



Chairman David Porter
Commissioner Christi Craddick
Commissioner Ryan Sitton
August 2016

Railroad Commission

Oil and Gas Seminar

Corpus Christi 2016



Oversight and Safety Division

Pipeline Safety Department

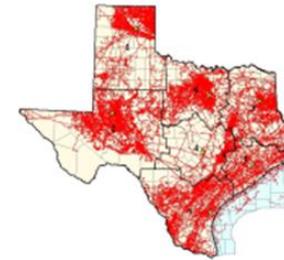
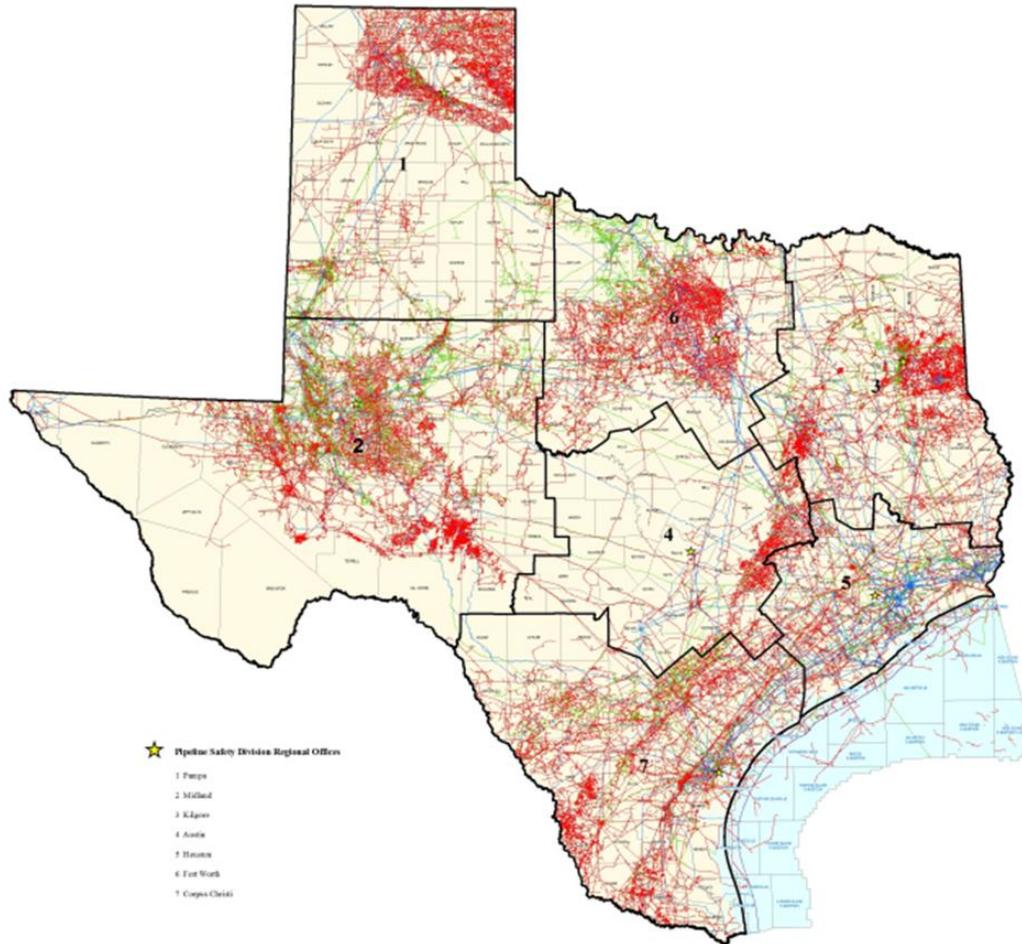


Accident/Incident Reporting Criteria

Presented by Stephen Kelly
Accident Coordinator



Why Regulate Pipelines?



Natural Gas Pipelines



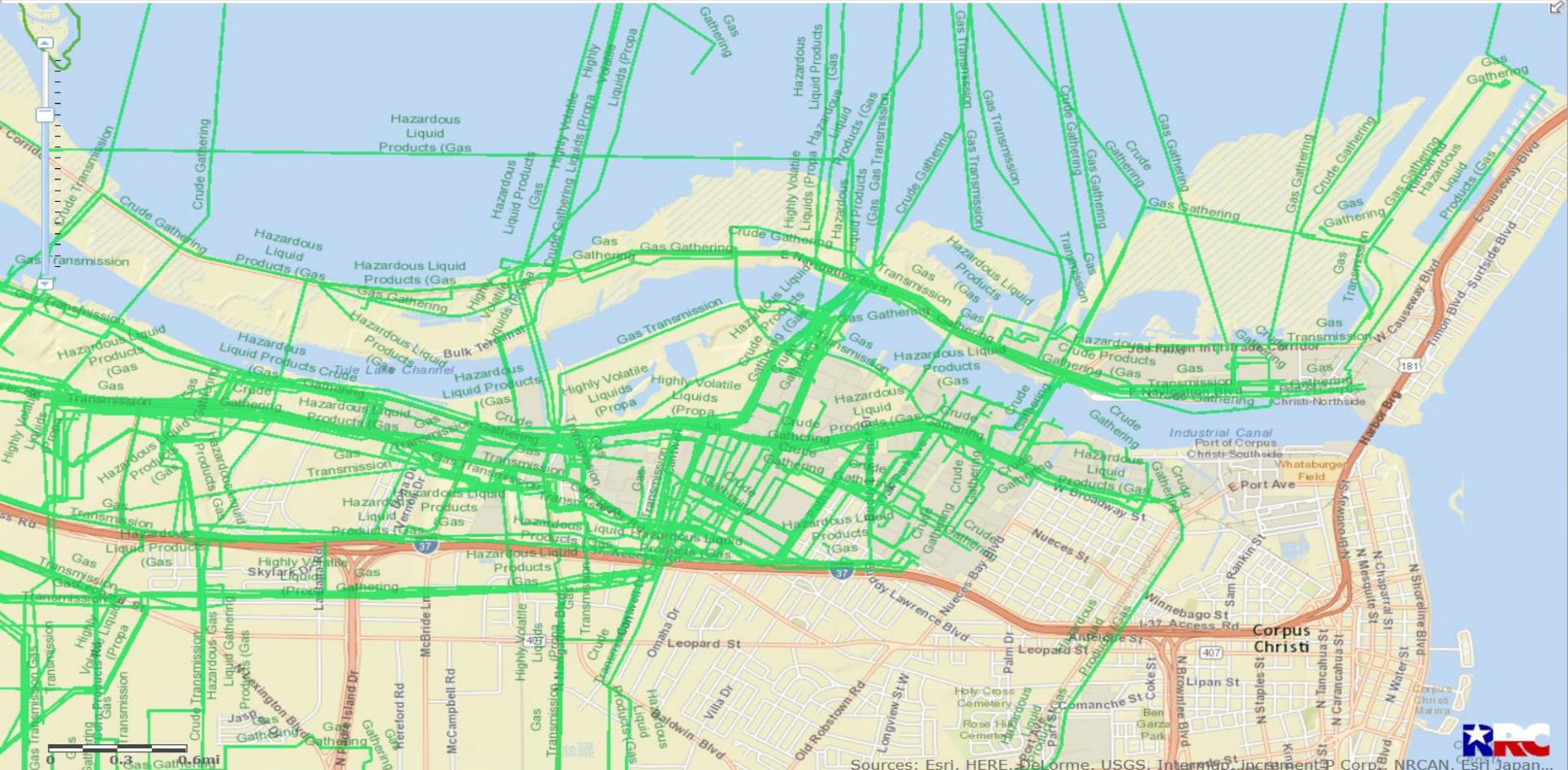
Crude Oil Pipelines



Hazardous Liquids Pipelines



Pipelines near Corpus Christi, TX



Miles Of Pipelines In Texas

- Texas has the largest pipeline infrastructure in the nation, with more than 431,997 miles of pipeline which is 1/6th of the total U.S. pipeline mileage.
- The RRC regulates 217,065 miles of pipeline.



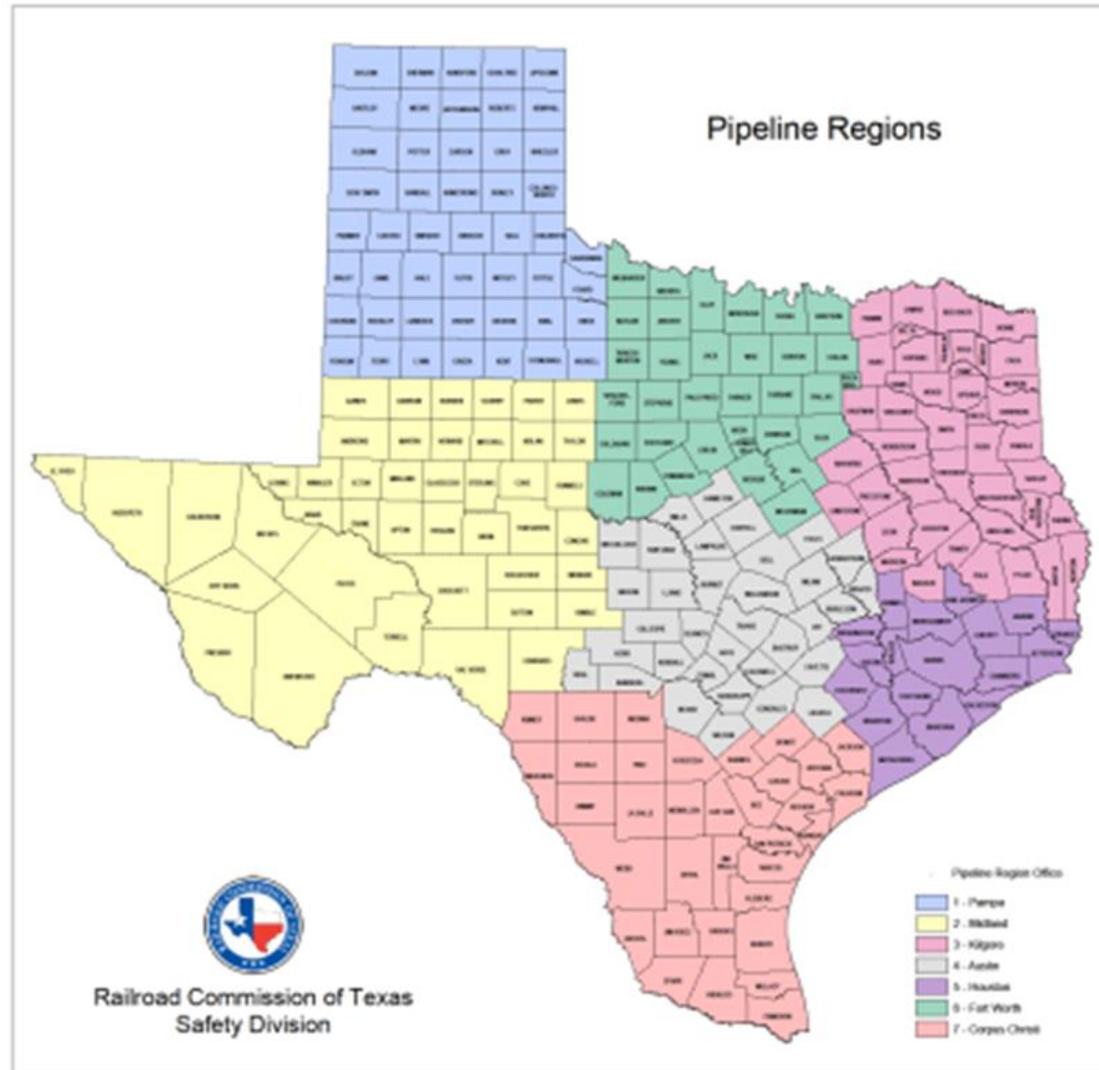
Types of Pipelines

- **Intrastate pipeline:** are Pipeline facilities located completely within the State of Texas.
- **Interstate pipeline:** A pipeline or that part of a pipeline that crosses the Texas state border.



Pipeline Safety Department

- We currently have 43 full time inspectors



Authority to Regulate Pipelines

- TX Admin. Code (TAC),
 - Title 16: Economic Regulation
 - Part 1: Railroad Commission
 - Chapter 8: Pipeline Safety Regulations
- Code of Federal Regulation (CFR), Title 49
 - Department of Transportation
 - Office of Pipeline Safety
 - Pipeline Hazardous Materials and Safety Administration (PHMSA) Federal Oversight



2015 Pipeline Safety Stats

In Fiscal Year 2015 The RRC:

- Conducted approximately 3800 Inspections.
- Received notice of 200 accidents/incidents.
- Handled 150 complaints.

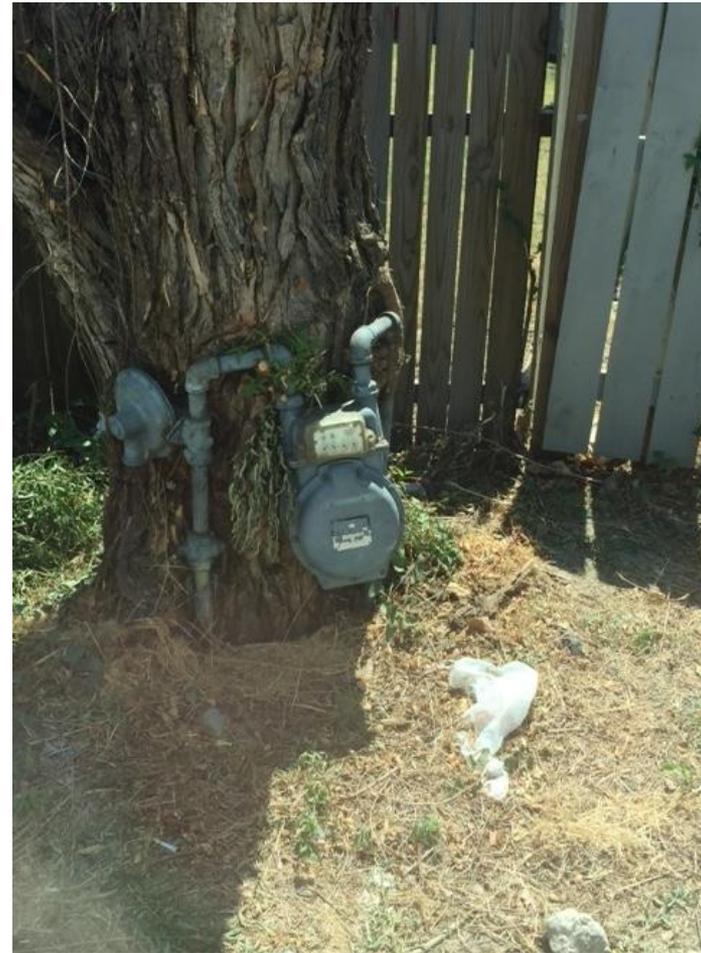


Inspections/Audits

Evaluation of the Pipeline

Prioritizes inspections based on risk factors:

- Violation Count
- Class Location
- Inspection Frequency
- Incidents
- Pipe Size
- HCAs
- Unevaluated System



Inspections/Audits

Program

Evaluation:

- Integrity Management,
- Operator Qualification,
- OM&E
- Control Room
- Drug and Alcohol
- Public Awareness
- Damage Prevention



Natural Gas Reporting Criteria

- TAC Title 16 Part 1 Chapter 8 Subchapter C Rule §8.210
 - An operator must contact the RRC 24hr Pipeline Safety emergency line (512) 463-6788 within two hours following a discovery that involves a release of gas from a pipeline as defined 49 CFR Part 191.3.



Natural Gas Reporting Criteria

- CFR Title 49 Part 191.3
 - (1) An event that involves a release of gas from a pipeline that results in one or more of the following consequences:
 - (i) A death, or personal injury necessitating in-patient hospitalization;
 - (ii) Estimated property damage of \$50,000 or more, including loss to the operator and others, or both, **but excluding cost of gas lost**;
 - (iii) Unintentional estimated gas loss of three million cubic feet or more;



Natural Gas Reporting Criteria

- CFR Title 49 Part 191.3 (continued)
 - (2) An event that results in an emergency shutdown of an LNG facility.
 - (3) An event that is significant in the judgment of the operator, even though it did not meet the criteria of paragraphs (1) or (2) of this definition.



Hazardous Liquid Reporting

- TAC Title 16 Part 1 Chapter 8 sub chapter D Rule §8.301
 - Requires that an operator must contact the RRC 24hr Pipeline Safety emergency line 1-512 463-6788 with in two hours following a discovery that involves a release of a hazardous liquid from a pipeline as defined 49 CFR Part 195.50.



Hazardous Liquid Reporting

- CFR Title 49 Part 195.50 Criteria:
 - Explosion or fire not intentionally set by the operator.
 - Release of 5 gallons or more of hazardous liquid or carbon dioxide,
 - Death of any person;
 - Personal injury necessitating hospitalization;
 - Estimated property damage, including cost of clean-up and recovery, **value of lost product** and damage to the property of the operator or others, or both, exceeding \$50,000.



Hazardous Liquid Reporting

- CFR Title 49 Part 195.50 (continued)
 - except that no report is required for a release of less than 5 barrels resulting from a pipeline maintenance activity if the release is:
 - (1) Not otherwise reportable under this section;
 - (2) Not one described in §195.52(a)(4); (pollution of a body of water)
 - (3) Confined to company property or pipeline right-of-way; and
 - (4) Cleaned up promptly;



Onsite Investigation

- Some incidents/accidents require an inspector(s) to go onsite. Determining factors include:
 - Fatality(s) or Injuries requiring in-patient hospitalization
 - Unintentional fires or pipeline explosion/rupture
 - Significant release
 - Pollution of a body of water
 - Residential or commercial structure explosion
 - Media attention



Accident Investigation



Accident Investigation

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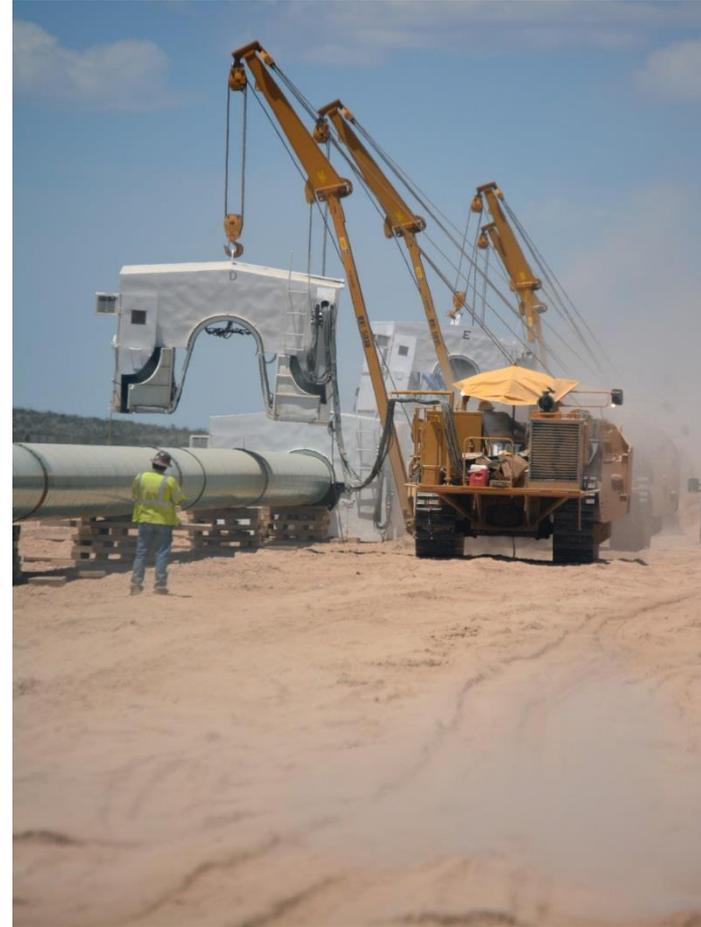


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Accident Investigation



Accident Investigation



Accident Investigation



Accident Investigation



Incident/Accident Follow Up

- In addition to the telephonic report, each operator is required to file a written report with PHMSA and the RRC within 30 days.
- The operator must include:
 - The cost of the incident
 - Final cause of the incident.
 - Amount of product spilled
 - Type and size of material involved
 - Operating information



Complaints

- Act as liaison between the operator and the complainant
- Utilize an RRC database system for tracking purposes
- Make an onsite investigation if required
- Assist public agencies and first responders during emergencies



Questions and Answers

Railroad Commission of Texas

Oversight and Safety Division

Pipeline Safety Department

Mainline 512-463-7058

24 hour emergency line

512-463-6788 or 1-844-773-0305

