

Ten Key Issues Resulting from September 24, 2013 Stakeholder Engagement Discussion

1. Air quality

- a. How will drilling, fracking, and compressor stations affect local air quality?
- b. What are the orphan gases and what are the environmental impacts?

2. Water quality

- a. How will water acquisition, the use of bulk water, and the selling of local water affect water quality and availability?
- b. How will the fracking solution, chemicals, and wastewater affect well-water and municipalities (aquifers, surface water, and groundwater)?

3. Baseline health assessment

- a. It is important to understand the baseline health of Garrett and Allegany Counties. A survey will be conducted to help understand the health status including cancer and non-cancer diseases, endocrine diseases, autoimmune disorders, diet, lifestyle, family history, chronic diseases, mental health, asthma and other respiratory diseases, and multiple sclerosis. Additional health indicators will be added based on information from the literature review.

4. Healthcare infrastructure

- a. What is the current healthcare capacity?
- b. Is there capacity to handle acute issues related to fracking?
- c. Are there health protections for emergency responders (police officers, firemen, EMT, hospital personnel)?
- d. How will first responders be impacted during fracking emergencies due to extreme weather events?
- e. How will health issues related to fracking be handled? Will the local health department's be the point of contact?

5. Populations of concern

- a. How will fracking affect farmers, land-owners, non land-owners, business owners, and vulnerable populations (children, women of a childbearing age, elderly with co-morbidities, immunosuppressed individuals, and individuals with low socioeconomic status)?

6. Occupational issues

- a. What are the occupational exposures?
- b. Are OSHA standards in place adequate?
- c. What are the current protections for workers?
- d. Will there be regular inspection and oversight on well pads for workers?

7. Secondary impacts

- a. How will the social fabric of the community be impacted by diesel truck traffic, increased traffic on the road, accidents, crime, and an influx of transient workers?

8. Weather/climate change

- a. How will seasonality and major weather events affect fracking?

9. Benefits

- a. How will fracking affect jobs, the tax base, poverty, unemployment, uninsured, training/education opportunities, infrastructure, and public schools?
- b. How will these benefits affect public health?

10. Zoning

- a. How will zoning laws affect fracking and buffer zones?