



LEMA LEDGER

Quarterly Newsletter of the Lancaster County Emergency Management Agency

JANUARY 2019 — "ALWAYS BE READY!"

2019 EVENTS:

LEPC MEETING SCHEDULE

February 7, 2019

April 4, 2019

June 6, 2019

August 1, 2019

LEPC Meeting's are open to the public and are held at 1pm at the Lancaster County Public Safety Training Center.

QUARTERLY TRAINING

Topics to be determined. Keep an eye out for LEMA emails on program content; and any registration requirements.

Quarterly Training sessions start at 7pm and are held at the Lancaster County Public Safety Training Center.

Colvin Appointed New EMA Director

In July 2018, the Lancaster County Board of Commissioners appointed Philip A. Colvin as the new Director of the Lancaster County Emergency Management Agency. The position had been vacant since April when Randy Gockley retired after 30 years of service with the agency.

Colvin has a long history with the county. He started as a telecommunicator with Lancaster County-Wide Communications in 1983 leaving in 1991. He was hired by the Lancaster County Emergency Management Agency in 1992 and served as the Deputy Director under Gockley.

Colvin's vision for LEMA's future is enhancing WebEOC and technologies; bolstering local emergency management coordinator training and involvement; and developing a robust social media presence.

Colvin inherited a depleted EMA staff as upon his appointment, the Deputy Director position was vacant ; the retirement of Brenda Pittman in early 2018 and the resignation of Dave Boucher in October 2018. For several months the department was down to four (of seven) staff members. New staff has and is being hired and will continue its mission and reputation for providing valuable service to the county.

Colvin has been a volunteer firefighter for more than 35 years. He started with the Florin Fire Company of Mount Joy and served as fire chief for several years until the consolidation with the now Fire Department Mount Joy (FDMJ). He served as chief of FDMJ for two



Philip A. Colvin, was appointed Director of the Lancaster County Emergency Management Agency in July 2018.

years and is currently a Trustee of the fire department.

Colvin is a member of the Pennsylvania Urban Search and Recue Team along side of his certified search dog Lucy. He is also a member of the South Central Task Force Incident Management Team.

Colvin lives in Mount Joy with his wife of 26 years, Christine. Congratulations to Phil on his promotion.

New LEMA Staff

2018 saw many LEMA staff departures resulting in vacancies in the Deputy Director, Training Coordinator and EMS Coordinator positions. Recently the Deputy Director and Training Coordinator positions were filled. The third position has been rewritten as a Public Affairs and Volunteer Coordinator of which at the printing of this newsletter was posted for applicants. Below is an introduction of the new LEMA staff. Welcome to LEMA Dan and Tammi!



Deputy Director Dan Scully started on October 29, 2018.

Deputy Director Dan Scully

Dan Scully is the new Deputy Director of LEMA. Dan previously served with the County of Dauphin's Department of Public Safety for 24 years in various roles starting as a 911 Telecommunicator, 911 Quality Improvement Coordinator, Radiological Planning and Training Coordinator and most recently the EOC Specialist. His commitment to public service started in the late 80s in EMS, followed by the fire service in the early 90s and eventually hazmat in the late 90s. While not directly involved in law enforcement he served on the Capital Area Forensics Unit (Dauphin/Cumberland combined team) as a sworn Special Detective, supporting the team as a Hazmat Technician. In 2007 he took a small "sabbatical" from Dauphin County to join the private sector as a Technical Instructor for Intergraph, the CAD vendor for Dauphin County 911.

His goals in this new position include helping Colvin advanced the agency forward and to build relationships and friendships throughout the county.

Dan lives in Middletown with his wife, Angel, and son, Cameron. His hobbies include videography and magic. Dan looks forward to meeting and working with you for many years to come. His door is always open. You may reach him via email, dscully@lancema.us, or by office phone, 717-664-1201 or cell, 717-388-0727.

Training Coordinator Tammi Snedeker

Tammi Snedeker is the new LEMA Emergency Planning and Training Coordinator. She previously worked in Beaufort County, South Carolina as a 911 Dispatcher. She holds a degree in Emergency Management and Homeland Security and completed specialty studies in Humanitarianism and Disaster Psychology. She was directly involved in her local Community Emergency Response Team (C.E.R.T.). She participated in many exercises as well as planned many events from tabletop exercises to full scale exercises in disaster response. She set the foundation for a Teen CERT program in her local area for high schools. She belongs to Consortium for Humanitarian Service and Education which is an organization managed by multiple postsecondary education universities that teaches disaster response and humanitarian response on a full scale platform to college students. Her experience with this consortium has provided her with great connections worldwide.

Tammi's goals include expanding her working relationships, assisting local municipal coordinators with certification training and facilitating real-world and meaningful exercises.

Tammi lives in Hershey with husband John, daughters Bryann and Emily, and son Christian. Her family enjoys the outdoors and like to engage in hiking, kayaking or anything that keeps them moving. If you have any questions, concerns or requests she is always willing to help. You can reach her via email at tsnedeker@lancema.us; by office phone at (717) 664-1205; or by cell phone at (717) 489-2792.



Training Coordinator Tammi Snedeker started on November 13, 2018.

EOC RENOVATIONS

The Lancaster County Emergency Operations Center (EOC) is currently undergoing a significant renovation project to enhance incident coordination and support. The \$64,000 project includes all new lighting, new audio-visual equipment, larger status boards and a sound system (which the EOC did not have).

The EOC was constructed in 2000. Other than some furniture and computer changes, the EOC was virtually unchanged. The changes are necessary to support evolving technologies and to enable career and volunteer staff to carry out their duties more effectively and efficiently.

The renovation project will be done ahead of the April 2019 Three Mile Island Exercise.



Current view of Lancaster County EOC. Photo by Eric G. Bachman

CHEMICAL REPORTING PERIOD OPEN Deadline to Report is March 1



Tier II reports reflect total-onsite quantities of each material regardless of package type and size. Photo by Eric G. Bachman

After January 1 and before March 1, facilities that use, store or manufacture certain hazardous substances at or above specific quantity thresholds must submit a Tier II Chemical Inventory Report. This is a federal requirement under the Superfund Amendment Reauthorization Act of 1986, specifically in Title III most commonly known as the Emergency Planning and Community Right-To-Know Act (EPCRA).

The reports list the chemical inventories during the previous calendar year and are to be filed with the State, County and local fire department. No changes have been made to the reporting criteria so the report format should be similar to last years submissions.

Tier II reports, if not frequently reviewed, can be confusing. LEMA provides training to local fire departments on how to interpret the reports and reviews the capabilities and limitations of the annual report.

The free program is entitled First Due Chemical Intelligence (FDCI) and is approximately 2.5 hours—ideal for an evening company level training night. To schedule or for more information on the FDCI program contact Eric Bachman at ebachman@lancema.us.

LEMA reviews each report to identify facilities with hazardous substances deemed as an Extremely Hazardous Substance (EHS). A facility with an EHS is required to have an Off-Site Emergency Response Plan that addresses off-site release consequences.

In 2018, for the 2017 reporting year, LEMA received chemical reports from 325 facilities reporting the use of more than 1,100 chemicals.

In-Service

Atlantic Sunrise Pipeline Goes On-Line

On Saturday October 6, 2018 the Atlantic Sunrise natural gas pipeline went into full operation after receiving approval from the Federal Energy Regulatory Commission (FERC).

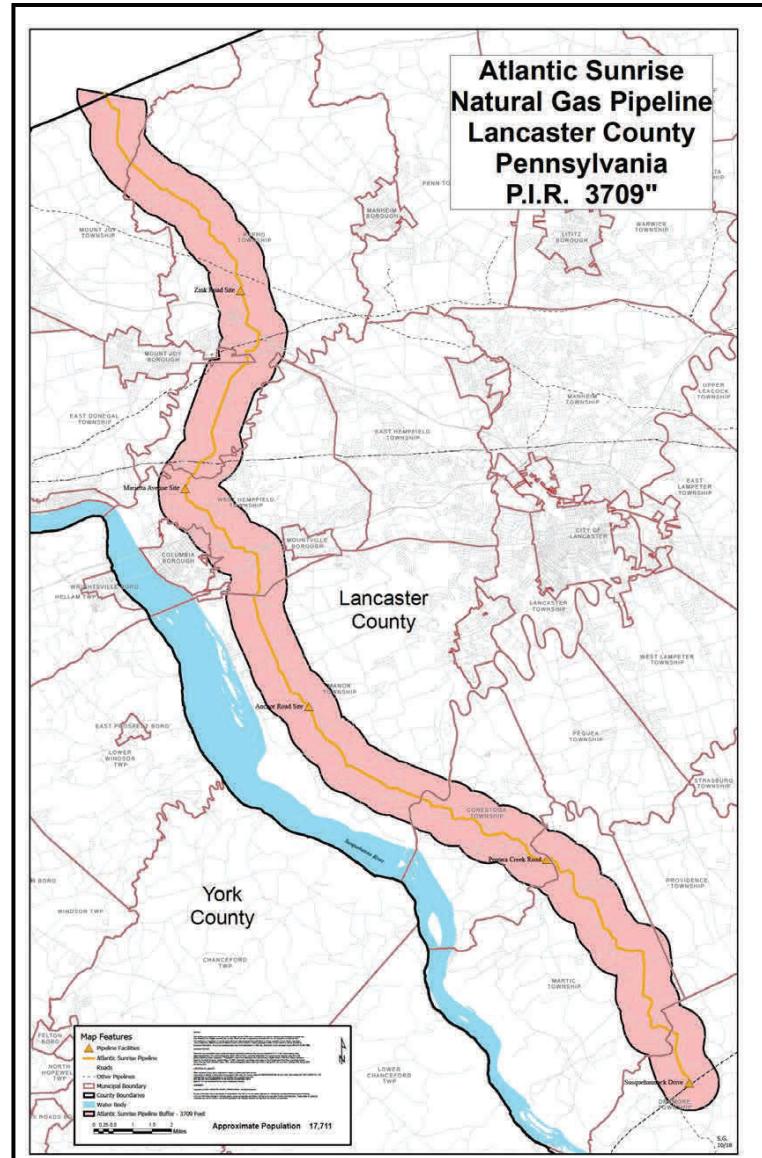
In the weeks leading up to going into service, Williams Partners conducted sectionalized testing and air purging to ensure integrity of the 37 mile 42 inch high pressure natural gas pipeline through Lancaster County.

LEMA Staff, with the assistance of the Lancaster County Geographic Information System (GIS) Department, has mapped the potential impact radius along the 37 mile corridor to assist local emergency response personnel in preparing for potential emergencies. These maps were incorporated into the December 2018 update of the Transmission Pipeline (TRAP) Emergencies Plan which was recently updated and approved by the Local Emergency Planning Committee (LEPC).

Distribution of the updated plan is ongoing to specific emergency response stakeholders. The TRAP Plan training program is also being updated and will be available for delivery to first due agencies after the first quarter of 2019.



Finishing touches on landscaping and security of valve sites along the corridor is on-going. Photo by Eric G. Bachman.



Atlantic Sunrise Pipeline corridor spans the county from Lebanon County and terminates at a site near Muddy Run. Map by Lancaster County GIS.

Williams Partners has confirmed that the product in the Atlantic Sunrise Pipeline is Odorized for rapid detection in the case of a leak.

Pipelines In-Service

-Projects Winding Down-



Rock Springs Lateral project—1900 block of Cherry Hill Road—Fulton Township. Right-Of –Way restoral with return of vegetation. Photo is looking from Cherry Hill Road, northwest across Arcadia Trace Road (at base of hill—center). Photo by Eric G. Bachman



Atlantic Sunrise Project - 1000 block Susquehannock Drive—Martic Township. Top soil replaced. Pipeline right of way in photo can be seen top right, and down hillside. It cross under Holtwood Road; dog legs around the home; then under the 1000 block of Susquehannock Drive; then continues south. Photo by Eric G. Bachman



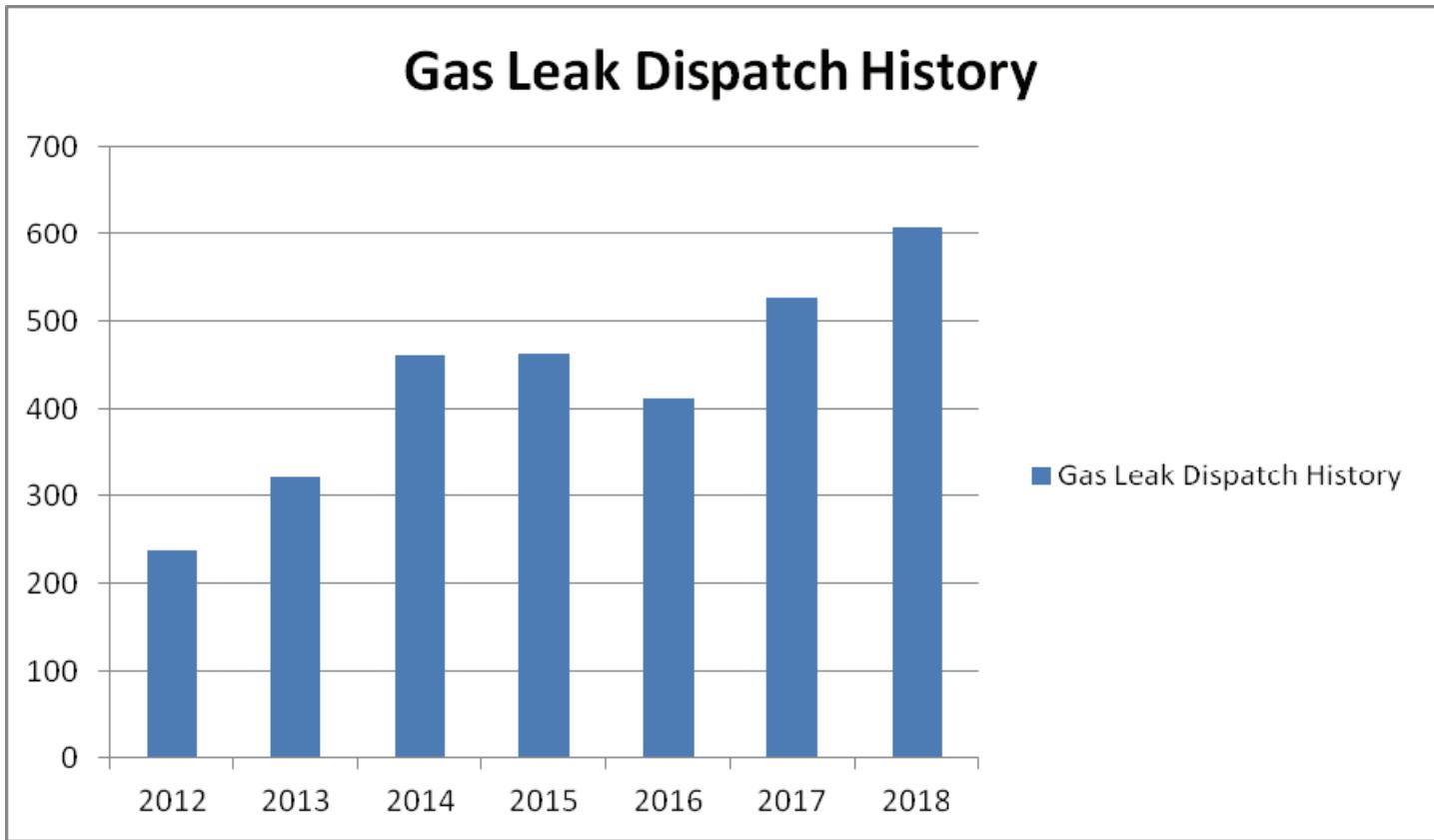
Atlantic Sunrise Project; 1300 block of Pennsy Road - Martic Township. Top soil replaced (before reseeding). North view looking from Lakewood Drive. Pennsy Road spans horizontal in middle of photo. Photo by Eric G. Bachman



Atlantic Sunrise Project—1200 block Silver Spring Road—Drumore Township. Grading and reseeding of hillside. Photo by Eric G. Bachman.

Gas On The Rise

Lancaster County fire departments saw a significant increase in the number of Gas Leak incident dispatches in 2018. There were 608 reported gas leaks compared to 238 in 2012. That represents a 61% increase in only a seven year span. Some incidents were Good Intent reports where the source was found to be 'natural agricultural processes.' The most common types and causes were leaks at meters and damaged service lines from third party excavators.



Lancaster County has experienced several significant distribution system natural gas leaks. On October 31, 2011, excavation crews struck an underground street main in Millersville Borough. Leaking gas found an ignition source and caused significant damage to a structure on Manor Ave that subsequently had to be torn down.

On July 2, 2017 in Manor Township's Springdale Farm Development a distribution system natural gas leak resulted in an explosion that killed one utility employee and injured two others. Numerous homes sustained significant damage. The cause was investigated by the National Transportation Safety Board (NTSB) who determined it was due to an improperly installed tapping tee assembly.

And in November 2018 on North Franklin Street in Lancaster City near McCaskey High School, a leaking distribution system underground natural gas pipe registered 100% of the Lower Explosive Limit (LEL) and deemed a "major gas leak." Power to 1,700 customer was cut for several hours to eliminate ignition sources until the leak could be isolated and repairs made.

Gas On The Rise—Continued

In Lancaster County the primary local distribution company is UGI Utilities Inc. who utilizes more than 1,100 miles of street main and service lines to supply its customers. Granger Energy of Honey Brook also utilizes underground infrastructure to distribute landfill gas to several businesses in eastern Lancaster County.

In 2016 the Lancaster County Emergency Management Agency and Local Emergency Planning Committee developed and distributed a natural gas preparedness document called the Distribution of Natural Gas Emergencies Plan (DINGE). The plan identifies specific distribution system infrastructure including regulator valves and farm taps, and provided initial protective action guidance for incidents at those locations. The plan does not include facility meters.



Distribution system regulator station along East Main Street in Mount Joy Borough. Photo by Eric G. Bachman

The DINGE plan provides Potential Impact Radius (PIR) maps for each identified distribution system structure. A challenge with the development of the DINGE plan was that UGI officials were not permitted to provide a location list of regulator and gate stations. Therefore the content of the DINGE plan reflects only those sites that have been noted by local fire officials and other observations. If you know of any such sites that are not in the DINGE plan, please advise Eric Bachman at ebachman@lancema.us.

These sites are often hidden in plain sight, but may not be adequately prepared for. The DINGE plan provides initial protective actions guidance using data from the Emergency Response Guidebook

and supporting PIR maps generated by the Lancaster County Geographical Information System (GIS) department. It is just as important and necessary to prepare for emergencies at these sites as for any other community hazard. LEMA is developing a special DINGE outreach training program.

A few years ago the Pennsylvania State Fire Academy endorsed a new training program entitled Responding To Utility Emergencies - Natural Gas. This four-hour class can be presented locally through Educational Training Agencies such as Bucks County Community College and Harrisburg Area Community College. This class can aid in developing Standard Operating Procedures for response to Natural Gas Emergencies.



Distribution system 'Gate Station' along Zeager Road in West Donegal Township. Photo by Eric G. Bachman



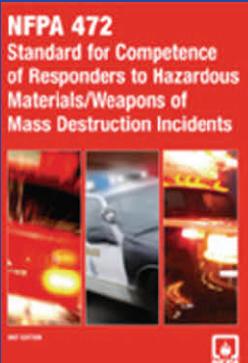
2019 HAZ MAT TRAINING

Local Level Training Programs

(For programs delivered and completed through September 30, 2019)

The Lancaster County Emergency Management Agency (LEMA) and the Lancaster County Public Safety Training Center (LCPSTC) have again partnered to sponsor haz mat training tuition costs to the county emergency services and with little paperwork. (Textbooks and expendable items are not included). As long as an accredited Educational Training Agency (ETA) is used and the minimum number of students is attained, LEMA / LCPSTC will absorb the tuition costs and file the necessary course application on behalf of your organization. All you have to do is complete the form (see page 13) and submit it to LCPSTC Fire Training Coordinator.

Please complete the Host Agency Name and Address and provide a Facility Contact including phone number and email address. Complete the other information as follows:



- Course section**: Check-mark the desired program. (Please use one form for each program)
 - Dates(s) and Time**: List the desired dates as well as the starting time of the first day if more than one day is necessary.
 - Educational Training Agency Section**: Check your organizations preference. The LCPSTC will file the appropriate course paperwork. If *No Preference* is checked, the ETA selected will be at the discretion of the LCPSTC Fire Training Coordinator.
 - Instructor Information**
 - If you have not located an instructor, the LCPSTC will attempt to locate an instructor for the desired dates and times listed. The desired dates and times are not guaranteed.
 - If you have contacted an instructor and coordinated and confirmed dates and times with him/her, please check this line and provide the instructor name.
 - Sign/Date the Form** and submit it to the LCPSTC Fire Service Training Coordinator via fax, electronically or by mail.
 - The LCPSTC will file the information to the appropriate ETA and confirm program delivery with the Facility Contact.
 - Your organization will not be required to complete any other paperwork nor will it be invoiced for the program (Exception: see last bolded statement ** below).
 - Please complete the form in full to avoid discrepancies or delays in scheduling a class.
 - Please note that the minimum student attendance is 10. Also, the maximum student attendance is 30 and students may be turned away if the maximum is exceeded.
 - The form should be submitted **no less than six-weeks before the desired start date of the class**. This is especially important if your organization has not contacted an instructor.
 - Each class sponsored through this program is considered an open class; meaning it will be listed on the LCPSTC Course Calendar with local point of contact for interested parties to contact for space availability. Rosters for these programs will be maintained by the hosting agency. The LCPSTC will not compile or maintain student rosters for these programs.***
 - It is the responsibility of the local point of contact AND the instructor to submit a final student attendance report to the Fire Training Coordinator at the LCPSTC within three days of course. This is necessary to support funding and reporting requirements.***
- **Host Agency may be invoiced and responsible for payment of the class if student attendance reports are not provided.**

**LANCASTER COUNTY
Emergency Management Agency and Public Safety Training Center
2019 HAZ MAT LOCAL LEVEL TRAINING REQUEST FORM**

For programs delivered and completed between 10-01-18 and 09-30-19

Host Agency: _____

Address: _____

Facility Contact: _____
 Name (Please Print) _____ Phone Number _____

Email Address _____

Course (Check-mark the Desired Program) – Complete separate form for each program desired.

- Haz Mat Awareness*** (HMA) (4 hours) – Minimum Age 14
- Haz Mat Awareness Refresher (HMAR) (2 hrs) -Minimum Age 14
- Haz Mat Operations*** (HMO) (24 hours) - Minimum Age 16
- Haz Mat Operations Refresher*** (HMOR) (6 hours)- Minimum Age 16

NOTE: **Minimum** Number of 10 students needed to conduct any program listed above.

Maximum Number of 30 students permitted for any class above.

*** - **Textbooks and expendable items are not included.** These items are the responsibility of the host (fire department) agency.

Date(s) / Times: Dates(s) _____
 (List all dates for the program if applicable)

Start Time (First Day): _____



Educational Training Agency (ETA) Preference

- Bucks County Community College
- Harrisburg Area Community College
- No Preference

Instructor Information

- Locate an instructor
- Instructor Contacted and Dates Confirmed by Host Agency

(Instructor Name: _____)

Facility Contact Signature: _____

NOTE: Signing this form acknowledges that the hosting agency will abide by all parameters listed on the instruction form including post-class attendance reporting. A fire department failing to submit the attendance report criteria will be invoiced for the course costs.

Today's Date: _____

Fax to 717-537-4196, or Email it to kweber@co.lancaster.pa.us ,
 or mail to LCPSTC c/o Ken Weber, 101 Champ Blvd., Manheim PA 17545
 This form is also available as a fillable pdf on the LCPSTC website.



YOU NEVER KNOW ALWAYS BE CAUTIOUS

2018 saw some unique incidents that should reinforce the need for preplanning and taking a cautious approach to “routinely dispatched” incidents. Below is a review of incidents with significant potential that occurred in Lancaster County.

- LANCASTER CITY: Rail car leaking butane in a rail yard.
- WARWICK TOWNSHIP: Structure fire at a facility that used anhydrous ammonia. Ammonia system components burned and crews encountered an ammonia vapor cloud.
- CLAY TOWNSHIP: Leaking propane from an 18,000 gallon above ground storage tank at a business resulted in evacuation of neighboring residents.
- EARL TOWNSHIP: Tote of Hydrofluoric Acid (an Extremely Hazardous Substance) breached from human error, exposing three employees at a fence manufacturing facility. Incident was dispatched as spill control.
- EPHRATA BOROUGH: Chlorine cylinder leak, due to human error, at a water treatment facility.
- WEST COCALICO TOWNSHIP: Tractor trailer crash carrying a mixed load of extremely hazardous substances.
- EAST HEMPFIELD TOWNSHIP: Chemical suicide at a residence—occupant died. Incident was dispatched as a gas leak.
- WEST HEMPFIELD TOWNSHIP: Pool chemical reaction from misuse. Incident was dispatched as an investigation.

HAZ MAT 2 ENVIRONMENTAL FIRE & RESCUE COMPANY

Haz Mat 2 is a state-certified hazardous materials team and contracted by the Lancaster County Board of Commissioners to respond to hazardous material incidents in Lancaster County. The team is all-volunteer and always looking for new members.

In 2018, Haz Mat 2 responded to a total of 137 incidents. Not all incidents required the response of the entire team. The breakdown of responses included the following: Duty Officer Only—53; Duty Officer Plus (other team member support) - 8; Team Responses—73 and Other— 3.

REGISTRATION OPEN

In March 2019, the Lancaster County Emergency Management Agency is sponsoring two 8-hour offerings of the ***HazMat IQ Above The Line—Below The Line*** program. This program is targeted to haz mat operations and technician level responders.

The Friday March 1, 2019 program is full. There are vacancies, however, for the Saturday March 2, 2019 offering. To register send an email to Eric Bachman at ebachman@lancema.us with your name, organization.



The HazMatIQ 4-Step Response System *Above the Line Training*

FRIDAY MARCH 1, 2019 0800-1630
at Manheim Township Fire Rescue—Eden Station
SATURDAY MARCH 2, 2019 0800-1630
at Lancaster County Public Safety Training Center
Program is free to in-county responders.

"The speed and simplicity of this new tool – **HazMatIQ** – will save vital incident time, thus saving life, property, and the environment... I hope and pray that this service will become a standard for the HazMat Response Effort."



The HazMatIQ "Above the Line/Below the Line" 4-Step System is a revolutionary set of Smart Charts that enables first-responders to make immediate hazard risk assessments based on chemical names. By demystifying chemistry and streamlining the process of risk assessment, HazMatIQ focuses solely on the need-to-know information that helps to mitigate all kinds of HazMat emergencies.

The proprietary **HazMatIQ** is a risk-based response system that guides the responder through a user friendly, straightforward 4-step process:

- STEP #1** Revolutionary ten-second "Chemical Size-Up"
- STEP #2** Streamlined chemical hazard research
- STEP #3** Appropriate meter(s) selection
- STEP #4** Choice of proper protective equipment

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Lancaster County Emergency Management Agency

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Ben Herskowitz, Nuclear Planner & Trainer

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The Lancaster County Emergency Management Agency maintains emergency plans for facilities that use or produce hazardous materials, dam failures, nuclear facilities, and for other types of disasters both man-made or natural.

The office also coordinates and directs actions that take place during large scale emergency situations. This coordination is performed at the Emergency Operations Center located within our facility. These activities are done in close cooperation with the County Commissioners, County Administrator, local Emergency Management Agencies (municipalities within the county), and emergency service organizations throughout the county.

Lancaster County Board of Commissioners

Joshua Parsons, Chairman

Dennis Stuckey, Vice-Chairman

Craig Lehman

EMERGENCY MANAGEMENT INSTITUTE INDEPENDENT STUDY

The Emergency Management Institute (EMI) offers self-paced courses designed for people who have emergency management responsibilities and the general public. All are offered free-of-charge to those who qualify for enrollment. Many have accessed the EMI website to complete Independent Study course such as IS-100, IS-200, IS-700 and IS-800. Did you know that these program are periodically updated. Updates are assigned a suffix . IS-800, for example was updated in June of 2018 and version IS-800.c is available. There may not be a requirement within your agency to take the updated programs, but for some programs, the most up-to-date version may be necessary.

EMI also develops other topic-specific on-line courses that may be of interest so it is beneficial to review the on-line course list for new programs and updates. Visit <https://training.fema.gov/is/crslist.aspx?all=true> . A sample course overview is offered below:

IS-11.A: Animals in Disasters: Community Planning

OVERVIEW: This course provides information for groups to meet and develop meaningful and effective plans that improve the care of animals, their owners, and the animal-care industries in disasters.

OBJECTIVES: The objectives of this course are to learn how to develop a community plan for managing animals in an emergency, identify hazards and threats most likely to affect your community and ways to minimize their impact on animals, indicate how communities use the Incident Command System (ICS) to respond effectively to an incident involving animals, describe resources available to help communities recover from a disaster, and develop community support for a disaster preparedness plan involving animals.