Local Emergency Planning Committee (LEPC)

Tuesday, August 21, 2018
2:00pm to 4:00pm

Council District 8
Introduction and LEPC Business Meeting
Agenda

Welcome and Introductions
- Ryan Broughton, LEPC Chairperson
- Gary Freeman, LEPC Vice-Chairperson
- Participant Introductions

Business Meeting
- Membership Process
- New Members

LEPC Overview

Guest Speaker: Ryan Risdon, BNSF Railroad

News and updates

Overview of Council District Eight’s Risk

The Next LEPC Meeting
LEPC Membership

1. Attend two LEPC meetings and indicate that you wish to be a member on the LEPC sign in sheet.
2. Be voted in at the next LEPC meeting.
3. Continue to participate and attend meetings. Please send an alternate representative if you cannot attend.
4. To maintain membership, don’t miss more than four meetings in a row without sending an alternate
New LEPC Members

- Francisco Maciel
LEPC History and Purpose

- Mandated under the U.S. EPA’s Emergency Planning and Community Right-to-Know Act (EPCRA) of 1986
- Collaboration between industry, government, and community
- Focus on hazardous materials and chemical safety
- Open, non-regulatory forum for discussion, information sharing, and planning
- Receive and retain Tier II reports
News and Updates
Tier II Filing Update

- 276 Tier II reports received by to date
- Section 311/302 reports are continuously submitted
CSB Bulletin: The Importance of Contractor Selection and Oversight

- Case Studies from Hawaii and Colorado
- Recommendations on how to vet and oversee contractors
Ammonia Safety Day

- Ammonia Safety Day: Aurora, CO on October 10.
- Free 8-hour conference-style presentation designed for industry, firefighters and regulators addressing prevention of and safe response to ammonia emergencies.
- For more information and registration: https://ammonia-safety.com/safety-days or contact asti@ammonia-safety.com or 831-761-2935.
Mock Line Strike

- A simulated natural gas release and response demonstration intended to educate excavators, contractors, public officials, and emergency responders.
- September 19 at the Jefferson County Fairgrounds in Golden.
- For more informing go to www.mocklinestrike.com, call 316-880-8008 ext 1022, or email jeannettew@enertech.com
Physical and Cybersecurity for Critical Infrastructure Course (MGT-462)

- A DHS funded course offered through Texas A&M Engineering Extension Service (TEEX)
- August 28 from 8:00 a.m. to 5:00 a.m. at the South Metro Admin Building at 9195 E. Mineral Ave in Centennial.
- For more informing call 720-852-6600, email cdps_dhsem_training@state.co.us or go to https://www.train.org/colorado/course/1061973/live_event
- Certain organizations may be fee exempt for this course and others may not be.
Workshop for those working in the oil/gas sectors

The United States Environmental Protection Agency (EPA) and the Ute Mountain Ute Tribe are pleased to host a SPCC/FRP compliance assistance workshop for oil facility owners, operators, land management entities, water resource protection professionals, emergency response personnel, and others working in the oil/gas sectors near Cortez, Colorado on September 18-19, 2018.

Information about EPA’s oil spill response, prevention and preparedness program can be found at: http://www.epa.gov/oilspill
Denver’s Risk
City & County of Denver

“Mile High City” (5280ft)
704,000 residents
- 1M daytime population
- 2.9M in Denver Metro
- 19th Largest U.S. City

23% growth since 2000
155 square miles
5th Busiest U.S. Airport
- 61.8 million passengers yearly
31.5M Visitors in 2016
2016 “Best Place to Live”
Most Geographic Isolation of any big city (>500 miles)
• Disease Outbreak/Bioterrorism
• Hazardous Materials Incident
• Terrorism
• Flooding
• Destructive Weather
• Utilities Interruption/Failure

• National State of Emergency
• Earthquake
• Fire (Structural, Industrial, Wildland)
• Active Shooter
• Aviation Incident
• Cyberterrorism
• Drought

• Civil Unrest
• Ground Subsidence/Sinkholes
• Agricultural Disease Outbreak
• Cyber Crime
• Nuclear Weapon Accident/Incident
Tier II Facilities
Hazmat Pipelines

Gas Transmission Pipelines

Hazardous Liquid Pipelines
Major Rail Lines
Council District Eight’s Risk
Gas Transmission Pipelines
Highway Buffer Zones
Rail Buffer Zones
District Eight’s Notable Chemicals

- Anhydrous Ammonia
- Sulfuric Acid
What to do about my risk?
Get to Know Denver’s Public Notification Systems

• Know what messages mean and what to do after receiving them
• Sign up for SwiftReach
• Make a Plan and a Kit!
Tornado Sirens

- Geographically targeted to a sector of city or DEN
- Siren only, no voice recordings
- Intended to tell those outside to go indoors
Swift Reach

- Voice call to White Pages and Yellow Pages numbers
- Text, email, and/or voice call to subscribers
- Highly geographically targeted based on subscription/phone book address
Wireless Emergency Alerts (WEA) - IPAWS

- Displays on cell phones (that don’t have government alerts turned off)
- Text format
- Currently geographically targeted by cell tower
- Currently limited to 90 characters
Emergency Alert System (EAS) - IPAWS

- Plays over radio
- Scrolls along TV broadcasts
- Will impact a large geography
NOAA All-Hazards Radio - IPAWS

- Only activated by NOAA
- Voice to All-Hazard Radios
- Resilient to power and communications interruptions
Social Media, Press Releases, and Media

- It is the fastest way to get information
- Allows for a two way conversation
- Allows for multi-media messaging
Route Alerting

- Slower than other processes
- Effective
- Labor intensive
Make a Plan

• Consider actions to take at home, school, work, and in transit.
• Who are your emergency contacts?
• How will you communicate with family and where will you meet?
• What will you take with you if required to evacuate?
• How would you turn off your HVAC?
Build a Kit

- Water and Food
- Flashlight and radio with extra batteries
- First aid kit
- Tools
- Maps
- Cell phone charger
- Dust mask, gloves, and other protective equipment
- Important papers and documentation
- Medication
- Pet supplies
- Cash
- Tape and plastic sheeting
Protective Actions

What to do if asked to evacuate?

- Leave immediately
- Stay tuned to radio or TV
- If time allows, shut windows/vents and turn off HVAC and attic fans
- Take your emergency kit
- Assist neighbors and family members who need help
Protective Actions

What to do if caught outside?

• Stay upstream, upwind, and uphill of chemical spill (usually 8-10 blocks)
• Try to avoid inhaling, touching, or otherwise coming into contact with liquids, mists, or condensed solids
• Cover you mouth with a cloth or mask if needed
Protective Actions

What to do if asked to shelter in place?

• Bring pets inside
• Close and lock all exterior doors, windows, vents, and dampers
• Turn off HVAC system or set to recirculate
• Go to a preselected interior shelter room, shut interior doors
• Seal around doors, windows, and vents with plastic sheeting and tape
• Do not consume food or water that may be contaminated
• Use a mask, cloth, or towel to breath through if needed
Protective Actions

What to do if caught in a vehicle?

• Seek shelter in a building
• If a building is not available, keep the car windows closed, shut vents, and turn off heat/AC.
Questions and Discussion
Case Study: NC Slim Jim Plant
Case Study: ConAgra Slim Jim Plant

- It doesn’t take an exotic chemical to cause an emergency.
- Explosion causes by improper venting of natural gas.
- Accident occurred on June 9, 2009 in Garner, NC
Case Study: ConAgra Slim Jim Plant

- The accident occurred during installation and startup of a new industrial water heater.
- Natural gas was not properly vented when purging lines.
- Natural gas found an ignition source and exploded.
- Structural collapse resulted.
Case Study: ConAgra
Slim Jim Plant

- Three killed and 71 injured (including three responders). Four workers were severely burned.
- The explosion caused a release of 18,000 lbs. of Ammonia
- Inadequate explosive detection, lack of contractor training.

Damage to vegetation 100s of feet away from the facility
Discussion

- What processes exist within industry to manage contractors and ensure safety?
- How would the public be warned after a release?
- What should neighboring industries do to prepare for a similar release?
- What resources does the community have to respond to such as release?
Guest Speaker:
Ryan Risdon
BNSF Railroad
It’s Your LEPC

• How can we make the LEPC more relevant to you?
• What topics would be of interest?
• Would you like to speak at an LEPC to share best practices?

Recent topic suggestion: How to identify security threats including suspicious packages.
Next Meeting

When: September 18, 2018 from 2:00 to 4:00 PM

Where: Carla Madison Recreation Center, 2401 E Colfax Ave, Denver, CO 80206

Guest Speaker: DHS Protective Security Advisor

For additional information or to be added to the Denver LEPC distro list, please contact:

David Powell at 720.865.7897
David.Powell@denvergov.org

visit www.denvergov.org/oem
### Meeting Name:
Local Emergency Planning Committee (LEPC)

### Date of Meeting:
08/21/2018

### Time:
2:00 PM – 4:00 PM

### Agenda Prepared By:
David Powell

### Location:
Central Park Recreation Center: 9651 M.L.K. Jr Blvd, Denver, CO 80238

#### 1. Meeting Agenda (describe purpose and desired outcomes/outputs):
- Welcome and introductions
- Business meeting
- LEPC overview (what is the LEPC?)
- Updates and news
- Overview of Council District eight’s chemical risk
- Case Study: ConAgra Slim Jim Plant
- Guest Speaker: BNSF Railroad
- Conclusion

#### 2. Desired Meeting Participants (identify organizations to participate in meeting):
- Denver residents
- Denver Police Department
- Denver Fire Department
- Denver Office of Emergency Management
- Public health
- Transportation organizations
- Environmental professionals
- Chemical facilities
- Community groups
- Media

#### 3. Meeting Action Items (identify action items or decisions to be made during meeting):
**Action Items and Decisions to be made:**
- Approve new members
- Educate residents on chemical hazards in their council district
- Inform industry and residents of Denver’s risk from railroad hazardous material and how BNSF Railroad manages this risk.

#### 4. Next Meeting (if required):
- **Date:** 09/18/2018
- **Time:** 2:00–4:00 PM Mountain
- **Location:** Carla Madison Recreation Center: 2401 E Colfax Ave, Denver, CO 80206

Complete meeting agenda prior to meeting and post to shared S:/Meeting Minutes folder with meeting minutes.

1437 Bannock Street #3, Denver, Colorado 80202 / 720-865-7600 (Main) / EOC.Operations@DenverGov.org