

Discussion Prioritization - November 18 Meeting

AGRICULTURE				
Answer Options	Disagree	Agree	Neutral	Wish to Discuss
1. Educate Landowners on Pipeline Development Issues	0	30	3	2
2. Build a GIS Database of PA's Farms	0	22	9	4
<i>answered question - 35</i>				
<i>skipped question - 2</i>				

AGRICULTURE AND CONSERVATION AND NATURAL RESOURCES				
1. Develop Best Management Practices Manual for Pipeline Development on Agricultural Operations	1	17	2	15
<i>answered question - 35</i>				
<i>skipped question - 2</i>				

CONSERVATION AND NATURAL RESOURCES				
9. Require Post-Construction Monitoring for 5 Years	6	9	5	15
7. Implement Full-Time Environmental Inspections During Pipeline Construction	5	13	3	14
8. Monitor Water Quality During Construction	5	16	2	12
2. Develop Public Access to Pipeline GIS Information	5	13	3	14
1. Communicate Pipeline Development Conservation Practices to the Public	0	23	2	10
3. Use a Landscape Approach for Planning and Siting Right-of-Way Corridors	3	13	4	15
4. Give Special Consideration to Protected / Designated Lands in Pipeline Siting	2	17	4	12
5. Mitigate the Loss of Public Use of Public Lands Resulting from Pipeline Development	3	12	5	15
6. Avoid Geological Hazards During Planning	2	15	3	15
10. Tie Permitting Standards to the Duration of Impact	2	8	7	18
11. Implement a Mitigation Bank to Improve Water Quality	1	15	7	12
12. Reduce Forest Fragmentation in Pipeline Development	2	17	6	10

Answer Options	Disagree	Agree	Neutral	Wish to Discuss
13. Promote Biodiversity in Pipeline Development	1	23	4	7
14. Develop Rare Species Work Windows to Avoid Impacts	4	16	4	11
15. Minimize Impacts to Riparian Areas at Stream Crossings	0	22	4	9
16. Promote Wildlife Habitat Opportunities Along Pipeline Corridors	0	24	3	8
17. Restore and Maintain a Border Zone in Forested Areas	3	17	4	11
18. Minimize Aesthetic Impacts in Pipeline Development	1	22	0	12
19. Minimize Recreational Impacts in Pipeline Development	1	22	0	12
20. Provide Recreational Opportunities in Pipeline Development	2	18	2	13
21. Reseed Right-of-Ways Using Native Plants	0	23	3	9
22. Use Pennsylvania-Sourced Plant and Seed Vendors and Landscape Services	1	21	4	9
23. Require Performance-Based Metrics for Long-Term Maintenance of Right-of-Ways	2	14	5	14
24. Prevent Invasive Plant Species Establishment	1	23	3	8
25. Finalize Functional Protocols for Impacts and Offsets	0	18	5	12
26. DEP Should Follow the 2008 Final Mitigation Rule for all Mitigation Sites	0	10	10	15
<i>answered question - 35</i>				
<i>skipped question - 2</i>				

COUNTY GOVERNMENT				
9. Require Shared Right-of-Ways	7	11	4	13
7. Develop Advisory Standards for Pipeline Setbacks and Buffers	5	15	2	13
8. Amend Municipalities Planning Code to Empower County Comprehensive Plan	5	10	6	14
1. Counties Should Partner in Implementation of Task Force Recommendations	0	23	5	7
2. Counties Should Include Pipelines Development in County Comprehensive Plans	3	18	3	11
3. Counties Should Make GIS Mapping Available to Operators and Require Them to Provide Their Mapping to Counties and Municipalities	3	14	3	15

Answer Options	Disagree	Agree	Neutral	Wish to Discuss
4. Develop Training Opportunities for County Officials	0	26	5	4
5. Develop Tools to Educate the Public on Pipeline Development	0	23	3	9
6. Operators Should Engage in Timely Communications	0	21	4	10
10. Empower GIS Mapping	0	20	7	8
11. Create a Commonwealth Library of Pipeline Information	1	26	3	5
12. Require Pipeline Abandonment Plans	2	15	7	11
<i>answered question - 35</i>				
<i>skipped question - 2</i>				

EMERGENCY PREPAREDNESS				
1. Standardize Emergency Response Plans	1	24	3	7
2. Train Emergency Responders	0	32	1	2
3. Require Infrastructure Mapping	0	22	0	13
4. Coordinate Pipeline Mapping Plans	0	20	4	11
5. PUC Should Develop a Comprehensive List of Pipeline Classifications	2	17	5	11
6. Enhance Emergency Response Training for Responder Agencies	0	28	2	5
7. Create County/Regional Safety Task Forces	0	18	9	8
8. Provide Training to Local Emergency Responders	0	28	1	6
9. Assess Need for Additional Training for Local Responders	0	28	1	6
10. Establish Protocol for Emergency Movement of Heavy Equipment during Off-Hours	0	19	8	8
11. Assigning a 9-1-1 Address to Pipeline-Related Facilities	0	20	3	12
12. Authorize a Fee for Emergency Response to Pipeline Incidents	3	12	4	16
<i>answered question - 35</i>				
<i>skipped question - 2</i>				

Answer Options	Disagree	Agree	Neutral	Wish to Discuss
ENVIRONMENTAL PROTECTION				
47. Conduct Quantitative Site Monitoring	7	13	4	11
19. Establish Setbacks from Wetlands and Watercourses	5	14	3	13
29. Develop Plans for No Net Loss of Forests in Headwater Watersheds	5	12	4	14
2. Establish Early Coordination with Local Non-Government Groups	1	21	4	9
3. Establish Early Coordination with Local Landowners and Lessors	0	25	3	7
4. Project Sponsors Should Review Pennsylvania Stormwater BMP Manual	0	27	1	7
5. Sponsors Should Review the Pennsylvania Erosion and Sediment Pollution Control Program Manual	0	27	2	6
6. Sponsors Should Request Pre-Application Meetings With Regulatory Agencies	1	23	2	9
7. Sponsors Should Perform Alternatives Analysis to Avoid/Minimize Impacts	1	16	4	14
8. Develop Standard Water Quality Monitoring Practices	3	17	2	13
9. Develop An Advanced High-Quality Environmental Resources Planning Tool	0	21	1	13
10. Sponsors Should Use Landscape Level Planning	2	16	4	13
11. Minimize Water Withdrawals for Testing	2	18	7	8
12. Do Not Locate Pipelines Parallel to Streams Within its 100-Year Floodway	2	15	5	13
13. Employ Smart Timing of Construction	1	18	1	15
14. Assess Potential Subsurface Hazards in Planning	0	21	5	9
15. Route Pipelines to Minimize Disturbance to Forest Interiors	1	17	2	15
16. Avoid Steep Slopes and Highly Erodible Soils	4	18	2	11
17. Share Right-of-Ways	1	22	2	10
18. Identify Barriers to Sharing Right of Way	0	26	2	7
20. Use Dry Seals for Centrifugal Compressors	0	14	9	12
21. Minimize Methane Emissions During Compressor Station Shutdown Periods	0	20	6	9
22. Use Pump-Down Techniques Before Maintenance and Repair	0	18	8	9
23. Develop Plans for Construction, Operation, and Maintenance	0	20	4	11

Answer Options	Disagree	Agree	Neutral	Wish to Discuss
24. Implement Directed Inspection and Maintenance Program for Compressor Stations	0	19	5	11
25. Implement Wetland Banking/Mitigation Measures	0	21	4	10
26. Use Antidegradation Best Available Combination of Technologies to Protect EV and HQ Waters	0	21	6	8
27. Avoid Dams and Reservoirs	0	20	6	9
28. Avoid Water and/or Wastewater Discharges	0	22	6	7
30. Develop Plans for No Net Loss of Forested Riparian Buffers	3	14	4	14
31. Develop Plans for No Net Loss of Wetlands	1	16	7	11
32. Study Long-Term Impacts of Pipeline Infrastructure on Water Resources and Sensitive Landscapes	0	18	8	9
33. Minimize Methane Emissions	0	23	2	10
34. Minimize Impacts of Stream Crossings	0	25	4	6
35. Conduct Research to Improve Revegetation BMPs	0	24	6	5
36. Require Shutoff Valves for Liquid Product Pipelines	0	21	2	12
37. Use Dust Suppression Controls Near Water Resources	1	22	4	8
38. Test Efficacy of Silt Fencing	0	21	8	6
39. Test Soils in Acid Deposition Impaired Watersheds to Identify Need for Additional Liming	2	15	4	14
40. Sponsors Should Review the Pennsylvania Natural Diversity Inventory (PNDI) Environmental Review Tool	0	27	2	6
41. Develop Construction Sequencing Plan	0	25	2	8
42. Stockpile Topsoil During Construction for Use in Restoration	0	23	4	8
43. Soften Forest/Right-of-Ways Edges and Promote Canopy Closure	2	17	3	13
44. Create Onsite Habitat	2	17	5	11
45. Prevent Invasive Species from Entering Sites	0	24	3	8
46. Ensure Ecologically Sensitive Revegetation of Right-of-Ways	1	20	2	12
48. Conduct Regular Site Maintenance	2	17	4	12

Answer Options	Disagree	Agree	Neutral	Wish to Discuss
49. Properly Use and Maintain Pipeline Components	0	27	1	7
50. Implement Leak Detection and Repair for all Above-Ground Components of Pipeline Infrastructure	2	18	1	14
51. Clarify Remediation of Spills Under Shale Regulations	1	18	4	12
52. Establish Forest Mitigation Program	2	15	2	16
53. Implement Electronic Permit Submissions for Chapters 102 and 105	0	27	3	5
54. Establish Electronic Payment for Chapters 102 and 105 Permit Fees	0	26	4	5
55. Evaluate Need for Hard Copies of Chapter 102 and 105 Permit Submissions	0	27	4	4
56. Evaluate Erosion and Sediment Control General Permit (ESCGP-2) Expedited Review	0	28	2	5
57. Ensure Adequate Agency Staffing for Reviewing Pipeline Infrastructure Projects	0	29	3	3
58. Evaluate DEP Retention and Attrition of Staff and Succession Planning	0	28	5	2
59. Evaluate the Effectiveness of Permit Decision Guarantee Policy	0	21	9	5
60. Evaluate the Permit Decision Guarantee Priority Status Hierarchy	0	21	9	5
61. Increase DEP Staff Training	0	26	6	3
62. Eliminate Duplicate Questions in Erosion and Sediment Control General Permit (ESCGP-2) Notice of Intent (NOI)	0	28	3	4
63. Create Pipeline Erosion and Sediment Control Manual	1	28	3	3
64. Consider Limited Permit Review Assistance Using Qualified Contractors	0	20	7	8
65. Convene Annual Regulatory Agency Meetings	0	23	6	6
66. Re-Assess and Update Standing Memoranda of Understanding (MOUs) Between State and Federal Agencies	0	21	10	4
67. Incorporate Cumulative Impacts into Applications and Review Process	3	13	3	16
68. Conduct Joint Agency Coordination Meetings During Pre-Application and Planning	0	23	6	6
69. Assess Oil and Gas Program Chapter 102 Training	0	28	3	4
<i>answered question - 35</i>				
<i>skipped question - 2</i>				

Answer Options	Disagree	Agree	Neutral	Wish to Discuss
----------------	----------	-------	---------	-----------------

HISTORICAL/CULTURAL/TRIBAL				
1. Improve Communications with Landowners	1	23	3	8
2. Consult with Federally Recognized Tribes on Section 106-Related Projects	0	19	5	11
3. Consult with Citizens' Groups, Including Heritage and Historical Organizations and Non-Federally Recognized (NFR) Tribes for Oil and Gas Development	3	16	5	11
4. Implement Best Practices for Upstream and Midstream Oil and Gas Development that Fall Outside of USACE Permit Areas	1	19	5	10
5. Conduct Early Outreach with Affected Communities	2	20	4	9
6. Conduct County-Based Siting and Mitigation Research	1	17	5	12
<i>answered question - 35</i>				
<i>skipped question - 2</i>				

LOCAL GOVERNMENT				
3. Allow Local Regulation for Surface Facilities	10	7	4	14
1. Communicate Early and Often with Local Government Officials	2	19	1	13
2. Minimize Impact on Local Roads	0	20	6	9
<i>answered question - 35</i>				
<i>skipped question - 2</i>				

NATURAL GAS END USE				
1. Create A State Level Permit Coordinator	0	16	8	11
2. Create Regional Energy Corridors and Energy Action Teams	1	21	5	8
3. Create Energy Opportunity Zones	1	18	7	9
4. Expand Distribution System Improvement Charge (DSIC), Act 11 of 2012	1	15	10	9
5. Develop Municipal Guidelines for Natural Gas Distribution Lines	1	14	11	9

Answer Options	Disagree	Agree	Neutral	Wish to Discuss
<i>answered question - 35</i>				
<i>skipped question - 2</i>				

PIPELINE SAFETY AND INTEGRITY				
1. Require Leak Detection Survey Schedules	2	20	0	13
2. Require Leak Repair Schedules	2	21	0	12
3. Establish Publicly Available Pipeline Inspection Information	0	20	4	11
4. Require A Cathodic Protection Program	2	15	4	14
5. Require An Integrity Management Program (IMP) for Gathering Pipelines	4	18	1	12
6. Authorize PA Public Utility Commission (PUC) Regulation of Non-Jurisdictional Pipelines	3	12	4	16
7. Require Best Practices and Standards for Production Lines Located Beyond the Well Pad and Gas Gathering Lines in Class 1 Locations	3	17	2	13
8. Establish Mapping/GIS for Emergency Response	0	20	0	15
9. Designate PA PUC As Enforcement Agency for Underground Utility Line Protection Law	0	19	4	12
10. Enhance Public Awareness via Mapping/GIS	2	16	2	15
11. Create A Public Education Program on Gathering System	2	22	0	11
12. Enhance Public Awareness of Pipeline Location	2	19	0	14
13. Develop Public Education Program for Emergencies	1	19	0	15
<i>answered question - 35</i>				
<i>skipped question - 2</i>				

Answer Options	Disagree	Agree	Neutral	Wish to Discuss
----------------	----------	-------	---------	-----------------

PUBLIC PARTICIPATION				
5. Require Publication of Intent to Apply for DEP Permits Associated with Pipeline Development	5	15	5	10
1. Establish Statewide Pipeline Information Resource Center	0	22	3	10
2. Adopt Guidelines for Public Participation	1	19	1	14
3. Amend General Information Form to Require Information on Public Participation	2	16	5	12
4. Form Pipeline Advisory Committee	1	20	5	9
6. Issue Annual Report Implementations on the PITF Recommendations	1	21	7	6
<i>answered question - 35</i>				
<i>skipped question - 2</i>				

SITING AND ROUTING				
4. Create a Taskforce of Affected Stakeholders to Study the Creation of New Regulatory Entity, or Empower Existing Regulatory Entity to Review and Approve the Siting and Routing Of Intrastate Gas Transmission Lines	5	8	5	17
1. Utilize Planning Process Appropriate for the Scale of the Pipeline Project	1	18	0	16
2. Create an Inter-Agency Coordinating Committee to Resolve Conflicting Construction Requirements	0	23	2	10
3. Create Statewide Technical Review Committee Within DEP for Multi-Region Pipeline Applications	0	24	4	7
5. Create DEP Plans and Procedures Design Manual for Pipeline Construction	0	23	2	10
6. Create Third-Party Consultant Staffing at DEP	2	14	9	10
7. Expand PA1Call for All Classes of Pipelines	0	29	0	6
8. Pipeline Developers Should Engage With Private and Governmental Stakeholder and Educate Landowners	0	26	1	8
9. Invest in Digital Infrastructure to Improve Data Availability	1	25	2	7

Answer Options	Disagree	Agree	Neutral	Wish to Discuss
<i>answered question - 35</i>				
<i>skipped question - 2</i>				

WORKFORCE AND ECONOMIC DEVELOPMENT Workforce Development				
1. Commission Workforce Assessment and Economic Development Impact Study	0	24	8	3
2. Enhance STEM Education	0	26	5	4
3. Promote Apprenticeships and On-the-Job Training	0	27	6	2
4. Attract Military Veterans to the Energy Workforce	0	29	4	2
5. Conduct a State Employee Workforce Audit to Identify Training and Other Needs of Pertinent State Agencies	1	27	3	4
6. Enhance Workforce Training	1	24	7	3
<i>answered question - 35</i>				
<i>skipped question - 2</i>				

WORKFORCE AND ECONOMIC DEVELOPMENT Economic Development				
1. Develop A Pipeline Map	0	17	3	15
2. Coordinate Project Management for Projects Using Natural Gas in PA	0	23	8	4
3. Create Last Mile Funding	1	14	10	10
4. Expand Distribution System Improvement Charge (DSIC) to Cover Pipeline Payback Period Extension, Advertising Costs	4	14	13	4
5. Encourage Natural Gas Use in Ports	0	23	9	3
6. Develop Targeted Investment, Business Attraction Efforts and Regional Energy Hubs	1	24	5	5
7. Collaborate to Promote Downstream Shale Manufacturing Opportunity	1	27	4	3
8. Encourage Virtual Pipeline (Trucking) Delivery Systems	3	14	8	10
9. Allow Creation of Natural Gas Municipal Authorities	3	12	7	13
10. Compile Funding and Resource Guidebook	0	21	11	3

Answer Options	Disagree	Agree	Neutral	Wish to Discuss
11. Support Natural Gas for Compliance with Pennsylvania's Clean Power Plan (CPP)	0	21	7	7
<i>answered question - 35</i>				
<i>skipped question - 2</i>				

For Other Workgroups				
1. Assess Requirement of Consulting Services for Permitting	2	15	8	10
2. Ensure Pipeline Permit Consistency	1	18	5	11
3. Reform Application of the Pennsylvania Natural Diversity Inventory (PNDI)	1	17	8	9
<i>answered question - 35</i>				
<i>skipped question - 2</i>				