

**U.S. Environmental Protection Agency  
Science Advisory Board**

**June 5, 2013**

**1:00 p.m. – 3:00 p.m.**

**By teleconference only (please contact [nugent.angela@epa.gov](mailto:nugent.angela@epa.gov) for teleconference access)**

**Agenda**

**Purpose:** To receive an update on the SAB Hydraulic Fracturing Research Advisory Panel Consultation on May 7-8, 2013 and to continue Board discussions of information provided by the EPA on planned actions and their supporting science.

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| <b>1:00 p.m.</b> | <b>Convene the meeting</b>  | <b>Dr Angela Nugent</b><br><i>Designated Federal Officer(DFO)</i><br><i>EPA Science Advisory Board</i> |
| <b>1:05 p.m.</b> | <b>Goals and agenda for the teleconference</b>  | <b>Dr. David Allen</b><br><i>Chair, EPA Science Advisory Board</i>                                     |
| <b>1:10 p.m.</b> | <b>Update on the SAB Hydraulic Fracturing Research Advisory Panel Consultation on May 7-8, 2013</b>   | <b>Dr. David Dzombak</b><br><i>Chair, SAB Hydraulic Fracturing Research Advisory Panel</i>             |
| <b>1:20 p.m.</b> | <b>Public comments</b>  | <b>Registered Speakers</b>   |
| <b>1:50 p.m.</b> | <b>Continuation of Discussions of Planned Agency Actions and their Supporting Science - Reports from Three SAB Fact-Finding Groups</b>  |  |
|                  | <ul style="list-style-type: none"> <li>• <b>Effluent Guidelines and Standards for Unconventional Oil and Gas Extraction Including Coalbed Methane and Shale Gas Extraction (2040 AF35)</b><br/>Report from Fact-finding Group</li> </ul>  | <b>Dr. David Dzombak</b><br><i>Chair, Fact Finding Group</i><br><b>SAB Members</b>                     |
|                  | Discussion  |  |
|                  | <ul style="list-style-type: none"> <li>• <b>Revised Regulations for Environmental Radiation Protection Standards for Nuclear Power Plant Operations (2060 AR12) Report from Fact-finding Group</b><br/>Report from Fact-finding Group</li> </ul>  | <b>Dr. William Field</b><br><i>Member, Fact Finding Group</i><br><b>SAB Members</b>                    |
|                  | Discussion  |  |
|                  | <ul style="list-style-type: none"> <li>• <b>Petroleum Refinery Sector Risk and Technology Review (RTR) and New Source Performance Standards (2060 AQ75) and Petroleum Refinery Sector for Flares (2060-AR69)</b> <ul style="list-style-type: none"> <li>○ Report from Fact-finding Group</li> <li>○ Discussion</li> </ul> </li> </ul> | <b>Dr. James Mihelcic</b><br><i>Chair, Fact Finding Group</i><br><b>SAB Members</b>                    |
| <b>2:55 p.m.</b> | <b>Identification of Next Steps</b>   | <b>Dr. David Allen</b>   |
| <b>4:00 p.m.</b> | <b>Adjourn the meeting</b>  | <b>The DFO</b>   |