

THE MAINTENANCE BEACON

The Monthly Newsletter of the North Carolina Public School Maintenance Association

Volume 60, Number 5

May 2023

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MEETING DATES

The districts of NCPSMA meet twice yearly.

District 1

January, July

District 2

January, July

Pres. Ronald Moore
Phone: 910.296.1875

District 3

February, August

Pres. Greg Woodard
Phone: 252.399.7822

District 4

February, October

Pres. Donna Fields
Phone: 910.678.2565

District 5

March, September

Pres. Justin Dyson
Phone: 336.909.2280

District 6

April, October

Pres. Chris Adkins
Phone: 980.343.4526

District 7

May, November

Pres. Jeff Adams
Phone: 336.551.1109

District 8

March, November

V. Pres. Jason Kelly
Phone: 828.456.2402

Meeting Dates & Locations

Should be sent to The Maintenance Beacon two months in advance for publication.

Deadlines

Publication deadline for articles and advertisements is first day of the month prior to month of publication.



It is not too late to register for the 15th Annual NCPSMA Western Convention at the Ridgecrest Convention Center in Black Mountain, NC. More Information as well as Registration Forms and the Agenda can be found in this edition of *The Maintenance Beacon* and online at www.ncpsma.org. Please contact Kristie Payne at (828) 565-0115 or office@ncpsma.org if you have any questions.

Meet Ronald Moore

Ronald Moore is the Director of Maintenance for Duplin County Schools (DCS). He was born in Jacksonville, North Carolina in Onslow County, which is the home of the United States Marine Corps' Camp Lejeune and New River Air Station in North Carolina's picturesque Crystal Coast area. Ron proudly stated that he may have been "born in Jacksonville but I was reared in Kenansville, North Carolina", the town he still calls home to this day. Kenansville is the county seat for Duplin County which known for its importance in raising animals and food. Duplin County has more hogs than any other county in the United States, as well as being home to a major part of North Carolina chicken and turkey industry.

Ronald attended kindergarten through twelfth grade in the Duplin County Public Schools graduating from James Kenan High School in Warsaw, North Carolina. Ron did not begin college immediately after high school instead entering the United States Air Force. He then attended UNC-Wilmington where he obtained a bachelor's degree in Middle Grades Math, while working full-time as a custodian in the Duplin County Schools, A few years later he returned to college and continued his education by obtaining a master's degree from Gardner-Webb University in Executive Leadership Studies.

Ron has worked for Duplin County Schools in numerous capacities since the start of his career over 21 years ago. He has served in the school system as a custodian, painter, Middle School Math teacher, Middle School Assistant Principal and in his latest role as the Maintenance Director for Duplin County Schools. Ron's work ethic, dedication,



Anita Moore, Director of the Year Winner Ronald Moore and Chris Moore

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Meetings and Events

DISTRICT SEVEN MEETING

May 18, 2023 at 6:00 pm

Hosted by Watauga County Schools at Watauga High School - 300 Go Pioneer Drive, Boone NC 28607
For more info please contact Robert Hoyle at 828.464.3562 or Eric Bolick at 828.268.4630

15TH ANNUAL NCPSMA WESTERN CONVENTION/WORKSHOP

May 24 and 25, 2023

Johnson Springs Convention Center, Ridgecrest, NC
For more info please contact Krisite Payne at 828.565.0115 or office@ncpsma.org

DISTRICT THREE MEETING

August 3, 2023 at 4:00 pm

Hosted by Johnston County Schools at Facility Services Building - 601-A W Market St., Smithfield, NC
For more info please contact D3 Secretary/Treasurer Sue Farmer at 252.399.7823 or sue.farmer@wilsonschoools.net

51ST ANNUAL NCPSMA EASTERN CONVENTION/WORKSHOP

September 26-29, 2023

DoubleTree by Hilton Atlantic Beach
For more info please contact Krisite Payne at 828.565.0115 or office@ncpsma.org

DISTRICT THREE GOLF TOURNAMENT

October 27, 2023 (Rain Date; November 3, 2023)

Lunch at 12 pm - Shotgun start at 1 pm

Wedgewood Golf Course, 3201 Old Stantonsburg Rd., Wilson, NC
For more info please contact Sue Farmer at 252.399.7823 or sue.farmer@wilsonschoools.net

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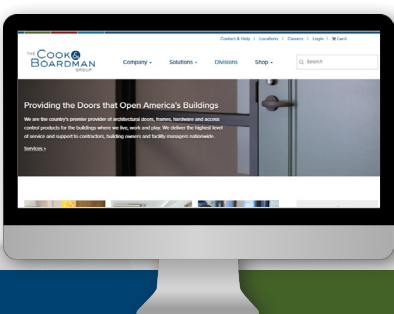
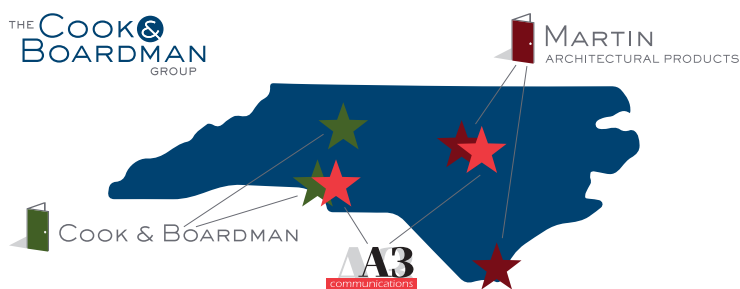
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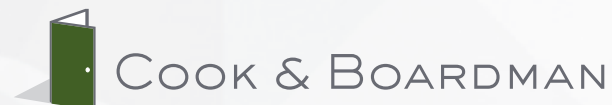


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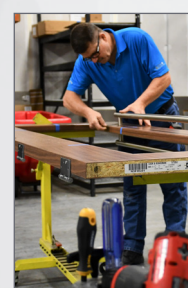


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Meet Ronald Moore

continued from page 1



Director of the Year Winner Ronald Moore and Chris Saffelle



Ronald & Anita Moore



and commitment to the students as well as his fellow co-workers led to him being nominated and awarded North Duplin Jr/Sr Teacher of the Year for the 2014/15 school year.

Ronald finds it challenging at times to maintain fourteen schools and five central office buildings with limited staff...a problem most school maintenance departments across the state face on a daily basis. However, Ron finds comfort in knowing his department plays a roll in helping to control the learning environment for staff and students by making certain the climate they are in is conducive to learning. When asked about his best moment in his role as Director of Maintenance he says, "seeing our students return to school face-to-face after the Covid restrictions were lifted". He spoke about the best advice he has received in his time at Duplin County Schools saying, "during my first year as Maintenance Director I was advised not to promise to do something for someone if I know I can't do it or fund it". Jody Gurganus, DCS Maintenance Department Electrician, gave these words of praise for his leader Ronald Moore, "It gives me great satisfaction and joy working for a director who is a Godly man first and a family man, which he carries throughout his workday as he is always saying to us 'We are Family'... and I know he means that because he gives the time that *each and every* employee under his supervision needs." Ira Wade, DCS Assistant Maintenance Director/Safety Officer said, "Ronald Moore is the consummate leader. He leads by example and is always willing to jump in and help the guys with any task. Ronald always has the best interest of the workers at heart and goes out of his way to make sure they are well taken care of. The maintenance guys love and respect Ronald and are always willing to go the extra mile to get the job done for him."

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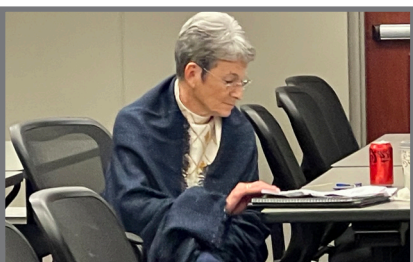
NCPSMA Planning Committee and Advisory Council Meet



Advisory Council



Greg Woodard, Gary Burdiss, Michael Spillman and Bergie Speaks



Donna Fields



Kristie Payne, David Martin, Jodene Abney, Chris Campbell & Mark Letchworth



Randy Collins & Michael Spillman

The North Carolina Public School Maintenance Association Planning Committee and Advisory Council met on March 23, 2023 at Hoffman and Hoffman, Inc. in Greensboro, North Carolina. First on the agenda was the 2023 51st Annual Eastern Convention Planning Committee Meeting. NCPSMA State President David Martin called the meeting to order, conducted roll call and welcomed new member, NCPSMA State Secretary, Jodene Abney. NCPSMA Manufacturer Representative Buddy Hall, Wolf Trail Engineering led in prayer.

NCPSMA State Secretary, Jodene Abney read the minutes from the previous Planning Committee Meeting.

NCPSMA Executive Director, Kristie Payne gave an update on how the 2023 Western Convention is progressing. Things are so exciting with lots of new and familiar vendors as well who have already registered and are filling the Exhibitor Hall with abundance as we are already overflowing into the hallways.

President Martin and the Planning Committee then went full speed ahead to work on deciding the tentative agenda for the 2023 51st Annual Eastern Convention at Atlantic Beach, North Carolina.

NCPSMA Manufacturer Representative Randy Collins provided the meeting space for our meetings as well as refreshments. And at this time, we had afforded the opportunity to indulge in a small break to which Mr. Collins and his delightful and kind coworkers provided those in attendance with a delicious and much appreciated lunch.

After lunch, President Martin called the NCPSMA Advisory Council meeting to order and conducted roll call. NCPSMA State Liaison Officer Chris Campbell led in prayer. State Vice President

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Press Release

Governor Cooper Releases Proposed Budget, First in Opportunity

Gov. Cooper Proposes Historic Investments in Education, Economic Development, and Workforce Without Raising Taxes

Today, Governor Roy Cooper released his recommended budget for FY 2023-2025, First in Opportunity. The plan put forth by the Governor builds on the state's success and "once-in-a-generation" opportunity by investing in North Carolina families, businesses, and communities.

The budget includes an average 18% teacher raise over the biennium, a \$1 billion plan to support mental health, the largest invest-

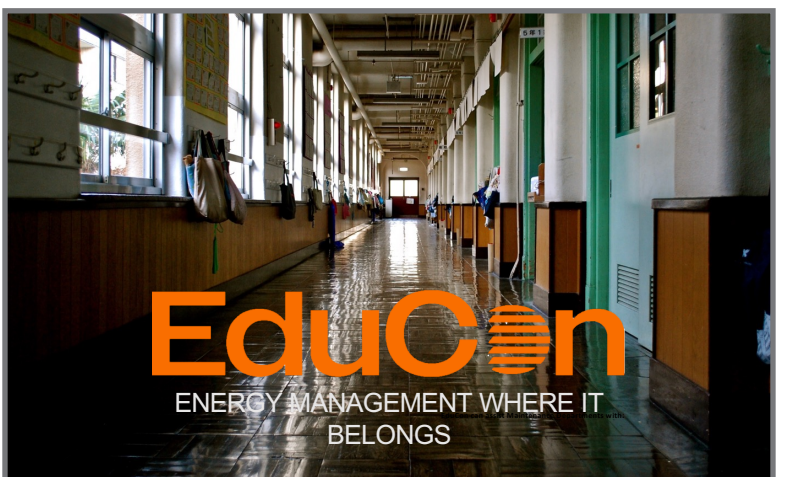
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Meet Ronald Moore

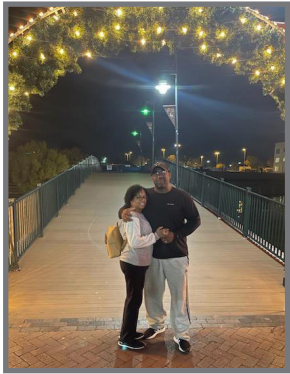
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NCPSMA has been a big part of Ronald's career while he has been at Duplin County Schools. Not only is he a member for over 20 years, but he also has held the office of District 2 President since 2017. Ron also serves on the Advisory Council and on the Planning Committee for both the Western and Eastern Conventions. When asked about his time with the NCPSMA he stated, "Since all of us have many things in common, NCPSMA has made me feel supported by providing open communications with other maintenance directors throughout the state. NCPSMA is a great place to grow and learn from others across the state who may have experienced something that I could encounter later." Ron is very proud of the fact that Duplin County Schools Maintenance Department has had 100% membership with NCPSMA for over fifteen years.



Ron has been married to the beautiful Anita Moore for 33 years. Together they have 2 wonderful children, LaToya Bratten and Ronald Christopher Moore, as well as 3 amazing grandchildren – Trejon, Keyce, and Mya. Aside from his active role with the NCPSMA, Ron is very active within his community serving on the Board of Directors for the Duplin County Veterans Memorial Museum, the Warsaw Planning Board, and is a member of Hines Chapel FWB Church where he serves his church as a deacon and is a member of the Men's Choir. In his spare time Ronald enjoys sports, fishing, solving jigsaw puzzles (especially ones that have at least 1,000 pieces or more), and working in his vegetable and lawn gardening. If he had more time, he would love to be able to go fishing at least twice a week.



This past September at the Annual Eastern NCPSMA Convention, Ronald was honored with the 2022 NCPSMA prestigious Maintenance Director of the Year award. This esteemed honor starts with nomination by peers and is awarded yearly to only one well deserving Maintenance Director who has made great strides to contributed to the success of the NCPSMA. We are blessed to have Ronald Moore as such an active member working diligently to support his fellow NCPSMA members across the state.

Kristie Payne

Press Release

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ment in state employee compensation in 50 years and critical funding for child care, job training, and economic development. First in Opportunity is a responsible, balanced budget that does not raise taxes for North Carolinians while maintaining almost \$7 billion in reserves in case of a potential downturn.

"We are at a historic moment with unprecedented opportunity to make 'once-in-a-generation' investments in our future," said Governor Cooper. "North Carolina has built on our success to strengthen our place as first in opportunity, and we will continue that growth only by making sound investments in our families, workforce, schools and communities. Let's take advantage of our unlimited potential to make sure every North Carolinian can thrive."

Ensuring a Sound Basic Education, 1st in the Southeast in Teacher Pay

The Governor's budget invests substantially in public schools and a sound basic education required by the constitution for every student by raising teacher pay and including funding to help hire more educators, nurses, counselors, social workers, school psychologists, and turnaround coaches. It fully funds the remedial plan ordered by the Supreme Court.

The budget also increases teacher pay by an average of 10% in FY 2023 and 6% in FY 2024 and sets minimum starting teacher salaries at \$46,000 in addition to local supplements. This would make North Carolina first in the Southeast in teacher pay and 16th in the nation, up from 32nd. The budget also seeks to address bus driver shortages across the state by raising pay 9.5% for noncertified school personnel and expanding DMV capacity to train school bus drivers.

Making Historic Investments in Child Care to Support Families

Governor Cooper recommends \$1.5 billion in new funding to support child care and early childhood education needs across the state. As part of that, the budget includes \$500 million for child care stabilization grants to help maintain our access to affordable early childhood education. It also includes \$200 million to increase child care subsidy rates in rural and lower wealth communities. These critical investments will help children grow, parents work and employers hire.

Meeting Workforce Needs and Strengthening Economic Development

The Governor's budget strengthens and expands North Carolina's growing workforce by enhancing services to connect employers and employees as well as in-

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NCPSMA Planning Committee and Advisory Council Meet

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Rick Benton, Justin Thornton, Jamie Johnson & Chris Pulley

Mark Letchworth welcomed new member, Chris Pulley, District 3 Advisory Council Member.

NCPSMA State Secretary, Jodene Abney ready the minutes from the December 6, 2022 meeting held via Google Meets.

The Membership, Beacon, Financial and 2023 Western Convention Reports were presented NCPSMA Executive Director, Kristie Payne.

The 2023 51st Annual Eastern Convention's Tentative Agenda was then presented to the Advisory Council for comments and concerns as well as opportunities to volunteer and serve within the association at the convention. After a few changes and some great class selections, plans are set to get started on getting everything in order to proceed with new and exciting opportunities for our members in September.

Obituary



It is with heavy hearts that we remember the life of James "Jim" Edward Branch, Founder of Seating Safety Solutions. His entrepreneurial spirit led him to found and grow multiple businesses and be an active member in his community and state. Jim was born in Rock Hill, South Carolina. He later moved to Greensboro, North Carolina where he was

married to Denise Branch and had two children, Jonathan Branch and Ashlee Branch.

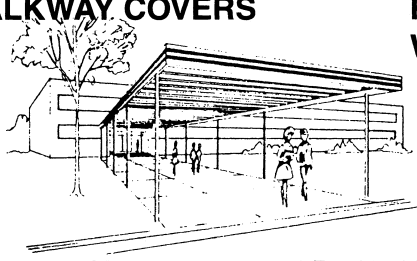
He graduated from Clemson University in South Carolina with a Bachelor of Science in Industrial Management, in 1962. After graduating college, he served three years in active duty for the US Army, where he served in Fort Benning, Fort Sill, and Korea as a First Lieutenant and Field Artillery Officer. After active duty, he then served three years in the US Army Reserves.

He later launched his long career serving both North and South Carolina in the bleacher and auditorium seating industry. This led to him founding Learning Environments, Inc. in 1976. He worked on many major projects and specialized in auditorium, stadium, and arena seating. Some of his most notable projects included ASU, HPU, ECU, and Clemson University, his alma mater, just to name a few. He later sold Learning Environments in 2005. He began pursuing bleacher service and repair, along with Stephen Bishop, through Seating Safety Solutions, Inc. After many years of dedicated service, he later retired from Seating Safety Solutions.


Jim was a detail-oriented, problem solver. Over the course of his life and career he shared his intellect and business knowledge with those who worked for and with him. You could often find him working in his shop pouring into blueprints and researching the best possible solutions to repair a problem. His dedication to his work and the pride he took in a job well done was a product of his honest and hard-working character.

A memorial service will be held Saturday, May 6, 2023 at 11:00 AM with Visitation to follow at Hanes and Lineberry Funeral Home & Guilford Memorial Park, West Gate City Boulevard, Greensboro, NC. <https://everloved.com/life-of/james-branch/>

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Western Convention 2023 Important Information

**15th ANNUAL NCPSMA WESTERN CONVENTION
IMPORTANT INFORMATION FOR MEMBERS
May 24-25, 2023**

Hotel Reservations

- Room reservations are to be made on an individual basis.
- Reservations should be made by calling Ridgecrest Reservations Department directly at 1-800-588-7222.
- Special room rates for this convention range from \$119 - \$139 (before taxes), depending on room type and room occupancy.
 - In order to receive the special convention rate, you must inform the Reservationist at the time of booking you are attending the "2023 NCPSMA Convention".

NCPSMA 2023 Western Convention reservation block ends May 6, 2023, after which date rooms and room rates are not guaranteed.

- A credit card will be required for booking your reservation.
- Individual reservation deposits require a one (1) night's room rental.
 - This deposit is refundable less a \$10 per room processing fee if canceling 60 or more days prior to arrival, one-half refundable if canceling 30-59 days prior to arrive, and non-refundable if canceling less than 30 days prior to arrival. Ridgecrest is not a "transient hotel" thus rescheduling of cancelled rooms requires greater advanced notice.
- Please be sure to inform Ridgecrest Reservationist of any special needs i.e. handicap accessible room or other special request at the time of booking.
- **Check-in time is 4:00 PM and check-out time is 10:00 AM.**
- **If paying by check, please make payable to Ridgecrest.**

Meal Tickets

- Meal Tickets can be purchased for \$35 per person (\$37 for debit/credit payments).
 - Meals included are:
 - Wednesday: Breakfast and Dinner
 - Thursday: Breakfast only
- Meal Tickets must be purchased through NCPSMA Executive Director Kristie Payne before May 8, 2023.
- Due to our Catering Cutoff date of May 8th, Meal Tickets **CANNOT** be purchased at the Convention.
- **A Buffet Lunch will be served Wednesday and Thursday, which is included in your event registration fee.**

Ridgecrest Behavioral Standards

Ridgecrest is a Christian Conference Center and in keeping with their mission, the following standards help to assume the comfort of all guests.

- Alcoholic beverages, illegal drugs, firearms, and fireworks are not permitted.
- The use of tobacco and tobacco related products are prohibited. A \$250 cleaning fee will be incurred per incident if this standard is violated.
- Burning of incense or candles is prohibited.
- As a courtesy to all guests, please observe noise curfew from 11:30 pm and 6:30 am.
- Immodest clothing, distasteful or offensive monograms/designs, bare feet in public areas, or any extreme style of dress is prohibited.
- Pets are not permitted in any Ridgecrest facility. However, service animals as defined by ADA regulations are permitted. ADA regulations define a service animal as "any dog that is individually trained to do work or perform tasks for the benefit on an individual with a disability, including physical, sensory, psychiatric, intellectual, or other mental disability." Per the US Department of Justice, "The crime deterrent effects of an animal's presence and the provision of emotional support, well-being, comfort, or companionship do not constitute work or tasks for the purposes of this definition." Such animals are not service animals and are therefore not permitted in any Ridgecrest facility.
- Ridgecrest is not responsible for lost or stolen possessions. Ridgecrest does not assume responsibility for damage or loss of any material articles prior to, during or following events.



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15th Annual NCPSMA Western Convention

Individual Registration Form for Regular or Retired Regular Members

May 24-25, 2023 | Johnson Springs Conference Center at Ridgecrest | Black Mountain, North Carolina 28770

IMPORTANT INFORMATION

- Regular or Retired Regular Members are currently employed and/or retired from the North Carolina Public School System
 - o Regular or Retired Regular Members wishing to attend the conference must be current members of NCPSMA.
 - o You can register online at www.ncpsma.org if paying with debit/credit or by mailing this form in with your payment.
 - o In order to expedite the Registration/Check-In process, please be sure to pay all fees **INCLUDING MEMBERSHIP FEE** prior to arrival to the Convention.
- Meal Tickets may be purchased for the Ridgecrest Dining Room.
 - o Meal Tickets include Breakfast and Dinner on Wednesday and Breakfast on Thursday.
 - o A Buffet Luncheon will be served on Wednesday and Thursday and is included with your conference registration.
 - o Meal Tickets **cannot** be purchased through Ridgecrest and **must** be purchased with your registration.
 - o There will be **no refunds** for missed meals.

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ADDRESS				
CITY		STATE	NC	ZIP
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EMAIL ADDRESS				
INFORMATION NEEDED FOR RIDGECREST Please check one.		STAYING OVERNIGHT AT RIDGECREST		DAILY COMMUTER

Conference Fees: Please check all fees and items that apply and fill in blanks where appropriate.

DESCRIPTION	CASH OR CHECK	DEBIT OR CREDIT MUST BE PAID ONLINE	TOTAL
PREREGISTRATION Before May 1, 2023	1 x \$75.00	1 x \$78.00	\$
REGISTRATION After May 1, 2023	1 x \$85.00	1 x \$88.00	\$
MEMBERSHIP DUES	1 x \$20.00	1 x \$21.00	\$
MEAL TICKET <i>MUST BE PURCHASED IN ADVANCE BEFORE MAY 8, 2023</i>	1 x \$35.00	1 x \$37.00	\$
There will be no refunds after May 1, 2023.		GRAND TOTAL	\$

Payment Information

Checks: Payable to NCPSMA and mail to NCPSMA, 224 Mulberry Street, Clyde, NC 28721
Credit/Debit Cards: Pay online at www.ncpsma.org. Click on the Convention Information Tab, then the Western Convention Tab and then the Regular Member Information Tab.

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15th Annual NCPSMA Western Convention Tentative Agenda

Johnson Springs Convention Center | Black Mountain, North Carolina
May 24-25, 2023
Tentative Agenda

TUESDAY, MAY 23, 2023

3:00-5:00 pm **Early Registration** (JS Lobby / 1st Floor)

WEDNESDAY, MAY 24, 2023

TO OBTAIN CREDIT FOR CREDIT HOUR CLASSES YOU MUST ATTEND ALL CLASSES

7:15 am – 4:30 pm **Registration** (JS Lobby / 1st Floor)

7:15-8:15 am **Breakfast** (Cafeteria) - Previously purchased "Meal Ticket" required

8:00-10:00 am **NC Locksmith License Renewal** (2 CEUs) – "What Needs to Be Addressed Before Considering Access Control?" (JS 1 D & H / 1st Floor) Presented by Phillip Floyd, Co-Owner/Vice President & Director of Sales, Seven Oaks Doors and Hardware

"Stihl Small Engine Repair" – Class 1 (JS 2 B / 2nd Floor) Presented by Will Parker, Technical Sales Specialist, Mid Atlantic STIHL

"Hydronic Systems Maintenance" (2 CEUs) (JS 3 / 2nd Floor)
1) Pump Types & New Technologies
2) Pump Installation & Pitfalls
3) How to Read a Pump Curve
4) Pump Lubrication Requirements
5) Pump Seal Types
6) Air Management & System Pressurization
Presented by Jeff Miller, After-Sales Support Manager, JMP Equipment Company

"Pesticide Ornament & Turf" – Class 1 (2 CEUs) (JS 4 / 2nd Floor) Presented by Steve D. Pettis, Commercial & Consumer Horticulture Agent NC State Cooperative Extension

Electrical Updates Using the 2020 Code – (2 CEUs) Class 1 – "NEC 210.8 GFI Protection for Other Than Dwelling Units" (JS 5 / 2nd Floor) Presented by Josh West, Cabarrus County Building Inspector

8:00-9:00 am **Coffee Break and Refreshments** (JS Lobby / 1st Floor)

8:30-9:00 am **Exhibitor Display Selection** (JS 1 A / 1st Floor)

9:00-10:00 am **Exhibitor Display Setup** (JS 1 A/B/C/E/F/G / 1st Floor)

10:00-11:00 am **Opening Session and Vendor Introductions** (JS 2 C / 2nd Floor)

11:00 am – 12:00 pm **Visitation with Exhibitors and Door Prizes** (JS 1 A/B/C/E/F/G / 1st Floor)

Advisory Council Meeting (JS 2 C / 2nd Floor)

12:00-1:00 pm **Exhibitor and Member Traditional Southern Buffet Luncheon** (JS 2 A & B / 2nd Floor)

1:00-2:30 pm **Visitation with Exhibitors and Door Prizes** (JS 1 A/B/C/E/F/G / 1st Floor)

2:30-4:30 pm **Exhibitor Display Breakdown** (JS 1 A/B/C/E/F/G / 1st Floor)

NC Locksmith License Renewal (2 CEUs) – "Interior Doors and Hardware Applications" (JS 1 D & H / 1st Floor) Presented by Phillip Floyd, Co-Owner/Vice-President & Director of Sales, Seven Oaks Doors & Hardware

"Stihl Small Engine Repair" – Class 2 (JS 2 B / 2nd Floor) Presented by Will Parker, Technical Sales Specialist, Mid Atlantic STIHL

"Playground Safety" (JS 2 A / 2nd Floor) Presented by Jamie Perritt, Jr, Next Level Recreation of the Carolinas

WEDNESDAY, MAY 24, 2023 (continued)

2:30-4:30 **"Cost Management Strategies for Irrigation Systems"** (JS 3 / 2nd Floor)
1) Cost Management for Watering Athletic Fields
2) Irrigation Using Well Water Instead of Purchasing from Municipal Providers
3) Typical Water Usage & Costs
4) Irrigation Control Systems Technology
5) Common Issues Resulting in Unplanned Expenditures
6) Relationships with Athletic Directors & Coaches
Presented by Andrew LaRowe, Pres., EduCon & Michael Spillman, Maintenance Director, Davie County Schools

"Pesticide Ornamental & Turf" (2 CEUs) – Class 2 (JS 4 / 2nd Floor) Presented by Steve D. Pettis, Commercial & Consumer Horticulture Agent NC State Cooperative Extension

Electrical Updates Using the 2020 Code (2 CEUs) - Class 2 – "NEC 110.14, 22 and 31-.16 – Temperature Limitations, Identification of Disconnecting Means and Wiring Methods" (JS 5 / 2nd Floor) Presented by Josh West, Cabarrus County Building Inspector

4:45 – Until **Cornhole Tournament** with cash prizes (Sidewalk Area / 2nd Floor)

5:30-6:30 **Dinner** (Cafeteria) – Previously purchased "Meal Ticket" required

THURSDAY, MAY 25, 2023

TO OBTAIN CREDIT FOR CREDIT HOUR CLASSES YOU MUST ATTEND ALL CLASSES

7:15-11:45 **Registration** (JS Lobby / 1st Floor)

7:00-9:00 **Coffee Break** (JS Foyer / 1st Floor)

7:15-8:15 **Breakfast** (Cafeteria) - Previously purchased "Meal Ticket" required

8:00-10:00 **NC Locksmith License Renewal** (2 CEUs) **"How to Set up a Key System"** (JS 1 D & H / 1st Floor) Presented by Tammy Griffin, End User Specialist & Ed Garver, Distributor Sale Consultant, ASSA ABLOY

Pesticide Structural" (2 CEUs) – Class 1 (JS 4 / 2nd Floor) Presented by Patty Adler, NCSU, Director of Structural Pest Management Training Facility

Electrical Updates Using the 2020 Code (CEUs) - Class 3 – "NEC 225.30 B Common Supply Equipment in Outdoor Branch Circuits and Feeders" (JS 5 / 2nd Floor) Presented by Josh West, Cabarrus County Building Inspector

"Plumbing Fundamentals" (JS 2 A / 2nd Floor)
1) Flush Valve Maintenance
2) Wall and Yard Hydrant Maintenance & Repair
Presented by Josh Waters & Donnie Johnson, Total Maintenance Solutions

"Shelter in Place Lockdown Solutions" (JS 2 B / 2nd Floor) Presented by Barry Phillips, Regional Sales Director, Wesco

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15th Annual NCPSSMA Western Convention Tentative Agenda

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THURSDAY, MAY 25, 2023 (continued)

- 8:00-9:00 **“Care, Maintenance & Fire Code Compliance for Your Stage Curtains”** (JS 3 / 2nd Floor)
Presented by Steve McKee, President, Premier Drapery Cleaning
- 9:00-10:00 **“Spectator Seating: Code Compliance & Preventative Maintenance”** (JS 3 / 2nd Floor)
1) Today’s Codes & How They Affect Facilities
2) Preventative Maintenance & Proper Care
3) Tips & Tricks to Help Reduce Liability Claims
4) Bleachers & Grandstand Code Compliance Upgrades
5) Auditorium & Outdoor Fixed Seating Maintenance Tips
6) Gymnasium Equipment & Backboard Inspections & Maintenance
Presented by Jacob Lovings, Seating Safety Solutions, Inc.
- 10:00-12:00 **NC Locksmith License Renewal** (2 CEUs)
“Troubleshooting and Maintenance of Doors and Hardware” (JS 1 D & H / 1st Floor)
Presented by Alan Meyer, End User Specialist & Scott Shipton, End User Specialist, ASSA ABLOY

“Water and Fire Loss Restoration” (JS 2 A / 2nd Floor)
Presented by Patrick Brown, Business Development & Commercial Project Management, Belfor Restoration

“Maximizing Existing Budgets to Create Funding for Key Initiatives” (JS 2 B / 2nd Floor)
Presented by Ken Harden, Senior Consultant, Energy Systems Group

“Kitchen Equipment” (JS 3 / 2nd Floor)
Presented by Darrin Bisson, Region Operations Manager, Hobart Service

“Pesticide Structural” (2 CEUs)
Class 2 (JS 4 / 2nd Floor)
Presented by Patty Adler, NCSU, Director of Structural Pest Management Training Facility

Electrical Updates Using the 2020 Code (2 CEUs) - Class 4 – “NEC 230.71 B – Two to Six Service Disconnecting Means, Location, Grouping and Barriers” (JS 5 / 2nd Floor)
Presented by Josh West, Cabarrus County Building Inspector
- 12:15-1:30 **Classic Picnic Luncheon Buffet** (JS 1 A&E / B&F / 1st Floor)
- 1:30-2:30 **Closing Session** (JS 1 A&E / B&F / 1st Floor)

Variable Speed Pump Control in the Age of ASHRAE 90.1-2010/13 • Part Four

By JMP Equipment Company

Balancing Variable Speed Systems

Good system balance is not only crucial to the efficiency of a variable speed system, it is also a requirement of ASHRAE 90.1, along with a written balance report which must be submitted to the owner or representative for the HVAC system. This requirement applies to any building with a conditioned space of greater than 5000 sq. ft., which includes most any non-residential building. (See Addendum 5).

ASHRAE also requires that we proportionally balance and thus be able to reduce the speed of the pump as much as we can and still meet design flow conditions. (See Addendum 6). In other words, we must trim the pump impeller or be able to reduce the speed of the pump so that we have just enough flow to deliver 100% of flow at the critical zone with the valve wide open.

Finally, we must provide the owner with the suggested setpoints for the system, including pressure in air duct, hot and chilled water temperature setpoints, Delta T’s, and, most relevant to our current discussion, control head setpoint. (See Addendum 7). We may use any of the following components to balance, as long as the outcome is a verifiably balanced system:

continued on page 11

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Top Considerations When Selecting a Waste Management Vendor

Due diligence will help you find the right partner for your facility's disposal needs

by Cheryl Coffee October 6, 2021

Facility managers have an ongoing responsibility for the security and proper maintenance of their buildings to meet the needs of their company, employees, and customers. Part of this responsibility is proper, sustainable waste management.

Facility managers rely on vendors for proper waste disposal, including disposal of hazardous waste that could be dangerous or harmful to human health or the environment. Be it compliance history, sustainability factors, capacity, or reliability, facility managers must consider several key aspects when vetting a partnership with a waste disposal vendor. Here are some top considerations to help you find an experienced vendor.

Compliance history, site conditions, and timeliness

Facilities in every industry—from health care to education to government—have different disposal needs depending on the volume and type of waste they produce. Some projects that a skilled waste management vendor can and should manage for their clients include coordination with proper disposal haulers and onsite waste management tasks to ensure compliance.

Evaluate potential disposal facilities prior to selecting a waste management vendor. Review the vendor's compliance history involving state-permitted facilities to determine if it is following regulatory requirements for its operating site.

Regardless of whether you already have a vendor partnership or are looking for a new one, here are important questions to ask:

- Is the vendor legally permitted to do what they say they can do?
- When referring to a treatment, storage, and disposal facility (TSDF), where are they taking the material? Where is the final disposal outlet?
- Many companies restrict where you can send waste material to limit the liability. Is the vendor managing the waste material the way they said they would? Can they provide appropriate documentation?
- Is the vendor processing material in a timely fashion, or are they stockpiling it onsite in hopes that they find an outlet?

Companies and organizations are now using qualified third-party auditors before selecting a waste management vendor partner. Clean Earth, as a disposal vendor, has seen an increase in the number of audits as well as the level of detail in these audits over the last couple of years. Often, potential disposal partners are required to complete an extensive audit to include site history and financial stability information, compliance records, health and safety ratings, copies of permits, and a certificate of insurance. Many organizations are also using third-party safety audit companies to review waste management vendors, focusing specifically on their safety program and score. Facility managers can do the audits themselves or they may choose to hire a qualified third-party consulting company equipped with the tools to evaluate safety programs.

Values and sustainability

Waste management vendors also can become sustainability partners to help you minimize or achieve zero waste at your facility. If this is your goal, it is important to select a vendor that has a shared goal and vision for how your facility can become more sustainable. The vendor should work closely with you to establish a partnership that takes the entire company into consideration and creates waste solutions that fit your needs.

A vendor should be experienced in the entire waste management process and be proactively involved in providing solutions to eliminate waste before it even happens. Sustainability goals are becoming increasingly important across every level of an organization, so it is critical to consider sustainability initiatives when selecting a vendor, as the outcome—good or bad—will impact the future of any company in any industry.

Vendor costs

While it is easy to focus solely on cost when looking for the right vendor, price should not be the only factor. Remember, the least expensive route is not always the best route. When it comes to evaluating the impactful differentiators among vendors, making a decision boils down to their compliance history and capabilities.

When considering cost, it is also important to commit to a vendor partner that will add value and provide brand protection for the company and/or facility, too. Many clients and consumers are looking to invest their money in products and services that align with their sustainability values. So, it makes sense to choose a vendor partner that places sustainability initiatives as a top priority. Sustainable waste management helps eliminate waste that might otherwise be placed into a general garbage stream for landfill disposal.

Labor shortages

The current labor shortage caused by the COVID-19 pandemic has impacted nearly all waste management services across the United States. This shortage translates to a lack of drivers



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Variable Speed Pump

Control in the Age of ASHRAE 90.1-2010/13 • Part Four

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- Calibrated balancing valves (i.e. circuit setters)
- Automatic system-powered flow control (flow limiting) valves
- Standard ball or butterfly valves with pressure gauges or test plugs for measuring pressure drop across the coil or heat exchanger so that appropriate flows can be determined based on the manufacturer's performance data
- Pressure-independent control valves
- Automatic control valves

Ball/butterfly valves and automatic control valves aren't really relevant options in today's sophisticated systems, so we will limit our upcoming exploration of control methods to the remaining three.

Now let's look at each under specific scenarios to show how they can and can't be used to meet ASHRAE balancing standards and how each balance type changes the control area of the system.

Today's flow balancing devices for variable flow pumping systems fall into three main types:

1. Pressure Dependent Calibrated Valves
2. Pressure Independent Flow Limiting Valves
3. Pressure Independent Control Valves

(See Addendum 8 for advantages and disadvantages of various balancing devices.)

Pressure dependent calibrated valves, commonly referred to as circuit setters, are used for pre-set proportional system balancing. Circuit setters incorporate a ball valve and two pressure ports through which the entering and exiting pressures can be measured to determine the pressure drop across the valve. A calibrated plate makes it possible to balance and set flow. Circuit setters are field adjustable and may be preset prior to balancing. They are inexpensive and readily available, however getting them properly set up at system start-up requires expertise and can be time consuming, depending on the number of circuits.

Pressure independent flow limiting valves have cartridges on the inside that move back and forth in response to system pressure changes. This movement increases or decreases the size of the internal orifice. When the entering pressure is low, the spring-loaded cartridge inside the valve opens, and in doing so allows more flow to pass through the valve despite the low pressure. As entering pressure increases, the pressure acts on the spring, compressing it and reducing the orifice size so that flow is limited through the valve. In either case, flow is quickly stabilized despite system pressure fluctuations – as long as the pressures are within the operating range of the specific valve (Figure 10).

Flow limiting valves are shipped preset from the factory based on the maximum GPM, which saves balancing time at the jobsite. Proper sizing is extremely important for accurate control, because once the system gets out of a specific valve's operating differential pressure control range, the valve becomes a fixed orifice device and you're no longer limiting the flow.

Some flow limiters have dials that allow them to be adjusted for a specific flow once they are installed. This eliminates the time-consuming process of matching up valves to specific floors or equipment and provides an extra bit of flexibility when it comes to operating flow range.

Pressure independent control (PIC) valves combine the functionality of a balancing valve, control valve and a differential pressure regulator all into one valve body. We recommend using a valve that maintains its full stroke capability despite any preset maximum flow rate; therefore, the valve maintains full authority under all load conditions.

PIC valves incorporate a spring loaded differential pressure regulator, which constantly adjusts and compensates for fluctuations in system pressure. This internal element responds to pressure changes by moving up or down to maintain a constant flow despite these fluctuations. That is the key benefit of PIC valves - a change in differential pressure does not cause a change in flow!

PIC valves do not merely limit flow; they keep flow at a specific setting depending on the signal to the control valve. This eliminates underflows and overflows through the coil and ensures a much more consistent energy transfer. Figure 11 breaks out the functionality within the PIC, including the balancing, control, and differential pressure regulation.

To understand the operation of the PIC, let's assume we have installed the device on a coil sized for 900 GPM as shown. We have 34 PSIG entering the valve and 27 PSIG going out, meaning we have a 7 PSIG differential across the valve. The signal from the BMS is 8 volts to the valve actuator. We have 26 PSIG leaving the valve so the balance portion of the valve is absorbing 1 PSIG (Figure 11).

What happens if the demand drops in the zone next door, causing pressure to rise and subsequently increasing the entering pressure from 34 to 35 (Figure 12)? Keep in mind, the demand in the zone shown above has not changed; the control signal is still at 8 volts. However, the variation next door has created an increase in pressure differential across the control valve from 7 PSIG to 9 PSIG.

To keep things right within this zone and maintain proper flow, we need to reestablish a 7 PSIG differential across the control valve. The PIC responds to the current condition by throttling the balance portion of the valve to absorb the additional pressure – in this case increasing the differential from 1 PSIG to 4 PSIG, while also maintaining flow at 900 GPM (Figure 13).

If this gets confusing, think of the PIC as coming complete with a tiny pipefitter who is constantly receiving data from the BMS, as well as pressure and flow information, and swinging into action by throttling the valve as needed.

Only a change in load to a particular zone will result in a change in flow rate through the corresponding PIC valve. All this makes PIC valves the most accurate and efficient choice for variable speed pumping systems.

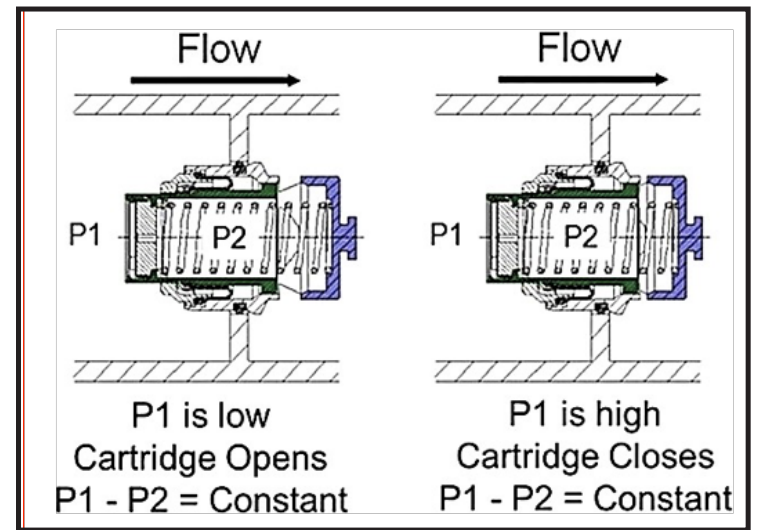


Figure 10

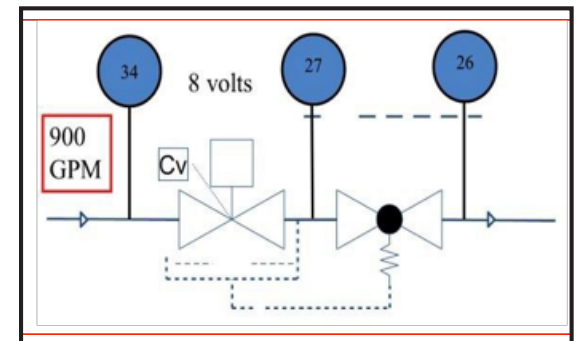


Figure 11

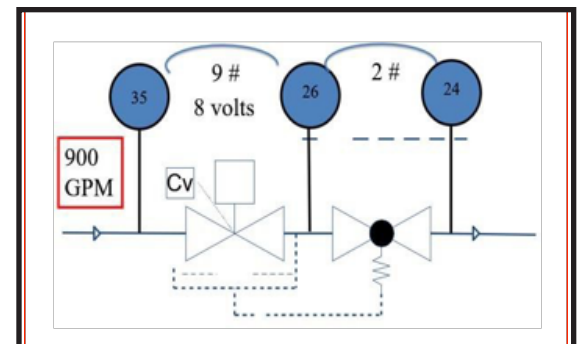
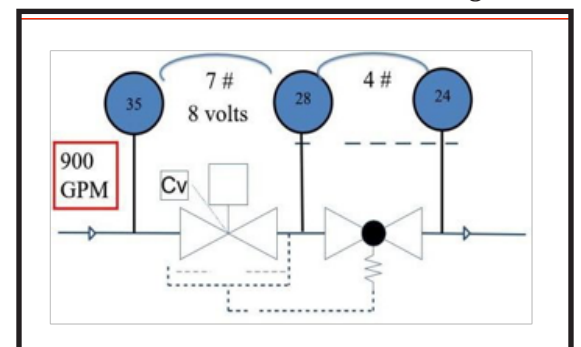


Figure 12



Memorial Day

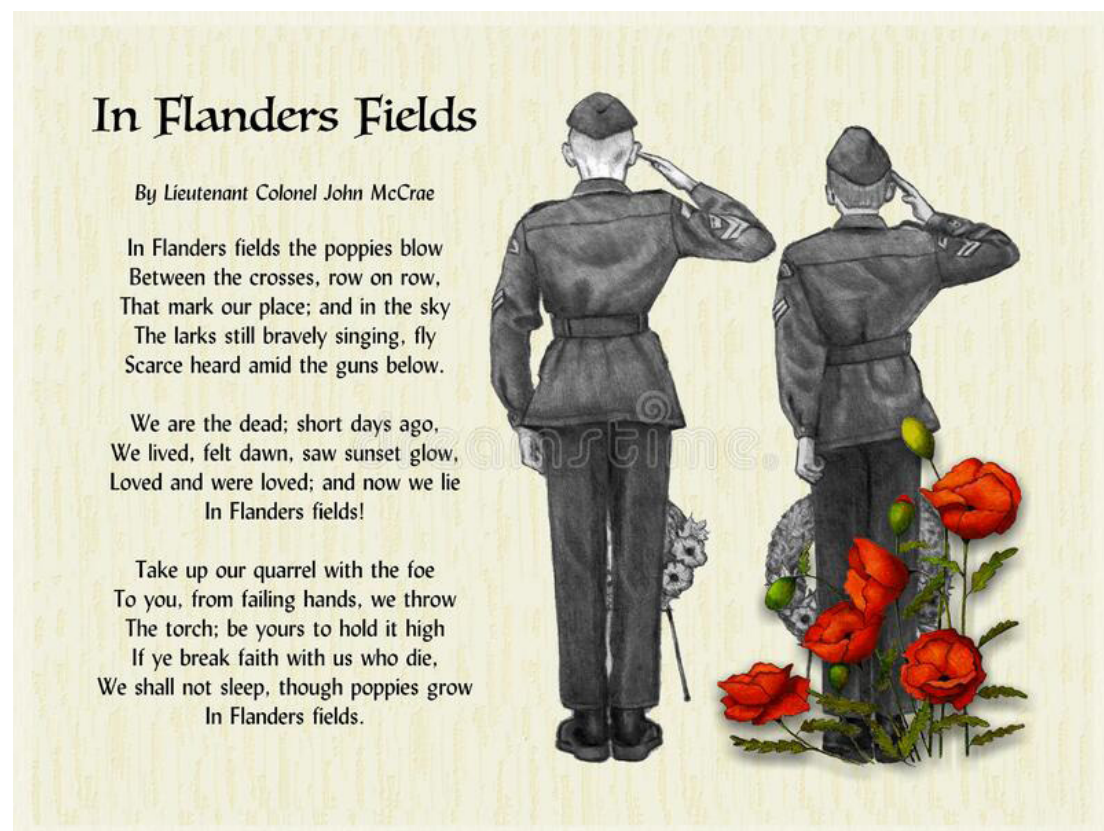
What is Memorial Day? It is so much more than cookouts, a day off from work or a trip with your family. First and Foremost, it is a Federal Holiday set aside to honor the millions of brave American men and women who gave their lives for our country. It is the day we pay homage to all of those who didn't come home. Memorial Day focuses on those who made the ultimate sacrifice which sets it apart from Veterans' Day, which honors all military veterans whether living and dead.

Memorial Day is always commemorated in the United States on the last Monday in May. Originally this day was set aside to remember Union soldiers who died during the Civil War, but following World War I, its scope expanded to include those who died in any war or military action. The name "Memorial Day," started cropping up from time to time, becoming more common after World War II. In 1967, it was declared the official name by Federal law.

On Memorial Day many Americans will wear a bright red poppy which symbolizes the ultimate sacrifice. Poppies are resilient causing them to grow in unfriendly landscapes, including battlefields. In the spring of 1915, just after a battle that resulted in the deaths of 87,000 allied soldiers, a brigade surgeon for an Allied artillery unit in Belgium, Lieutenant Colonel John McCrae, noticed the bright red flowers blooming in the otherwise barren Flanders Field. Struck by this sight and full of grief, he responded by writing a poem, "In Flanders Fields" from the perspective of those who had perished. The red color is not a symbol of blood, death, or support for war. Instead, poppies were the only flowers that grew in war-torn battlefields. When the country sides were nothing but mud and devastation, poppy flowers sprouted up and flourished. On September 27, 1920 the poppy became the U.S. national emblem of remembrance. In 1922, the VFW began supporting the poppy and in 1924 The American Legion followed suit.

Please take the time this Memorial Day to remember all the fallen heroes that made the ultimate sacrifice so that you and I could enjoy the freedom we all have today.

Kristie Payne



In Flanders Fields

By Lieutenant Colonel John McCrae

In Flanders fields the poppies blow
Between the crosses, row on row,
That mark our place; and in the sky
The larks still bravely singing, fly
Scarce heard amid the guns below.

We are the dead; short days ago,
We lived, felt dawn, saw sunset glow,
Loved and were loved; and now we lie
In Flanders fields!

Take up our quarrel with the foe
To you, from failing hands, we throw
The torch; be yours to hold it high
If ye break faith with us who die,
We shall not sleep, though poppies grow
In Flanders fields.

Emergency Alerts

When emergencies strike, public safety officials use timely and reliable systems to alert you. This article describes different warning alerts you can get and how to get them.

Wireless Emergency Alerts (WEAs)

Wireless Emergency Alerts (WEAs) are short emergency messages from authorized federal, state, local, tribal and territorial public alerting authorities that can be broadcast from cell towers to any WEA-enabled mobile device in a locally targeted area. WEAs can be sent by state and local public safety officials, the National Weather Service, the National Center for Missing and Exploited Children and the President of the United States.

- WEAs look like text messages but are designed to get your attention with a unique sound and vibration repeated twice.
- WEAs are no more than 360 characters and include the type and time of the alert, any action you should take and the agency issuing the alert.
- WEAs are not affected by network congestion and will not disrupt texts, calls or data sessions that are in progress.
- You are not charged for receiving WEAs and there is no need to subscribe.

If you are not receiving WEAs here are some tips to troubleshoot your mobile device:

1. Check the settings on your mobile device and review your user manual (you may be able to find this online too).

- Older phones may not be WEA capable, and some cell phone models require you to enable WEAs.
- Some mobile service providers call these messages "Government Alerts," or "Emergency Alert Messages."

2. Check with your wireless provider to see if they can resolve the issue.

- All major phone providers and some smaller providers participate in WEA.
- Federal Communications Commission (FCC) registry of WEA providers.

To provide comments or concerns about WEAs sent in your area contact local officials directly.

Emergency Alert System (EAS)

The Emergency Alert System (EAS) is a national public warning system that allows the president to address the nation within 10 minutes during a national emergency. State and local authorities may also use the system to deliver important emergency information such as weather information, imminent threats, AMBER alerts and local incident information targeted to specific areas.

- The EAS is sent through broadcasters, satellite digital audio services, direct broadcast satellite providers, cable television systems and wireless cable systems.
- The President has sole responsibility for determining when the national-level EAS will be activated. FEMA and the FCC are responsible for national-level tests and exercises.
- The EAS is also used when all other means of alerting the public are unavailable.

NOAA Weather Radio (NWR)

NOAA Weather Radio All Hazards (NWR) is a nationwide network of radio stations that broadcast continuous weather information from the nearest National Weather Service office based on your physical location.

NWR broadcasts official warnings, watches, forecasts and

Schools must be extra vigilant against mass shootings in April

By Patrick V. Fiel, Sr.

The month of April has become one of the deadliest months for campus massacres and homegrown terrorist activities in the U.S.

We've seen it before with tragic events that seared the names of campuses into our minds — April 2, 2012, Oikos University: 7 deaths and 3 injured; April 16, 2007, Virginia Tech: 33 deaths and 23 injured, and April 20, 1999, Columbine High School: 15 deaths and 21 injured.

Unfortunately, there is a concern over potential lone wolves or copycats who will try to make history at the expense of others during the month of April. Past shooters have had a fixation with the Columbine shooting for the past 24 years. A big change from the Columbine shooting is that today we have social media: Facebook, Twitter, Instagram, and other sites to allow easy access to both research past shootings and post about potential future shootings.

Be Ready to Protect

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Press Release

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vesting in community college and four-year universities. It also provides increased funding for credentialing, internships, and pre-apprenticeships to help people move directly into good-paying jobs.

The budget supports proven economic development investments with funding for additional megasite development, local government grants, downtown revitalization grants, and state-supported innovation programs.

Bolstering Mental Health Services and Programs

The Governor's budget confronts the urgent mental health and substance use crisis by investing \$1 billion of the Improve Health Outcomes for People Everywhere or "IHOPE" fund as he announced last week. The plan focuses on three areas: making mental health services more available when and where people need them; building strong systems to support people in crisis and people with complex behavioral needs; and enabling better health access and outcomes with data and technology.

Other investments in supporting mental health include additional school counselors and psychologists, a juvenile justice residential crisis unit, and higher education programs such as mental health first aid.

Public Safety and Violent Crime Prevention

The Governor's budget bolsters public safety and prevents violent crime by investing in school safety grants, support for local law enforcement, and community-based violence prevention programs. It also supports violence and gang prevention strategies while investing in the expansion of successful re-entry and community supervision programs.

Building Healthy, Resilient Communities

The Governor's budget invests in building healthy and resilient communities by stabilizing operations at rural hospitals and supporting health professionals in rural and underserved areas, investing in aging in place and affordable housing programs for seniors, and tackling housing barriers for North Carolina's workforce, families, veterans and people with disabilities.

The budget makes significant investments in resilience programs over the biennium, including flood mitigation, floodplain buyouts, streamflow rehabilitation and flood risk reduction acquisition projects. It also invests in improving power substation resiliency and supports the preservation of natural areas, waterways, and farmlands while assisting landowners with water quality, agricultural, and forestry best practices through state cost share programs.

The budget proposes at least \$5 million to support the people of Canton and western North Carolina following Evergreen Packaging's announcement of its intention to close the century-old paper mill that is a major employer in the community.

Ensuring Excellent Services for North Carolinians

As recruitment and retention of state employees continues to be a challenge, the Governor's budget makes the largest investment in state employees in 50 years by providing a comprehensive compensation package to ensure state agencies can compete for talent. The budget implements a 5% across the board raise for state employees in the first year of the biennium and another 3% in the second year. It provides an additional 1.5% raise in the first year to employees in step plans and it provides funding to agencies to increase pay and bonuses even further for hard to fill jobs. It also provides one-time bonuses to state employees, more vacation time, and converts longevity pay into retention pay.

Prioritizing Tax Fairness while Saving for a Rainy Day

The Governor's budget implements tax breaks for middle class families and maintains recently reduced tax rates for the wealthy and corporations. State tax revenue projections for future years level off dramatically so in order to support strong communities, everyone should pay their fair share.

While our state is growing and revenues are strong, it is important to be prepared. The Governor's budget keeps nearly \$7 billion in reserves in case of a downturn.

Office of State Budget and Management

Budget Recommendations FY 2023-25

To see the complete presentation go to this link <https://www.osbm.nc.gov/fy2023-25-budget-rec-appropriations-presentation/download?attachment>

Emergency Alerts

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other hazard information 24 hours a day, seven days a week.

- NWR also broadcasts alerts of non-weather emergencies such as national security or public safety threats through the Emergency Alert System.

FEMA Mobile App

The FEMA App allows you to receive real-time weather and emergency alerts, send notifications to loved ones, locate emergency shelters in your area, get preparedness strategies and more.

- Receive real-time weather and emergency alerts from the National Weather Service for up to five locations nationwide.
- Find a nearby shelter if you need to evacuate to a safe space.
- Find out if your location is eligible for FEMA assistance, find Disaster Recovery Center locations, and get answers to your most pressing questions.

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Schools must be extra vigilant against mass shootings in April

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School administrators, staff, students, and parents need to be extra vigilant during this month. While attacks on campuses have garnered the most attention, we have to be ready to protect students and employees.

Before taking any action or spending money on security, one of the most important steps school administrators can take is to request a campus security review from a qualified school security expert who can help design a full security plan for securing the entire campus.

The review will identify security strengths and weaknesses. The entire process is designed to reduce incidents and try to anticipate any emergencies that might occur at their school or campus.

The results of these assessments serve as the initial phase to develop a strategic plan. The review will help reduce incidents and possibly prevent potential liabilities.

School superintendents should take immediate action and implement a closed-campus policy and review their emergency/crisis plans and lockdown procedures.

Schools must also hold appropriate safety/security drills with emergency responders, and practice responses to different emergency situations, e.g., active shooter.

All schools need to have a permanent School Resource Officer (SRO) assigned and additional SROs as needed.

Additionally, all schools -- especially elementary schools -- should be secured at all times.

The main campus entrance should be controlled using security glazing film to all first-floor doors and window glass. Start with door glass first and continue until all first-floor glass is secure. All entry, exit, and classroom doors should be locked throughout the day.

Allow access only to those who belong on campus. Once a visitor is approved to enter the building, he or she must be directed or escorted to the main office.

Before a temporary badge is printed for the person to wear at all times while on campus, he or she must show government-issued identification.

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District Three Golf Tournament Save The Date



WEDGEWOOD PUBLIC GOLF COURSE WILSON, NC
FRIDAY, OCTOBER 27, 2023
RAIN DATE – FRIDAY, NOVEMBER 3, 2023
1 PM SHOTGUN START

NCPSMA Annual Golf Tournament District III Superball Tournament

DATE: October 27, 2023

RAIN DATE: November 3, 2023

PLACE: Wedgewood Golf Course 3201 Old Stantonsburg Road, Wilson, NC

Entry Fee: \$50.00 per person
 \$200.00 per team

(THIS INCLUDES: GREEN FEE, RANGE BALLS, CART & LUNCH)

ALL CHECKS: PAYABLE TO: NCPSMA DISTRICT III

REGISTRATION FORM and PAYMENT FOR HOLE SPONSORSHIP AND TEAMS ARE DUE BY OCTOBER 21, 2022

!!!!!!!!ATTENTION!!!!!!!!

!!!!!!IF PAYMENT IS NOT RECEIVED BY THIS DATE YOU CANNOT PARTICIPATE!!!!!!

LUNCH AT NOON

Shotgun start at 1:00 PM

Hole Sponsorship: \$100 per hole

Prizes Include:Low Score, Closest To Pin, Longest Drive

Mulligan's: \$5.00 Each (MAX) 2

COMPLETE:

Team Name: _____

Team Players Names: _____

Address: _____

School Unit or Company: _____

RETURN TO:

Wilson County Schools – Maintenance Department
 PO Box 3878, Wilson, NC 27895
 Attention: Sue Farmer-Golf Tournament
 Phone – 252-399-7823
 Fax – 252-243-7197
 Email: sue.farmer@wilsonschoolsnc.net

Top Considerations When Selecting a Waste Management Vendor

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for waste pickups, lack of staffing at disposal facilities, and delays in waste processing. As these factors can impact existing vendors, facility managers should monitor the service they are receiving from any current vendor.

Make sure to allow enough time to move waste material. For large quantity generators (LQGs) that generate 1,000 kilograms (approximately 2,200 pounds) per month, often there’s a 90-day window to dispose of the waste. To avoid last-minute rush changes, develop another plan that includes the use of alternate disposal facilities and transportation.

With various delays and labor shortages, sometimes the solution is as simple as having clear and constant communication with your vendor. Contact your vendors often and ask if they are experiencing delays. If so, requesting a storage extension might be necessary to maintain compliance. File storage extensions with the U.S. Environmental Protection Agency (EPA) or local state agencies.

End goals

Always look for ways to improve systems and processes that produce waste byproducts or affect waste management within an organization. Find a vendor that will be a long-term waste management partner, one that can help identify and process waste streams in the most sustainable manner possible—now and in the future—to help your company and customers meet their sustainability goals.

At the end of the day, a partnership can make or break an organization. That’s why it’s important to conduct thorough research before you chose a vendor, ask questions, and schedule thorough audits. Using the techniques discussed in this article, facility managers can establish and maintain strategic, beneficial relationships with reliable waste management vendor partners.

Cheryl Coffee
 CLEAN EARTH’S SENIOR DIRECTOR OF ENVIRONMENTAL AND COMPLIANCE

As Clean Earth’s Senior Director of Environmental and Compliance, Cheryl Coffee manages the daily compliance for numerous Clean Earth sites across the United States, including several RCRA-permitted facilities and approximately 30 other processing facilities focused on specialty waste streams. Coffee is responsible for the overall management and renewal of operating permits, vendor audits, environmental reporting, and the corporate-wide environmental management program. To learn more, visit www.cleanearthinc.com.

Reprinted from CMM – Cleaning & Maintenance Management (<https://cmmonline.com/articles/top-considerations-when-selecting-a-waste-management-vendor>)

Submitted by Donna Fields, Cumberland County Schools

Thunderstorms & Lightning

Lightning is a leading cause of injury and death from weather-related hazards. Although most lightning victims survive, people struck by lightning often report a variety of long-term, debilitating symptoms.

Thunderstorms are dangerous storms that include lightning and can create or cause

- Powerful winds over 50 mph
- Hail
- [Flash flooding](#) and/or [tornadoes](#)

Prepare for Thunderstorms & Lightning

Know Your Risk

Know your area's risk for thunderstorms. In most places they can occur year-round and at any hour. Sign up for your community's warning system. The [Emergency Alert System \(EAS\)](#) and [National Oceanic and Atmospheric Administration \(NOAA\) Weather Radio](#) also provide emergency alerts.

Strengthen Your Home

Cut down or trim trees that may be in danger of falling on your home. Consider buying surge protectors, lightning rods or a lightning protection system to protect your home, appliances and electronic devices.

Make an Emergency Plan

Create an [emergency plan](#) so that you and your family know what to do, where to go and what you will need to protect yourselves from the effects of a thunderstorm. Identify sturdy buildings close to where you live, work, study and play.

Stay Safe During Thunderstorms & Lightning

- If you are under a thunderstorm warning:
- **When thunder roars, go indoors!** Move from outdoors into a building or car with a roof.
- Pay attention to alerts and warnings.
- Avoid using electronic devices connected to an electrical outlet.
- Avoid running water.
- **Turn Around. Don't Drown!** Do not drive through flooded roadways. Just six inches of fast-moving water can knock you down, and one foot of moving water can sweep your vehicle away.

Stay Safe After Thunderstorms & Lightning

- Pay attention to authorities and weather forecasts for information on whether it is safe to go outside and instructions regarding potential flash flooding.
- Watch for fallen power lines and trees. Report them immediately.

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Remember -
our fallen heroes.
They are the reason
that we are free.

A Mother's Love

A Mother's love is something
that no one can explain,
It is made of deep devotion
and of sacrifice and pain,
It is endless and unselfish
and enduring come what may,
For nothing can destroy it
or take that love away,
It is patient and forgiving
when all others are forsaking,
And it never fails or falters

— Helen Steiner Rice



Schools must be extra vigilant against mass shootings in April

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Any plan will undoubtedly include security technology, but no single security implementation will protect a school; true protection comes from many layers of security protocols and processes.

Make Sure it Works

It is imperative to test your communication/fire systems frequently, including the PA system, phones, radios, duress buttons, fire alarms and other devices.

Cameras in and around schools have proven to be a strong deterrent and very effective in helping to ensure policies and procedures are being followed, as well as in assessing incidents after the fact. They also provide critical live insight for first responders during an emergency situation.

It is impossible to predict where the next active school shooting will occur, yet all schools must be prepared to take preventative measures to mitigate damages from an active shooter.

Let's all work together to provide a safe secure school environment for our students and teachers. Patrick V. Fiel Sr. is a national security expert specializes in providing schools with a holistic security approach that creates a solid foundation for establishing or improving security policies, practices, and procedures.