

Butler County EMA

EMERGENCY MANAGEMENT MONTHLY



GRAIN BIN RESCUE CLASS OFFERED TO LOCAL FIRST RESPONDERS

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May - June 2018

Training Opportunities:

- July 9—ToxMedic
- July 23-24—Radiological Training for Emergency Responders
- August 16—HazMat IQ: Above/Below the Line
- August 28-30—L426 Building a Roadmap to Resilience
- October 2—OH-101 Developing and Maintaining EOPs
- November 5-9—L388 Advanced PIO

Information for registering for any of the above courses can be obtained on our website at butlercountyohio.org/ema

Butler County EMA

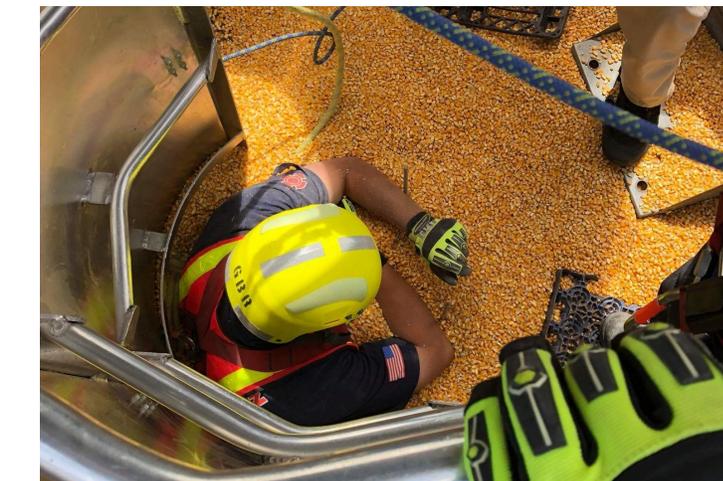
315 High Street, Suite 670
Hamilton, Ohio 45011
Office (24 Hr) - (513) 785-5810
EMA Hotline - (513) 785-5800

Butler County EMA Mission Statement

Coordinating people and resources to protect the lives and property within Butler County by working together to achieve one goal for Mitigation, Preparedness, Response, and Recovery for Disasters and Emergencies

Local first responders are being trained on grain bin rescue techniques thanks to the Ohio Fire Marshal's Office, The Ohio State University (OSU) Extension Agricultural Safety and Health Program and the Ohio Fire Academy. Instructors from the Ohio Fire Academy arrived in Butler County along with the Ohio Fire Academy's "Grain Comprehensive Ag Rescue Trailer (CART)" which provides students an opportunity to perform complex rescue techniques in safe, controlled environments.

According to the OSU Extension, "every 10 years, 235 farmers lose their life in an agricultural-related incident. Grain bin fatalities are steadily increasing each year. Such fatalities occur for a variety of reasons with the two most common being suffocation by engulfment and entanglement with moving parts." The Ohio Fire Academy's Grain Bin Rescue Training was de-



Staff from the Oxford Fire Department perform simulated grain bin rescues during training

signed to provide training to Ohio's Fire Departments to combat these two primary causes of grain bin fatalities.

Students in the eight-hour course receive four hours of classroom instruction on Grain Bin Rescue Techniques, followed by four hours of hands-

on rescue training. Students were provided the opportunity to perform simulated rescues in both silo-type storage facilities and grain hopper trailer conditions.

The Grain Bin Rescue Class was brought to Butler County through a collaboration between several county agencies, departments and local businesses. Local fire departments, including Fairfield Township Fire Department and Wayne Township Fire Department, were instrumental in requesting and securing the course through the Ohio Fire Academy. Additionally, the Butler County Fair Board provided the Butler County Fairgrounds as a training location and grain for training was provided by Brubaker Grain & Chemical.

Butler County EMA would like to thank these agencies, departments and organizations for their help in making Butler County a safer place to live, work and play. ■



The Ohio Fire Academy's Grain CART provides first responders an opportunity to train for grain bin rescues in controlled environments.

BUTLER COUNTY EMA AWARDED THE 2018 HAZARDOUS MATERIALS EMERGENCY PREPAREDNESS GRANT

Butler County EMA is proud to announce award of the 2018 Hazardous Materials Emergency Preparedness (HMEP) Grant. Butler County was awarded over \$9,500 to provide training to first responders in Butler County and the Southwest Ohio region. This grant will be used to provide two training courses relating to hazardous materials incidents.

Butler County will host the HazMat IQ: Above the Line/Below the Line Course and the ToxMedic Course as a result of this grant award. According to Federal Resources, the contractor for both courses, the HazMat IQ: Above the Line/Below the Line Course is a “patented program developed by experienced hazardous materials responders, taught in a straightforward, easy to understand methodology. This cornerstone course, lays the

foundation for all HazMatIQ Courses. Through the use of simplified flow charts, personnel are able to safely and efficiently respond to any known or unknown chemical/mixture. Students will be trained to size-up (physical state, hazards, initial hot zone, correct meters and PPE) of any chemical in seconds. The system use a streamlined methodology to build upon the initial size-up, preparing them to immediately go to work when they arrive on a Hazardous Materials/WMD event.”

The HazMatIQ Tox-Medic Course is a specialized EMS training program designed to give medics the knowledge and confidence required to provide advanced life support care including anti-dote administration, to patients suffering from a hazmat/WMD exposure.”

The image shows the HazMatIQ logo with the tagline "Protecting Those Who Protect Us All" and contact information. Below the logo is a periodic table of elements. Overlaid on the table are two charts: "Below The Line" (Chart 4) and "Above The Line" (Chart 3). Chart 4 lists properties like "10 Second Size-Up", "Solid - Initial HotZone 75'", "Dust heavier than air", "NO Flashpoint", "NO LEL-UEL", "NO Flammable - NO CH", "NO Polymerize", "NO Toxic Potential", "YES Base & Fluorine", "YES Radioactive", "YES Toxic - mg/m³", "YES FTR & Raman", and "Continue on to Chart 4". Chart 3 lists properties like "10 Second Size-Up", "Gas - Initial HotZone 300'", "Vapors heavier than air", "YES LEL-UEL", "YES Flashpoint", "YES Flammable - YES CH", "YES Polymerize", "YES Toxic Potential", "YES Acid & Fluorine", "YES Radioactive", "YES Toxic - ppm", "YES FTR & Raman", and "Continue on to Chart 3". To the right of the charts is a small graphic titled "Train With Us Everywhere" with a QR code and website information.

Provided through the Pipeline and Hazardous Materials Safety Administration (PHMSA), the HMEP grant “is funded by registration fees collected from hazardous materials (hazmat) shippers and carriers who offer for transportation or transport certain hazmat in intrastate, interstate, or foreign com-

merce in accordance with 49 CFR Part 107, Subpart G. These fees fund the three hazmat grants, monitoring and technical assistance, curriculum development, and the development of the Emergency Response Guide (ERG).” For more information, go to butlercountyohio.org/ema/

2018 MASS CASUALTY PLAN (MCI) UPDATE

During the fall and winter of 2017, the Butler County EMS Council began an update of the Butler County Mass Casualty Response Plan. This plan was created nearly a decade prior and a lot has changed since then. Now we are facing the ever increasing threats to “soft targets” in our country and Butler County is not immune to this. When an MCI event occurs, whether that be terrorism, a bus crash, or building collapse, it takes a multi-jurisdictional response to save lives. With these events minutes count. Having a clear communication and an understanding of response capabilities are the two main factors to an effective response. This County

wide MCI Plan lays out the different levels of activation and resources which accompany each. It also has some very beneficial job aids in the rear of the plan such as position checklists and communication cheat sheets. This plan has been adopted by the Butler County EMA, EMS Council, Fire Chiefs, Police Chiefs, Hospital Summit, and 800 Communications Committee. It has been shared with our neighbor counties and this latest revision incorporates some standard practices such as ribbon colors, triage terms and the updated MCI 3 and 6 regional disaster net channels. More information on the MCI Plan can be found at [http://](http://www.butlercountyohio.org/ema/)

www.butlercountyohio.org/ema/ and free in house training can be scheduled through Ryan Burke at ryan.brke@uchealth.com In the last five years we have begun to update the (3) MCI Trailers in Butler County as well as distribute more of the personal MCI bags. This project continues and hopefully future State Homeland Security Grant dollars can be used to help finish out stocking every first our fire and ems unit in the County. As a regional project this would carry over to our neighboring counties as well. In 2017 EMA worked with the communities in the County to revise the Natural Hazards

Mitigation Plan which reevaluated the relevant natural threats we face and focuses on mitigating actions to less the impact to our residents. Nationally, FEMA has looked at the rising costs of disasters and updated the cost benefits of mitigation. 4:1 was the previous standard for every dollar spent to mitigation natural hazards in the community. As of 2018 this figure is around 6:1 with specific mitigation actions even higher. The full version of current Mitigation Plan can be viewed on the EMA webpage or copies can be made at your request.■