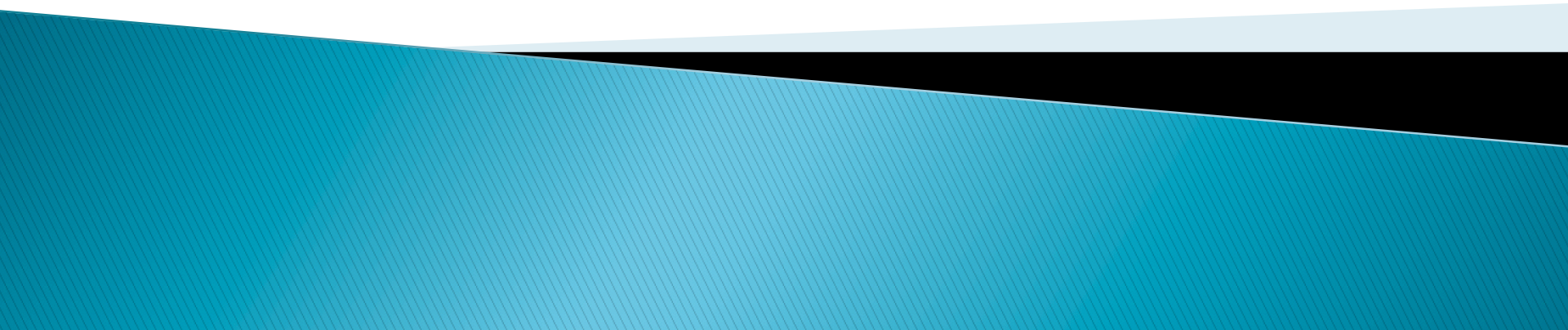


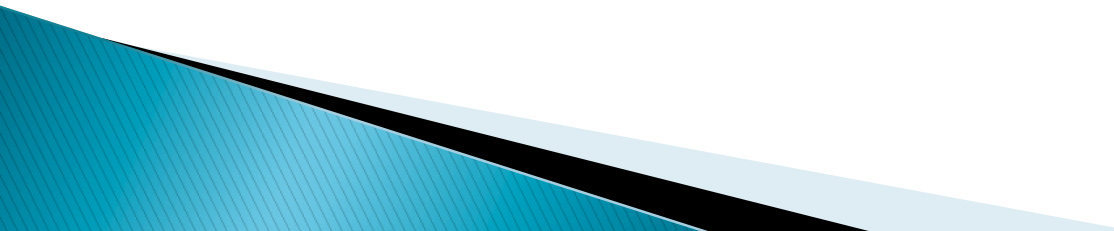
L.E.P.C

# Local Emergency Planning Committee

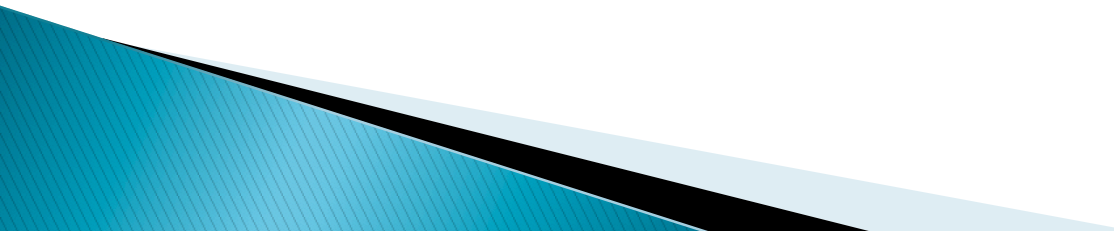
March 16, 2012



# Speakers

- ▶ Tom Talcott–Assistant Fire Chief Willoughby Hills & retired Mentor FD Deputy Chief
  - ▶ Patrick Shannon–Health, Safety & ER Supervisor--Lubrizol Painesville Twp.
  - ▶ Larry Greene–Lake County EMA Director
- 

# Agenda

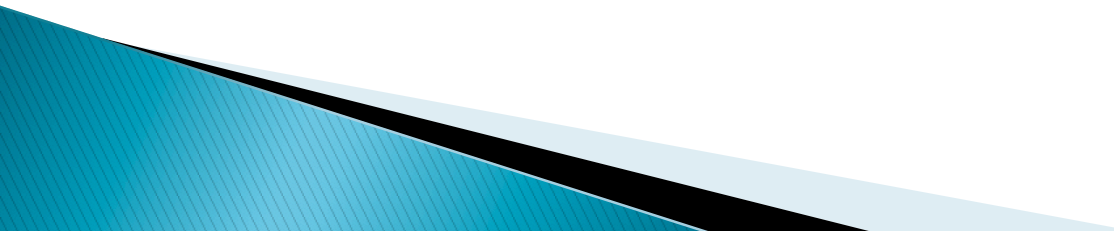
- ▶ Overview of LEPC
  - ▶ Requirements for submittal of housing chemicals above threshold limits
  - ▶ Hazard release notifications
  - ▶ HIT Team
  - ▶ EMA Integration
  - ▶ LEPC education and Wally the Wise Turtle
- 

# Local Emergency Planning Committee LEPC


- ▶ Established as part of the Emergency Planning & Community Right to Know Act—**EPCRA**
- ▶ Operates under Ohio EPA and the State Emergency Response Commission—**SERC**
- ▶ 18 member appointed board comprised of the various organizations in Lake County
  - Meets bi-monthly on the 2<sup>nd</sup> Thursday of the month



# LEPC Sub-Committees

- ▶ Education & Right To Know
  - ▶ Plan Review & Plan Testing
  - ▶ Hazardous Intervention Team (HIT)
  - ▶ Hazard Analysis
  - ▶ Compliance
  - ▶ Hazardous Material Medical Response Training
- 

# Duties

- ▶ Maintain chemical inventory database
  - ▶ Develop plume maps
  - ▶ Organize training and preparedness activities
  - ▶ Receive information regarding releases
  - ▶ Provide public with information
  - ▶ Develop & maintain a “Chemical Emergency Response & Preparedness Plan” for Lake County
  - ▶ Annually test the plan through tabletop, functional, or full scale exercises
- 

# Chemical Reporting Requirements

1. Facilities must notify the SERC/LEPC if:
  1. They store 1 or more specifically listed **E**xtrêmement **H**azardous **S**ubstances—**EHS** chemicals (sometimes called SARA chemicals)
  2. Notice is required when the chemicals are processed, used, or stored in excess of the chemical specific **T**hreshold **Q**uantity (**TQ**)  
--TQ's range from 1 to 1000 pounds
  3. Facilities exempt from inventory reporting by OSHA are NOT exempt from emergency planning reporting
  4. File annual SERC report with chemical listing

# Spill Release Requirements

1. Owners/Operators of facilities/vessels must report releases of the following within 30 minutes:
  1. Hazardous Substances > the RQ
  2. Extremely Hazardous Substances > the RQ
  3. Oil that exceeds 25 gallons or any quantity that enters a waterway
2. Reports are made to the OEPA, LEPC, and the local Fire Department

# Lake County HIT

## Hazardous Intervention Team

### Type 1 Response Team



# Overview



- ▶ Hazard Intervention Team (HIT)
  - Regionalized effort comprised of ~50 members from Lake County fire departments and industry.
  - The team responds to any HazMat incident both big and small to lessen the impact within a community.
  - 1 of 6 Type 1 teams in Ohio
- ▶ Technical support available 24/7 to all Lake County Fire, Police, and Service Departments via phone, text, or on scene response from HSO's.
- ▶ Full team response available 24/7.



# HIT RESPONSES



White Powder / Drug  
Screening Responses



Meth Lab Responses



Full Scale Spills



Suspicious Packages



Large Scale Event Standby



Orphan Drum/Packages

# HIT Assistance—Non-Emergency

- ▶ Fire Arson detection and sampling
- ▶ Drug Screening Meth Lab Responses
- ▶ Tech Rescue response for CSR
- ▶ Orphan drums/containers
- ▶ Command Center with full telecom support
- ▶ Non-emergency standby for large scale events (presidential visit, public assemblies)
- ▶ Bomb Squad standby for law enforcement





# Team Funding Sources

- ▶ LEPC Grant Monies
- ▶ Homeland Security Grants
- ▶ “Pay to Play” fee assessed to each Lake County City/Township based on risk profile
- ▶ Car Washes, Bake Sales, Chocolate bar sales, and magazines subscriptions (AS NEEDED)



# Team Mutual Aid



We have a MOU with the 5 counties that includes:  
Lake, Ashtabula, Geauga, Portage, and Trumbull.

We are also bound by the traditional  
State Wide Mutual Aid Agreement



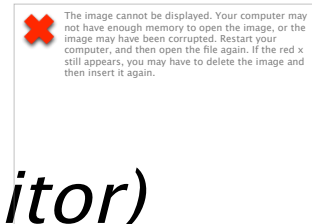
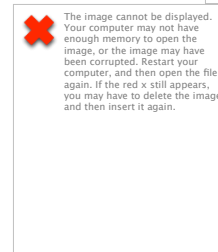
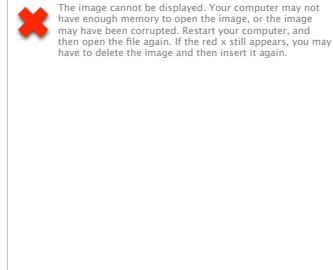
# Team Equipment Field Testing & Detection

- *Haz-Mat ID (Liquids, Solids)*
- Ahura Scientific First Defender.
- *Haz-Cat Kit*
- *Guardian BTA (Biological Sampling)*
- *PH, Starch, Peroxide, Ammonia*
- *M8, M9, M256A Test kits (WMD)*
- *Sampling kit with multiple sample type capabilities* including isolation and inspection glove bags



# Team Equipment Air Monitoring

- ▶ *Multi Rae PIDs*
- ▶ *IS 4 Gas Multi meter*
- ▶ *PPB Rae*
- ▶ *APD 2000*
- ▶ *Colorimetric Tubes*
- ▶ *Area Rae (wireless PID area monitor)*
- ▶ *\*Gas ID (Coming soon.....)*

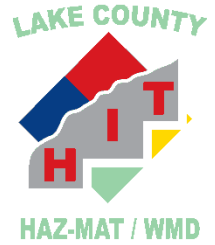


# Team Equipment Radiation Monitoring

- ▶ *Inspector 1000*
- ▶ Ludlum 2241-3RK
- ▶ Ludlum Model 3
- ▶ Ultra Radiac Personal Radiation
- ▶ Gamma Detector
- ▶ CDV-718
- ▶ CDV-750
- ▶ APD 2000
- ▶ TLD badges
- ▶ Direct reading dosimeters
- ▶ Portal Monitors (located throughout county at care sites)
- ▶ Perry Power Plant (resource for additional equipment)



# Team Equipment Intervention Equipment



*A picture is worth a thousand words*



*We have a wide variety of plugs, dikes, adsorbents, absorbents, pads, booms, airbags, as well as access heavy equipment as needed. Please see vehicle inventories*



# Relationship with EMA

- ▶ Coordination with Central for public info (EAS)
- ▶ Coordinator with local responders for disaster response
- ▶ Identify risk populations
- ▶ Reverse 911



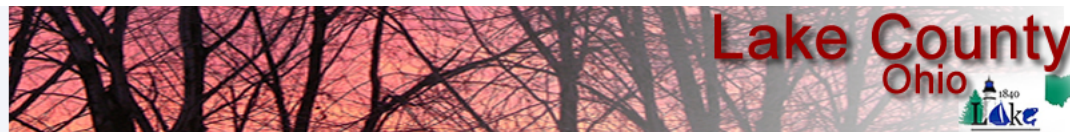
# LEPC Education

- ▶ Wally the Wise Turtle
- ▶ Be Prepared
- ▶ Hazardous Waste Collection



<http://www.lakecountyohio.gov>





Lake County, Ohio

Friday, March 16, 2012

[Return to Lake County Home Page](#)

... Lake County, Ohio ...

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#### Lake County Sites

- Legal Notices to Bidders
- Public Notices
- Achieve
- A.D.A.M.H.S. Board
- Auction & Bids
- Bar Association
- Board of Election
- Building Inspection
- Community Improvement Corporation
- Council on Aging
- Dog Shelter
- Emergency Management Agency (EMA)
- Employee Health & Wellness
- Employment & Training (ETA)
- Lake1Stop
- Fair Housing Resource Center
- Forbes House
- Garage
- Geographic Information System (GIS)
- GIS User Group
- Health District

#### Welcome to Lake County, Ohio Web Site

Although we are geographically the smallest of Ohio's 88 Counties, we currently rank 11th in population with more than 236,000 citizens, and we continue to be among Ohio's fastest growing!

Our work force is highly skilled, and we put a premium on education and training. Teachers in Lake County average the highest wages in the state, and we have the lowest percentage of pop poverty line.

The most unique feature about us is the 31 miles of shoreline we have on Lake Erie. There are two major rivers flowing through the County which provide us with harbors and marinas for shipping opportunities.

A number of large national and regional companies call Lake County home and have their headquarters here. International business is also significant because of our access to the St. Lawrence International Airport (in Cleveland). A manufacturer would be hard-pressed to find a better location for export business.

Lake County's reputation in agricultural circles is legendary. Blessed with some of the most fertile soil anywhere, our Nursery Industry is a national leader. Our well-established Wine Industry is native to our ideal soil and climate for grape production.

Our Lake County location also puts you within 20 miles of world-class business, educational, cultural and recreational activities in the greater Cleveland area.

This Website will provide you with an overview of Lake County Government, but will not serve as a substitute for a visit here. Come and see first hand the many benefits we have to offer your business.

Welcome to Lake County!

#### Lake County Commissioners

Mail Address:  
Lake County Commissioners  
P.O. Box 490  
105 Main St., Painesville, Ohio 44077  
1-800-899-5253



## Links

PERRY NUCLEAR PLANT

REVERSE 911 SIGN-UP

EMERGENCY NOTIFICATION

SIRENS

L.E.P.C.

CHAGRIN RIVER WATER LEVEL

PERRY NOTIFICATION WEBSITE

GRAND RIVER WATER LEVEL

## Mitigation

MITIGATION INFORMATION

## Preparedness

PREPAREDNESS INFO

RESOURCES & LINKS

PANDEMIC

NOTIFICATION

PETS

STOCKPILING

VOLUNTEER

SOCIAL MEDIA

FINANCIAL PREPAREDNESS

## Welcome to Lake County, Ohio - Emergency Management Agency

### Our Vision

The Lake County Emergency Management Agency seeks to promote safer, less vulnerable communities with the capacity to cope with hazards and disasters.

### Our Mission

The Lake County Emergency Management Agency (EMA) will protect Lake County communities by coordinating and integrating all activities necessary to build, sustain, and improve the capability to mitigate against, prepare for, respond to, and recover from threatened or actual natural disasters, acts of terrorism, or other man-made disasters.

### Agency Operations Profile

Established under the 5502 Chapter of the Ohio Revised Code, and operating under the authority of the Board of County Commissioners, the Lake County Emergency Management Agency coordinates disaster and large-scale emergency response and recovery at the county level. Emergency management is a discipline that involves preparing for disaster before it occurs, disaster response (e.g., emergency evacuation, decontamination, providing shelter, etc.), and supporting, and rebuilding our community after natural or human-made disasters have occurred. Effective emergency management relies on thorough integration of emergency plans at all levels of government and non-government involvement.

Utilizing [National Response Framework](#) principals, we are prepared to present a unified response to disasters and emergencies. State and Federal assistance is requested through the EMA when all available local resources are committed and/or a "State of Emergency" is declared. Emergency management actually starts at the local government level and only increases to the next higher organizational level after the current level's resources have been exhausted. In the private sector, emergency management is sometimes referred to as [business continuity planning](#).

Management of response activities follow the principles of the [Incident Command System](#) and the [National Incident Management System](#).

The Incident Command System (ICS) is a standardized, on-scene, all-hazards incident management approach that:

- Allows for the integration of facilities, equipment, personnel, procedures, and communications operating within a common organizational structure.
- Enables a coordinated response among various jurisdictions and functional agencies, both public and private.
- Establishes common processes for planning and managing resources.

ICS is flexible and can be used for incidents of any type, scope, and complexity. ICS allows its users to adopt an integrated organizational



# QUESTIONS

