

# Who is Pipeline Safety and who is PHMSA?

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# South Dakota Pipeline Safety

- ▶ Pipeline Safety is a part of the Public Utilities Commission
- ▶ Ensure that the intrastate natural gas pipelines in South Dakota operate safely.
  - ▶ Intrastate - only the pipelines contained within the state
  - ▶ Natural Gas pipelines - not hazardous liquid pipelines
- ▶ Inspect pipelines construction, operations and maintenance to ensure they meet the required regulations.
  - ▶ Review records
  - ▶ Observe construction
  - ▶ Spot check facilities in the field

# South Dakota Pipeline Safety

- ▶ Consists of Two People
  - ▶ Mary Zanter, Pipeline Safety Program Manager
  - ▶ Boice Hillmer, Pipeline Inspector
- ▶ There are 13 intrastate natural gas pipeline operators in the state.
  - MidAmerican Energy
  - NorthWestern Energy
  - Montana Dakota Utilities
  - South Dakota Intrastate Pipeline
  - Black Hills Power
  - Xcel Energy
  - Basin Electric
  - Watertown Municipal Utilities
  - Crooks Municipal Utilities
  - Garretson Natural Gas
  - Humboldt Natural Gas
  - Sioux Falls Landfill
  - Eastern Dakotas Renewable Energy

# South Dakota Pipeline Safety

- ▶ State employees but act as an agent for PHMSA.
- ▶ Partially funded by a PHMSA pipeline safety grant (up to 80%, but typically about 70%) and the natural gas operators pay the remainder of our costs.
- ▶ PHMSA reviews each state pipeline safety program annually to determine program adequacy and adjust funding.
- ▶ Damage prevention is one aspect of the regulations that we enforce.
- ▶ Also enforce these regulations:
  - ▶ Operations and Maintenance
  - ▶ Construction
  - ▶ Drug and alcohol program
  - ▶ Operator qualification program
  - ▶ Control room management program
  - ▶ Public awareness program
  - ▶ Integrity management program

# PHMSA - Pipeline and Hazardous Material Safety Administration

- ▶ Part of the Department of Transportation
- ▶ Protect people and the environment
- ▶ Safe transportation of energy and other hazardous materials
- ▶ Establish national policy
- ▶ Sets and enforces standards
- ▶ Educates
- ▶ Conducts research

# PHMSA - Pipeline and Hazardous Material Safety Administration

- ▶ Title 49 CFR Parts 100-185 - Hazardous Material Safety Regulations
- ▶ Title 49 CFR Parts 190-199 - Pipeline Safety Regulation
- ▶ **Part 190 Pipeline Safety Enforcement and Regulatory Procedures**
- ▶ **Part 191 Transportation of Natural and Other Gas by Pipeline; Annual Reports, Incident Reports, and Safety-Related Condition Reports**
- ▶ **Part 192 Transportation of Natural and Other Gas by Pipeline: Minimum Federal Safety Standards**
- ▶ **Part 193 Liquefied Natural Gas Facilities: Federal Safety Standards**
- ▶ Part 194 Response Plans for Onshore Oil Pipelines
- ▶ Part 195 Transportation of Hazardous Liquids by Pipeline
- ▶ Part 196 Protection of Underground Pipelines from Excavation Activity
- ▶ Part 198 Regulations for Grants to Aid State Pipeline Safety Programs
  - ▶ Subpart D State Damage Prevention Enforcement Programs 198.51 - 198.63
- ▶ **Part 199 Drug and Alcohol Testing**

**(Items in red are regulations that are adopted and enforced by pipeline safety in South Dakota.)**

# PHMSA - Pipeline and Hazardous Material Safety Administration

- ▶ PHMSA gets their authorization from Congress.
- ▶ Authorization is renewed every 4 years.
- ▶ Congress can/will require certain rules be implemented in the reauthorization.
- ▶ In the 2006 reauthorization “Pipeline Inspection, Protection, Enforcement, and Safety (PIPES) Act of 2006” revised the federal excavation damage enforcement laws.
- ▶ In 2015, 49 CFR 198 was developed to address the requirements in the 2006 reauthorization.
- ▶ Rulemaking process includes getting public comment prior to implementation.

# PHMSA and Pipeline Safety

- ▶ PHMSA also conducts annual reviews of State excavation damage prevention law enforcement programs.
- ▶ If State Excavation Damage Prevention considered in adequate pipeline safety could lose up to 4% of its federal funding (approximately \$8,000 annually).
- ▶ SDCL [49-34B-8](#). Programs for prevention of damage.
  - ▶ The commission shall encourage and promote programs designed to prevent damage to natural gas pipeline facilities as a consequence of demolition, excavation, tunneling, or construction activity.



# Questions?

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