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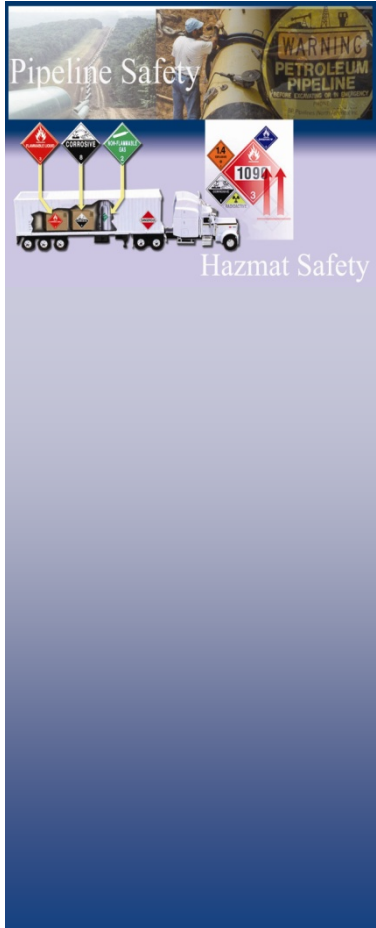
# End of Baseline Assessments

## Status of the Hazardous Liquid Pipeline Integrity Management Program

Jeff Wiese

Associate Administrator

Pipeline Safety





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# Congratulations!

I'm sure all of you have  
completed your baseline  
assessments by now.

Together we've accomplished a  
lot in the last 7 years. Here's  
our perspective.....



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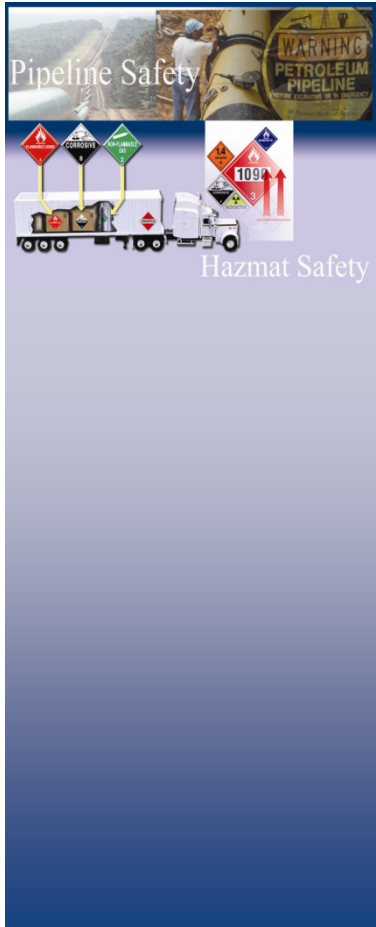
# We started with these IM Program Objectives

- Accelerate and improve integrity assessments in HCAs
- Promote rigorous and systematic integrity management
- Improve our oversight of operator IM Programs
- Increase public confidence in pipeline safety



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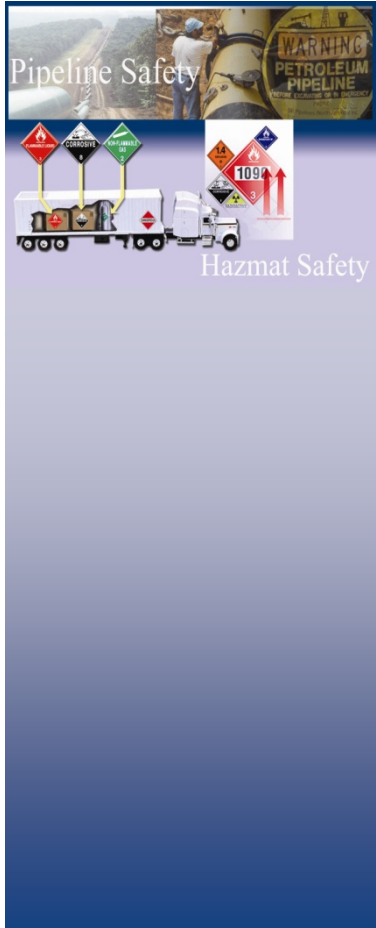
# We structured our IM oversight program using these principles

- **Transparent** IM inspection program development
- **Clear** regulatory expectations
- Nationally **consistent** oversight program
- Focus on **quality** of results
- While recognizing the **challenges** the rule created



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# We see significant benefits from the rule's assessment requirement

- Improved knowledge of sensitive areas near pipelines and how releases can affect HCAs
- Operators have met the 7 year Baseline Assessment deadline
- Significant safety improvement in areas outside of HCAs
  - 44% of pipeline mileage can affect HCAs; but operators assessed 86%
- Periodic re-assessments are well underway



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# It is clear that potentially injurious anomalies are being repaired

## Significant improvement in pipeline condition

**3800** “immediate” conditions repaired

**14,000** “60” and “180” day conditions repaired

**32,000** anomalies remediated that were not required to be addressed by the rule





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However, since pigging alone doesn't address all pipeline failure causes, we require a robust Program to manage integrity

- Identifying HCA-affecting pipeline segments
- Implementing a Baseline Assessment Plan
- Reviewing assessment results, including data integration
- Remediating anomalies
- Analyzing risk on a continuing basis
- Implementing additional preventive and mitigative measures
- Conducting re-assessments
- Measuring and improving IM Program performance



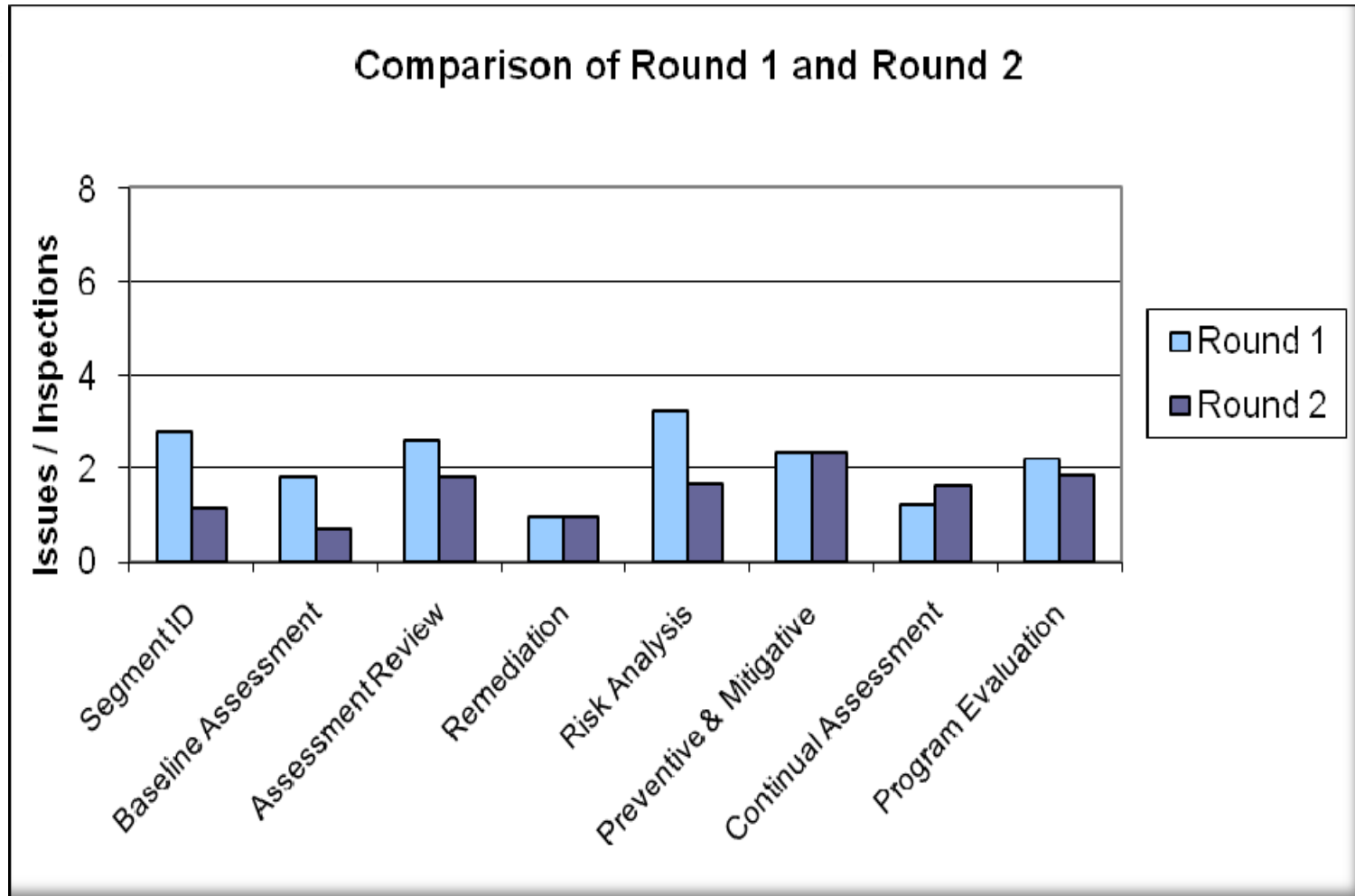
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Hazmat Safety

# Generally, the number and severity of inspection findings is trending downward

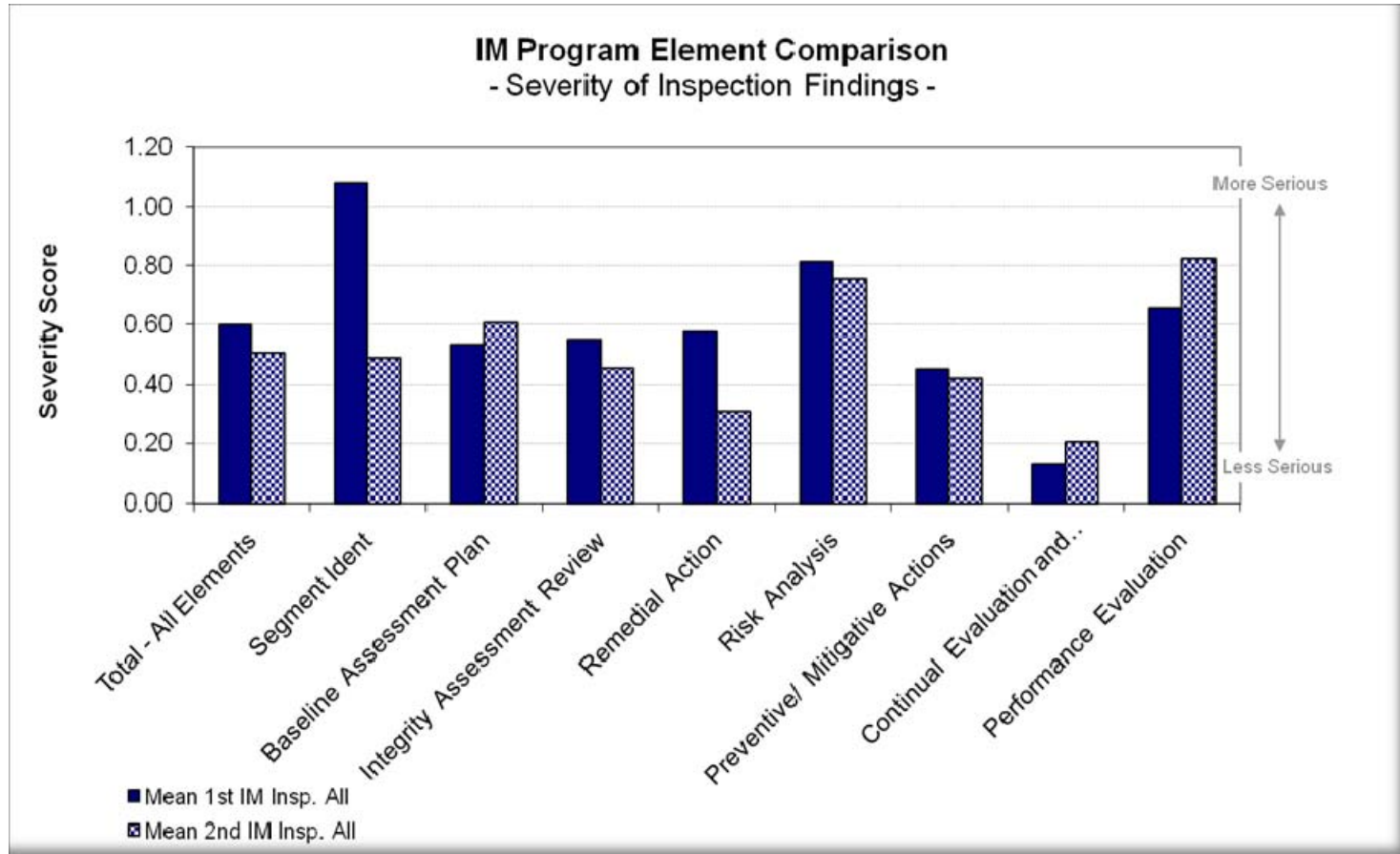
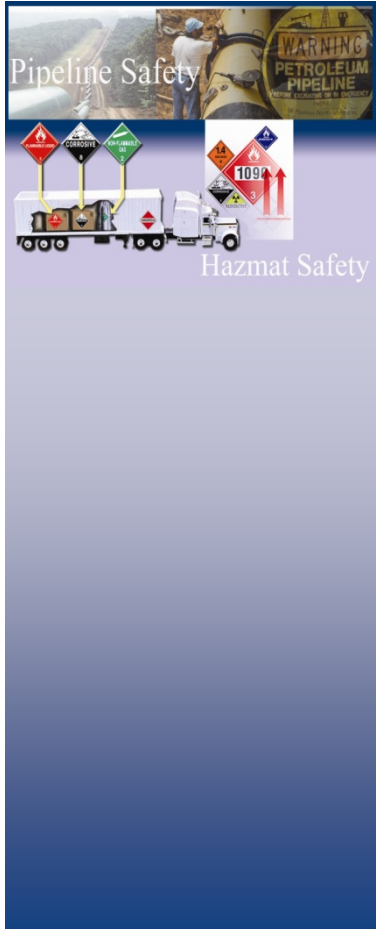




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# Generally, the number and severity of inspection findings is trending downward





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# We still see room for significant improvements in some areas

- Preventive & Mitigative Measures
  - Evaluating Leak Detection Capability
  - Evaluating Emergency Flow Restricting Devices
  - Identifying and implementing additional protective measures
- Periodic evaluation and reassessment
- Data integration
- Performance Measurement



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# The IM inspection approach was a learning experience for all involved

- Protocol-based inspections to support a programmatic inspection approach (vs. “yes/no” checklist)
- Improved inspection data collection and analysis
- Improved focus on risk
  - Paving the way for a new, more integrated inspection approach PHMSA-wide
- Enforcement approach strives to promote operator program development and ongoing improvement



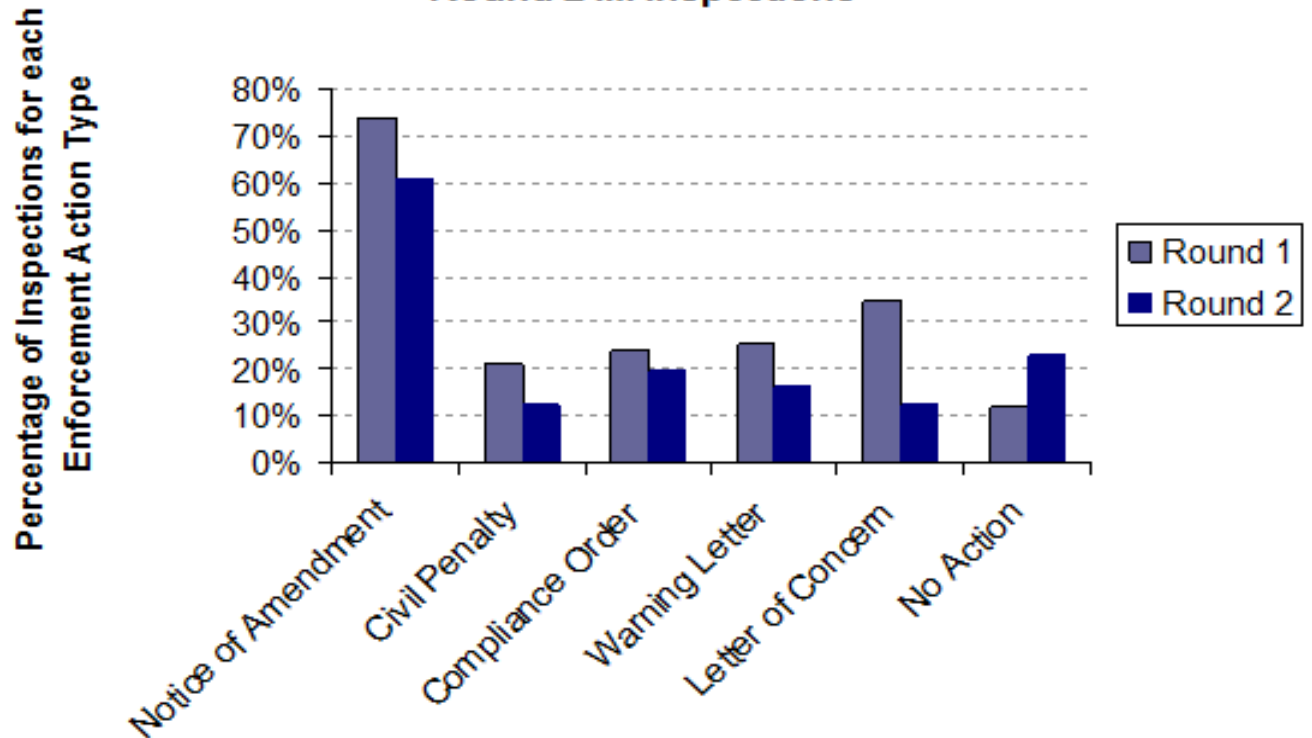
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# We have rigorously enforced this rule

### Comparison of Enforcement Actions for Round 1 and Round 2 IM Inspections



**Notes:** Some inspections have resulted in more than one type of enforcement action being issued.  
**No Action** indicates the number of inspections for which no enforcement action was taken.

Source: PHMSA Hazardous Liquid Integrity Management Database System as of March 20, 2008.

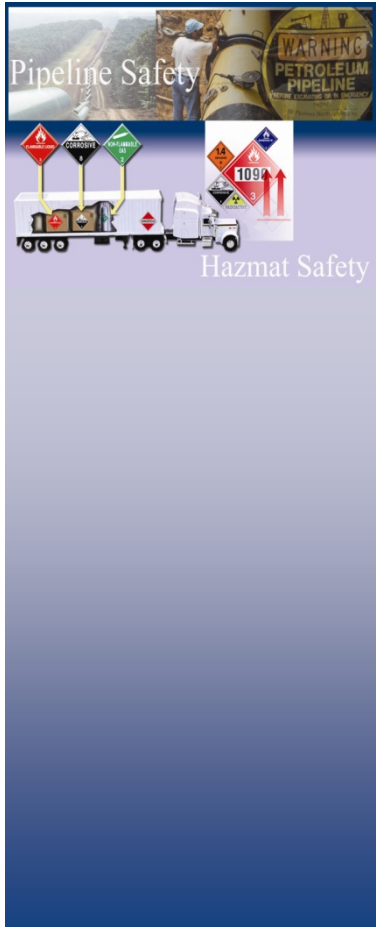


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# We've improved the transparency of our program and decisions

- 3 public workshops
- Implementing Integrity Management Web Site
  - Inspection Protocols
  - FAQs
  - Fact Sheets
  - Flow Chart of IM Process
  - Rule Text and other Reference Material
  - Performance Measures
  - Notification Status





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# And, we are committed to continuing our transparency efforts

- New Enforcement Section of Stakeholder Communications Web Site
  - Operator-specific case information
  - Access to Notice Letters, Operator Responses, and Final Orders
- Coming Soon – More integrated presentation of operator inspection, enforcement, and accident history



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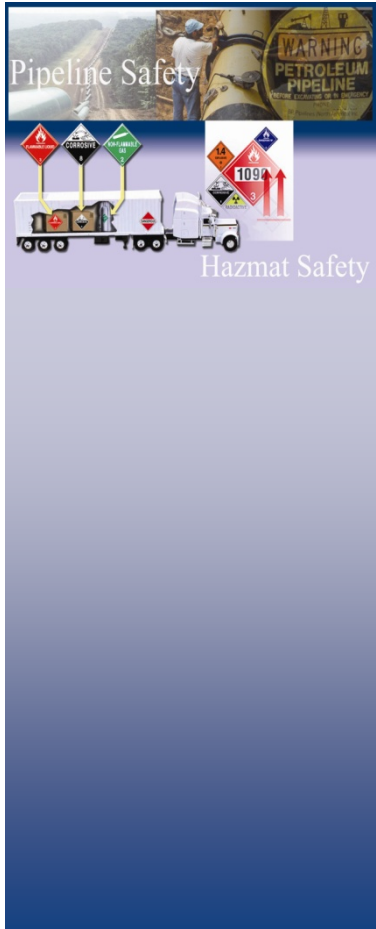
# In summary, we believe...

- Assessments and repairs have improved the condition of the nation's pipelines in the nation's most sensitive areas
- Our understanding of pipe conditions and risk continues to improve through more systematic IM Programs
- We have successfully implemented a new, more programmatic oversight approach
- We've taken unprecedented steps to communicate with and make information available to the public and other stakeholders



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Completing the Baseline  
Assessments is an  
important milestone in  
pipeline safety...

however, sustained  
management of integrity  
must follow.