

From: Seabury Lyon  
Sent: Tuesday, November 12, 2013 6:17 PM  
To: Hanlon, Edward  
Subject: Fracking: Public Comment

November 12, 2013

Public Comment To: EPA SAB Public Comment hearing regarding the effects of fracking on deep, fresh water resources.

Subject: Unwise To Contaminate deep, fresh water resources.

Dear Mr Hanlon, we wish to submit this public comment (below and attached) to the hearing.

We want to state that:

- \* Scientific studies of water sampled from various deep, fresh water sources, including geothermal springs have been going on for many decades.
- \* Some of the water has been circulating in hydrology paths that extend many thousands of feet in depth.
- \* Some have produced water that dating indicates it's been circulating for very long distances for up to thousands of years.
- \* Based on available data, the conclusion is inescapable that:
  - a. Any contaminants, including fracking fluids, that would be pumped into deep wells will eventually contaminate water that reaches aquifers at various levels.
  - b. There is no proven way to prevent contamination of deep and extensive water sources by contaminants such as fracking fluids.
  - c. Given a. and b. above, and the fact that potable water is becoming a precious resource all over the world, it is extremely unwise to allow contamination of any deep, fresh water resources anywhere in the world, for any reason.

Thank you for submitting our comments for the record.

Sincerely,

Seabury & Sharon Lyon  
Bethel ME 04217