



Water Permits 2011

NACWA 2011 National Pretreatment and
Pollution Prevention Workshop

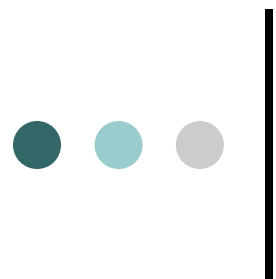
May 18, 2010

Office of Water Update
Marcus Zobrist, Chief
Industrial Branch
Water Permits Division



EPA Office of Water Update

- NPDES Regulations Update
- Shale Gas Initiative
- Questions



Pesticide General Permit

○ Permit Scope:

- Mosquitoes and other Flying Insect Control
- Aquatic Weeds and Algae Control
- Aquatic Nuisance Animal Control
- Forest Canopy Pest Control

○ Permit Status:

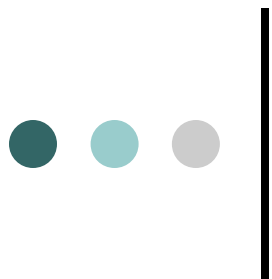
- Draft Permit Proposed 6/4/2010
- Court extended PGP effective date to 10/31/2011
- Agency negotiating with Fish & Wildlife Service (FWS) and National Marine Fisheries Service (NMFS) on Endangered Species Act (ESA) consultation
- Final Permit Expected 07/30/2011



Sufficiently Sensitive Methods Rule

- Rule Making:
 - Proposed June 23, 2010
 - Comments collected until 08/9/2010
 - Final Expected August or September 2011
- Revisions to NPDES Regulations:
 - Application Requirements: 40 CFR 122.41(e)
 - Monitoring Requirements for establishing limit standard: 40 CFR 122.44(i)
 - Associated Clause in Part 136

www.epa.gov/npdes/regulations/ssmethods_fr_6-23-10.pdf



SSO Rulemaking and Peak Flows

- Federal Register Notice-June 1, 2010
- 5 Listening Sessions- Summer 2010
 - Possible SSO regulations
 - Finalizing the 2005 Draft Peak Flows Policy
 - Reporting building backups
 - Address SSOs caused by exceptional circumstances
- SSO Workshop
 - July 14-15, 2011
 - Washington, DC

www.epa.gov/npdes/regulations/frn_sso.pdf



Stormwater Rulemaking

- Information Collection Efforts-September 2010
- Information Gathering:
 - Expand areas subject to federal stormwater regulations
 - Establish specific requirements for new and re-development
 - Develop single set of consistent stormwater requirements for all MS4
 - Require MS4 to address stormwater discharges in areas of existing development through retrofits
 - Considering specific requirements for the Chesapeake Bay watershed
- Proposed Rule September 2011; Final Rule November 2012



Regulations of Stormwater from Construction & Development Sites

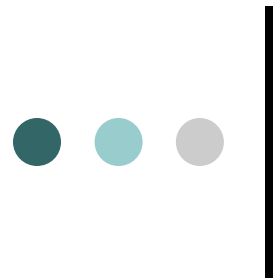
○ Construction & Development Rule (C&D)

Concerns:

- 600,000 acres of land developed annually
- Sediment and Turbidity are leading sources of impairment to receiving waters

○ C&D Published December 1, 2009

- All sites 1 or more acre: BMPs. Effective Feb. 1, 2010.
- Numeric turbidity limit applies to large sites (280 NTU limit currently being recalculated)
 - 20 or more disturbed acres at one time – effective Aug. 1, 2011
 - 10 or more disturbed acres at one time – effective Feb. 2, 2014



Regulations of Stormwater from Construction & Development Sites (continued)

- C&D Rule incorporated into the Proposed Construction General Permit
 - Proposed permit issued April 25, 2011
 - <http://www.epa.gov/npdes/cgp>
 - Comment period ends June 24, 2011
- Informational Webinar
 - May 24th 1-3pm (EST)

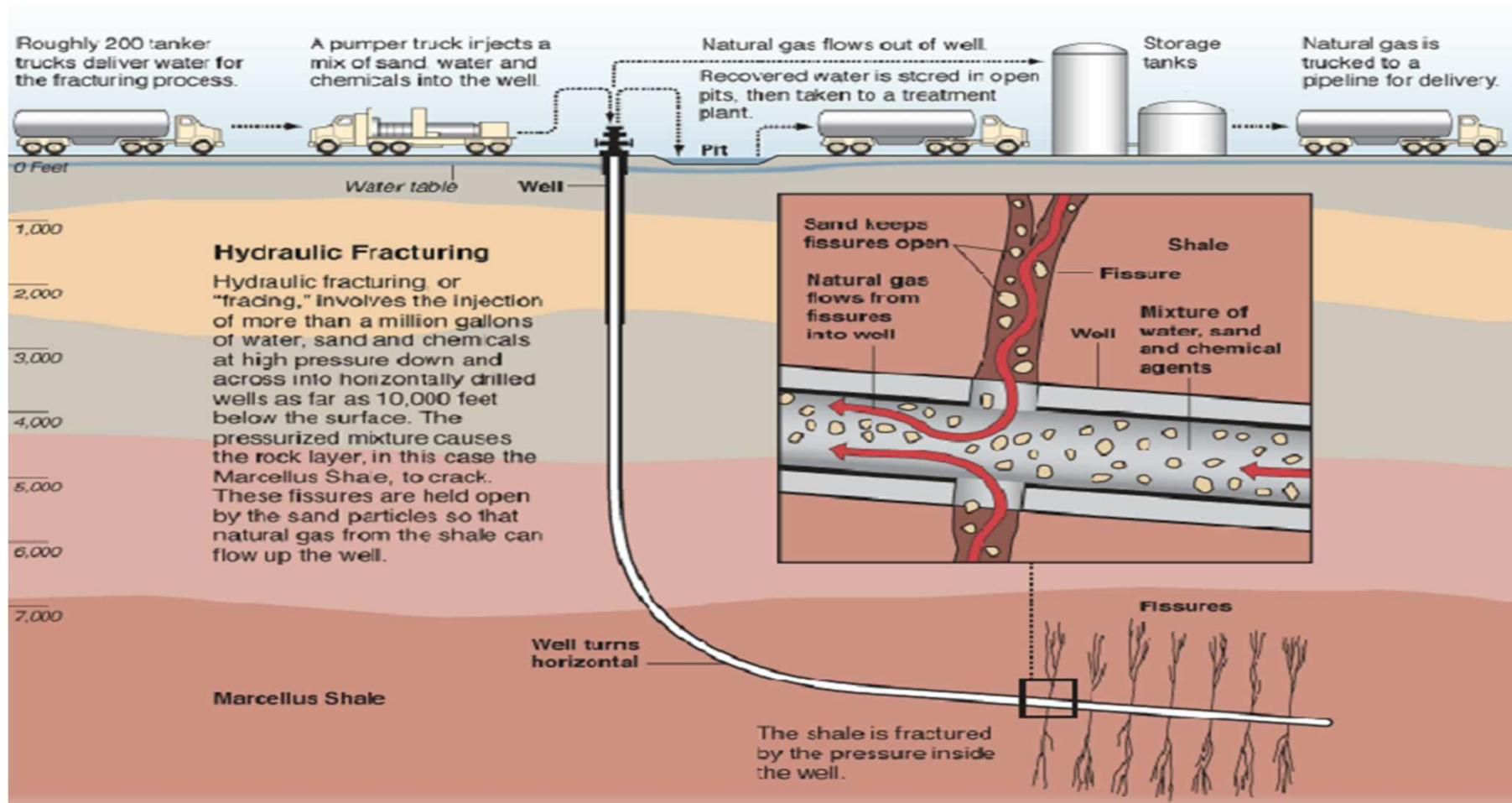
United States Gas Plays



Highly active Shale Formations

- Marcellus Shale
- Barnett Shale
- Haynesville

Shale Gas Extraction





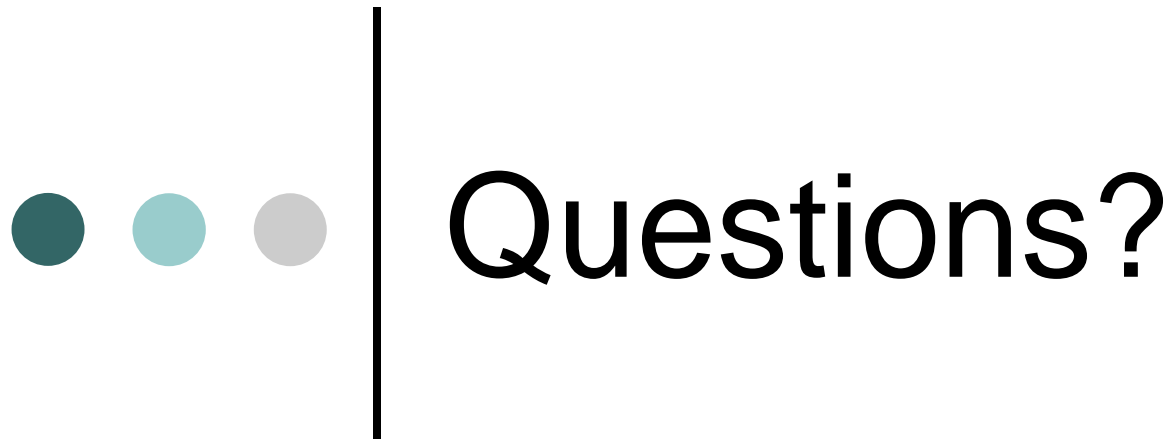
Shale Gas Extraction NPDES Initiative

- Concerns:
 - Flowback and produced water
 - POTW/CWT influent and effluent
- NPDES Developments
 - Marcellus Shale Q's & A's (03/16/2011)
http://www.epa.gov/npdes/pubs/hydrofracturing_faq.pdf
 - Additional guidance on NPDES permitting, pretreatment requirements and acceptance of hauled waste being contemplated.



EPA Contacts

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Questions?