



doTERRA
389 S 1300 W, Pleasant Grove

Utah County LEPC Minutes

November 16, 2023, 14:00-15:00

BOARD MEMBERS PRESENT:

Kelly Johnson - Chair
Thayne Routh - Vice Chair
Allison Jester - Secretary
Janeen Olson - Info Coordinator

OTHERS PRESENT:

Brent Belnap, Daniel Coe, Robin Ebmeyer, Julianne Ehlers, Greg Gurney, Kadee Hudson, Chris Lindquist, Kari Malkovich, Chelsie Reynolds, Shaine Richards, Carly Sands, Trevor Sperry, Jason Stevens, Dave Ulibarri, Tad Warren, Jeff Weber, Zachary White

Open the Meeting

1. Kelly Johnson opened the meeting at 14:00.
2. Welcome & Introductions

Presentation

1. Jack Rabbit II (chlorine) & III (ammonia) Program - Andy Byrnes, UVU ERWG
 - a. This is a catastrophic release ONLY. They tested Chlorine and Ammonia because they are the number one toxic by inhalation items.
 - b. Chlorine - Lots of accidental releases, also used as weapons in the Middle East
 - c. JRI in 2010 - release of 1-2 tons. No emergency responder input
 - d. JRII large scale, outdoor - first responder input was included.
 - i. Objectives to test:
 1. Would vehicles, radios, cell phones still work after exposure to high concentrations of chlorine?
 2. Does metering equipment maintain accuracy at high concentrations after multiple tests?
 3. Are ERG protective actions accurate?
 4. Is shelter in place effective?
 5. What is the effect of Chlorine on urban surfaces?
 - 6.
 - ii. Things we learned:
 1. Vehicles will continue to run, but not well. Radios, Cell Phones, and other electronics will work, at least for a while.
 2. PIDs (metering equipment) were very resilient, worked well after multiple tests.
 3. ERG protective actions are accurate and on the conservative side.
 4. Shelter in Place - bottom line, concentrations will always be lower in a building or car, but in these tests the concentrations were still not survivable inside.
 5. Chlorine dissolves hydrocarbons, but there is not enough energy to produce a spark or flames. Chlorine will corrode metal.

- e. JRIII - Current Project
 - i. They are concentrating on ammonia - smaller releases and continuous releases, such as from a pipeline. They have many of the same objectives, except doing more with indoor concentrations due to the flammability of ammonia indoors. Testing the effectiveness of water curtains and tarping.
- f. You can view videos and read more about the Jackrabbit Project @ <https://www.uvu.edu/es/jack-rabbit/>

General Meeting Items

1. Review & Approve Meeting Minutes
 - a. Thayne Routh motioned to approve the September 21, 2023 Minutes. Motion was seconded by Dave Ulibarri. All were in favor and the motion passed unanimously.
2. General LEPC Business
 - a. Kelly Johnson - LEPC Chair - None
3. Action Items - None

Briefings

1. Local Incident Briefs - none
2. Channel Industries Mutual Aid (CIMA) Call
 - a. The LEPC Leadership Board spoke with Richard Lawhorn, Chief Deputy at Harris County, Texas Fire Marshal's Office. CIMA is a mutual aid organization wherein industry works in tandem with public agencies. We have had some interest in integration here in the County. The call was very interesting and gave us some great information on how they integrate with each other and work together in Houston.

Other Business

1. Future Meeting Schedule
 - **December 14 @ 14:00 @ Lindon Community Center Gym**
LEPC Holiday Social
 - **January 18 @ 14:00 @ TBD**
LEPC Meeting, Presentation: Earthquake, LEPC Goals - Kelly Johnson
 - **February 15 @ doTERRA**
TIER II Workshop (poll - send out to gauge interest)

Adjourn Meeting

Thayne Routh motioned to close the meeting. Jeff Weber seconded the motion. Meeting was closed at 15:02.

Next Meeting December 14 - Holiday Social!