Publications that Will Support the U.S. EPA's Office of Research and Development (ORD) 2014 Report of Results on the Potential Impacts of Hydraulic Fracturing on Drinking Water Resources

As of November 13, 2013

The following is a list of publications that will support the U.S. EPA's Office of Research and Development (ORD) 2014 Report of Results on the potential impacts of hydraulic fracturing on drinking water resources. These publications have undergone peer review through the journal where the paper has been published. Additional papers are anticipated to be published over the next year that will also support ORD's 2014 Report of Results.

1. Moridis, G.J., and Freeman, C.M. The RealGas and RealGasH2O Options of the TOUGH+ Code for the Simulation Of Coupled Fluid And Heat Flow in Tight/Shale Gas Systems. In Press - Accepted Manuscript. *Computers & Geosciences.*

2. DeAmond, P.D., and DiGoregorio, A.L. Characterization of liquid chromatography-tandem mass spectrometry method for the determination of acrylamide in complex environmental samples. 2013. *Anal. Bioanal. Chem.* 405: 4159-4166.

3. Rutqvist, J., Rinaldi, A.P., Cappa, F., and Moridis, G.J. Modeling of fault reactivation and induced seismicity during hydraulic fracturing of shale-gas reservoirs. 2013. *Journal of Petroleum Science and Engineering* 107:31‑44.

4. DeAmond, P.D., and DiGoregorio, A.L. Rapid liquid chromatography-tandem mass spectrometry-based method for the analysis of alcohol ethoxylates and alkylphenol ethoxylates in environmental samples. 2013. *J. Chromatogr. A.* 1305:154-63.

5. Kim, J., and Moridis, G.J. Development of the T+M coupled flow–geomechanical simulator to describe fracture propagation and coupled flow–thermal–geomechanical processes in tight/shale gas systems. 2013. *Computers & Geosciences* 60:184-198.