Local Emergency Planning Committee (LEPC)

Tuesday, May 15, 2018
2:00pm to 4:00pm

Council District 5
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

News and updates

Overview of Council District Five’s Risk

Case Study: Alabama Ammonia Release

Guest Speaker: Jeremy Cook with Denver Health

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

- Deborah Ortega
- Kendall Shafiefield
- Deb Thorson
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

- 271 Tier II reports received by to date
- Section 311 reports are continuously submitted
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.
Denver Chemical Safety Workshop

- June 21 from 8:00 to 12:00
- At the Denver Post Building
- Agenda focused on how the chemical industry can integrate with local responders to improve safety
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 Transportation Routes
Hazmat Pipelines

- Gas Transmission Pipelines
- Hazardous Liquid Pipelines
Major Rail Lines

150', 1000' & 1/2 Mile Buffer Main Railway Buffers

DENVER
THE MILE HIGH CITY

CONNECT WITH US 311 | POCKETGOV | DENVERGOV.ORG | DENVER TV
Council District Five’s Risk
Tier II Facilities
District Five’s Tier II Facilities

- Rose Medical Center
- Eastern Colorado Healthcare System
- AT&T
Hazmat Facilities
District Five’s Chemicals

- Diesel, gasoline, and lubricating oils
- Sulfuric Acid Batteries
- Cryogenic liquified oxygen
What to do about my risk?
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: Theodore, Alabama Ammonia Release

ASSOCIATED PRESS, BILL STARLING
Video

- https://youtu.be/_icf-5uoZbc?t=60

- 1:00 to 4:00
Incident Facts

• 400 gallons or more of anhydrous ammonia was released.
• One mile evacuated around the plant.
• 153 people exposed, 32 required hospitalization, and 4 were admitted to intensive care.
• Facility fined $3 Million by EPA and DOJ.
• Account of a nearby worker: "All that he said that he saw a cloud coming towards their way, ammonia coming their way, and he told the guys in the yard to run, and, by the time they started running, it hit him."
Denver Connection

• 15 Denver facilities reported anhydrous ammonia inventories this year.
• Many of the Denver facilities regulated by the Risk Management Plan (RMP) Program store anhydrous ammonia.
• On April 10, 2018, an anhydrous ammonia facility in Denver had a release prompting the evacuation of the facility and other nearby businesses.
Discussion

1. Are you, your family, and your business ready for a hazmat release?
2. What else could you do to prepare?
3. What public information would need to be pushed out to the community?
4. What would the City’s response to this incident look like?
5. How would hospitals manage this emergency?
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?
Upcoming Speakers

- June: Colorado Emergency Planning Committee
- July: Denver Fire Hazmat Team
- August: BNSF Railroad
Next Meeting

When:  June 19, 2018 from 2:00 to 4:00 PM

Where:  Harvard Gulch Recreation Center, 550 E Iliff Ave, Denver, CO 80210

Guest Speaker:  Colorado Emergency Planning Committee

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: 05/15/2018
Time: 2:00 PM – 4:00 PM

Agenda Prepared By: David Powell
Location: Montclair Recreation Center, 729 Ulster Way, Denver, CO 80230

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 Five’s chemical risk
   - Case Study: TBD
   - Guest Speaker Jeremy Cooke with Denver Health
   - LEPC feedback and suggestions
   - The next LEPC meeting

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 about how Denver Health prepares for chemical incidents
   - Discuss ways to create a collaborative preparedness strategy between facilities, the community, and responders

4. Next Meeting (if required):
   Date: 06/19/2018
   Time: 14:00–16:00 Mountain
   Location: Harvard Gulch Rec. Center, 550 E. Iliff Ave. 80210

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