



Oil and Gas Management

Emergency Certification Final Omitted Rulemaking 25 Pa Code Chapter 78 Emergency Response Planning at Unconventional Well Sites

**Environmental Quality Board
November 20, 2012**

Corrected Sign Example

- Handout with corrected sign example
- Minor but relevant changes from EQB mailing
- Handout example presented to the Oil and Gas Technical Advisory Board on September 17, 2012

Act 9 of 2012

Emergency Preparedness

- SB 995; separate from Act 13 of 2012
- 35 Pa.C.S. § 7321
- Marcellus Shale Advisory Commission
- Governor's Proclamation

▶ Act 9 of 2012

- General Assembly - PEMA and DEP to promulgate emergency regulations
- Unconventional Wells Only
 - GPS addresses for unconventional well sites
 - Registration unconventional well sites
 - Signage
 - Emergency Response Planning
- Explicitly Retroactive

▶ Purpose of Rulemaking

- Implementing Act 9
- Marcellus Shale Advisory Commission Recommendations
- Provide Locational Information to Local Emergency Management Agencies and First Responders
- Ensure Competent and Consistent Emergency Response Planning

Public Participation

- Oil and Gas Technical Advisory Board
 - August 15, 2012; September 17, 2012
- County Emergency Management Agencies
- Industry Stakeholders

Definitions

- Section 78.1
 - Updated to match Act 9/Act 13 definitions of unconventional formation & unconventional well
- Section 78.55(e)(2)
 - What is a “road?”
 - Access Road
 - Administrative Road
 - Private Named Road
 - Private Unnamed Road
 - Public Road

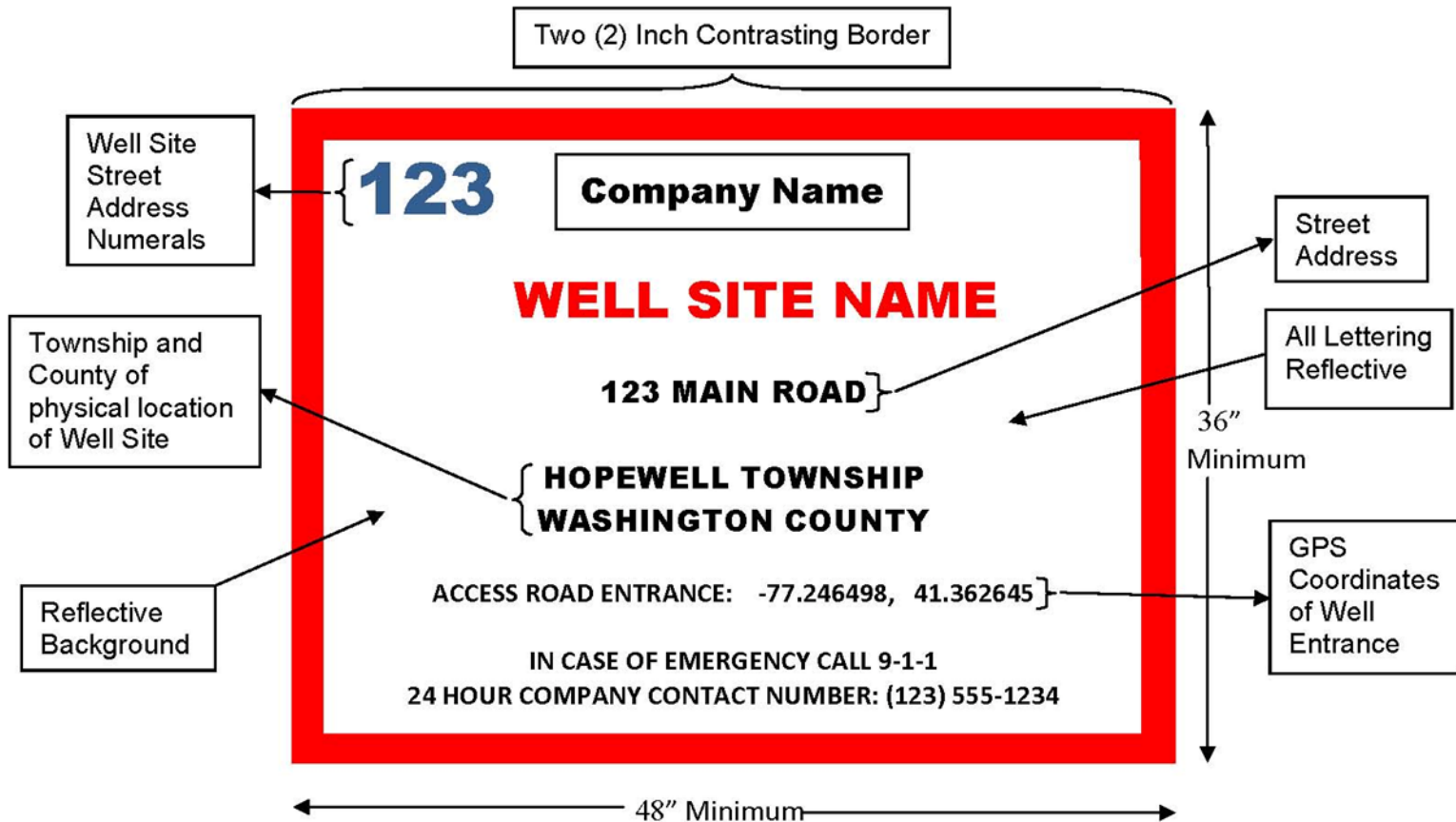
Well Site Addresses

- Unconventional well operator must:
 - Request 9-1-1 street address for the well site
 - Determine GPS coordinates for well site and entrance
 - Register information with DEP, PEMA, County

Well Site Signage

- Sign at entrance of well site prior to construction of access road
- Detailed yet flexible specifications
 - Reflective
 - Size/Color
 - Information

Well Site Signage



Emergency Response Planning

- Operator shall develop and implement plan to respond to emergencies threatening human health and safety at well site:
 - Equipment
 - Procedures
 - Training
 - Documentation

Emergency Response Planning

- Types of emergencies covered
 - Fires
 - Medical emergencies
 - Explosion or similar event
 - Spills
 - Security breaches or other security events
 - Any other incident necessitating presence of emergency responders

Emergency Response Planning

- Procedures to provide most current information to responders, including any Material Safety Data Sheets required to be present
- Location and availability of any emergency equipment (on or off-site)

Emergency Response Planning

- Risks and hazards to the public within ½ mile of the well site and associated planning assumptions
- Two-part plans
 - Master base plan common to all well sites
 - Site-specific plans

Emergency Response Planning

- Annual Reviews/Updates
- Submission to DEP, PEMA, County EMA, Public Safety Answering Point
- Copy available on site during ALL phases of operations at well site, from preparation to plugging

Phase-In

- Effective immediately
- Phase-in:
 - Sites with completed wells
 - Sites where wells are being drilled
 - Sites where no well is drilled but permits issued
 - Sites for which administratively complete permit application received by DEP

Phase-In

- Addresses – 30 days after effective
- Signage – 180 days after effective
- Planning – 90 days after effective

➤ Recommendation

The Department and PEMA recommend that the Environmental Quality Board approve the final-omitted rulemaking.

Thank you.



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DEPARTMENT OF ENVIRONMENTAL PROTECTION



Oil and Gas Management

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