

AGENDA
U.S. Environmental Protection Agency
Science Advisory Board Hydraulic Fracturing Research Advisory Panel
Public Teleconferences
February 1-2, 2016
11:00 a.m. – 6:00 p.m., Eastern Time

As of February 1, 2015

Purpose: To review and discuss the Science Advisory Board Panel’s draft report regarding SAB’s review of the EPA’s draft *Assessment of the Potential Impacts of Hydraulic Fracturing for Oil and Gas on Drinking Water Resources (External Review Draft – June 2015)*.

February 1, 2016

11:00 a.m.	Convene Meeting	Mr. Edward Hanlon <i>Designated Federal Officer</i>
11:05 a.m.	Welcome and Review of Agenda	Dr. David A. Dzombak <i>Chair, Hydraulic Fracturing Research Advisory Panel</i>
11:15 a.m.	Summary of Written Public Comments	Dr. Elizabeth W. Boyer Dr. Susan L. Brantley Mr. Walter R. Hufford
11:35 a.m.	Public Comments	Registered Speakers (See List of Public Speakers)
1:00 p.m.	Break	
1:15 p.m.	Public Comments (continued)	Registered Speakers
2:50 p.m.	Discussion on the Panel’s Draft Report	Dr. David A. Dzombak and Panel Members

General Comments

Cover Letter to the Administrator

Chapter 10: Synthesis of Science on Potential Impacts of Hydraulic Fracturing on Drinking Water Resources, and Executive Summary (Charge Question 8)

**Discussion on the Panel's Draft Report
(continued)**

**Dr. David A. Dzombak and
Panel Members**

Chapters 1, 2 and 3: Goals, Background and
History of the Assessment (Charge Question 1)

Chapter 4: Water Acquisition Step in the
Hydraulic Fracturing Water Cycle (Charge
Question 2)

Chapter 5: Chemical Mixing Step in the
Hydraulic Fracturing Water Cycle (Charge
Question 3)

Chapter 6: Well Injection Step in the Hydraulic
Fracturing Water Cycle (Charge Question 4)

Chapter 7: Flowback and Produced Water Step
in the Hydraulic Fracturing Water Cycle (Charge
Question 5)

Chapter 8: Wastewater Treatment and Waste
Disposal Step in the Hydraulic Fracturing Water
Cycle (Charge Question 6)

Chapter 9: Chemicals Used or Present in
Hydraulic Fracturing Fluids (Charge Question 7)

3:30 p.m.

Break

3:45 p.m.

**Discussion on the Panel's Draft Report
(continued)**

**Dr. David A. Dzombak and
Panel Members**

5:45 p.m.

Next Steps

Dr. Dzombak

5:55 p.m.

Summary

Dr. Dzombak

6:00 p.m.

Adjourn

Mr. Hanlon

February 2, 2016 (if needed)

11:00 a.m. **Convene Meeting**

Mr. Edward Hanlon
Designated Federal Officer

11:05 a.m. **Discussion on the Panel’s Draft Report
(continued)**

**Dr. David A. Dzombak and
Panel Members**

5:45 p.m. **Next Steps**

Dr. Dzombak

5:55 p.m. **Summary**

Dr. Dzombak

6:00 p.m. **Adjourn**

Mr. Hanlon