



Water Permits 2010

Presentation at 2010 National Pretreatment and
Pollution Prevention Workshop

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Pesticide General Permit

Scope

- Mosquitos and other Flying Insects
- Aquatic Weeds and Algae
- Aquatic Animals
- Forest Canopy

Dates:

- AA signature for draft permit, around 5/19/10



Municipal Wet Weather

MS4 Permit Improvement Guidance

- April 2010: EPA released a guidance document to assist NPDES permit writers in developing municipal separate storm sewer system (MS4) stormwater permit language and supporting fact sheet language that is clear, consistent with the applicable regulations, and enforceable.
- This guidance includes “sample” MS4 permit language, fact sheet language rationale, and recommendations for permit writers.

Updating 2002 memo on wasteload and load allocations

SSO/Peak Flow Potential Rule Proposal

- EPA is considering sanitary sewer overflow rulemaking including peak flows issues and expects to provide additional information in the spring or summer of this year.



Nutrients

OWM Guidance Components

- Guidance will follow format of the permit writers manual and may include issues about:
 - Regulatory requirements
 - Reasonable Potential determinations
 - Developing WQBELs for Nutrients
 - Watershed-based approaches and water quality Trading
- Case Studies
 - Current permitting practices for translating narrative standards and WLA from TMDLs
- Dates:
 - Draft Guidance: Spring/Summer 2011
 - Final Guidance: Winter 2011



Methylmercury Fish Tissue Criterion

Final Implementation Guidance April 2010

- Provides technical guidance to states and authorized tribes on how they may want implement the January 2001 Methylmercury Water Quality Criterion in surface water protection programs (e.g., TMDLs, NPDES permitting).
- The guidance addresses questions related to water quality standards adoption (e.g., site-specific criteria, variances), assessments, monitoring, TMDLs, and NPDES permitting.



More NPDES Rules and Guidance

Sufficiently Sensitive Methods Rule

- Proposal Date – expected end of May, 2010
- Revisions to NPDES regulations to require sufficiently sensitive testing methods

New Dischargers and Offsets Rule (Carlota)

- Proposal date 3/2011
- Clarification of CFR 122.4(i)

Appalachian Surface Coal Mining 402/404 Guidance

- Issued 4/1/2010
- EPA's Actions
 - Improved Guidance and Clarity
 - Strong Science
 - Increased Transparency
- Surface Coal Mining Permit Quality Review



Partnership for Sustainable Communities

June 2009: the U.S. Department of Housing and Urban Development, U.S. Department of Transportation, and the U.S. Environmental Protection Agency joined together to form the Partnership for Sustainable Communities.

Main objective: to coordinate federal housing, transportation, and environmental investments; protect public health and the environment; promote equitable development; and help address the challenges of climate change.

Recent activities include:

- Sustainable Communities Brownfields Pilots
- Clean Water State Revolving Fund Pilots Announced
- Smart Growth Implementation Assistance
- EPA Urban Waters Initiative



EPA Urban Waters Initiative

Broad Federal effort

Focused on urban community quality of life

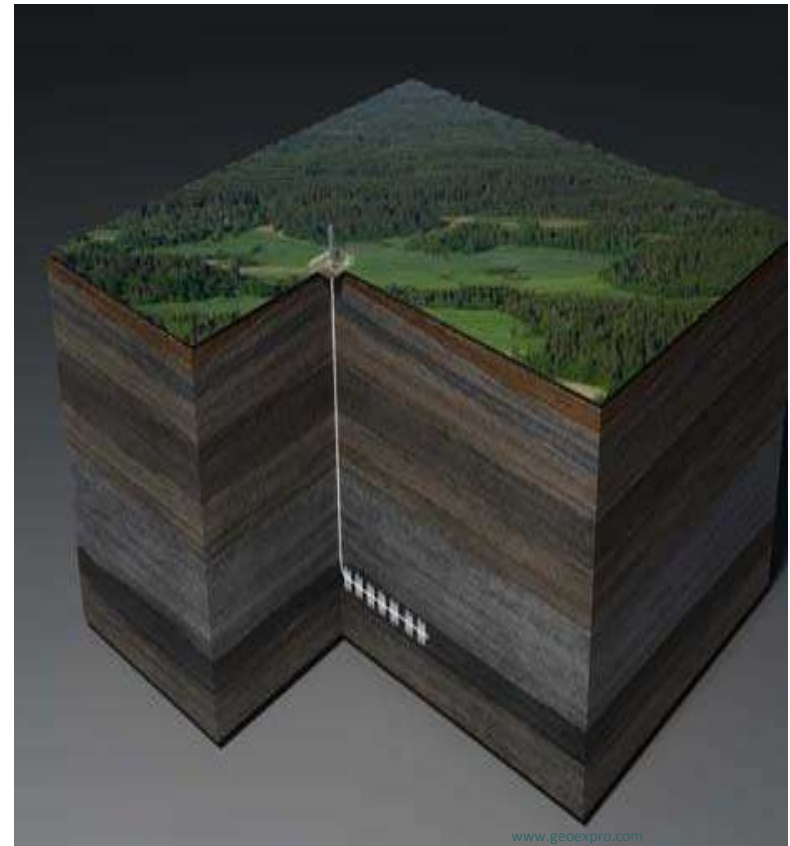
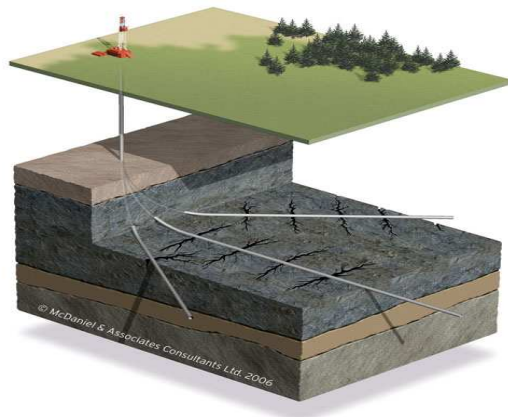
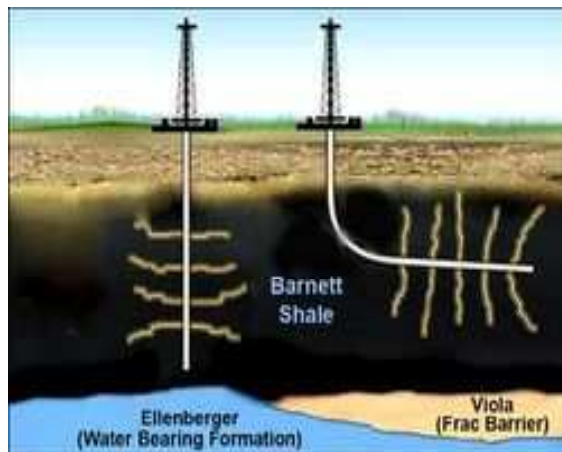
- How do we make progress in improving water quality and the quality of life in urban communities
- How do we link upstream watersheds with urban communities and promote citizen involvement

EPA Budget:

- 2010: \$600K Urban Watershed Capability Building Grants
 - Proposals due May 19
- 2011: \$9.4M requested

Unconventional Natural Gas Drilling

Often relies on horizontal drilling and hydraulic fracturing

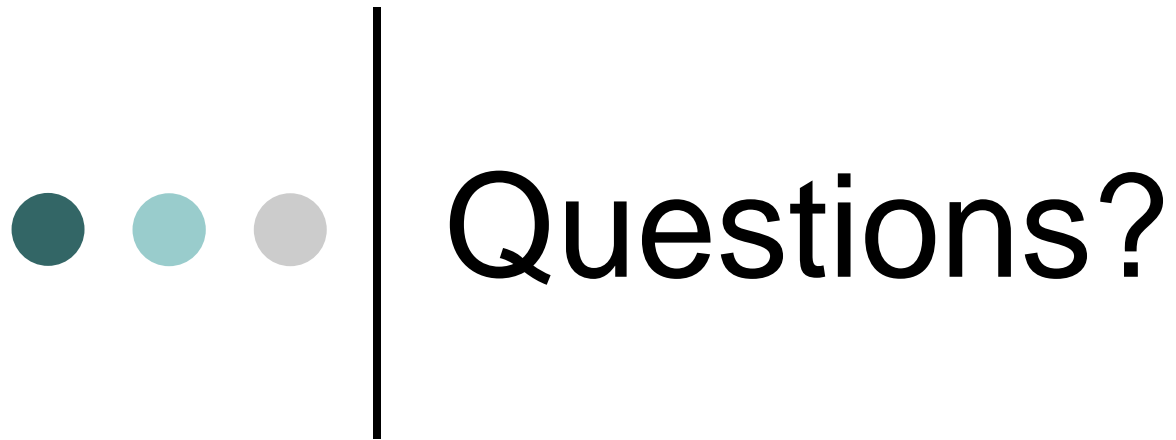


United States Gas Fields



United States Shale Gas Plays





Questions?