Public Safety and Regulatory Compliance

- Overview
  - Hazardous Materials Safety Programs
  - Hazardous Materials Commodity Flow Study
  - Emergency Management Exercises
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- Hazardous Materials Safety Programs
  - Local Emergency Planning Committee
  - First Responder Training Program
  - Regional Hazardous Materials Response Team
  - Hazards Analysis Extremely Hazardous Substances
  - Hazardous Waste Compliance Assistance
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- Local Emergency Planning Committee
  - Planning
  - Training
  - Reviewing
  - Exercising
  - How-to-Comply Assistance
  - Public Education
  - Chemical Inventories to Emergency Responders
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Local Emergency Planning Committee

- For Facilities: Annual meeting and workshops for facilities with reportable chemicals. Hazardous Materials Awareness Week - February 24 - March 2, 2019

- For the Public: Shelter In-Place Train-the-Trainer Classes and Flyer

- For Responders: Local emergency responders need to know how to access and use information available on locally stored chemicals
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Emergency Management Technical Assistance
Shelter In-Place Public Education
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Regional Hazardous Materials Response Team
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- First Responder Training Program
  - Awareness (4 or 8 hr)
  - Operations (24 hr)
  - Technician (160 hr)
  - Incident Commander (Operations +24 hr)
  - HazMedic (24 hr)
  - Technician Refresher (16 hr)
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- Hazards Analyses for Chemical Releases
  - Worst Case Scenarios
  - Most Toxic Chemicals
  - Highest Potential for Off-site Releases
  - Chlorine, Ammonia and Sulfuric Acid most common reported
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Emergency Management Exercises
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Emergency Management Exercises
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What Happened in Real Life? Aviation fuel spill on U.S. 301
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First Responder Training Program

- Coordinated 18 hazardous materials emergency response classes with 240 emergency responders completing 5,700 hours of training

- Free four-hour class available for local government employees who might discover spill and have duty to report
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Hazardous Waste Compliance

- Conduct hazardous waste compliance site visits
  - Bradford County
  - Columbia County
  - Dixie County
  - Gilchrist County
  - Hamilton County
  - Lafayette County
  - Levy County
  - Madison County
  - Suwannee County
  - Union County
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Hazardous Waste Compliance

- Approximately 120 site visits annually
- Florida Statutes requires counties to conduct
- Helps businesses save money and stay out of trouble
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Commodity Flow Study - Together these six chemicals comprised 75% of trucks observed hauling hazardous material over highway

- Gasoline (48%)
- Aviation Fuel (8%)
- Propane (7%)
- Anhydrous Ammonia (4%)
- Sodium Hydroxide Solution (4%)
- Elevated Temperature Liquids (4%)
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Hazards Analyses Conducted by Council

- Columbia County
- Dixie County
- Gilchrist County
- Hamilton County
- Lafayette County
- Madison County
- Taylor County
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Hazards Analyses - Refrigerated Warehouses

- Anhydrous Ammonia:
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Hazards Analyses Water / Wastewater Treatment

- Chlorine Gas:
  - 150 Pound Cylinder (0.5 mile)
  - Ton Container (3.1 miles)
  - 90-Ton Rail Car (10+ miles)

- Alternative: Liquid Chlorine Bleach - No Offsite Impacts
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Summary

- Hazardous Materials Safety Programs
- Hazardous Materials Commodity Flow Study
- Emergency Management Exercises
North Central Florida Regional Planning Council
2009 NW 67th Place
Gainesville, FL 32653-1603
352.955.2200
www.ncfrpc.org