## Meeting Notes

1. Meet new PIPA team member representing AOPL –Aaron Martinez, DOT Compliance Representative, NuStar Energy. Aaron is also participating on the hazard mitigation pilot with VDEM. NuStar Energy has 8,000 miles of pipelines in 23 states. Aaron is responsible for corporate pipelines safety programs, emergency response planning, and public awareness. His experience prior to NuStar included working at the Texas EPA and in emergency response with Corpus Christie. He is located in San Antonio.
2. Update on Hazard Mitigation Plans for Pipelines -
   1. Greg Ford, Dwayne Teschendort, & Aaron Martinez are participating in VDEM pilot.
   2. Julie will work on getting a VA code official at the July meeting in Virginia.
   3. The group has spent some time getting to understand each others’ needs and potential benefits from participating in the pilot. The deliverables will be (1) a primer for hazard mitigation managers on pipelines, (2) a primer for pipelines operators on hazard mitigation planning, and (3) an enhancement of VA’s plans to incorporate the effect of natural hazards on pipelines. We need to determine the scope and develop a timeline for deliverables with VDEM.
   4. Pipeline operators have a deliverable due this week to Matt. He is looking for a way to assess the locations along the pipeline that have the greatest potential impacts (or consequences).
   5. Risk in mitigation planning is defined as = (hazard x vulnerability)/capacity to cope

Risk = a calculation representing the total impacts from the hazard modified by mitigation and response

Hazard = the identification of risks (think “pipeline failure” and the impacts as quantified by the spreadsheet [life, property, environment, C&H, economic])

Capacity to Cope = the means, mechanisms, or processes in place to reduce the impacts of the events (mitigation and response)

The following concerns have been expressed with developing such a matrix:

* + 1. Could the information be used to harm the public by identifying areas where damaging a pipeline could have the greatest impacts? How will this information remain secure?
    2. The matrix would be used to evaluate existing pipelines & new communities, existing pipelines & existing communities, and new pipelines & existing communities. The information needs to be communicated in a manner which does not create fear but provides an informed understanding of risk.
    3. How would the information be used by the media or others? Would the information be used to compare one pipelines “riskiness” factor to another or to label a particular pipeline as “risky”?
  1. Greg – The discussion with VDEM last week was beneficial as it made both sides more aware of their respective issues and what they sought to benefit from through participation in the pilot.S

1. July Meeting Information – logistics still in progress.
   1. July 24
      1. Meet at VDEM’s office at 10 am.
      2. PIPA Team meeting from 10-11 am.
      3. 11 am – meet with VDEM
      4. Will arrange for lunch to be brought in for a working lunch.
      5. Discussion of the pilot program with VDEM:
         1. Update VA HMP to include impacts of natural hazards on pipelines. Later to be expanded to other infrastructure.
         2. Primer for operators regarding hazard mitigation plans.
         3. Primer for emergency management/hazard mitigation managers regarding pipelines. Basis is Pipeline Emergencies and PST Landowners Guide.
         4. VDEM may want promotional pieces to use in discussing pipelines and hazard mitigation with land owners/managers.
      6. 6:30 pm Team dinner at Bookbinders in Richmond.
   2. July 25 **(NOTE THE ORDER OFTASKS HAS BEEN CHANGED FROM PREVIOUS COMMUNICATION)**
      1. 8 am - Develop Communications Plan for next year. Discuss public awareness and land use planning synergies.
      2. Discussion with VA land development code official about PIPA RPs and what implementation might look like in VA.
      3. Discuss revamp of PIPA external website and PIPA Communication Team webpage. Please bring ideas.
      4. Close at 2 pm.
2. To be covered at July’s conference call:
   1. Review what hazard mitigation planning process and review VA’s hazard mitigation plan. Discuss what benefits we are hoping to achieve from the process.
   2. Susan Waller – INGAA is exploring integrating PIPA into other aspects of their public awareness program and potentially their emergency response outreach. Susan will provide a briefing on their plans at the next meeting.

## Participants

| **Name** | **Organization Representing** | **Company** | **Email** |
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| Cynthia Munyon\* | NAPSR | Iowa Utilities Board | [cynthia.munyon@iub.iowa.gov](mailto:cynthia.munyon@iub.iowa.gov) |
| Steve Fischer | PHMSA | Pipeline and Hazardous Materials Safety Administration | [Steve.fischer@dot.gov](mailto:Steve.fischer@dot.gov) |
| Julie Halliday\* | PHMSA | Pipeline and Hazardous Materials Safety Administration | [Julie.Halliday@dot.gov](mailto:Julie.Halliday@dot.gov) |
| Andrew Kohout | FERC | Federal Energy Regulatory Commission | [andrew.kohout@ferc.gov](mailto:andrew.kohout@ferc.gov) |
| Doug Sipes | FERC | Federal Energy Regulatory Commission | [doug.sipes@ferc.gov](mailto:doug.sipes@ferc.gov) |
| James Davenport | NACo | National Association of Counties | [jdavenport@naco.org](mailto:jdavenport@naco.org) |
| Jim Philipps | NACo | National Association of Counties | [jphilipps@naco.org](mailto:jphilipps@naco.org) |
| Chuck Lesniak | NLC | City of Austin, TX | [chuck.lesniak@austintexas.gov](mailto:chuck.lesniak@austintexas.gov) |
| Julia Pulidindi | NLC | National League of Cities | [pulidindi@nlc.org](mailto:pulidindi@nlc.org) |
| Debbie Bassert | NAHB | National Association of Home Builders | [dbassert@nahb.org](mailto:dbassert@nahb.org) |
| Erika Lee | CGA | Common Ground Alliance | [erikaa@commongroundalliance.com](mailto:erikaa@commongroundalliance.com) |
| Rebecca Craven | PST | Pipeline Safety Trust | [rebecca@pstrust.org](mailto:rebecca@pstrust.org) |
| Carl Weimer | PST | Pipeline Safety Trust | [carl@pstrust.org](mailto:carl@pstrust.org) |
| Terri Larson | API | Enbridge Energy Company, Inc. | [terri.larson@enbridge.com](mailto:terri.larson@enbridge.com) |
| Aaron Martinez | AOPL | NuStar Energy | Aaron.Martinez@nustarenergy.com |
| Greg Ford | INGAA | Williams | [Greg.r.ford@williams.com](mailto:Greg.r.ford@williams.com) |
| Andrea Grover | INGAA | Spectra Energy | [ADGrover@spectraenergy.com](mailto:ADGrover@spectraenergy.com) |
| Dwayne Teschendorf | INGAA | Spectra Energy | [DETeschendorf@spectraenergy.com](mailto:DETeschendorf@specgtraenergy.com) |
| Susan Waller | INGAA | Spectra Energy | [SDWaller@spectraenergy.com](mailto:SDWaller@spectraenergy.com) |
| Phil Bennett | AGA | American Gas Association | [pbennett@aga.org](mailto:pbennett@aga.org) |
| Chuck Kanoy | AGA | Vectren | [bckanoy@vectren.com](mailto:bckanoy@vectren.com) |
| Lydia Meigs | AGA | American Gas Association | [lmeigs@aga.org](mailto:Lmeigs@aga.org) |
| Matthew Wall | VDEM | Virginia Department of Emergency Management | [Matthew.Wall@vdem.virginia.gov](mailto:Matthew.Wall@vdem.virginia.gov) |
| Herb Wilhite | Cycla | Cycla Corporation | [herbw@cycla.com](mailto:herbw@cycla.com) |
| \* Co-Leaders |  |  |  |