



Missouri Water and Wastewater Conference
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MWWC MAIN LINES

Training News and Information

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Floyd (Jr.) Shell, Incoming Chairman

Floyd Shell, Jr. has been a member of the MWWC for 24 years. Jr. served the city of Fredericktown, as water manager and retired in 2021 after 22 years of service. He is the owner/operator of Shell Pest Control in Fredericktown. Jr. and his wife, Kelly, have been married for 32 years. Jr. and Kelly are active members of their church and are enjoying life in the woods. They are the proud parents of one son and two grandchildren.



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New Board Member

Todd W. Baslee is the superintendent of the Boonville Water Plant for Alliance Water Resources. Todd has been a member of the MWWC for 23 years and has served two previous terms on the board. Todd holds an A level water treatment certification, a D level wastewater certification, and a DS III certification. He is active in several industry related organizations and numerous civic activities in his community.

MWWC's 2022 annual business meeting was held virtually on Thursday, September 22, 2022. Recognitions of award recipients were also made that day. Congratulations to all of the award recipients and honorees. Next year's annual business meeting will be held, in conjunction with the 2023 Annual Technical Program and Vendor Show, on Wednesday, September 20, 2023. The event will be held at the Stoney Creek Hotel & Conference Center, in Columbia. Vendor set up and a vendor appreciation social will be held on Tuesday evening, September 19.

Section Operators of the Year

Northeast Section	Tina M. Mitchell (Water Treatment) City of Shelbina
Northwest Section	Kelly V. Graves (Water and Wastewater) City of Mound City
Southeast Section	Karen Nelson (Water Distribution) Environmental Management Services, Irondale
Southeast Section	Casey Barnhouse (Water Treatment) City of Farmington
Southeast Section	David E. Harris (Wastewater Treatment) City of Charleston

State Operator of the Year David E. Harris

David E. Harris is the public works director/water & wastewater chief for the city of Charleston Public Works where he has served for 37 years. David is a certified building inspector and holds a level A-Water certification, an A-Wastewater certification, and DS III certification in distribution. David is a life member of the MWWC.

Kramer Award

The Kramer Award was established in 1970 in memory of Dr. Warren A. Kramer. Warren A. Kramer was chief engineer of the Public Drinking Water Program of the Missouri Division of Health. He was devoted to upgrading the public water/wastewater supplies of Missouri, dedicating his life to that end. Dr. Kramer also served as the secretary for the Missouri Water and Sewerage Conference. Craig A. Proctor, PWSD - Atchison Co.'s maintenance personnel member, is the 2022 Kramer Award recipient. Craig was first recognized at MWWC's 2022 Northwest Section Meeting on April 7, 2022. He has served PWSD Atchison Co. for four years of service and holds a DS I certification.

Robert S. Miller Award

The recipient of the 2022 Robert S. Miller Award is Devar Redden. Devar is the maintenance supervisor for the Columbia Water and Light Department. He has twenty years of service, at the city, and holds a C level certification in drinking water. Devar has been a member of the MWWC for 19 years. He served on MWWC's state board from 2013 - 2019 and was chairman in 2019. The Robert S. Miller Award is for outstanding devotion, dedication, loyalty, leadership, and exceptional service to both the water and wastewater industry and to the Missouri Water and Wastewater Conference.

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East Central Section Meeting

The East Central Section of the MWWC held its annual meeting on Friday, September 22, 2022.

Many thanks to the section officers that made this day of training and operator/vendor interaction possible.

A.V. Graf Award (Chairman's Award of Appreciation)

The A.V. Graf Award, otherwise known as the Chairman's Award of Appreciation, is given in memory of A.V. Graf, the organization's first chairman. The 2022 recipient of the A.V. Graf Award is Curtis Hedrick. Curtis is the superintendent of utilities, for the city of Tarkio, where he has served for 36 years. Curtis holds an A level certification in water treatment, a B certification in wastewater, and a DS III in distribution. In addition to his membership and involvement in the MWWC, Curtis is a member of the Missouri Rural Water Association, the Atchison County Wholesale Water Commission Board of Directors, and the MWWC Northwest Section Planning Committee. Curtis is a life member of the MWWC and has served on various positions on the Northwest Section's board. He is currently a director on MWWC's state board.

W. Victor Weir Award

W. Victor Weir was respected and loved by all who knew him. He was skillful in his profession and was a scholar and a diplomat. The W. Victor Weir Award is given to commemorate Mr. Weir's memory and to recognize the accomplishments of the award recipient. J. Allen (Al) McCrary is the recipient of this year's W. Victor Weir Award. Al is a water plant operator for Missouri American Water Company's water treatment plant in St. Joe. Al holds an A level certification in water treatment and a DS III in distribution. Al has been in the drinking water operations for 36 1/2 years and is still going. Al has been with the Missouri American Water team for his entire career, starting in 1986. Al has been a member of the Missouri Water and Wastewater Conference since 2003.

MWWC Award of Merit

MWWC's Award of Merit is given to a member of the Missouri Water and Wastewater Conference in recognition of outstanding leadership in the field of waterworks and/or wastewater works practice and operations. MWWC's membership voted on September 22, 2022 to change the name of the merit award to the David L. Williams Award of Merit effective September 20, 2023. Quentin Overbeck received this year's Award of Merit. Quentin is the chief operator/foreman for the Sikeston Board of Municipal Utilities. Quentin has 28 years of service in the water/wastewater field and holds an A level wastewater certification, a D level water treatment certification, a DS II in distribution, and a wastewater laboratory analyst class D with the MWEA. Quentin is a life member of the MWWC.

2023 Annual Meeting

Stoney Creek Hotel & Conference Center
Columbia, MO

Tuesday, September 19 Vendor Set-up & Vendor Appreciation Social Hour
Wednesday, September 20 Technical Program & Vendor Show

Nominees for Award Recipients and Board Members

The MWWC needs your help identifying and nominating deserving individuals for award recognitions and board member positions. Award descriptions are posted on the awards and recognitions link of our webpage, mwwc.net. Please submit nominations for state awards (Robert S. Miller, David L. Williams Award of Merit, A.V. Graf, John E. Betz, etc...) to sandi.miller@mwwc.net.

Outstanding Young Operator of the Year Award

MWWC's Outstanding Young Operator of the Year Award is given in recognition of performance in the field of water and wastewater operations and for going the extra mile to get the job done efficiently and completely. Oston M. Pease is the recipient of MWWC's 2022 outstanding young operator of the year award. Oston is a utility worker for Alliance Water Resources Bowling Green and holds a DS I certification in distribution.

2022 Life Membership

Life membership may be awarded to any individual or associate member who has paid membership dues for 25 years.

Nancy Westbrook	Contract Operator	Bill Prussman	City of Oregon
Phil Clevenger	City of Polo	James Dean Vaughn	City of LaGrange
Steve Davis	City of Ava	Roger Sullivan	City of Marceline
David Swopes	City of Mansfield	Steven Wescott	City of Gladstone
Kenneth Ricketts	Trenton Municipal Utilities	Thomas O'Connor	H2Oc Engineering
Roger Ballew	PWSD #9 -- Boone County	Homer Smith	Columbia Water and Light

2023 Section Meetings

East Central	TBA	TBA
Midwest	May 4	Columbia
Northeast	April 11	Macon
Northwest	April 6	St. Joseph
Southeast	April 26	Cape Girardeau
Southwest	May 2	Springfield

Chairman's Special Award of Recognition

MWWC's 2022 Chairman, Mike McMillian, presented his friend and colleague, Leonard Johnson, with a special award of recognition. Leonard Johnson retired on September 1, 2022 after serving as a Water Specialist for MDNR/KCRO for 14 years of service through which he provided training to countless water and wastewater operators. Prior to working for DNR, Leonard worked as an operator for nine years and holds the following certifications: Wastewater A, Drinking Water C, and DS I in distribution. Leonard has been a member of the MWWC for 16 years and is a member of AWWA and MRWA. In 2019 Leonard received the MWWC John E. Betz Outstanding Trainers award and has a member of the MWWC for 16 years.

John E. Betz Outstanding Trainer's Award

The John E. Betz Outstanding Trainer's Award was established in October 2011 to commemorate the contributions of John E. Betz as MWWC's lead trainer. The award is given in recognition of the recipient's knowledge and skills and his or her ability to convey that information to operators in a professional yet personable manner. Randall C. Chann is the 2022 recipient of the John E. Betz Trainers Award. Randy is the former CEO/president of Environmental Dynamics International and of BIO Chem Technology. In his retirement, Randy supports clients on an as needed basis and is an instructor for MWWC's State Training Program.

November and December Virtual Training

These classes and more are posted to our webpage, www.mwwc.net>training program

November 17, 2022	Water Main Rehabilitation: A Find and Fix and How-to-do-it Approach
November 22, 2022	Digging Deep Into Wells
November 29, 2022	Safety Data Sheets and Basic Chemistry
December 6, 2022	America's Ageing Infrastructure & Chlorine Safety
December 14, 2022	Water Main/Tower Flushing, Water Quality, and Fall Protection
December 16, 2022	Sewer Rehab, Nomenclature, Aeration, and New Generation Controls
December 20, 2022	Water Testing, Backflow, and Water Quality
December 28, 2022	Protecting Water Quality in Community Water Systems

Part-time Job Opportunity For Retired A and DS III Operators

MWWC is seeking individuals to teach operator training sessions through its training program. Ideal candidates would have knowledge and experience across the board in water treatment, water distribution, and wastewater. Most of MWWC's training is held virtually; however, in-seat opportunities are available at Jefferson College in Hillsboro. For more information, contact Sandi Miller at 573/797-0214 or sandi.miller@mwwc.net



TRENCH SAFETY REVIEW

SEE MORE INFORMATION AT WWW.MEM-INS.COM

Introduction: Sewer line trenches for new residences, existing residences and municipal systems are all prone to collapse. Existing sewers are in previously disturbed soil and are susceptible to collapse because the soil is not compacted, or pipe is surrounded by rock or fill dirt. Remember that the weight of trench collapses can crush legs, hips and your abdomen. Deep trench collapses can instantly kill. Never enter trench without using shoring, trench box or sloping. Unsafe trenches can kill employees instantly!

- Deaths and injuries from trench collapses can be prevented by using sloping, shoring or trench box.
- Never enter an unsafe trench no matter what the depth.
- In addition, there aren't that many communities in our area that have a fire department trained and equipped for trench rescue. Trench rescues require a lot of specialized equipment and personnel from all over the region.
- Fire departments and ambulance services regularly refer to trench rescues as "body recovery" operations.
- Every excavation and trench must be inspected by a competent person daily.
- The competent person is an employee that has been trained to identify trenching and excavation hazards AND who is authorized to stop work until hazards are corrected or removed.



EVEN "SHALLOW" TRENCHES ARE DANGEROUS. EVEN THOUGH THIS IS A "SHALLOW" TRENCH, THIS EMPLOYEE COULD BE SERIOUSLY INJURED BY THE WEIGHT OF THE FALLING SOIL. IN THIS PHOTO THE SPOIL PILE IS TOO CLOSE TO THE TRENCH EDGE AND THE SIDE WALL IS CRACKING.



REMEMBER THAT THE TRENCH IS DANGEROUS WHEN IT COULD CRUSH YOUR CHEST DURING A COLLAPSE. EVEN THOUGH MANY TRENCHES ARE "SHALLOW" – WHAT WOULD HAPPENEN IF AN EMPLOYEE WERE STOOPED DOWN - WITH THEIR HEAD DOWN - WHEN THE TRENCH COLLAPSED?

EMPLOYEES MUST KNOW OSHA'S EXCAVATION SAFETY TRIGGER NUMBERS

- **4 feet** — employees need to be given adequate access or egress. (ladder or steps into the trench)
- **4 feet** — perform atmospheric (air quality) testing where there is likely to be a hazard.
- **5 feet** — sloping, shoring or a trench box is required.
- **25 feet** of lateral travel requires additional access or egress installed. (ladder placed within 25 feet of each worker)
- **6 feet** — guardrails or barriers are required to prevent employees from falling into the trench.

- ANY TRENCH OVER 5 FEET IN DEPTH REQUIRES PROTECTIVE SHORING, SHIELDING, BENCHING OR SLOPING.
- COLLAPSES PROVIDE NO WARNING.
- WORKERS CAN BE TRAPPED IMMEDIATELY.
- TRENCHES CAN EXERT UP TO 15,000 LBS. OF FORCE ON TRAPPED WORKERS WHICH CRUSHES THE BODY.
- OSHA citations for unsafe trench work can be in the hundreds of thousands of dollars.



These advisory materials have been developed from national standards and sources believed to be reliable, however, no guarantee is made as to the sufficiency of the information contained in the material and Missouri Water and Wastewater Conference assumes no liability for its use. Advice about specific situations should be obtained from a safety professional. 11-09-2022 by MW