

AP[®] ENVIRONMENTAL SCIENCE 2012 SCORING GUIDELINES

Question 1

Read the following article from the *Fremont Gazette* and answer the questions that follow.

- (a) **Identify and describe TWO water-related environmental problems associated with fracking.**

(4 points: 1 point for each identification and 1 point for each description)

Students may earn a point for either identifying a problem or describing a problem. However, if an issue is identified, it must be linked correctly to its description in order to earn 2 points.

Identification of the problem (2 points maximum)	Description (2 points maximum)
Groundwater contamination	• Fracking liquids or chemicals can contaminate drinking water or groundwater. • Liquid waste stored in waste lagoons can leach into groundwater (aquifer). • Drilling can allow methane (or natural gas)

13 Ap Science Response Answers

Didier Musso



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