

**PRACTICAL PIPELINES TRAINING DESCRIPTION 2019**

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***TRAINING DESCRIPTION***

Our goal is to change the attitude of first responders from “preparing for a rare situation” to considering pipelines a part of everyday public safety and to influence behaviors (such as continuous training, advance preparedness, prevention and coordinated response) that strengthen the safety network around pipelines in their communities.

* 50-minute State and County Specific Training Video with Segment Questions for Message Reinforcement
* Interactive Video Transcript of Content with Links to Additional Training Opportunities and Resources
* Online Toolkit: County-Specific Downloadable and Printable Materials (for training, preparedness and emergency response use)
* Links to Sponsor Webpages or Portals

***PROGRAM OBJECTIVES***

* Increasing understanding of the state of the pipeline system today among first responders
* Reviewing common pipeline products, leak characteristics, and hazards of a release
* Demonstrating how first responders can use markings and online tools to locate pipelines in their communities
* Inspiring first responders to take a proactive role in preventing pipeline emergencies that could lead to loss of life, property, or harm to the environment
* Instilling the importance of advance preparedness by revealing common pipeline emergency response deficiencies and failures
* Empowering first responders to successfully work with pipeline operators for improved coordinated emergency response

***METHOD OF INSTRUCTION***

Video, Discussion and Digital Materials

***INSTRUCTOR(S)***

Agency providing training self via Practical Pipelines from the Danielle Dawn Smalley Foundation

TRAINING OUTLINE

***INTRODUCTION***

* The Story and Mission of the Danielle Dawn Smalley Foundation
* Sponsor logos/links
* Overview of Program Goals, Objectives, and Six Training Focuses
* Training Materials: overview and instructions for use
* Pipeline Regulatory Agencies: federal and state

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***SIX LEARNING FOCUSES:***

**1 – PIPELINES TODAY**

* Video Segment
  + Pipeline purpose and reliability
  + Integrity management and prevention measures undertaken
  + Pipeline safety and efficiency
  + The overall state of the pipeline network today
  + Obligation to report pipeline contact/strikes to operators
* Pipeline types and functions (gathering, transmission, distribution)
* Integrity management and prevention measures undertaken by operators continued
* One Segment Question

**2 – PIPELINE PRODUCTS**

* Video Segment
  + Product types, characteristics, leak recognition, potential hazards

(Natural Gas, Petroleum Gas, Crude Oil, Refined Products)

* + Odorization/Gate Stations
  + Migration
* History of Natural Gas Odorization – The New London Texas School Explosion
* Leak recognition, potential hazards, and emergency response continued
* Emergency Response Guidebook (ERG), website and mobile app
* Migration continued
* One Segment Question

**3 – PIPELINE LOCATIONS**

* Video Segment
  + Pipeline markers: types, purposes, locations, information found on, ROW’s
  + Pipeline location information
* National Pipeline Mapping System (NPMS) instructions
* County-Custom NPMS operator list results
* County-Custom NPMS Map
* Texas Railroad Commission Public GIS Viewer Instructions
* High Consequence Areas (HCA’s) definition and examples
* Two Segment Questions

**4 – DAMAGE PREVENTION**

* Video Segment
  + State 811 One-Call requirements, procedures and laws
  + Excavator and operator responsibilities
  + Corrosion and leak causes data
  + Damage prevention awareness
* Damage and reporting rules
* Current DIRT Report damages by state
* DIRT Report damage indicators and variables related to that state
* A first responder’s role in damage prevention
* Awareness of pipeline markers (temporary and permanent), pipeline activity, color codes
* First responders as community damage prevention advocates – risks posed to pipelines by people or environment
* Two Segment Questions

**5 – ADVANCED PREPAREDNESS**

* Introduction to HMCRP Report 14 (Guide for Communicating Emergency Response Information for Natural Gas and Hazardous Liquids Pipelines)
* Video Segment – Smalley Incident 911 call/dispatch
* NENA 56-007 –911 dispatch standard for pipeline emergency call intake
* HMCRP Report 14 identified incident-management inadequacies/response failures
* Dispatch call intake and first response checklist
* Dispatch – caller description checklist for determining the involvement of a pipeline
* Preplanning checklist
* Preplanning example chart and information sources
* Three Segment Questions

**6 – EMERGENCY RESPONSE**

* #1 priority – Public safety and environmental protection
* Video Segment – Smalley incident footage
* Initial emergency steps to take (dispatcher/responder/operator)
* Things not to do
* Planned operator response procedures
* Ignition sources and PPE (includes video clip)
* Response modes
* Appropriate methods for mitigating pipeline vapors and/or fires
* One Segment Question