

# Chemical Incidents



EMERGENCY MANAGEMENT

(859) 622-8987 | [www.emergency.eku.edu](http://www.emergency.eku.edu)

Emergencies: (859) 622-1111 | 911

In an incident involving a chemical release, you must quickly determine the most reasonable way to protect your own life. You should seek a safe indoor environment, without endangering others, through sheltering. The concept of seeking shelter is to provide protection from an outside atmosphere or condition that may be dangerous to life, health, or safety. If a Chemical Release were to occur, make a Protective Action Decision or (PAD) based on the situation and your location.

## Know Your ZONES!

**2E:** Campus North of Bypass

**2D:** Campus South of Bypass

**1C:** Meadowbrook Farm

**3D:** Central Kentucky Regional Airport

## Shelter-In-Place



During a hazardous materials release, do the following:

- Warn others in the area about the emergency.
- Move to an Enhanced Shelter in Place (ESIP) Building and activate the CPS System.
- Lock the doors and windows when appropriate.
- If you are not near an ESIP building, move to an interior room, close and seal the doors, windows, and vents.

Do not exit the area until the emergency has passed or you are instructed to do so by emergency response personnel.



## Shelter In Place - Mass Notification

- Outdoor Siren System (Alternating High/Low Wail)
- Adviser Alert Radios (Voice Message)
- EKU Emergency Notification System - RAVE

## Enhanced Shelter in Place (ESIP) Buildings & Collective Protection System (CPS) Panel Locations



- Alumni Coliseum - 2nd Floor Rm 208
- Combs Building - 1st Floor North East Closet
- Model Gymnasium - Main Level Room 151
- Perkins Building - First Level Main Lobby
- University Building - 3rd Floor by 323A
- Whitlock Building - 1st Floor Room 151

Follow  
Procedures in  
CPS Manual

## If Not Near an ESIP Building

Get Indoors. Seal off all vents, windows, and doors. Close the fireplace damper. Turn off air systems (if Possible). Go to a room designated as your shelter. Use a Shelter In Place (SIP) Kit.

Tune to a local Emergency Alert System radio station for updates.

**Evacuation:** If evacuation or relocation is ordered, the Madison County Emergency Management Agency will determine the best available location for EKU to go to.



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In order to maintain EKU continuity of operations, and to make a safe community response as fast as possible, we have extended the concept of an automatic, default, Protective Action Decision (PAD), used at Model Laboratory School and Burrier Child Development Center, of Sheltering In Place (SIP), to all EKU facilities in Madison County. On Richmond Campus (Zones 2E and 2D), individuals would go to an Enhanced Shelter In Place (ESIP) Building, without delay, and activate their Collective Protection Systems (CPS). At other locations, like Meadowbrook Farm (Zone 1C) and Central Kentucky Regional Airport (Zone 3D), individuals would Shelter In Place using SIP Kits. The prompt to Shelter In Place would be any mass notification made, about a community-wide hazardous materials incident, through the Outdoor Siren System (Alternating High/Low Wail), the Advisor Alert Radios (Voice Message), and/or the EKU Emergency Notification System Alert Methods. Updated information, such as exactly where a chemical plume is anticipated to go, what zones are truly affected, and when the plume is projected to arrive, would be disseminated when that information becomes available. Although building occupants can activate their Collective Protection Systems immediately, and close all windows in their buildings, the doors should remain unlocked for as long as possible to allow other community members to come to the ESIP Buildings. Remember that we may not know, initially, exactly where the chemical plume is anticipated to go, and it may not affect our zones at all, but we do not want to waste valuable time, in moving to enhance shelter locations, if the plume does come our way. The doors to the ESIP Buildings should be locked, by the building occupants, if and when the chemical plume is scheduled to arrive in our Zones 2E or 2D



**THIS DOOR MUST BE TIGHTLY  
CLOSED DURING EMERGENCY  
VENTILATION SYSTEM OPERATION.**



Enhanced Shelter In Place (ESIP / CPS) Control Panel

If you can read this sign, you are inside the  
Collective Protection System (CPS) Protected Area.

### Collective Protection System (CPS) Operation Checklist

- Move everyone into the protected area when notified that a hazardous event has occurred.
- Start the ESIP/CPS system by pushing the red start button on the face of the control panel.
  - Any individual may activate the system when needed.
  - EKU Public Safety officials may not be in your ESIP building.
- Manually close, latch, and lock all perimeter windows.
- At the time the hazard is estimated to arrive in your zone (Zone 2E and/or 2D), do the following.
- Manually close, latch, and lock all perimeter doors.
- Double check that all perimeter doors are secure and post a  
Stop – Shelter-In-Place Protected sign at each entrance.
- Double check that all perimeter windows are secure.
- Keep all doors and windows closed.
- Remain in the protected area until notified that the hazard has cleared.
- After being notified that the hazard has cleared, do the following.
- Stop the ESIP/CPS system by pushing the red start button on the face of the control panel again.
  - Any individual may deactivate the system when the all clear order is given.
  - EKU Public Safety officials may not be in your ESIP building.
- Perimeter doors and windows may now be opened.
- Exit outside.
- Individuals may be directed to relocate out of the affected area.