd Fulton
Vice President, Allison Mannion
Treasurer, Samantha Weidenbenner/Ben Riles
Secretary, Eric Farrow/Lacey Hirschvogel

Past President, Rebecca Coyle
Past-Past President, Jim Burks
WEF Delegates, Cliff Cate & Diane Grossenheider
WEF Delegate, Janet Cann
PWOD Representative, Clara Haenchen

Committee Reports

KNOWLEDGE (Past President – Rebecca Coyle)

Stormwater & Watershed Management, Colleen Armstrong & Chris Walter
Small Flows, Jon Shellhorn & Brock Pfost
Biosolids Management, Jeff Barnard & Andrew Hummel
Collection Systems, Verlon Persinger
Lab Practices, Rodney Spires & Natalie Stahl
Plant Managers, Gary Davis
Industrial Wastewater, Mark Pearson
Plant Operators, Ronnie Box
Safety, Security & Occupational, Health, Chris Safford
Diversity, Equity and Inclusion Committee, Saki Urushidani & Katie Bruegge

DELIVERY (Past-Past President – Jim Burks)

Local Arrangements, Bently Green
Newsletter, Jennifer Welsch
Website, Rob Kuenzel
Registration, Andrew Schranck
Awards, Robert Neath
Program, John Killips

STAKEHOLDERS (Sr. Delegate – Cliff Cate)

Student Activities, Tori Bonnot
Young Professionals – Isabella Karallas, Zachariah Malach & Andrew Hummel
WFP, Jeff Gratzner
Government Affairs – Lacey Hirschvogel & David Carani
Public Relations, Jeremy Rosemann & Rebecca Howley
Education, Tom Inman
SSSSS, Jeff Clarke

MANAGEMENT (Jr. Delegate – Diane Grossenheider)

Membership, Todd Rasche
Audit, Bob Welsch
Nominating, Rebecca Coyle
Tellers, Jeff Finn
Historian, Pam Schweitzer
Association Management, Dalton Turner

Old Business

1. Ad-Hoc Joint MO-AWWA JAM Committee Update (Jeff Clarke)
2. Standard Operating Procedures (SOP's) Update

New Business

1. Updating Committee Descriptions (committee awards)
2. Visioning Session (August 2023)

President's reception at 5:00 in TBD room.

MWEA EXECUTIVE COMMITTEE QUARTERLY MEETING

STONE CREEK, COLUMBIA, MO

NOVEMBER 4, 2022

Quorum confirmed.

Amanda Johnson called the meeting to order by 9:00 a.m.

Scott Foley motioned to approve the previous meeting minutes; Todd Fulton seconded. Motion passed.

ATTENDEES:

- *In-person: Tom Inman, Scott Foley, John Killips, Katie Bruegge, Charles McAllister, Andrew Schranck, Todd Fulton, Chris Walter, Diane Grossenheider, Ben Riles, Clara Haenchen, Rodney Spires, David Carani, Mike Castner, Allison Mannion, Amanda Johnson, Dalton Turner*
- *Virtual: Samantha Weidenbenner, Eric Farrow, Zachariah Malach, Bently Green, Saki Urushidani, Rob Kuenzel, Tori Bonnot, Russell Mark Pearson, Jeffrey Gratzner, Isabella Karallas,*

INTRODUCTIONS

- *Both in person attendees and those online introduced themselves.*

REPORT FROM OFFICERS – Facilitated by Amanda Johnson

- President, Amanda Johnson – *Presented a general update.*
- President-Elect, Todd Fulton - *No report.*
- Vice President, Allison Mannion
 - *Fall Tech went well with 163 total registered attendees. Allison will engage Stoney Creek on a contract for 2023.*
- Treasurer, Sam Weidenbenner – *Mike Castner presented the report.*
- Secretary, Eric Farrow – *Presented report. Amanda noted that Mel is currently a trustee with MoAWWA, but does not intend to proceed further in MoAWWA. Assistant Secretary is intended to be a one-year term starting, therefore Mel Peterein will serve the position on an interim basis. Eric to remove Mel from the draft ballot.*
- Past-President, Rebecca Coyle – *Nominating committee, succession planning spreadsheet*
- Past-Past President, Jim Burks – *No report*
- WEF Delegate, Diane Grossenheider – *No report, gearing up for WEFTEC and participating in Water Advocate workgroup, WEFMAX in St. Louis will be held on April 12-14, 2023. Scott Foley was re-elected for the House of Delegates (at large).*
- PWOD, Clara Haenchen – *Presented report*
 - *Current MDNR review and approval window is 60-days, but Clara requests a 90-day notice to ensure an on time advertisement. For example, the most recent request for a workshop in December 2022 was approved yesterday.*

KNOWLEDGE – Facilitated by Amanda Johnson (in Becca's absence)

- Stormwater and Watershed – *Chris stated he plans to host a committee meeting on Teams at 1p.m.*
- Small Flows – *Jon Shellhorn, no report.*
- Biosolids – *No report.*
- Collection Systems, Verlon Persinger – *Amanda read the report.*

- Lab Practices, Rodney Spires – *Presented report.*
- Plant Managers – *Report presented by Amanda.*
- Industrial Wastewater, Mark Pearson – *Presented report.*
- Plant Operators, Ronnie Box – *No report.*
- Safety, Security and Occupational Health, Chris Safford – *No report.*
- Diversity, Equity & Inclusion, Saki and Katie – *See attached report. It was noted that DE&I initiatives should be coordinated with other appropriate committees.*

Reports concluded at 10:38 a.m.

DELIVERY – Facilitated by Jim Burks

- Local Arrangements, Bently Green – *Bently presented a report noting that Northwinds is closed and Wingate will be used. Discussion about price increases may result in approximately \$15,000 added cost. This translates to approximately \$20/full conference registrant. **Allison motioned that JAM Planning Committee and MWEA President granted authority to negotiate the price increase for JAM 2023 not to exceed a 20% increase, seconded by Todd. Motion passed.***
- Newsletter, Jennifer Welsch – *No report. The contract with Kelman who publishes the newsletter for MWEA.*
- Website, Rob Kuenzel (not present) – *No report.*
- Registration, Andrew Schranck – *Report presented by Andrew.*
- Awards, Robert Neath – *No report.*
- Programs, John Killips – *John reported that there are currently 110 submittals. Call for papers extended through 11/10. Encourage coworkers to submit for presentations. Clara suggestions a operator track; Clara to follow up with operators. Dave Yates to take over for John in JAM 2024.*

STAKEHOLDERS – Facilitated by Amanda Johnson

- Student Activities, Tori Bonnot – *Update by Tori. She noted the newly formed committee with Gary Moore and Dr. Jason (Zhen). Newsletter articles submitted for the Current.*
- Young Professionals, Zach Malach – *Report presented by Zach. Planning for JAM 2023 YPG event to begin in December 2022. Clara asked about free membership for YP's.*
- WFP, Jeff Gratzner – *JAM 2023 will be Jeff's final year as chairperson. Jeff Clarke and Diane volunteered to co-chair.*
- GAC, David Carani – *Presented update.*
- Public Relations, Jeremy Rosemann – *No report.*
- Education, Tom Inman – *Brief report presented by Tom.*
- SSSSS, Jeff Clarke – *Jeff noted this will be an anniversary year and intends to special order shovels.*

MANAGEMENT – Facilitated by Diane Grossenheider

- Membership, Todd Rasche – *Report presented by Diane.*
- Audit – *No report.*
- Nominating – *Becca stated the committee held a meeting recently for upcoming Officer vacancies (Vice President Assistant Secretary and Treasurer, and Junior Delegate). MWEA volunteers should contact Becca if they are interested in a position on the executive committee for*

consideration in succession planning. It was also noted that committees should be considering their own succession planning and future opportunities for current committee chair continued involvement.

- Tellers, Jeff Finn – *Report presented by Jeff.*
- Historian – *No report.*

Reports concluded at 11:12 a.m.

OLD BUSINESS

- Ad-Hoc Joint MO-AWWA JAM Committee Update, Jeff Clarke
 - *Jeff asked, half of survey respondents said they want to be a part of the conference venue selection, and asked for approval to rent a hotel room ahead of JAM 2023 to host a workshop to discuss with both organizations. Expects 20-30 attendees and a full day. **Todd motioned to authorize funding to provide lunch for future JAM venue selection workshop, Diane seconded, motion passed.** Dalton offered a C2C provided conference space in Jefferson City that can be used. Bently stated, “Need to first evaluate feasible locations and consider a rotating venue rather than the static venue we’ve had for so long. It may be more like TN-KY which rotates to a different location every year. For us, STL, KC, Columbia, Springfield would all be in play. STL and KC easily accommodate a 1,000 attendee conference, and likely Springfield as well. Not sure about Columbia.”*
- Code of Conduct, Scott Foley – *Scott continues to work with WEF and MWEA Board on the Code of Conduct update. He also passed along WEF’s suggestion for MA’s to have an attorney on retainer.*

NEW BUSINESS

- SOP Ad-Hoc Committees – *Amanda presented an update of the SOP’s that have been adopted; see also Secretary report.*
- *Current Newsletter provided Kraig Kelman & Associates Ltd. is up for renewal. Allison motioned to approve, Todd seconded, motion passed.*
- *Eric requested WEF Award Nominations*

Charles retired from JCW, attended the meeting and introduced himself.

Katie asked about awards that are posted to the website. Eric to coordinate with Dalton and confirm WEF Awards are posted correctly.

Group consensus was for no EC meeting in January. Next meeting will be held in conjunction with JAM in March 2023.

Diane motioned to adjourn, and Todd seconded. Motion passed.

Meeting adjourned at 11:46 p.m.

Underline italics indicates an action item recorded at the meeting.

Bold italics indicates a vote was cast.

MISSOURI WATER ENVIRONMENT ASSOCIATION

*Member of the
Water Environment Federation*

SM

March 25, 2023

Treasurer's Report

Account Balances **as of 3/1/2023:**

MWEA Checking – \$222,823.64

MWEA CD – \$60,616.57

Vanguard Scholarship – \$135,571.42 (as of quarterly statement end 12/31/2022)

TOTAL MWEA Funds: \$419,011.63

Joint Account – \$31,341.95

Our total MWEA funds are \$21,532.15 higher than where we were a year ago.

Committee Budgets

See attached budget summary based on feedback from committee chairs.

QuickBooks and Accounting Services

We have procured the services of an accounting firm to regularly assist with Quickbooks and accounting related items that arise. The goal is to maintain some consistency with this organization so when treasurers come and go, they become familiar with our organization and can help with any of our needs.

Bank Accounts

After switching to StarChapter pay the organization has saved roughly 35% on fees associated with processing payments online.

Online File Storage

The treasurer position is almost fully integrated with the MWEA google drive. This allows easy access to reference expenses, reimbursements, and any other financial document that comes in without having to rely on hard copy and email correspondence.

Transition

Mike Castner has been learning the Treasurer position and will take it over in March 2023. Tom Inman will be the assistant treasurer. In the next few weeks, we will transition Tom and Mike over to the necessary accounts.

Send any requests for detailed expenses breakdown by committee to treasurer@mwea.org. Don't forget to use our tax exempt form. Thanks for reading!

Mike Castner - Treasurer mcastner@hydro-kinetics.com or treasurer@mwea.org

Tom Inman - Assistant Treasurer

Visit our website at www.MWEA.org

Proposed MWEA Budget 2023

Budget Year 1-1-2023 to 12-31-2023

Description	Revenue	Expense	Net
Executive Administration			
Insurance		\$ 1,500	\$ (1,500)
Annual Joint Conf (JAM)	\$ 45,000	\$ -	\$ 45,000
WEF Membership Rebates	\$ 23,500		\$ 23,500
Accounting (AKA Treasurer Expenses)		\$ 4,700	\$ (4,700)
Tax Preparation		\$ 1,600	
2 (1500 each) Student Scholarships	\$ 3,000	\$ 3,000	\$ -
WERF (Annual Donation)			\$ -
Fall Technical Conference	\$ 10,000	\$ 9,000	\$ 1,000
Paid Staff		\$ 27,000	\$ (27,000)
WEFMAX 5,000 (2 delegates and 3 others), 2 WEFTEC (Delegates 2K each), WEF Official (1k Each)		\$ 12,000	\$ (12,000)
Misc. Expenses-This includes printing, mailing, phone, meals at meetings, Chair gifts, Survey Monkey, etc.		\$ 13,000	\$ (13,000)
Committee			
Program			\$ -
Audit			\$ -
Awards		\$ 2,500	\$ (2,500)
Biosolids Management	\$ 1,500	\$ 1,500	\$ -
Collection Systems	\$ 5,000	\$ 2,000	\$ 3,000
Diversity, Equity, and Inclusion		\$ 500	\$ (500)
Education/SJWP		\$ 1,000	\$ (1,000)
Government Affairs		\$ 2,000	\$ (2,000)
Historian			\$ -
Industrial Wastewater		\$ 200	\$ (200)
Lab Practice	\$ 900	\$ 500	\$ 400
Membership			\$ -
Newsletter	\$ 2,000		\$ 2,000
Nominating			\$ -
Plant Managers			\$ -
Plant Operators			\$ -
Public Relations		\$ -	\$ -
Registration		\$ -	\$ -
Safety, Security & OH			\$ -
Small Flows	\$ 1,000	\$ 1,000	\$ -
SSSSS		\$ 700	\$ (700)
Stormwater & Watershed		\$ 1,000	\$ (1,000)
Student Activities		\$ 2,000	\$ (2,000)
Tellers			\$ -
Virtual Training	\$ -	\$ -	\$ -
Water For People		\$ 1,500	\$ (1,500)
Website		\$ 1,375	\$ (1,375)
Young Professional		\$ 2,000	\$ (2,000)
YP Summit (2)		\$ 3,400	\$ (3,400)
TOTALS	\$ 91,900	\$94,975	\$ (3,075)

Missouri Water Environment Association

Budget vs. Actuals: Fiscal Year 2022 - FY22

January - December 2022

	TOTAL			
	ACTUAL	BUDGET	REMAINING	% REMAINING
Revenue				
MWEA Administrative Revenue				
44800 WEF Membership Rebates	23,565.00	22,000.00	-1,565.00	-7.11 %
44900 MWEA Scholarship Revenue		4,500.00	4,500.00	100.00 %
MWEA share of JAM Revenue	111,000.00	106,000.00	-5,000.00	-4.72 %
Total MWEA Administrative Revenue	134,565.00	132,500.00	-2,065.00	-1.56 %
MWEA Biosolids Management Revenue		1,500.00	1,500.00	100.00 %
MWEA Collections System Revenue	6,364.27	5,000.00	-1,364.27	-27.29 %
MWEA Fall Tech Revenue	10,618.42	8,000.00	-2,618.42	-32.73 %
MWEA Lab Practices Committee Revenue	1,507.47	700.00	-807.47	-115.35 %
MWEA Newsletter Committee Revenue	1,500.00	2,000.00	500.00	25.00 %
MWEA Small Flows Revenue		1,000.00	1,000.00	100.00 %
MWEA Stormwater & Watershed Committee Revenue		5,500.00	5,500.00	100.00 %
MWEA Virtual Training Revenue		1,000.00	1,000.00	100.00 %
Total Revenue	\$154,555.16	\$157,200.00	\$2,644.84	1.68 %
GROSS PROFIT	\$154,555.16	\$157,200.00	\$2,644.84	1.68 %
Expenditures				
MWEA Administrative Expenses				
Awards Expenses	2,377.02	2,300.00	-77.02	-3.35 %
Insurance	1,206.00	3,300.00	2,094.00	63.45 %
Misc. Admin Expenses	6,523.98	8,000.00	1,476.02	18.45 %
Paid Staff	31,221.48	26,820.00	-4,401.48	-16.41 %
Tax Preparation	1,575.00	1,700.00	125.00	7.35 %
Treasurer Expenses	1,485.00	4,260.00	2,775.00	65.14 %
WEF Travel Expenses	7,714.31	11,000.00	3,285.69	29.87 %
WERF Donation (deleted)		1,000.00	1,000.00	100.00 %
Total MWEA Administrative Expenses	52,102.79	58,380.00	6,277.21	10.75 %
MWEA Biosolids Management Expense		1,500.00	1,500.00	100.00 %
MWEA Collection Systems Expenses	987.72	3,500.00	2,512.28	71.78 %
MWEA D, E, and I Expenses		500.00	500.00	100.00 %
MWEA Education/SJWP Expenses	1,000.00	1,000.00	0.00	0.00 %
MWEA Fall Tech Expenses	8,969.82	8,000.00	-969.82	-12.12 %
MWEA Government Affairs Expenses	1,864.21	2,000.00	135.79	6.79 %
MWEA Industrial Wastewater Expenses	29.99	200.00	170.01	85.01 %
MWEA Lab Practices Committee Expenses	410.02	500.00	89.98	18.00 %
MWEA Public Relations Committee Expenses		50.00	50.00	100.00 %
MWEA Scholarship Expenses	4,500.00	4,500.00	0.00	0.00 %
MWEA Small Flows Expenses		1,200.00	1,200.00	100.00 %
MWEA SSSSS Expenses		250.00	250.00	100.00 %
MWEA Stormwater & Watershed Committee Expenses	120.00	1,000.00	880.00	88.00 %
MWEA Student Activities Expenses		2,000.00	2,000.00	100.00 %
MWEA Virtual Training Expenses		50.00	50.00	100.00 %

Missouri Water Environment Association

Budget vs. Actuals: Fiscal Year 2022 - FY22

January - December 2022

	TOTAL			
	ACTUAL	BUDGET	REMAINING	% REMAINING
MWEA Water For People Committee Expenses	1,328.97	1,500.00	171.03	11.40 %
MWEA Website Expenses	1,375.00	1,375.00	0.00	0.00 %
MWEA Young Professionals Committee Expenses	566.20	2,000.00	1,433.80	71.69 %
Young Professionals Summit	1,494.36	3,400.00	1,905.64	56.05 %
Total MWEA Young Professionals Committee Expenses	2,060.56	5,400.00	3,339.44	61.84 %
Total Expenditures	\$74,749.08	\$92,905.00	\$18,155.92	19.54 %



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2022-2023 MWEA OFFICERS

President

Amanda Johnson
Black & Veatch
8400 Ward Parkway
Kansas City, MO 64114
913-458-3553

President – Elect

Todd Fulton
City of Cape Girardeau
2007 Southern Expy.
Cape Girardeau, MO
63703
573-339-6641

Vice President

Allison Mannion
Lochmueller Group
7306 Dorset Ave
Saint Louis, MO 63130
636-489-9852

Secretary

Eric Farrow
HDR
10450 Holmes Road,
Ste 600
Kansas City, MO 64131
816-347-1105

Treasurer

Samantha Weidenbenner
Woodard & Curran
5587 Westerfield Pwky.
Weldon Spring, MO
63304
636-233-8062

PWOD

Clara Haenchen
City of Jefferson
401 Mokane Rd
Jefferson City, MO 65101
573-634-6502

Delegate

Cliff Cate
Burns & McDonnell
9400 Ward Parkway
Kansas City, MO 64114
816-823-7128

Delegate

Diane Grossenheider
Black & Veatch
16305 Swingley Ridge
Road, Ste 230
Chesterfield, MO 63017
636-536-5878

Stormwater & Watershed Committee – Quarterly Report

The Stormwater and Watershed Management committee had a member interest meeting on January 19th, with 16 participants. The meeting was focused on the Stormwater Summit, covered by Andy Sauer, membership retention, and what potential members would like to receive from being a part of the committee.

Our goals for the year are to have quarterly meetings and increase membership to the committee.

The next meeting is scheduled for April 19th at 2pm, via Microsoft Teams.

Planning to schedule in-person meeting in conjunction with the KC Stormwater summit that is being hosted on June 27th-29th.



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03-13-23

President

Amanda Johnson
Black & Veatch
8400 Ward Parkway
Kansas City, MO 64114
913-458-3553

President – Elect

Todd Fulton
City of Cape Girardeau
2007 Southern Expy.
Cape Girardeau, MO
63703
573-339-6641

Vice President

Allison Mannion
Lochmueller Group
7306 Dorset Ave
Saint Louis, MO 63130
636-489-9852

Secretary

Eric Farrow
HDR
10450 Holmes Road,
Ste 600
Kansas City, MO 64131
816-347-1105

Treasurer

Samantha Weidenbenner
Woodard & Curran
5587 Westerfield Pwky.
Weldon Spring, MO
63304
636-233-8062

PWOD

Clara Haenchen
City of Jefferson
401 Mokane Rd
Jefferson City, MO 65101
573-634-6502

Delegate

Cliff Cate
Burns & McDonnell
9400 Ward Parkway
Kansas City, MO 64114
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16305 Swingley Ridge
Road, Ste 230
Chesterfield, MO 63017
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The Small Flows Committee is in the process of determine our best approach in serving the smaller communities throughout the state. We are in the process of developing a survey to send out to members to see where there are needs within their Cities or for their Clients. In the past year, we have had limited opportunities to develop training programs and it appears there are sufficient on-line programs that many are using. Our goal in 2023 is to determine whether this committee is still viable or if there are other needs that need to be filled where we can assist.



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Biosolids Committee Report

President

Amanda Johnson
Black & Veatch
8400 Ward Parkway
Kansas City, MO 64114
913-458-3553

President – Elect

Todd Fulton
City of Cape Girardeau
2007 Southern Expy.
Cape Girardeau, MO
63703
573-339-6641

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Allison Mannion
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7306 Dorset Ave
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10450 Holmes Road,
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Woodard & Curran
5587 Westerfield Pwky.
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636-233-8062

PWOD

Clara Haenchen
City of Jefferson
401 Mokane Rd
Jefferson City, MO 65101
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9400 Ward Parkway
Kansas City, MO 64114
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I. Biosolids Kickoff Meeting at JAM

- i. When: Sunday 3:00-4:30pm
- ii. Room – Windward 72/73
- iii. Agenda:
- iv. Presentation of 2023 awards at the Monday Awards Luncheon
 1. Try to get a larger pool of solicitations for next year.
- v. Meeting schedule for 2023
- vi. Update Email List for Biosolids Committee Members
- vii. Go Over Topics for Biosolids Workshop
- viii. Web Resources on Microsoft Teams Sharepoint
- ix. Establish Initiatives for 2023
- x. Assist in National WEF Biosolids Initiatives and Share content with MWEA members.
 1. Find 2-3 people to join National Committee

II. Potential Speaker Topics for Biosolids Workshop

- i. PFAS in Biosolids and Future Outlook for Utilities
- ii. Different Dewatering Technologies / Novel Biosolids Processing Technologies
- iii. Renewable Natural Gas and IRA Funding Opportunities
- iv. Co-Digestion with HSOW/FOG

III. Format of Biosolids Workshop

- i. Virtual or In-person
- ii. Tentative Date – Summer
- iii. Duration – 2 hours

IV. Last Year Goals Collectively from the Committee members, and see:

- i. Education and Outreach
- ii. Identify reuse applications for biosolids.
- iii. The future of PFAS in biosolids



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2022-2023 MWEA OFFICERS

Collection System Committee Verlon W Persinger, Chair 2022-24

President
Amanda Johnson
Black & Veatch
8400 Ward Parkway
Kansas City, MO 64114
913-458-3553

President – Elect
Todd Fulton
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Re: Quarterly Report
March 21, 2023

On March 2, 2023, the members of the Collection System Committee lost an active member and stout supporter of the Committee. Dan Scherer passed from this life leaving a void that will be a struggle to fill. Dan was a great friend, long time MWEA member, past MWEA President, Collection System Chair among many other accolades. Dan's presence will always be missed.

The Collection System Committee has held two (2) meeting since the last report. The December 14, 2022, and February 1, 2023, meetings were held at the Wastewater Treatment facility in Columbia, MO. Attendance was 13 members at each meeting, either in-person or by virtual option.

During the past year, the Collection System Committee certified 52 operators out of the 59 that attempted to gain certification. The last administration of the Collection System Certification was held on March 21, 2023, in Winfield, MO and the next opportunity to test will be March 26, at the JAM Conference. A third opportunity will be offered in April for the Kansas City area.

The Collection System Committee will be volunteering to assist as needed with the WEF Collection System Conference being held in the Kansas City the last week of June 2023 as well as continuing to offer our Outreach Programs throughout the State of Missouri.

The next meeting of the CSC will be 4:00 pm on March 26, 2023, at the JAM Conference. The Committee currently meets every other month during the year.



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**2022-2023
MWEA
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Laboratory Practices Committee Report to Executive Committee

March 25, 2023

President

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Black & Veatch
8400 Ward Parkway
Kansas City, MO 64114
913-458-3553

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Delegate

Cliff Cate
Burns & McDonnell
9400 Ward Parkway
Kansas City, MO 64114
816-823-7128

Delegate

Diane Grossenheider
Black & Veatch
16305 Swingley Ridge
Road, Ste 230
Chesterfield, MO 63017
636-536-5878

Not much to report except we are having our quarterly meeting after the board meeting today. We will discuss our Fall workshop & decide if we want to do 2 like last fall or go back to one.

We finally made a decision about WPI (test for LPC). We are only going to do the paper version for right now to see how things go. We are waiting on the contract to be mailed to us so I can pass it on to the Executive members. The cost for 0-30 people certified will be \$300/year and 31-300 is \$600/year. We will get an exact cost once the contract arrives.

Each test will be \$46 for 2023 & \$50 for 2024 & 2025 which will go WPI. Only fees we collect are the recertification fees which Natalie handles unless we want to charge more for the test than what WPI charges us. Currently the testing fee is \$25 along with the renewal fee.

Please see attached proposal.

Respectfully submitted by:

Rodney Spires, LPC Chair
3/20/23



Testing Proposal
for the
Missouri Water Environment Association

January 24, 2023

9400 Plum Drive, Suite 160 - Urbandale, IA 50322
P: (515) 232-3623 www.gowpi.org

CONFIDENTIAL – The following proposal is prepared exclusively for the Missouri Water Environment Association by Water Professionals International. All information related to proposed services and fees shall not be disclosed to parties outside of the Missouri Water Environment Association, in whole or in part.

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Testing Services

WPI Certification Program Members have access to our ABC Testing Service and examinations. Approximately 80 certification programs currently utilize our examinations to test more than 34,000 candidates annually. Our diverse testing clients represent nearly 40 states, 10 Canadian provinces and territories, as well as several international and tribal programs. Through our Testing Service, WPI has become a leader in providing our members the expertise they need in the areas of environmental workforce certification and examination-related services. Our reputation for professionalism and customer service makes us uniquely qualified to deliver exams and service to our clients around the world.



*An important component of certification, the **examination** is utilized to establish competency by measuring knowledge, skills, and abilities required of job practitioners.*

Test Administration & Scoring Services

WPI offers two options for test administration and scoring in addition to the Computer-Based Testing:

- Web-Based Testing
- Paper-Based Testing

Your program may utilize either or both of these administration methods in combination with Computer-Based Testing through WPI's partner, PSI. A comprehensive description of each of the two administration methods and the potential benefits for your program are outlined below.



are

Web-Based Testing

As part of our comprehensive ABC Testing service, WPI offers a web-based exam delivery option to reduce administrative time and costs and to maximize candidate convenience. MOWEA may elect to utilize web-based testing at any point either as a supplement to paper or computer-based testing or as a primary administration method. The transition to web-based testing requires as little as one month to complete.

WPI's web-based exams are proctored by clients' designees and delivered over the Internet. This form of electronic testing allows clients to leverage local resources such as field offices or partnerships with community colleges to provide convenient testing for candidates while reducing costs and time associated with shipping and administering paper exams. Electronic tests provide the candidate and program with immediate scores, further reducing administrative time and expenses associated with processing and notifying candidates of their results.



Required Infrastructure

Clients utilizing web-based testing (WBT) option should have access to computers with reliable Internet connections. Web-based tests are taken through an Internet browser. Exam computers should have an updated version of Microsoft Internet Explorer and cookies enabled; other browsers may work without problems, but are not supported by the testing software.

Scheduling

MOWEA will schedule examination dates and locations with the candidates and provide WPI with an electronic file of candidates who are scheduled to test. WPI merges the candidate's identification information with the candidate's test form so that the web-based exam will be available only at the appropriate time. Applicants may be tested within two to three weeks after WPI receives the electronic file. The web-based exam is only available on the day that a candidate is scheduled to test.

Security

Measures are taken to ensure security and reliability of WBT exams. Our web-based exams are password-protected, and both the proctor and examinee are required to enter their designated passwords and IDs for exam access. Each candidate response is saved as the examinee moves from one item to the next. In the event of an Internet or local computer problem, the examinee is assured that responses entered are saved. Item numbers and options are scrambled in order to prevent cheating by looking at another's work.

Test Day

Candidates should only bring photo identification, a non-programmable, non-graphical calculator that has no text storage capability, two sharpened soft-lead (#2 or HB) pencils and an eraser to the examination site. Exam proctors will hand out the *Web-Based Examination Instructions* and *Formula/Conversion Table* to each examinee. To begin the examination, the examinee or proctor should navigate to the web address

provided by WPI. Both the candidate and proctor will be required to enter their unique IDs and passwords in order to log on to the test.

Interface

Web-based tests are completed online through a simple interface. Candidates record their response by typing a keystroke or clicking a mouse, and have the capability of paging through the test one item at a time. The system allows candidates to return to items and change their response, if desired. If

a candidate does not answer all items, the software will automatically return to the unanswered items with the click of a button.

The web-based exam software will terminate the exam when the exam time limit (typically three hours) is reached. The software will give examinees a 20-minute warning before the time expires and the computer will automatically terminate the test at the end of the prescribed time. No additional time will be given to examinees to complete the exam. A clock showing the testing time remaining is available at all times.

The screenshot below provides a summary of the functions of the testing software available to candidates during web-based testing.

The screenshot shows a test question: "What is the minimum age for a non-provisional license in California?" with four options: A. 16, B. 18, C. 21, and D. None of the above. The interface includes a navigation bar with buttons for "Cover", "Help", "Grade", "Time", and navigation arrows. A dropdown menu shows "1" and a "v" icon. The response "B" is entered in a text box.

Callouts explain the following functions:

- Click or type to indicate your RESPONSE.** Points to the selected option B.
- Some tests will let you provide your COMMENTS on the item.** Points to the "Grade" button.
- Click to MARK the item for returning later on.** Points to the "Time" button.
- Click to go to the previous, a specific, or the next item.** Points to the navigation arrows.
- When you are finished entering your responses, click COVER to EXIT the test.** Points to the "Cover" button.
- Some tests will let you GRADE an item individually upon response, other tests will not.** Points to the "Grade" button.
- Click to display the TIME left on a timed-test, or the current time on an untimed-test.** Points to the "Time" button.
- Click here to go to the next UNANSWERED item, or an item you have MARKED.** Points to the right navigation arrow.

Scoring and Reporting

Candidates will immediately obtain their score report, and MOWEA and each candidate will receive email notification of exam results at the conclusion of the exam session. This score report will indicate whether the candidate has passed or failed the examination, as well as provide diagnostic information about performance on specific examination content areas.

Objective	Score	%	0.....100
Area 1 - Treatment <i>Treatment Process</i>	23 of 31	74.19	
Area 2 - Lab <i>Laboratory Analysis</i>	9 of 14	64.29	
Area 3 - Equipment O&M <i>Equipment Operation and Maintenance</i>	19 of 24	79.17	
Area 4 - Source Water <i>Source Water Characteristics</i>	8 of 11	72.73	
Area 5 - Safety, Admin, Etc. <i>Security, Safety, Compliance, and Administrative Procedures</i>	15 of 20	75.00	

Each candidate's Individual Mastery Report will be emailed to the email addresses provided to WPI immediately following the conclusion of the exam.

Benefits of Web-Based Testing

Web-based testing offers time and cost savings as well as quick exam results for your program and candidates.

Instant Scores – Web-based exams are scored immediately upon each candidate's conclusion of the exam. A score report detailing the candidate's score and diagnostic feedback on his or her strengths and weaknesses is emailed to both the candidate and the certification program upon completion of the exam.



Save on Shipping – Electronic exams eliminate the need to ship test books, answer sheets, and score reports between WPI, test sites, and your program.

Enhance Exam Security – Web-based exams are password-protected; both the proctor and the candidate must enter their IDs and passwords in order to access the exam, which is only available on the scheduled day.

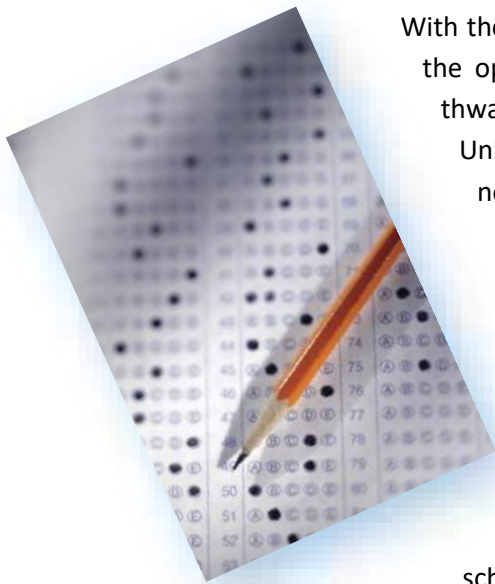
Prevent Cheating – Electronic tests scramble the numbering of items within each test form and the options within an individual item, preventing test takers from copying another's work.

Paper Based Testing

The Paper-Based Testing Package includes traditional paper-based tests completed on scannable answer sheets and prompt scoring of the completed exams. With this option, MOWEA would be responsible for arranging exam sessions, qualifying applicants, administering the exams, and returning the testing materials to WPI.

Secure Service

Our WPI Testing service provides a secure testing solution. Test books are encapsulated with their related examinee materials to protect against tampering and are shipped only by traceable methods to ensure that all test books and materials can be located at any time; electronic score reports are made available to your program through a password-protected PDF to protect the confidential information they contain. Your testing materials will only be provided to your program's authorized contacts.



With the ability to administer up to 10 versions of a single exam in which the options for each test question are scrambled, your program can thwart the most basic form of cheating—looking at another's work. Unless required by state law, WPI exams and scored answer sheets are not open to public inspection or subsequent review by the candidate. Limiting the exposure of test items ensures that WPI certification exams remain secure and reliable.

Easy Test Administration

WPI provides all the materials needed for proctors to administer the certification exams. Certifying entities should provide WPI with written notice of the required number of test books at least 20 working days prior to the scheduled date of the exam. Approximately 10 days before each test session, your program will receive the following testing materials:

Test Administrator Manual to guide proctors from preliminary planning stages through conclusion of the exam session.

Exam Administrator Report to record important exam administration details including the name, identification number, and test series for each examinee to ensure accurate scoring and to ease reconciliation of testing materials.

Examinee Test Packages contain a single examinee's test book, formula/conversion sheet (if applicable), answer sheet, and examination instructions. For easy proctor distribution and increased exam security, each examinee's testing materials are encapsulated into a single test package.

Comprehensive Score Reporting

Upon receipt of the completed exams, WPI will score the answer sheets and provide the results to your program. Providing fast, accurate results is a top priority for WPI. Certifying entities can expect exam results delivered electronically within four weeks of WPI's receipt of examinee answer sheets. WPI utilizes scannable answer sheets and is able to keep scoring time and costs low by employing optical mark readers to read and score completed answer sheets. Data read by the scanners is loaded into score files. The software alerts the user to any missing answers or unreadable answers so that WPI's Scoring Team may review the affected answer sheet and make any necessary manual adjustments to the score file.

During the scoring process, WPI's Scoring Team also reviews each answer sheet to ensure that the Student ID and Student Name fields have been read and recorded properly and inspects the entire answer sheet for irregularities that may produce inaccurate machine-scoring results. If such an irregularity is detected, manual adjustments are made to the score file to ensure accurate results.

WPI's paper-based testing package includes four score reports to provide your program with the information needed to track and evaluate candidate performance as well as to provide feedback to individual candidates and improve training programs.

Group Detail— The Group Detail Report lists each candidate with his or her ID number, raw and percent scores, and pass or fail indicator. For each candidate, the report also displays up to eight codes captured from the candidate's answer sheet. While some codes are reserved for WPI use, your program may utilize the other codes to track additional information about your candidates and enable comparison of data based on the captured variables.

GROUP DETAIL REPORT													
Performance scores												Test form: 0	
for Sample Test from Sample Scores													
Second term													
ID	Student Name	Type	V	Points	% Grade[?]	C1	C2	C3	C4	C5	C6	C7	C8
1666	Everson, C.		0	22.00	38.60 F	M	EJ	11	CJUD16	1	ST		
4010	Jackson, N.		5	33.00	57.89 F	[]	F	EH	11	CJUD17	4	ST	
3207	Garcia, M.		9	35.00	61.40 F	[]	F	CN	11	ALSD7	1	RM	
3011	Martinez, O.		0	36.00	63.16 F	[]	M	CN	11	ALSD8	2	ST	
3527	Kadota, H.		8	43.00	75.44 P		M	CN	12	ALSD8	3	RM	
4011	Williamson, S.		9	44.00	77.19 P	[]	M	EH	9	CJUD16	1	ST	
2069	Smith, P.		1	44.00	77.19 P	[]	M	FB	11	ALSD8	4	CP	
2047	Lowell, S.		0	44.00	77.19 P		F	FB	12	ALSD9	4	RM	
1743	Everson, V.		0	44.00	77.19 P	[]	M	EJ	12	CJUD18	2	CP	
4001	James, R.		2	46.00	80.70 P	[]	M	EH	10	CJUD16	3	CP	
4004	Mitchell, M.		3	47.00	82.46 P	[]	M	EH	9	CJUD14	1	ST	
4069	Armstrong, J.		7	48.00	84.21 P	[]	M	EH	10	CJUD16	2	CP	

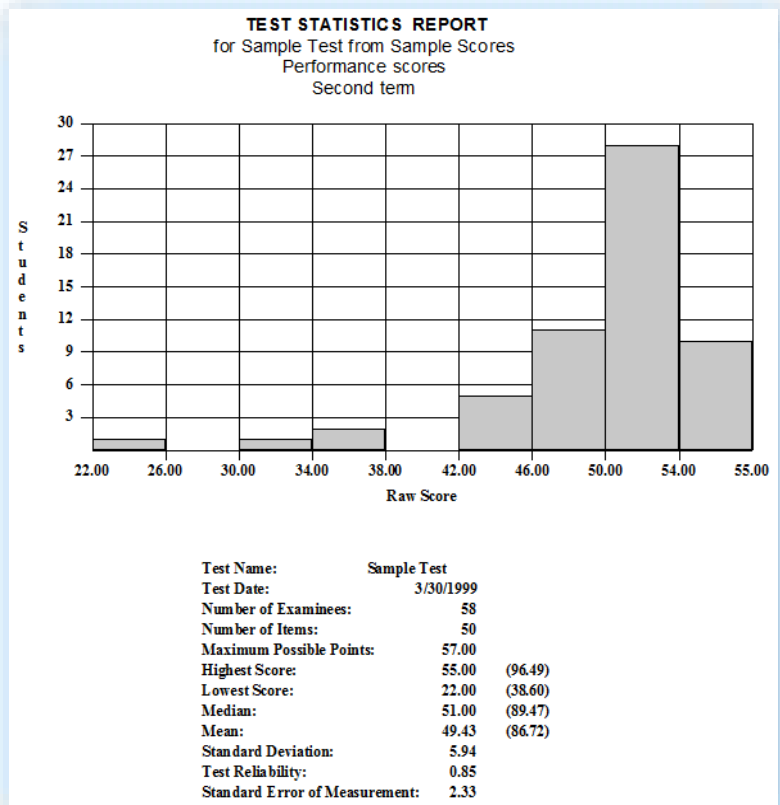
Individual Mastery— An Individual Mastery Report detailing an examinee's score and his or her strengths and weaknesses is provided for each scored examinee. The report may be distributed to failing examinees to guide future exam preparation.

INDIVIDUAL MASTERY REPORT						
for Everson, C. 1666						
Test: Sample Test						
Grade: F						
Score: 38.60% (22.00 of 57.00)						
Objective	Mastery	Score	%	0	100	
FLAGS	⊖	8.00 of 10.00	80.00			
LANGUAGE ARTS	⊖	4.00 of 10.00	40.00			
LXR*TEST	⊖	7.00 of 14.00	50.00			
MATH	⊖	3.00 of 10.00	30.00			
PHYSICS	⊖	0.00 of 13.00	0.00			

Mastery Summary – A Mastery Summary Report summarizing candidate performance on an exam for a single test session may be utilized to spot trends in candidate strengths and weaknesses in various objective areas or to evaluate and strengthen program policies and practices such as entrance requirements or candidate training.

MASTERY SUMMARY REPORT										
for Sample Test from Sample Scores										
Performance scores										
Second term										
#M	Number Mastering	% M	% Mastering	PTS	Possible Points					
#PM	Number Partial Mastering	% PM	% Partial Mastering	HIGH	Highest Points					
#NM	Number Not Mastering	% NM	% Not Mastering	LOW	Lowest Points					
				AVG	Average Points					
Objective	# M	# PM	# NM	% M	% PM	% NM	PTS	HIGH	LOW	AVG
FLAGS	48	5	5	82.76	8.62	8.62	10.00	10.00	4.00	9.31
LANGUAGE ARTS	42	10	6	72.41	17.24	10.34	10.00	10.00	4.00	9.00
LXR*TEST	9	42	7	15.52	72.41	12.07	14.00	13.00	7.00	11.41
MATH	43	12	3	74.14	20.69	5.17	10.00	10.00	3.00	8.98
PHYSICS	35	13	10	60.34	22.41	17.24	13.00	13.00	0.00	10.72

Test Statistics – The Test Statistics Report provides a visual of the distribution of candidate exam performance on an exam for a single test session and summarizes the number of examinees; the high low, median, and mean scores for the exam session; as well as the standard deviation, reliability, and standard error of the results.



Hand Scoring - Hand scoring of paper-based exams is available upon request. WPI advises, however, that no hand score has ever overturned the score calculated by the combination of WPI's machine scoring and quality control processes.

Additional Testing Services

WPI is dedicated to helping our Member programs maximize their time and resources. Cumulative reports, data exports, and custom services may assist your program in quickly assessing applicant strengths and weakness as well as reducing data entry and application processing time.

Cumulative Reports compile performance data for a single exam administered multiple times over a specified time period. Cumulative mastery summaries, summarizing candidate performance for each core competency tested, are the most popular cumulative reports.

MASTERY SUMMARY REPORT										
for Sample Test from Sample Scores										
Performance scores										
Second term										
# M	Number Mastering	% M	% Mastering	PTS	Possible Points					
# PM	Number Partial Mastering	% PM	% Partial Mastering	HIGH	Highest Points					
# NM	Number Not Mastering	% NM	% Not Mastering	LOW	Lowest Points					
				AVG	Average Points					
Objective	# M	# PM	# NM	% M	% PM	% NM	PTS	HIGH	LOW	AVG
FLAGS	48	5	5	82.76	8.62	8.62	10.00	10.00	4.00	9.31
LANGUAGE ARTS	42	10	6	72.41	17.24	10.34	10.00	10.00	4.00	9.00
LXR*TEST	9	42	7	15.52	72.41	12.07	14.00	13.00	7.00	11.41
MATH	43	12	3	74.14	20.69	5.17	10.00	10.00	3.00	8.98
PHYSICS	35	13	10	60.34	22.41	17.24	13.00	13.00	0.00	10.72

Data Exports containing score information included in the group detail report (candidates' IDs, names, test versions, raw scores, percent scores, pass-fail indicators, and codes 1-8 captured from the answer sheet) can be generated each time an exam is scored. Data exports are available as tab-delimited text or Excel files.

Customized Services such as candidate application review and qualification can be developed to serve your individual program's needs. WPI is experienced in all aspects of certification program development and administration – let our team know where they may be able to assist your program.

Cost Proposal

In a time where budgets are tight, government funding is limited, and the future months are uncertain, there has never been a greater need to increase efficiency and preserve resources while working to protect public health and the environment through certification. WPI has several cost and time effective solutions to assist your program in strengthening certification. WPI is pleased to present the following cost proposal to Missouri Water Environment Agency:

Web-Based Testing	2023	2024-2025
Web-Based Test and Scoring Includes web-based test set-up for one candidate. Scoring and Basic reporting will be provided at no additional cost for completed exams.	\$47.00 per Scheduled Exam	\$51.00 per Scheduled Exam
Late Fee for Web-Based Test Registration Orders received later than 12 p.m. Central Time 3 business days prior to the scheduled date of the exam shall be subject to the Late Fee for Web-Based Test Registration	\$50.00 per Electronic File of Examinees per Exam	\$50.00 per Electronic File of Examinees per Exam

Paper-Based Testing	2023	2024-2025
Paper-Based Test & Scoring Includes paper-based test book package and related testing materials. Basic reporting and scoring are available at no additional cost.	\$46.00 per Test Book Package	\$50.00 per Test Book Package
Unreturned Test Book All test books and testing materials remain the property of WPI. All test books not returned to WPI within 9 months of order are subject to the Unreturned Test Book fee.	\$50.00 per Unreturned Test Book	\$50.00 per Unreturned Test Book

Computer-Based Testing	2023	2024-2025
2-Hour Computer-Based Exam Includes WPI exam cost and PSI exam administration fee for 2-hour exams scheduled.	\$87.00 per Exam Scheduled	\$89.00 per Exam Scheduled
3-Hour Computer-Based Exam Includes WPI exam cost and PSI exam administration fee for 3-hour exams scheduled.	\$104.00 per Exam Scheduled	\$106.00 per Exam Scheduled
4-Hour Computer-Based Exam Includes WPI exam cost and PSI exam administration fee for 4-hour exams scheduled.	\$124.00 per Exam Scheduled	\$126.00 per Exam Scheduled
Duplicate Score Report Provided by PSI upon request by a candidate.	\$25.00 per Report	\$25.00 per Report

Shipping	2023-2025
Standard Shipping Standard shipping for each 100-lb or lighter UPS ground or FedEx 2Day package shipped.	\$25.00 per Package Shipped
Express Shipping Express shipping for each 100-lb or lighter package shipped express.	At cost per Package Shipped

Our Team: Ready to talk with you

Our team of professionals is available to discuss your program's individual needs. To learn more about how your program can benefit from utilizing WPI's certification exams, contact Kelly McCord, Senior Program Manager, at kmccord@gowpi.org or (515) 232-3623.

CERTIFICATION PROGRAM MEMBERSHIP

WPI is your program’s connection to the certification world, voice for international certification issues, and resource to build lifelong, professional relationships. Our membership makes up a diverse group of programs which fall under three categories:

REGULATORY

Governmental agencies, or their designees, that have jurisdiction to administer environmental certification or licensing programs and meet the criteria established by the Association are granted Regulatory Membership. Regulatory program class membership holds the right to nominate, vote and hold office.

VOLUNTARY

Organizations without governmental jurisdiction to administer environmental certification or licensing programs are granted Voluntary Membership with approval from the Association. Eligibility is limited to voluntary environmental certification and licensing programs that:

- 1. Administer** a certification and/or certification exams.
- 2. Qualify** as a WPI/ABC Testing Service Client.

Voluntary program class membership can nominate for any position, hold the office of At-Large Division Director, and vote for Officers and At-Large Division Director.

PROVISIONAL

At WPI, we work not only to support existing certification programs, but also provide resources for programs needing assistance implementing a certification program through provisional membership. While provisional members cannot vote, nominate, hold office, or have representation on the Board of Directors, they are able to access the wealth of resources found at WPI to make the most of their membership. When these members develop their programs to meet our complete membership criteria and are approved by the Board of Directors, Regulatory or Voluntary Member status may be granted. Provisional membership annual dues are \$300 USD.

Membership Benefits

WPI TESTING SERVICE

Nationally validated exams to support environmental certification programs are part of our Testing Service. Committees offer technical support to WPI and its members by carrying out our extensive validation process and serving as an appeals board for challenged questions.

THE CERTIFIER

The Certifier is WPI’s source for industry news. We provide educational & inspiring stories about professional operators, water industry experts, volunteerism, and other water and wastewater treatment related topics. The Certifier provides up-to-date information and news about the water industry and how our members and operators are making a difference every day.

NETWORKING

Connect with our membership of professionals from almost 50 states, 10 Canadian Provinces & Territories, and several international programs.

ONLINE CERTIFICATION PROGRAM DATABASE

This resource is at your fingertips in the member’s area at gowpi.org. Compare more than 130 programs around the globe by state/ province/territory, certification category. If you’re a certification contact, you’ll be provided with a password to update your program’s information.

ANNUAL CONFERENCE

Program membership includes discounts to WPI’s Annual Conference, ‘Innovation in Certification.’ liC is your opportunity to network with fellow industry professionals from across the globe.

Applying for certification program membership

To have your application for certification program membership considered by the WPI Board of Directors:

- Complete the application form on the reverse side of this page.
- Submit application form to the WPI office along with documentation supporting your certification program’s status, jurisdiction, and structure of the program, as listed on reverse.

DUES SCHEDULE	Persons Certified	Membership Dues (USD)
Annual membership dues for Regulatory and Voluntary membership are calculated according to the number of persons certified. Each person certified should be counted only once, regardless of the number of certificates held.	0-30	\$300
	31-300	\$600
	301-500	\$900
	501-1,000	\$1,200
	1,001-2,000	\$1,500
	2,001 +	\$1,800



The Associated Boards of Certification

APPLICATION FOR CERTIFICATION PROGRAM MEMBERSHIP

Superior Water Starts Here™

Date: _____

Name of Contact Person: _____

Contact Person Title: _____

Name of Certifying Authority: _____

Mailing Address: _____

City: _____

Province/State: _____

Postal/Zip Code: _____

Telephone: _____

Ext.: _____

Email: _____

SUPPORTING DOCUMENTATION ENCLOSED WITH THIS APPLICATION:

- Authorizing Legislation or jurisdictional documentation
- Certification Program Standards
- Administrative Guidelines
- Governance Structure
- (List any additional) _____

TYPE OF MEMBERSHIP

- Regulatory Program
- Voluntary Program
- Provisional Program

WHAT CERTIFICATION CLASSIFICATIONS DOES YOUR PROGRAM ADMINISTER? (Check all that apply)

- Water Treatment (WT)
- Distribution (Dist)
- Very Small Water System (VSWS)
- Water Laboratory Analyst (WLA)
- Cross-Connection Control (CCC)
- Backflow Prevention Assembly Tester (BPAT)
- Wastewater Treatment (WWT)
- Collection (Coll)
- Small Wastewater system (SWWS)
- Wastewater Lab Analyst (WWLA)
- Biological Industrial Wastewater (BIW)
- Other _____
- Physical/Chemical Industrial Waste (PCIW)
- Solid Waste (SolW)
- Biosolids Land Application (BLA)
- Inspectors (Insp)
- Maintenance (Main)

To help us continue improving membership benefits and better serve our members, please complete the following:

HOW DID YOUR ORGANIZATION HEAR ABOUT WPI?

- WPI Website
- WPI Annual Conference
- WPI Member
- WPI Staff
- Industry Contact
- Other _____

MEMBERSHIP BENEFITS

Select the membership benefits your organization is interested in. Check all that apply.

- WPI Testing Service
- The Certifier*
- Networking
- Online Certification Database
- Industry Representation
- Conference Discounts
- Other _____

Submit application form and dues payment to:
 Water Professionals International • 9400 Plum Dr., Suite 160 • Urbandale, IA 50322
Phone: (515) 232-3623 **Email:** wpi@gowpi.org



SM

MISSOURI WATER ENVIRONMENT ASSOCIATION

Member of the
Water Environment Federation

2022-2023 MWEA OFFICERS

President

Amanda Johnson
Black & Veatch
8400 Ward Parkway
Kansas City, MO 64114
913-458-3553

President – Elect

Todd Fulton
City of Cape Girardeau
2007 Southern Expy.
Cape Girardeau, MO
63703
573-339-6641

Vice President

Allison Mannion
Lochmueller Group
7306 Dorset Ave
Saint Louis, MO 63130
636-489-9852

Secretary

Eric Farrow
HDR
10450 Holmes Road,
Ste 600
Kansas City, MO 64131
816-347-1105

Treasurer

Samantha Weidenbenner
Woodard & Curran
5587 Westerfield Pwky.
Weldon Spring, MO
63304
636-233-8062

PWOD

Clara Haenchen
City of Jefferson
401 Mokane Rd
Jefferson City, MO 65101
573-634-6502

Delegate

Cliff Cate
Burns & McDonnell
9400 Ward Parkway
Kansas City, MO 64114
816-823-7128

Delegate

Diane Grossenheider
Black & Veatch
16305 Swingley Ridge
Road, Ste 230
Chesterfield, MO 63017
636-536-5878

March 23, 2023

Plant Manger's Committee March Report – 2023 – Gary Davis

What we accomplished since November:

- Sent email out to all operators with WEF scholarship opportunity.
- Sent email out to all operators for WEF Quarter Century Operator Club application.
- Decided to tour the Saline Creek Regional Wastewater Treatment Facility (Northeast Public Sewer District) – Fenton, Mo.
 - 5.25 MGD design flow
 - 2.5 MGD actual flow

I will be meeting with the full committee for a meeting in April. It will be a big effort, but I'm finding that the plant managers email list/directory needs to have a major update.

Regards,

Gary Davis
Chair – Plant Manager's Committee



SM

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President
Amanda Johnson
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8400 Ward Parkway
Kansas City, MO 64114
913-458-3553

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City of Cape Girardeau
2007 Southern Expy.
Cape Girardeau, MO
63703
573-339-6641

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7306 Dorset Ave
Saint Louis, MO 63130
636-489-9852

Secretary
Eric Farrow
HDR
10450 Holmes Road,
Ste 600
Kansas City, MO 64131
816-347-1105

Treasurer
Samantha Weidenbenner
Woodard & Curran
5587 Westerfield Pwky.
Weldon Spring, MO
63304
636-233-8062

PWOD
Clara Haenchen
City of Jefferson
401 Mokane Rd
Jefferson City, MO 65101
573-634-6502

Delegate
Cliff Cate
Burns & McDonnell
9400 Ward Parkway
Kansas City, MO 64114
816-823-7128

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Black & Veatch
16305 Swingley Ridge
Road, Ste 230
Chesterfield, MO 63017
636-536-5878

INDUSTRIAL WASTE COMMITTEE REPORT MARCH 2023 BY MARK PEARSON – CHAIR

The IW committee met and had virtual and in-person attendance earlier this year. We discussed ways to support MDNR on their pretreatment coordinator wet resources page.

AWARDS: It was decided by consensus to print all the awards and have the respective pretreatment coordinator deliver them to the industry either in a mass meeting to discuss pretreatment policy or by hand at a facility inspection event.

Awards will be handed out at the awards luncheon Monday for all those able to attend. I used an Outlook meeting invite to solicit responses on who will attend. (Thanks Scott Foley for the suggestion).

We have 212 awards this year to send out; a testament to the good work of Pretreatment Coordinators and the industries that remain responsive to the principles of good environmental policy.

Committee Meetings: The IW Committee will have a meeting Sunday at 4:30 pm in the exhibit hall or in a room across from the meeting hall. I have a sign to put on the table or door as needed.

Pretreatment coordinators are emailed a spreadsheet for making nominations for awards. We will work out a system for soliciting safety and water quality awards in the coming year. This is a bit of a learning experience for me and my committee and I am getting good guidance from E.C. West of MDNR and other current and former committee members.

We plan to have several meetings in as many regions as possible this coming year in an effort to have in-face participation.

Goals:

1. Streamline safety and water quality award nomination process
2. Support MDNR for pretreatment coordinator online resources
3. Committee Leadership Transition



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MISSOURI WATER ENVIRONMENT ASSOCIATION

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**2022-2023
MWEA
OFFICERS**

Report from the Safety, Security and Occupational Health (SSOH) Committee

Chris Safford, Chair

March 22, 2023

President
Amanda Johnson
Black & Veatch
8400 Ward Parkway
Kansas City, MO 64114
913-458-3553

President – Elect
Todd Fulton
City of Cape Girardeau
2007 Southern Expy.
Cape Girardeau, MO
63703
573-339-6641

Vice President
Allison Mannion
Lochmueller Group
7306 Dorset Ave
Saint Louis, MO 63130
636-489-9852

Secretary
Eric Farrow
HDR
10450 Holmes Road,
Ste 600
Kansas City, MO 64131
816-347-1105

Treasurer
Samantha Weidenbenner
Woodard & Curran
5587 Westerfield Pwky.
Weldon Spring, MO
63304
636-233-8062

PWOD
Clara Haenchen
City of Jefferson
401 Mokane Rd
Jefferson City, MO 65101
573-634-6502

Delegate
Cliff Cate
Burns & McDonnell
9400 Ward Parkway
Kansas City, MO 64114
816-823-7128

Delegate
Diane Grossenheider
Black & Veatch
16305 Swingley Ridge
Road, Ste 230
Chesterfield, MO 63017
636-536-5878

Membership for the committee is the most important goal. Currently it is still a committee of 1.

2022 Safety Awards:

Burke Safety Award – **GM Wentzville WWTP** (*Only 1 application Submitted*)

Small Collections (10 or less employees) – **Alliance Water Resources – Lincoln County Public Water District #1 Wastewater Treatment Facility** (*Only 2 applications*)

Small Wastewater Treatment Plant (10 or less employees) – **Alliance Water Resources – Lincoln County Public Water District #1 Wastewater Treatment Facility** (*Only 2 applications Submitted*)

Large Collections (11+ Employees) – *No Applications submitted*

Large Wastewater Treatment Plant (11+ Employees) – *No Applications submitted*

The next year's goals include:

- Actively recruiting for additional committee members
- Promote more involvement in the various safety award recognitions including the treatment facilities and the Burke Award.
- Encourage additional safety topics at MWEA outreach functions
- Continue to secure speakers for the Annual Meeting



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Member of the
Water Environment Federation

2022-2023 MWEA OFFICERS

President

Amanda Johnson
Black & Veatch
8400 Ward Parkway
Kansas City, MO 64114
913-458-3553

President – Elect

Todd Fulton
City of Cape Girardeau
2007 Southern Expy.
Cape Girardeau, MO
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573-339-6641

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Allison Mannion
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7306 Dorset Ave
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HDR
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Samantha Weidenbenner
Woodard & Curran
5587 Westerfield Pkwy.
Weldon Spring, MO
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Clara Haenchen
City of Jefferson
401 Mokane Rd
Jefferson City, MO 65101
573-634-6502

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Burns & McDonnell
9400 Ward Parkway
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Road, Ste 230
Chesterfield, MO 63017
636-536-5878

Diversity, Equity and Inclusion Committee Report – March 2023

- Monthly Meetings
 - We continue to meet monthly on Teams as a committee and are always open to people joining our committee
- Joint Annual Conference
 - DEI panel discussion will be moderated by Lacey Hirschvogel and panelists include Charles McAlister, Michelle Carter and Saki Urushidani
 - We are co-hosting the Paint and Sip event Sunday with Mo-AWWA's DEI committee and it sold out all 30 seats! Excited to see how this year goes and hopefully do again next year
 - Co-hosting conference orientation sessions with Mo-AWWA DEI Committee like last year
 - Educational posters at conference about pronouns
 - Will be giving out a DEI Award – received several nominations this year so please keep sending us nominations
 - We are hoping to have a mocktail drink or menu at the conference next year
 - We are hosting a free presentation webinar to encourage people who haven't presented before to present at JAM next year – two options in case the first date/time doesn't work: Tuesday April 25 at noon and Wednesday May 24 at 1pm
- Next Committee Chair and Co-Chair
 - Katie Bruegge will be the next chair for the DE&I Committee and Charles McAlister will be the next co-chair
 - Saki will be an active member of the committee



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Member of the
Water Environment Federation

2022-2023 MWEA OFFICERS

President

Amanda Johnson
Black & Veatch
8400 Ward Parkway
Kansas City, MO 64114
913-458-3553

President – Elect

Todd Fulton
City of Cape Girardeau
2007 Southern Expy.
Cape Girardeau, MO
63703
573-339-6641

Vice President

Allison Mannion
Lochmueller Group
7306 Dorset Ave
Saint Louis, MO 63130
636-489-9852

Secretary

Eric Farrow
HDR
10450 Holmes Road,
Ste 600
Kansas City, MO 64131
816-347-1105

Treasurer

Samantha Weidenbenner
Woodard & Curran
5587 Westerfield Pkwy.
Weldon Spring, MO
63304
636-233-8062

PWOD

Clara Haenchen
City of Jefferson
401 Mokane Rd
Jefferson City, MO 65101
573-634-6502

Delegate

Cliff Cate
Burns & McDonnell
9400 Ward Parkway
Kansas City, MO 64114
816-823-7128

Delegate

Diane Grossenheider
Black & Veatch
16305 Swingley Ridge
Road, Ste 230
Chesterfield, MO 63017
636-536-5878

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Agenda Item Type	Agenda Item Name	Total Registered
Admission Item	Full Conference	549
Admission Item	Group Registration	194
Admission Item	Guest Registration	40
Admission Item	Monday Only	50
Admission Item	Tuesday Only	20
Admission Item	Wednesday Only	2
Quantity Item	Golf	67
Quantity Item	GOLF HOLE SPONSOR	13
Session	MO-AWWA Monday Lunch	161
Session	MWEA Awards Lunch	271
Session	Wednesday MO-AWWA Awards Lunch	124
Session	Wednesday MWEA 5S Breakfast (5S Members Only)	27
Session	Wednesday MWEA Lunch	194



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	2023 guaranteed (after adjustment per Bob)	2022 Meal #'s at registration close	2022 actual meal attendance
Monday Breakfast	357	503	338
Monday AWWA Lunch	145	231	149
Monday MWEA Lunch	371	369	378
Tuesday Breakfast	433	630	420
Tuesday Lunch	606	679	572
Tuesday Dinner	262	419	257
Wednesday MWEA Breakfast	25	20	20
Tuesday YP Breakfast	20	15	12
Wednesday 5S Breakfast	30	86	30
Wednesday MWEA Lunch	106	182	98
Wednesday AWWA Lunch	64	131	59

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2022-2023 MWEA OFFICERS

President

Amanda Johnson
Black & Veatch
8400 Ward Parkway
Kansas City, MO 64114
913-458-3553

President – Elect

Todd Fulton
City of Cape Girardeau
2007 Southern Expy.
Cape Girardeau, MO
63703
573-339-6641

Vice President

Allison Mannion
Lochmueller Group
7306 Dorset Ave
Saint Louis, MO 63130
636-489-9852

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HDR
10450 Holmes Road,
Ste 600
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816-347-1105

Treasurer

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Woodard & Curran
5587 Westerfield Pwky.
Weldon Spring, MO
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City of Jefferson
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Jefferson City, MO 65101
573-634-6502

Delegate

Cliff Cate
Burns & McDonnell
9400 Ward Parkway
Kansas City, MO 64114
816-823-7128

Delegate

Diane Grossenheider
Black & Veatch
16305 Swingley Ridge
Road, Ste 230
Chesterfield, MO 63017
636-536-5878

MWEA Newsletter Report

Content for next Newsletter due to me 4/10. You should receive your summer issue Early June.

- If you have any fun pictures from this week, please send them along. I will have a conference wrap up piece.
- Please remember to send me Committee Reports at least 1 time a year, they can be short.
- Conference Presentations can make great articles

Have a great conference! I miss seeing you all!

Respectfully Submitted,
Jennifer Welsch



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President

Amanda Johnson
Black & Veatch
8400 Ward Parkway
Kansas City, MO 64114
913-458-3553

President – Elect

Todd Fulton
City of Cape Girardeau
2007 Southern Expy.
Cape Girardeau, MO
63703
573-339-6641

Vice President

Allison Mannion
Lochmueller Group
7306 Dorset Ave
Saint Louis, MO 63130
636-489-9852

Secretary

Eric Farrow
HDR
10450 Holmes Road,
Ste 600
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816-347-1105

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Samantha Weidenbenner
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PWOD

Clara Haenchen
City of Jefferson
401 Mokane Rd
Jefferson City, MO 65101
573-634-6502

Delegate

Cliff Cate
Burns & McDonnell
9400 Ward Parkway
Kansas City, MO 64114
816-823-7128

Delegate

Diane Grossenheider
Black & Veatch
16305 Swingley Ridge
Road, Ste 230
Chesterfield, MO 63017
636-536-5878

Registration Report

Joint Annual Meeting

- 924 registered
- 541 full conference attendees
- 102 exhibitors
- 4 awardees

- Cvent was better this year than last year but still worse than easy.
- Will be evaluating other conference planning platforms outside of CVENT shortly after the JAM is over. Looking for people to join this subcommittee.
- Planning MWEA/KWEA Social Event at Collections/SW conference on June 27.
- Reach out to me if you are interested in planning an outreach event.
- Submissions for approval to DNR should be made 60 days ahead of event.
- Searching for Assistant/Mentee for Registration Chair. Let me know if you have any recommendations or suggestions.
- Shout out to Dalton and Mary for being my fearless leaders and mentors during planning for the JAM.

Cheers,

Andrew Schranck
Lochmueller Group
Registration Chair
314-446-5406
ASchranck@lochgroup.com



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MISSOURI WATER ENVIRONMENT ASSOCIATION

Member of the
Water Environment Federation

2022-2023
MWEA
OFFICERS

March 23, 2023

President

Amanda Johnson
Black & Veatch
8400 Ward Parkway
Kansas City, MO 64114
913-458-3553

President – Elect

Todd Fulton
City of Cape Girardeau
2007 Southern Expy.
Cape Girardeau, MO
63703
573-339-6641

Vice President

Allison Mannion
Lochmueller Group
7306 Dorset Ave
Saint Louis, MO 63130
636-489-9852

Secretary

Eric Farrow
HDR
10450 Holmes Road,
Ste 600
Kansas City, MO 64131
816-347-1105

Treasurer

Samantha Weidenbenner
Woodard & Curran
5587 Westerfield Pwky.
Weldon Spring, MO
63304
636-233-8062

PWOD

Clara Haenchen
City of Jefferson
401 Mokane Rd
Jefferson City, MO 65101
573-634-6502

Delegate

Cliff Cate
Burns & McDonnell
9400 Ward Parkway
Kansas City, MO 64114
816-823-7128

Delegate

Diane Grossenheider
Black & Veatch
16305 Swingley Ridge
Road, Ste 230
Chesterfield, MO 63017
636-536-5878

Awards Committee Report

Following is a list of plaques for the upcoming JAM:

- Safety Award – Small Collection and Treatment: *Alliance - Lincoln*
- Biosolids Management Award – Large Facility: *KC Water Blue River WWTP*
- Biosolids Management Award – Small Facility: *Marshall Municipal Utilities*
- Charles Raab Collection Systems Award: *Dan Scherer*
- Past President Award: *Amanda Johnson*
- Governmental Affairs Award: *John Hoke*
- Diversity, Equity & Inclusion: *Kim Cole*
- Outstanding Young Water Environment Professional Award: *Lauren Moore*
- Operator of the Year – Small Facility: *Marvin Fox*
- Operator of the Year – Large Facility: *Justin Henny*
- Plant of the Year – Small Facility: *Rock Creek Public Sewer District*
- Plant of the Year – Large Facility: *Metropolitan St. Louis Sewer District – Lemay WWTF*

Best Regards,
Robert Neath – Awards Committee



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MISSOURI WATER ENVIRONMENT ASSOCIATION

Member of the
Water Environment Federation

2021-2022 MWEA OFFICERS

President
Becca Coyle
St. Louis MSD.
314.436.8749
ricoyle@stlmsd.com

President – Elect
Amanda Johnson
Black & Veatch
913.458.3553
johnsona@bv.com

Vice President
Todd Fulton
City of Cape
Girardeau
573.339.6641
tfulton@cityofcapegirardeau.org

Secretary
Eric Farrow
HDR
816.347.1105
Eric.farrow@hdrinc.com

Treasurer
Samantha Weidenbenner
Woodard & Curran
636.233.8062
sweidenbenner@woodwardcurran.com

PWOD
Clara Haenchen
City of Jefferson
573.634.6502
chaenchen@jeffcitymo.org

Delegate
Cliff Cate
Burns & McDonnell
816.823.7128
ckcate@burnsmed.com

Delegate
Diane Grossenheider
Black & Veatch
636.536.5878
GrossenheiderD@bv.com

Water for People (WFP) Committee Report – March 25, 2023 Meeting

WFP Planned JAM Activities:

1. Golf Outing, Sunday, March 27 starting at 8:30 am with check-in. 10:00 am start.
 - a. Golfers – numbers from Diane
 - b. Hole Sponsors – 15
 - c. Vandevanter doing lunch again.
2. Breakfast Opening Session – Raffle for dueling Cardinals vs. Royals basket. Winner choice. Other basket will be another raffle item. Thanks to Burns & McDonnell.
3. Silent Auction Round 1 on Monday. Closes at 6:00 pm.
4. Silent Auction Round 2 on Tuesday. Closes at 1:00 pm.
5. Tuesday Banquet:
 - a. Oral Auction items
 - i. Cardinals Champion Club – 6 all-inclusive tickets to May 30, 2023 vs. Royals. Thanks to Jacobs.
 - ii. Royals Diamond club tickets – Saturday, July 1, 2023 vs. Dodgers. HDR donated.
 - iii. Mizzou tickets – Kansas State on September 16 or LSU on October 7. Thanks to Tom Decker.
 - iv. Margaritville weekend – 2 nights, five water passes, 4 golf passes. Thank you to Margaritville.
 - v. STL City Soccer Tickets - 4 tickets in the Supporter Section (Standing Room) to the 9/30/23 game vs. Sporting KC. Thanks to Jeff Clarke.
 - b. Raffle Basket items
 - i. Wheelbarrow of booze – thanks to MEC for wagon
 - ii. Lottery ticket tree
 - iii. 65” TV and Sound Bar – thanks to Joel Ogle for sound bar as well as donation for TV purchase.
 - iv. Basket from opening session
6. Speaker gifts – This year, the idea was thrown out there to make donation to WFP on behalf of the speakers. Thank you letter and WFP lapel pin will be given to each speaker. See attached letter.

What do we still need?

- **Bring an item to donate for the silent auctions.** You can bring them to the Water for People booth and give them to Jeff Gratzner or another volunteer at the booth. Then come and check out all the items on Monday and Tuesday during the Annual Meeting and Bid! Bid! Bid!
- **Bring a bottle of your favorite adult beverage for the Wheelbarrow of booze.** You can bring them to the Water for People booth on Sunday or Monday morning, or give it to Jeff Gratzner at the Saturday meeting.
- **We will be having a “Lottery Tree” that will be a raffle item awarded at the Banquet Tuesday,** so bring a scratch off Lottery ticket to donate. Please make sure that it is purchased



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in the State of Missouri. Again, you can bring them to the Water for People booth on Sunday or Monday morning.

- ***Volunteer to work the booth.*** Please come help at the booth during the conference. What does this mean? Sit at the booth for an hour (or two) to keep an eye on silent auction items, sell raffle tickets, and answer questions about the silent auction or raffles. Thank you to those that have signed up. Still few spots available (Monday, 11am to 1 pm), (Monday 3 pm to 5pm), (Monday silent auction close at 6 pm), (Tuesday 7 am to 9 am), (Tuesday 11am to 12:30 pm), (Tuesday auction close at 1 pm).



water for people

EVERYONE • FOREVER



*"Water is a Human Right.
We believe in a world where
everyone has safe drinking water,
forever."*



Joint Annual Meeting Speaker,

First of all, **THANK YOU** for taking the time out of your busy schedule to speak at the 2023 Joint Annual Meeting!

The **Water For People** Committees of MWEA and MOAWWA are continuing their fundraising efforts this year and funds raised from our various activities are donated to **Water For People**. **Water For People** is an international humanitarian organization that supports the development of locally sustainable drinking water resources, sanitation facilities, and health and hygiene education programs in underdeveloped and economically challenged countries.

This year, MWEA & MOAWWA will be making an additional monetary donation to **Water For People** on behalf of all the speakers. Please accept this lapel pin to note your contribution!

The joint committees would like to thank you for your support of our fundraising efforts for **Water For People**.

Please contact either the MWEA or the MO-AWWA **Water For People** Committee Chairs if you have any questions, would like to get involved, or would simply like to learn more!

Sincerely,

Jeff Gratz
MWEA Committee Chair
Jeffrey.Gratzer@hdrinc.com

Mel Peterein
MO-AWWA Committee Chair
PetereinMS@bv.com



**MWEA/MO-AWWA
Joint Annual Meeting
2023**



Governmental Affairs Committee Report:

- State:
 - Missouri DNR kicked off their Triennial Review for 2022 – 2025. The Triennial Review updates and revises Missouri’s Water Quality Standards.
 - SRF applications were due March 1, 2023. However, the Financial Assistance Center is willing to accept applications after the deadline due to BIL Funding. Funds will be provided first come – first served.
 - The Total Phosphorus Rule is schedule to be finalized October 30, 2023.
 - PFAS subgroups have been set and are currently meeting. Contact Angela Falls at Angela.Falls@dnr.mo.gov if you are interested in joining a subgroup.
- Federal:
 - The Proposed Maximum Contaminant Level (MCL) and Maximum Contaminant Level Goals (MCLG) for PFOA and PFOS has been released by EPA. The comment period will last 60 days and end May 12, 2023 with a public hearing on May 4, 2023. You can pre-register at <https://www.epa.gov/sdwa/and-polyfluoroalkyl-substances-pfas>

The proposed MCLs are:

Analyte	MCLG	MCL
PFOA	0 ppt	4 ppt
PFOS	0 ppt	4 ppt
PFHxS		
HFPO-DA (Gen-X Chemicals)		
PFNA	Hazard Index (HI) = 1.0 $HI = \left(\frac{[PFHxS]}{9.0 \text{ ppt}}\right) + \left(\frac{GenX}{10 \text{ ppt}}\right) + \left(\frac{[PFNA]}{10 \text{ ppt}}\right) + \left(\frac{[PFBS]}{2000 \text{ ppt}}\right)$	
PFBS		

- John Hoke will be the recipient of the Governmental Affairs Award. John Hoke currently serves as the Water Pollution Control Branch Chief for the Missouri Department of Natural Resources. John has been an integral part of moving forward long-standing policy and permitting issues forward and fighting for solutions for Missouri’s NPDES permittees. John leads the Branch with the understanding that implementation of NPDES permits is what leads to improved water quality within Missouri. The Governmental Affairs Committee is happy to provide John Hoke with this award.



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President

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Black & Veatch
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Kansas City, MO 64114
913-458-3553

President – Elect

Todd Fulton
City of Cape Girardeau
2007 Southern Expy.
Cape Girardeau, MO
63703
573-339-6641

Vice President

Allison Mannion
Lochmueller Group
7306 Dorset Ave
Saint Louis, MO 63130
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HDR
10450 Holmes Road,
Ste 600
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Samantha Weidenbenner
Woodard & Curran
5587 Westerfield Pkwy.
Weldon Spring, MO
63304
636-233-8062

PWOD

Clara Haenchen
City of Jefferson
401 Mokane Rd
Jefferson City, MO 65101
573-634-6502

Delegate

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Burns & McDonnell
9400 Ward Parkway
Kansas City, MO 64114
816-823-7128

Delegate

Diane Grossenheider
Black & Veatch
16305 Swingley Ridge
Road, Ste 230
Chesterfield, MO 63017
636-536-5878

Education Committee Report

March 20, 2023

Tom Inman, Chair tinman@munequip.com

Drew Hess, Vice-Chair dhess@munequip.com

Committee Meeting

- Conducted a virtual Committee Meeting on 1/17/24.
 - Discussed the responsibilities of the Education Committee.
 - Drew Hess with Municipal Equipment volunteered to become Vice-Chair
 - Renee Lawrence of Missouri American Water volunteered to be our DE&I Liasson
 - Discussed how we can promote the Stockholm Junior Water Prize
 - Going to visit local science fairs with regional certificates
 - Contact to school districts
 - Reviewed deadlines and responsibilities of being a judge
 - Planned on scheduling an additional meeting in April to review submissions and review scoring matrix
 - Explored new ideas and goals for the committee
 - Possibly brining back, the 5th grade poster contest
 - Recognition or prizes for operators conducting plant tours
 - Discuss with Plant Operators Committee
 - Also try to incorporate other professionals during these tours
 - Possibly doing booths and presentations for local schools

Stockholm Junior Water Prize

- Reached out to last years winner Kaden Luker and he and is chaperone plan on attending MWEA Awards Luncheon.
- Emailed Missouri School Districts an invite to participate in this years competition.
- State submissions will be distributed from WEF on 4/17/23 and the committee will select this years winner.

Current Newsletter

- Submitted article advertising this year's Stockholm Junior Water Prize.

Committee Members

Dallas Massie
Clara Haenchen
Renee Lawrence
Jadelyn Weed
Becky McIntosh

Thank you.
Tom Inman
MWEA Education Committee



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Kansas City, MO 64114
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636-536-5878

Membership Committee Report thru March 2023 Submitted by: Todd Rasche

I am pleased to announce we have gained 57 new members, I have attached some charts.

Thoughts from Matt Eichkorn; MWEA Membership, I have put together my thoughts after our recent discussions regarding this.

First, I believe the goal should be to target young professionals, recent college graduates, and new engineers. If someone in our industry, or a related one, has not joined after several years, then the chance of bringing them on as a member greatly diminishes each year. The idea here is to get the younger generation involved in the organization and grow our membership for the long term. Based on this, we need to focus MWEA's marketing to that group.

The ADS team and I learned some valuable lessons from the pandemic, as well all did, but these related to marketing. My team and I focused on no cost marketing that could be affective without needing to create a budget or get approvals. We wanted to reach new clients and stay in front of existing ones with pertinent information. We utilized the professional social network, LinkedIn, to great success. We made a single post every Wednesday morning from July 2020 through June 2021. These posts were viewed 19,385 times by individual LinkedIn users from the wastewater industry. We reached almost 20,000 industry professionals during that time, or almost 1,700 people a month. LinkedIn spreads posts to each individual's network, greatly expanding one's reach. Remember, we did this all at no cost to our company and averaged about 20-30 minutes per week on a post. I would say that targeting the younger professionals through social media it the way to go.

Lastly, I propose to get a Social Media ambassador for MWEA, working on their PE or environmental degree, to create social media posts for MWEA that are targeted and professional. However, for someone to truly dedicate their time and commit to being affective at this, we need to incentivize them with something like an internship, letter of recommendation, a scholarship, etc..

Best Regards,

Matt Eichkorn

Business Development Manager

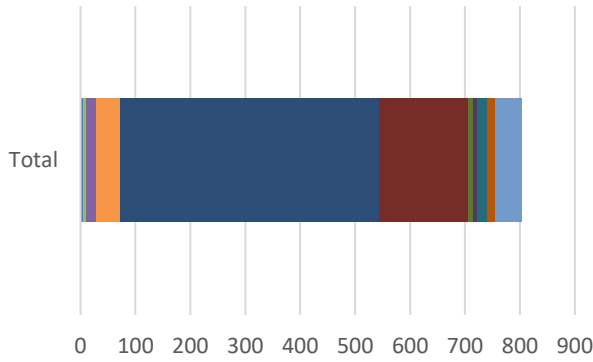


SM

MISSOURI WATER ENVIRONMENT ASSOCIATION

*Member of the
Water Environment Federation*

Membership Total 804



- Academic Membership
- Complimentary Membership for Commissioner
- Corporate Membership
- Executive Membership
- Honorary Membership
- Lifetime Membership
- Professional Membership
- Professional Operator Membership
- Retired Membership
- SJWP
- Student Membership
- UPP Complimentary Membership

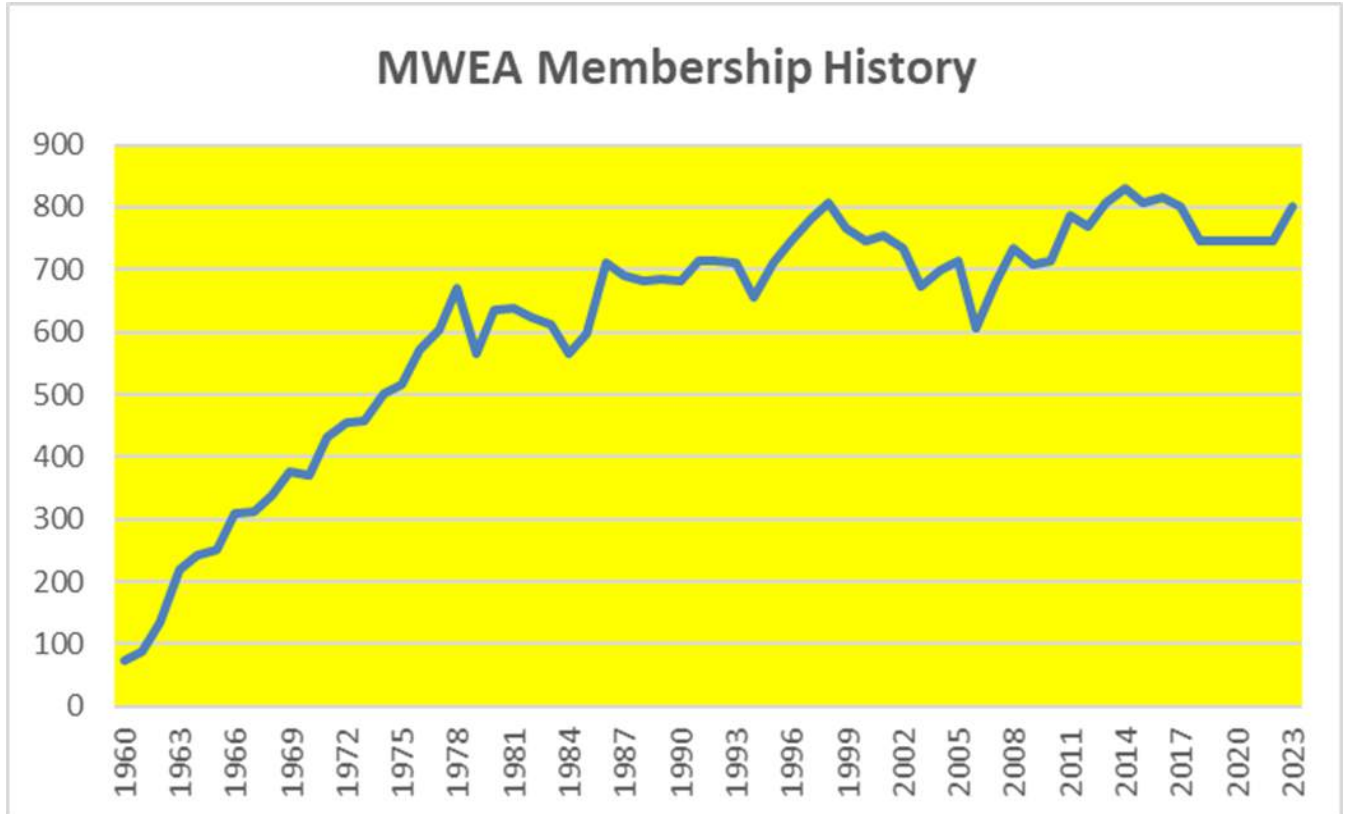
	Total
Academic Membership	4
Complimentary Membership for Commissioner	1
Corporate Membership	6
Executive Membership	18
Honorary Membership	1
Lifetime Membership	42
Professional Membership	471
Professional Operator Membership	163
Retired Membership	9
SJWP	7
Student Membership	18
UPP Complimentary Membership	16
Young Professionals Membership	48



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2022-2023 MWEA OFFICERS

President
Amanda Johnson
Black & Veatch
8400 Ward Parkway
Kansas City, MO 64114
913-458-3553

President – Elect
Todd Fulton
City of Cape Girardeau
2007 Southern Expy.
Cape Girardeau, MO
63703
573-339-6641

Vice President
Allison Mannion
Lochmueller Group
7306 Dorset Ave
Saint Louis, MO 63130
636-489-9852

Secretary
Eric Farrow
HDR
10450 Holmes Road,
Ste 600
Kansas City, MO 64131
816-347-1105

Treasurer
Samantha Weidenbenner
Woodard & Curran
5587 Westerfield Pwky.
Weldon Spring, MO
63304
636-233-8062

PWOD
Clara Haenchen
City of Jefferson
401 Mokane Rd
Jefferson City, MO 65101
573-634-6502

Delegate
Cliff Cate
Burns & McDonnell
9400 Ward Parkway
Kansas City, MO 64114
816-823-7128

Delegate
Diane Grossenheider
Black & Veatch
16305 Swingley Ridge
Road, Ste 230
Chesterfield, MO 63017
636-536-5878

To: Amanda Johnson, President, M.W.E.A.

March 22, 2023

From: Jeff Finn, Chair, Tellers Committee

Re: Report to the Executive Committee Meeting on March 25, 2023

I am pleased to announce that I have fulfilled the duties as Chair of the 2022-2023 Tellers Committee and was assisted by M.W.E.A member Todd Rasche for the task of counting the ballots as prescribed in Article 7 of the M.W.E.A Bylaws. The results of the count performed on March 21, 2023 are as follows and will be presented to the membership at the Annual Business meeting: Wednesday, March 29, 2023.

Total Ballots counted: 90

For President (1-year term):
Todd Fulton

For President Elect (1-year term):
Allison (Morris) Mannion

For Vice President (1-year term):
89 votes for Bently Green

Treasurer (2-year term):
87 votes for Mike Castner
1 vote for James Okumu

Assistant Treasurer (2-year term):
89 votes for Tom Inman

Delegate Elect
86 votes for Jeff Clarke

The results therefore indicate that the following should be recognized as duly elected officers:

President: **Todd Fulton**
President Elect: **Allison (Morris) Mannion**
Vice President: **Bently Green**
Treasurer: **Mike Castner**
Assistant Treasurer: **Tom Inman**
Delegate: **Jeff Clarke**



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March 25, 2023 - C2C Association Management Report – Dalton Turner

Executive Committee:

- Participated in bi-weekly check-in calls with MWEA leadership
- Coordinated with Eric Farrow to compile committee reports for quarterly meetings
- Assisted with SOP updates

Website:

- Facilitated various cleanup across the website, including posting previous quarterly meetings minutes.
- Assist registration with events on website.

2023 JAM

- Participated in numerous Zoom meetings with Cvent and assisted in coordination of registration and event app
- Participated in several planning meetings for 23JAM
- Assisted updating meal agendas and scripts w/ Amanda Johnson and Eric Farrow
- Assisted program committee with development of technical session matrices
- Ordered committee chairs gifts & waterdrop awards

Various Tasks:

- Assisted in scheduling reminders for newsletter article submissions
- Worked with Pam Schweitzer to update historic awards and committee chairs/officers listing(s)
- Categorized 2022 JAM registrations from Cvent for categoric breakdown (registration, meals, golf, donations, etc).