



Know what's below.

Pipeline Safety
TRUST

Credible.
Independent.
In the public interest.

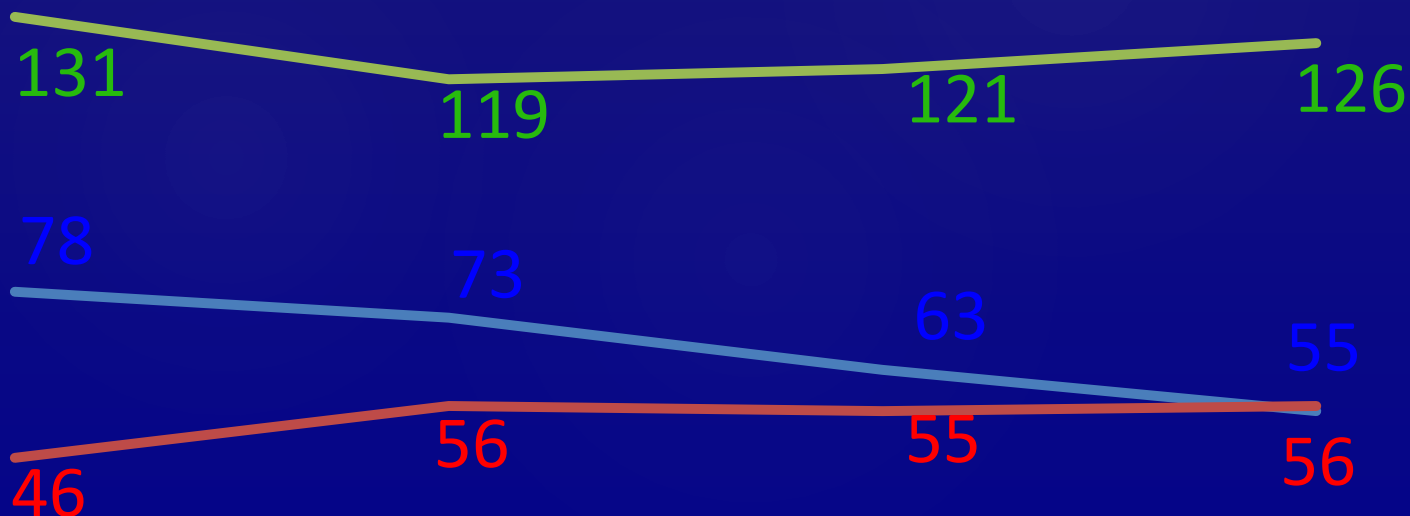
Carl Weimer, Executive Director

Pipeline Safety Priorities
from a
Public Perspective

Where are we at?

Significant Incidents

- Gas Distribution
- Onshore Gas Transmission
- Onshore Hazardous Liquid



20 Year Average

10 Year Average

5 Year Average

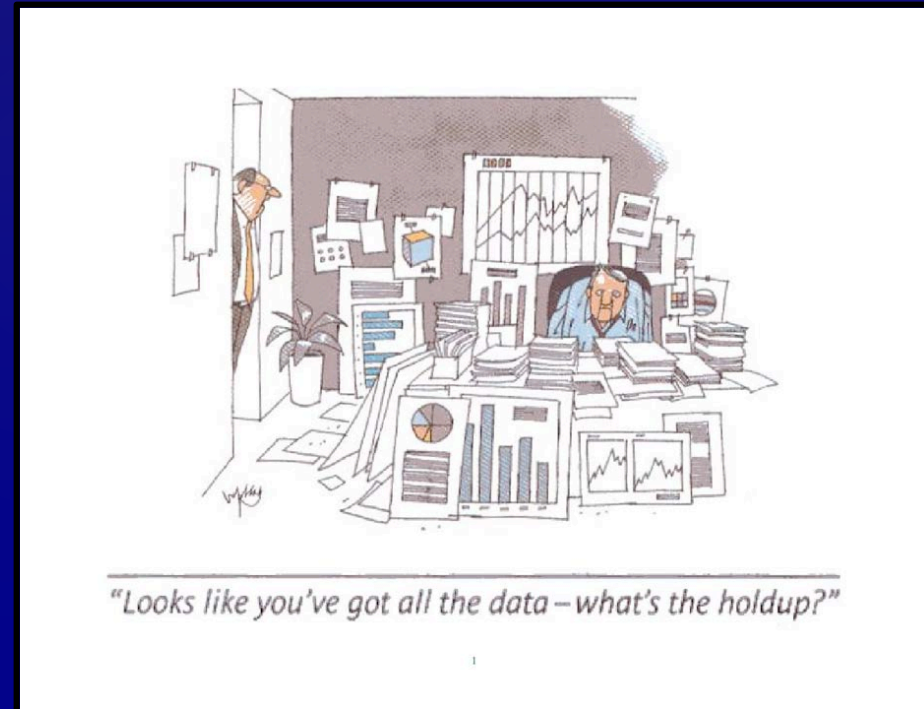
3 Year Average

Public's Attention to Pipeline Safety 2013



Get PHMSA rules and reports released and provide comment

- Hazardous Liquids
- Natural Gas
- Gathering Lines
- Integrity Verification & IMP 2.0
- Facility Response Planning



Develop clear asks for Congress

- Gas Gathering Lines
- Mandatory fines
- Public convenience and necessity vs. Corporate convenience and necessity
- Participant Funding
- Spill Planning Transparency & Involvement

Regulatory Agenda

Priority on Prevention – Getting to zero

- Expanding & Improving Integrity Management
 - Better assessments (tools, response, pigability)
 - Better records (IVP)
 - Better systems (SMS)
- Construction Improvements
- Damage Prevention (human & natural)
- Gathering Lines
- Pipeline Routing Reform
- Information Transparency and Dissemination

Construction Improvements



A better understanding of how well construction is currently being done and inspected.

Damage Prevention



Better risk management for water crossings and unstable areas



Gathering Lines

PHMSA should revise the regulations governing gas gathering lines to:

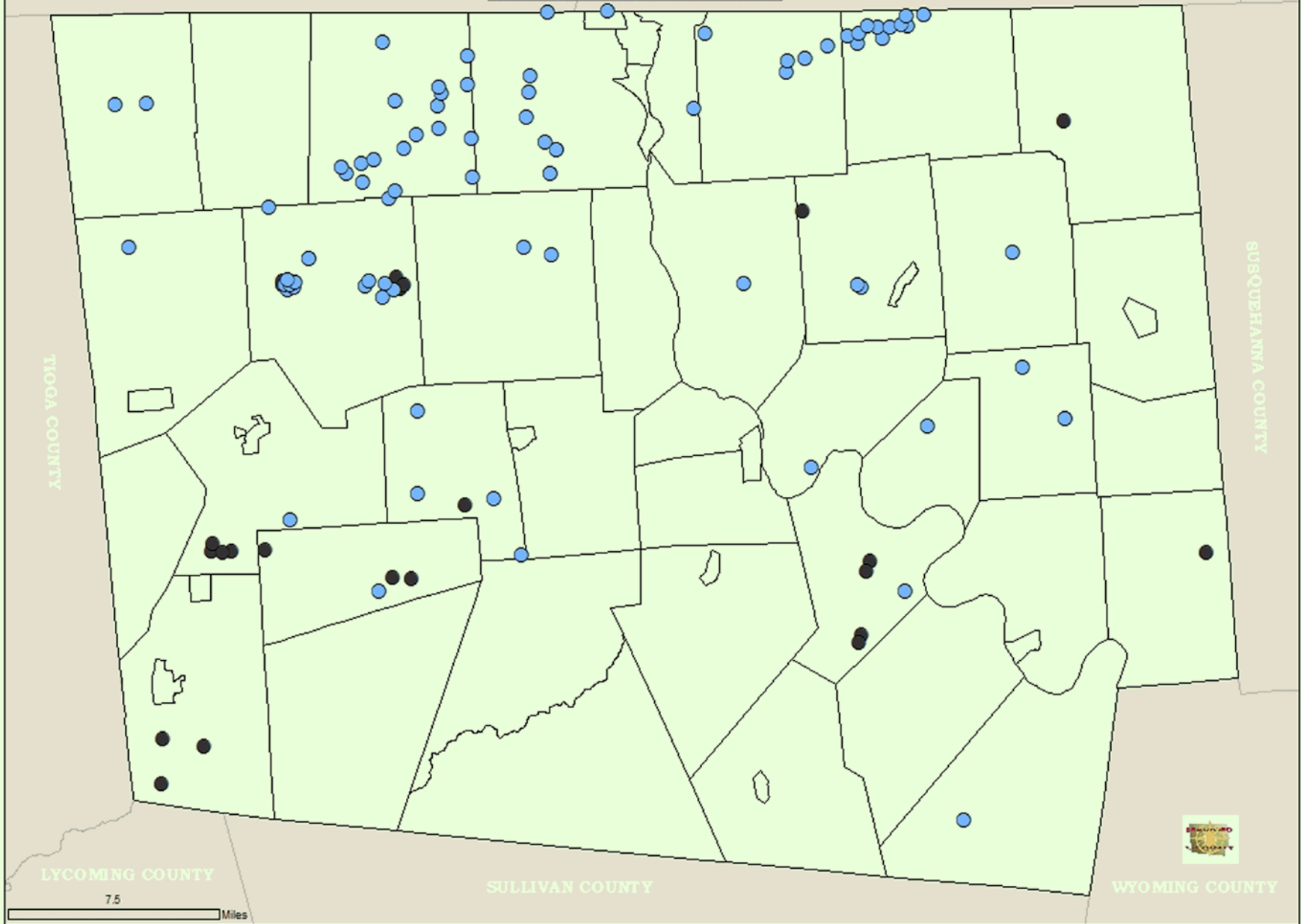
- 1) clarify the definition of where gathering lines begin;
- 2) require all onshore gathering lines, regardless of class location, to meet the same requirements as transmission lines, including integrity management;
- 3) require reporting of incidents and safety related conditions on all gathering lines, and add gathering line locations to the NPMS.

CHEMUNG COUNTY

QUARTERLY PROGRESSION
OF GAS WELL PERMITS

TIOGA COUNTY

OCTOBER 2008



TIOGA COUNTY

SUSQUEHANNA COUNTY

LYCOMING COUNTY

SULLIVAN COUNTY

WYOMING COUNTY

7.5 Miles

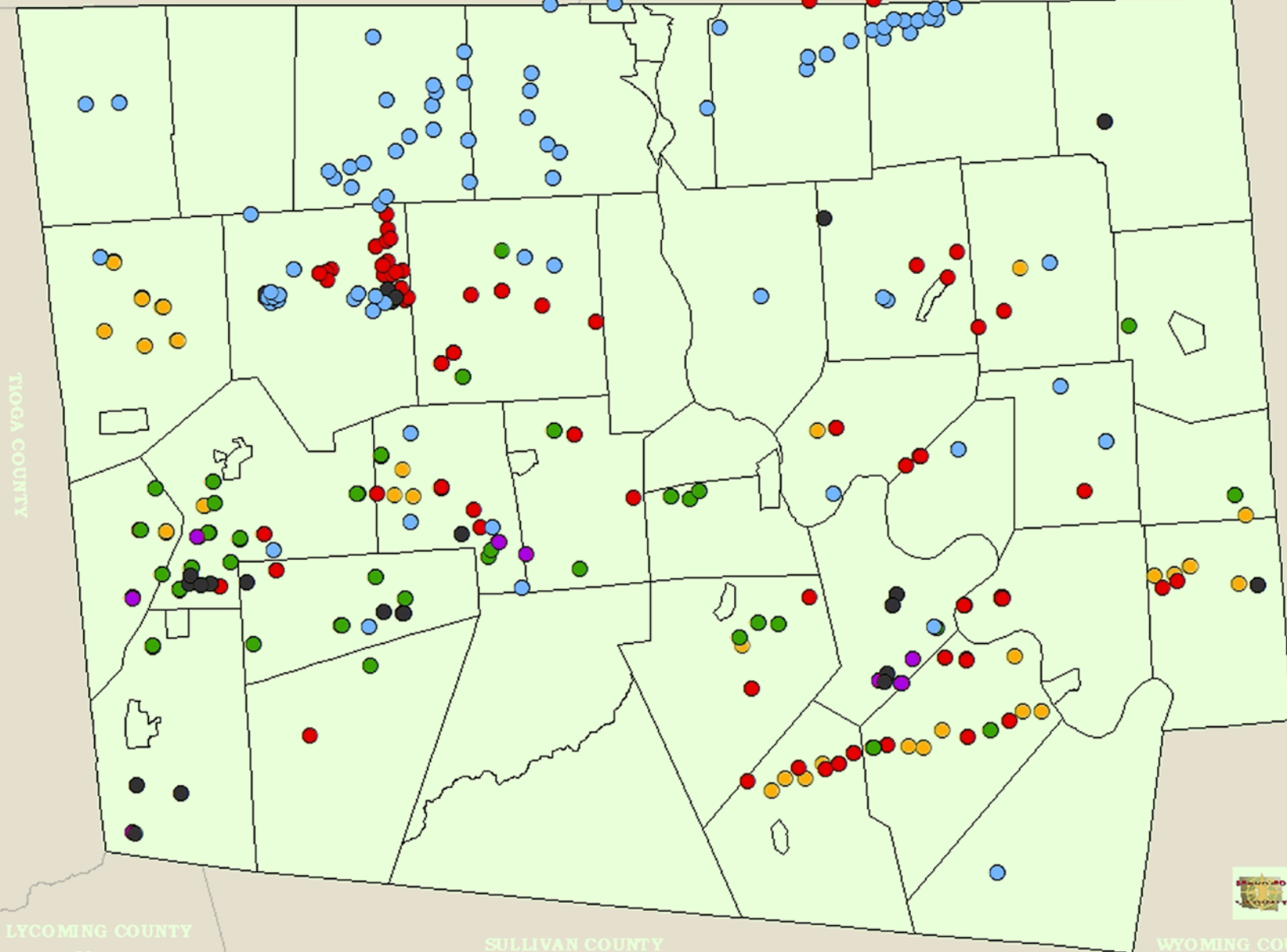


CHEMUNG COUNTY

QUARTERLY PROGRESSION
OF GAS WELL PERMITS

TIOGA COUNTY

OCTOBER 2009



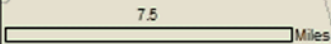
SUSQUEHANNA COUNTY

TIOGA COUNTY

LYCOMING COUNTY

SULLIVAN COUNTY

WYOMING COUNTY

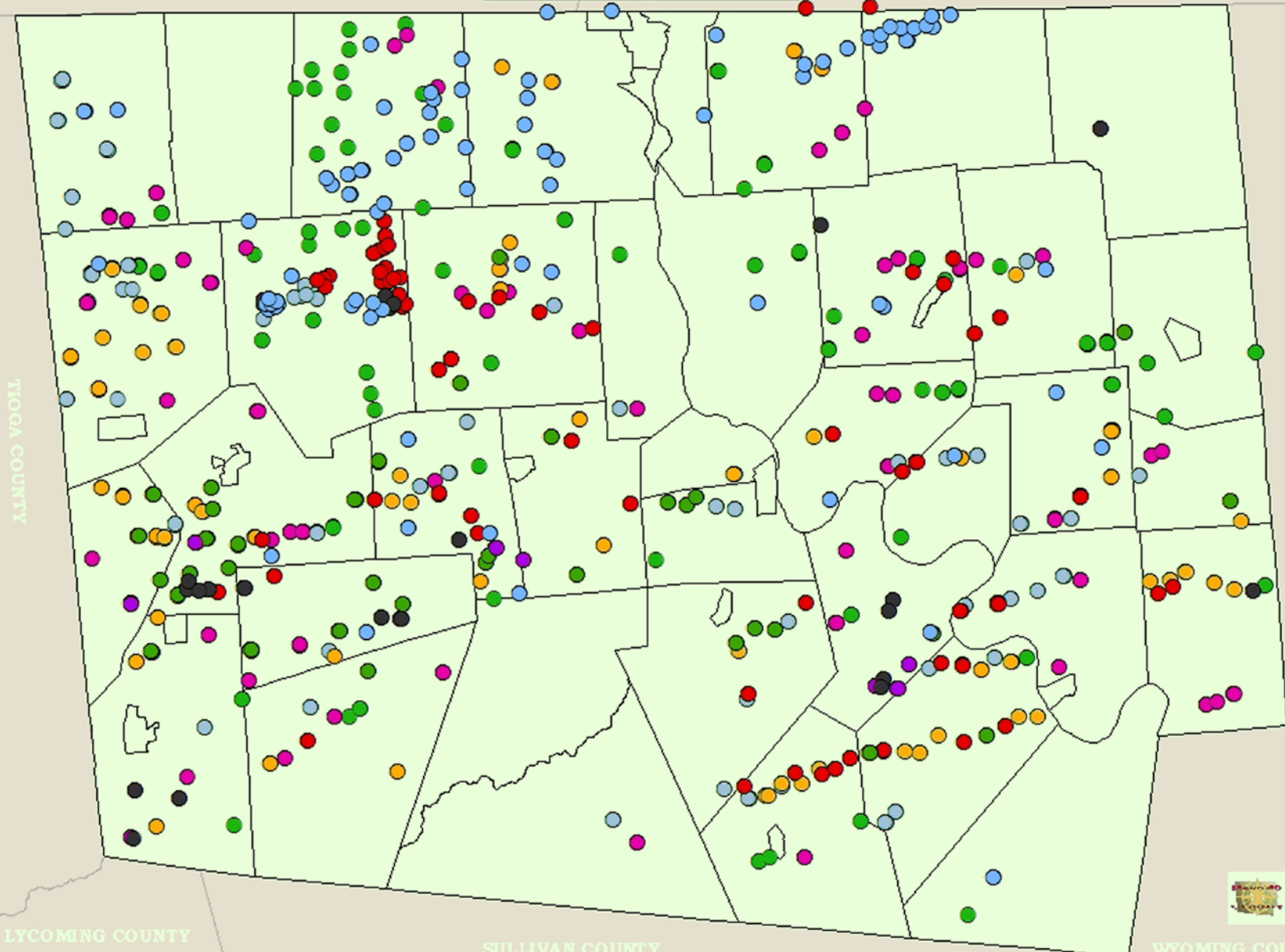


CHEMUNG COUNTY

QUARTERLY PROGRESSION
OF GAS WELL PERMITS

TIOGA COUNTY

OCTOBER 2010



TIOGA COUNTY

SUSQUEHANNA COUNTY

LYCOMING COUNTY

SULLIVAN COUNTY

WYOMING COUNTY

7.5

Miles

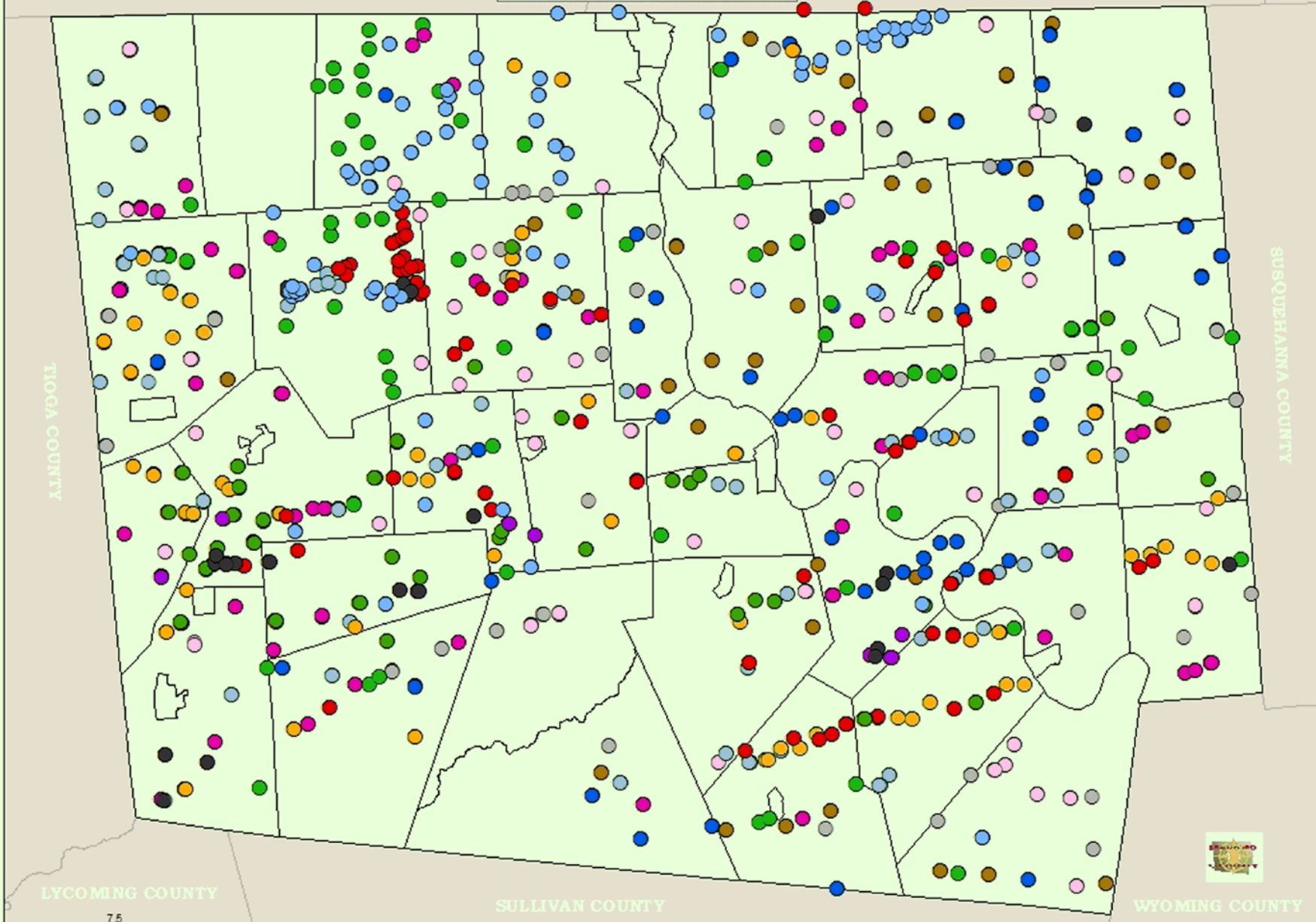


CHEMUNG COUNTY

QUARTERLY PROGRESSION
OF GAS WELL PERMITS

TIOGA COUNTY

OCTOBER 2011



TIOGA COUNTY

SUSQUEHANNA COUNTY

LYCOMING COUNTY

SULLIVAN COUNTY

WYOMING COUNTY

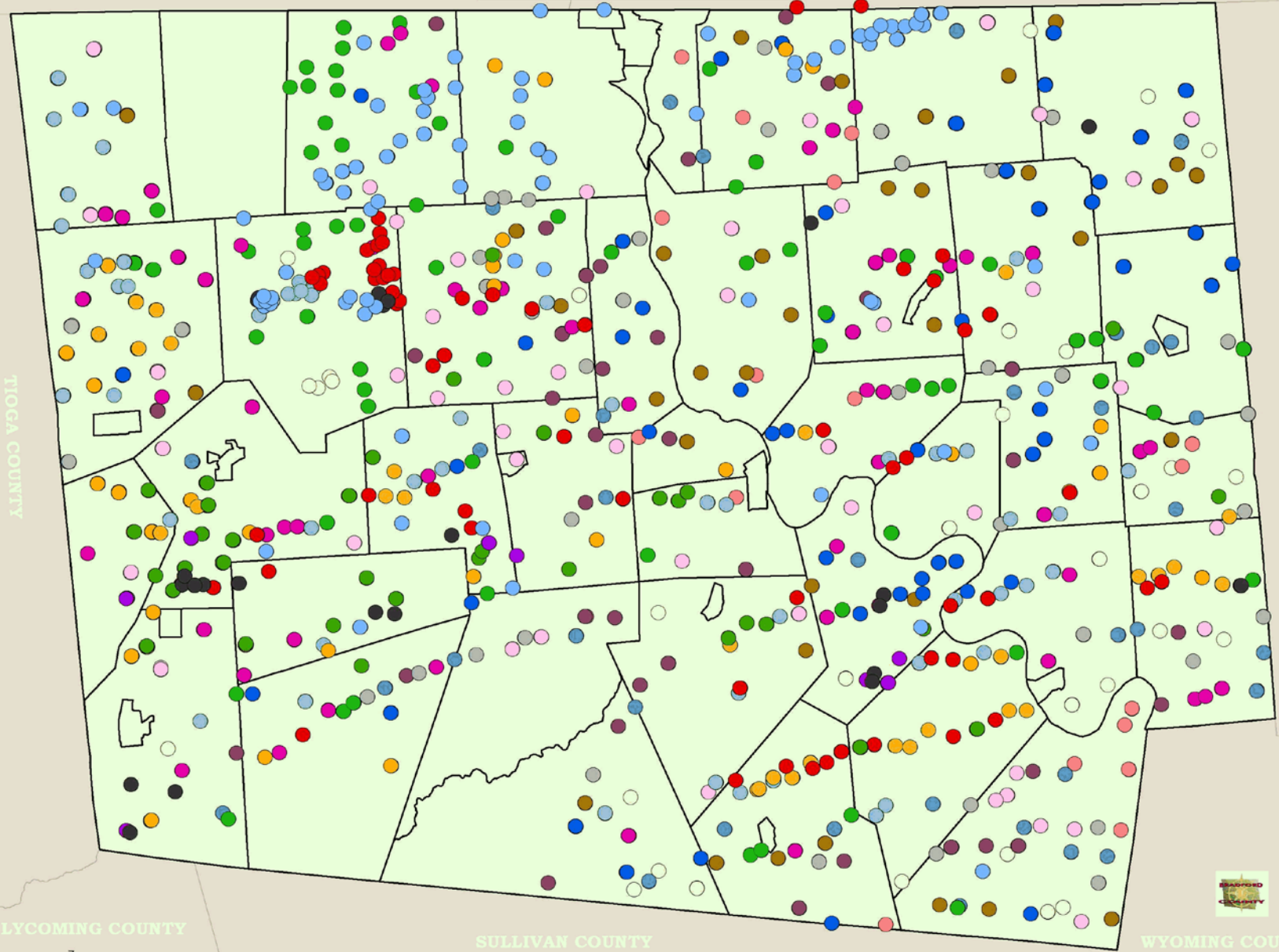


CHEMUNG COUNTY

QUARTERLY PROGRESSION OF GAS WELL PERMITS

TIOGA COUNTY

OCTOBER 2012



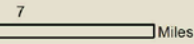
SUSQUEHANNA COUNTY

TIOGA COUNTY

LYCOMING COUNTY

SULLIVAN COUNTY

WYOMING COUNTY



Pipeline Routing Reform

- Clear permitting system for new liquid and intrastate gas pipelines
- Better requirement or incentive to avoid populated areas
- Regulation of land agents
- Establish minimum landowner rights if eminent domain is a possibility – including legal fees for contract review
- Redefine FERC's definition of "necessity"
- Real estate disclosure of transmission pipelines



Regulatory Agenda

Secondary Issues – Response

- Automated Valves
- Leak Detection
- Community Training and Response
- Quantifying leaks from gas lines



Regulatory Agenda

Regulator Issues

- Adequate resources
- Increased and non-discretionary fines
- Measurable metrics for regulator performance
- Countering “regulatory capture”
- Greater transparency from regulators
- Timeliness of rules

Implement new, and continue current programs

- Expand conference, increase attendance, fundraise for citizen travel

Public Necessity or
Corporate Convenience

November 20 & 21, 2014
Royal Sonesta Hotel
New Orleans, Louisiana



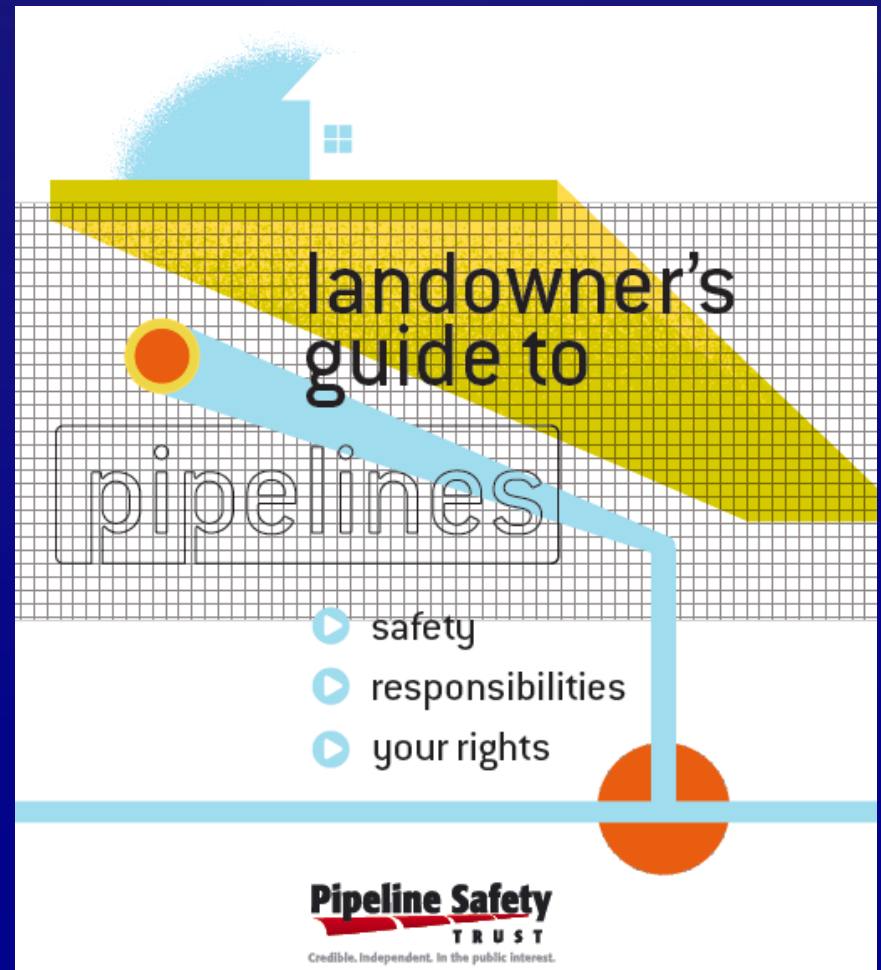
Why's the conference important?



November 20 & 21, 2014
Royal Sonesta Hotel
New Orleans, Louisiana

Implement new, and continue current programs

- Complete Local Government Guide to Pipelines
- Reprint Landowners Guide to Pipelines



Implement new, and continue current programs

Scorecards

- Expand regulator scorecard

| | Finding agency web site | Contacts for agency staff | Access to statutes, regulations | Describe what state regulates | Transmission pipeline maps | Pipeline company contact info | Incident data | Enforcement data | Excavation damage data | Inspection records | Total(out of a possible 32 points) |
|-------------------------------|-------------------------|---------------------------|---------------------------------|-------------------------------|----------------------------|-------------------------------|---------------|------------------|------------------------|--------------------|------------------------------------|
| Washington | 3 | 3 | 4 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 31 |
| Arkansas | 2 | 3 | 4 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 30 |
| Minnesota | 3 | 3 | 4 | 3 | 3 | 2 | 3 | 2 | 1 | 0 | 24 |
| Connecticut | 3 | 2 | 4 | 3 | 3 | 1 | 3 | 2 | 3 | 0 | 24 |
| South Dakota | 3 | 3 | 3 | 2 | 3 | 2 | 3 | 2 | 0 | 0 | 21 |
| Pennsylvania | 2 | 3 | 4 | 2 | 3 | 1 | 3 | 3 | 0 | 0 | 21 |
| Texas | 3 | 1 | 4 | 3 | 3 | 2 | 3 | 1 | 0 | 0 | 20 |
| West Virginia | 3 | 2 | 3 | 2 | 3 | 1 | 3 | 1 | 0 | 0 | 18 |

Scorecards

- Pipeline operators – transparency & safety

| INGAA Operator Data - 2006 - 2013 | | | | | | | | | | | | | |
|-----------------------------------|---------------------------|-----------------------|--------|----------|-----------------|--|-----------------------|---------------------------------------|------------------------------|------------------------|------------------------------|--------------------------|----------------------------|
| Op ID | Gas Transmission Miles | Incidents 2006 - 2013 | Deaths | Injuries | Property Damage | Federal Enforcement Actions Initiated* | Proposed Penalties* | Incidents/mile of pipe | Property Damage/mile of pipe | | | | |
| 31199 | 880 | 0 | 0 | 0 | \$0 | 4 | \$0 | 0 | \$0 | | | | |
| Alliance Pipeline | | | | | | | | | | | | | |
| 31199 | 880 | 0 | 0 | 0 | \$0 | 4 | \$0 | 0 | \$0 | | | | |
| Boardwalk Pipelines | | | | | | | | | | | | | |
| 32299 | 349 | 0 | 0 | 0 | \$0 | 0 | \$612,100 | 0.00438468 | \$5,127 | | | | |
| 31728 | 6842 | 30 | 1 | 1 | \$35,077,670 | 9 | \$382,500 | 0.00263678 | \$459 | | | | |
| 19270 | 6068 | 16 | 0 | 1 | \$2,787,425 | 6 | \$994,600 | 0.00346934 | \$2,856 | | | | |
| Boardwalk Pipelines Totals | | | | | | | | | | | | | |
| 13259 | 13259 | 46 | 1 | 2 | \$37,865,095 | 15 | \$0 | 0.00136705 | \$98 | | | | |
| 31846 | 1463 | 2 | 0 | 0 | \$143,100 | 1 | \$0 | 0.00653983 | \$580 | | | | |
| AOPL Operator Data - 2006 - 2013* | | | | | | | | | | | | | |
| Op ID | Liquid Transmission Miles | Incidents 2006 - 2013 | Deaths | Injuries | Property Damage | Barrels Spilled | Barrels not recovered | Federal Enforcement Actions Initiated | Proposed Penalties* | Incidents/mile of pipe | Property Damage/mile of pipe | Gallons spilled per mile | Gallons not recovered/mile |
| BP Pipelines (North America) Inc. | | | | | | | | | | | | | |
| 18386 | 514 | 3 | 0 | 0 | \$829,350 | 294 | 70 | 3 | \$0 | 0.00584 | \$1,614 | 24.0 | 5.7 |
| 31189 | 2,183 | 39 | 0 | 0 | \$5,026,830 | 1,355 | 204 | 6 | \$66,300 | 0.01787 | \$2,303 | 26.1 | 3.9 |
| 1541 | 119 | 1 | 0 | 0 | \$3,080 | - | - | 15 | \$268,000 | 0.00840 | \$26 | - | - |
| 32044 | 2 | 7 | 0 | 0 | \$503,720 | 394 | 294 | 0 | \$0 | 0.20213 | \$251,860 | 8,274.0 | 6,174.0 |
| 31610 | 94 | 19 | 0 | 0 | \$6,719,000 | 1,718 | 116 | 2 | \$0 | 0.20213 | \$71,479 | 767.6 | 51.8 |
| Total BP Pipelines | | | | | | | | | | | | | |
| 31878 | 2,912 | 69 | 0 | 0 | \$13,081,980 | 3,761 | 684 | 26 | \$334,300 | 0.02370 | \$4,492 | 54.2 | 9.9 |
| Bridger Pipeline LLC | | | | | | | | | | | | | |
| 31878 | 316 | 9 | 0 | 0 | \$175,244 | 258 | 68 | 3 | \$70,000 | 0.02848 | \$555 | 34.3 | 9.0 |
| Buckeye Partners | | | | | | | | | | | | | |
| 1845 | 4,950 | 96 | 0 | 0 | \$38,298,666 | 6,784 | 1,468 | 32 | \$2,916,000 | 0.01939 | \$7,737 | 57.6 | 12.5 |
| 31371 | 1,103 | 5 | 0 | 0 | \$349,865 | 35 | 35 | 1 | \$0 | 0.00453 | \$317 | 1.3 | 1.3 |
| Total Buckeye | | | | | | | | | | | | | |
| 2170 | 6,053 | 101 | 0 | 0 | \$38,648,531 | 6,819 | 1,503 | 33 | \$2,916,000 | 0.01669 | \$6,385 | 47.3 | 10.4 |
| CENEX Pipeline, LLC | | | | | | | | | | | | | |
| 2170 | 664 | 13 | 0 | 0 | \$850,920 | 1,070 | 67 | 13 | \$76,500 | 0.01958 | \$1,282 | 67.7 | 4.2 |

Implement new, and continue current programs

- Undertake RFQ for pipeline expertise for communities



ASK THE EXPERTS

Implement new, and continue current programs

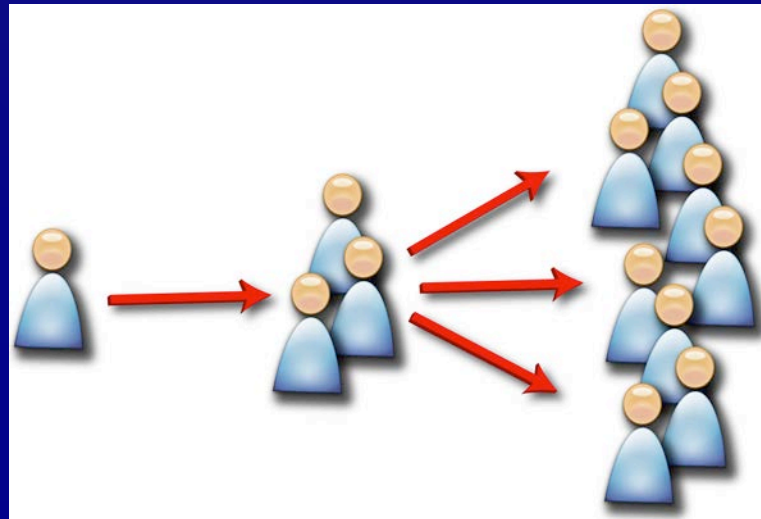
- Data Quality & Measurable Metrics Groups
- Public Awareness Work Group
- Hazardous Liquids Technical Advisory Committee
- Governor's Citizen Committee on Pipeline Safety
- Pipelines and Informed Planning Alliance

Implement new, and continue current programs

- Respond to public and local government requests for assistance
- Respond to media
- Provide public interest based perspective

Increase Organizational Capacity

- Ramp Up Social Marketing
- Increase outreach to affected communities
- Expand Trust endowment
- Investigate organizational membership
- Investigate various organizational advisory committees



Thanks for Listening!
Questions?



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