

ASTM Hydraulic Fracturing Guidance Workgroup Update from ASTM Annual Meeting, June, 2013

Joint Technical Session
Characterization of Aquifer Quality and Identification of Oil &
Gas Activity Influence

GWERF Spotlight Series, July 9-11, Grapevine, Texas

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Proposed Standard

“Standard Guide for Sampling and Analysis of Residential and Commercial Water Supply Wells”



**D18.26.08 – Site Monitoring
June 2013**

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Scope

- Methodology for obtaining representative groundwater samples and gaseous methane screening for residential and commercial water supply wells with applicability to oil and gas operations, including hydraulic fracturing, as well as monitoring for other environmental purposes
- Identifies classes of analytical tests and procedures
- Presents rationale and considerations for monitoring scenarios
- Applicable to baseline assessment, routine monitoring, and investigation of alleged impacts ³

Outline

1. Sampler Qualifications
2. Evaluation of Well Condition
3. Assessment of Water Supply System
4. Purging and Sampling
5. Parameters / Analytical Procedures
6. Property Damage Prevention
7. Initial Methane Screening
8. Laboratory Certifications
9. Shipment / Documentation
10. Reporting



Activities Completed

- Defined scope of Site Monitoring Focus Group
- Interaction with other elements of D18.26:
 - D18.26 – Conference calls with focus group chairs
 - D18.26.01 – Site Investigations
 - D18.26.10 – Reporting
- Established Focus Group membership:
 - API
 - EPA
 - State agencies
 - O&G companies
 - Consultants
 - Academia
 - Laboratories
- Due diligence on regulations / guidance from O&G-producing states and industry groups
- Defined scope of the proposed Standard

Projected Timeline

- June 11, 2013:
 - Presented status at June meeting, Indianapolis
 - Obtained additional member input
 - Discussed with Focus Group at break-out session
- August 2013: First draft of Standard
- October 2013: Obtain / incorporate comments
- January 2014: Present Standard at meeting

