Pipeline Safety In Washington State

Introduction
1. Background
2. Purpose and Scope of Report
3. Executive Summary of Recommendations

Pipeline Basics
1. What kinds of pipelines are in Washington State
   a. Intrastate versus Interstate
   b. Natural Gas versus Hazardous Liquids
   c. Transmission versus Distribution
   d. Outliers
2. Where are the pipelines in Washington State?
3. Who regulates pipelines and where do the regulations come from?
   a. Pipeline Safety
      i. PHMSA
      ii. WUTC
   b. Spill Response Planning and Prevention
      i. PHMSA
      ii. Department of Ecology
      iii. EPA/Coast Guard
   c. Siting of new pipelines
      i. FERC
      ii. EFSEC
4. What is the risk from pipelines in Washington State?
   a. Probability of failures
   b. Consequence of failures
   c. How regulations address varying risks
      i. High Consequence Areas – How publicly available is this?
      ii. Class Locations
5. Pipeline Construction, Operations and Maintenance

Pipeline Issues of Importance in Washington State
1. Oversight of pipeline safety by the WUTC Pipeline Safety Division
   a. What are the annual metrics the Pipeline Safety Division uses to prioritize or evaluate its work?
   b. How is risk evaluated and used to steer inspections (pipeline age, material, environment, location, operator, etc.)?
   c. What were the results and the UTC’s response to recent PHMSA audits?
   d. Transparency of information
   e. Where UTC rules exceed federal rules
   f. UTC Enforcement history and comparison with others
   g. Recommendations
2. Land Use Planning and Pipelines
   a. What’s the concern?
   b. State and Federal Efforts
      i. WUTC/CCOPS
      ii. Pipeline and Informed Planning Alliance
      iii. FEMA/PHMSA
   c. Successes in Washington State
   d. Next Steps and Recommendations

3. Public Awareness, Education, and Communication Programs
   a. Damage Prevention Programs
      i. What’s the problem being addressed?
      ii. Federal Requirements and Washington State’s Dig Law
      iii. Organizations and Programs addressing damage prevention
      iv. Washington’s Efforts compared to Others
      v. Next Steps and Recommendations
   b. Industry Public Awareness Programs
      i. What’s the problem being addressed?
      ii. Regulatory Requirements and Standards
      iii. Washington Company Efforts and Effectiveness
      iv. Next Steps and Recommendations
   c. Transparency of Information
      i. What Pipeline Information is Available to People In Washington State?
      ii. Where is it and how easy is it to find?
      iii. How this compares to other states
      iv. Next Steps and Recommendations
   d. Washington State Citizens Committee on Pipeline Safety
      i. Committee’s formation and role
      ii. Past efforts
      iii. Comparison to other similar committees
      iv. Recommendations

4. Spill Response Planning & Prevention
   a. What is required by federal and state law
   b. Department of Ecology’s Program and how it fits in the federal system
      i. Contingency Planning
      ii. Facility Response Plans
      iii. Drills and Exercises
   c. Comparison to Other States
   d. Recommendations