



## ILLINOIS DEPARTMENT OF NATURAL RESOURCES

Office of Oil and Gas Resource Management  
One Natural Resources Way Springfield, Illinois 62702-1271



### HIGH VOLUME HORIZONTAL HYDRAULIC FRACTURING PERMIT APPLICATION HVHFF-10

References to "1-xx" or "§1-xx" are to the Hydraulic Fracturing Regulatory Act., 225 ILCS 732/1-1 et seq.  
Referencesto"240.xxx" and "245.xxx" are to 62 Ill. Admin. Code 240 and 245, respectively.

#### **Attachment: HydraulicFracturingFluidsandFlowbackPlan**

**Please save attachment using the name above**

**Hydraulic Fracturing Fluids and Flowback Plan § 1-35 (b)(11); 245.210(a)(11), 245.825, 245.830, 245.850.**

Please review the above-listed statute and rules, including the testing and reporting requirements found in Subpart H of the Rules, and describe the proposed methods for handling, storage, transportation and disposal of hydraulic fracturing fluids and flowback in sufficient detail to demonstrate that your plan for the materials meets the requirements of the statute and rules. In so doing, (a) identify, including name, identification number, specific location, and date of the most recent mechanical integrity test, the Class II injection well or wells to be used for disposal, reuse, or recycling of the fluid\*; (b) explain the injection schedule, flow rate, reuse volume, storage, any treatment, and total volume in detail; (c) describe the capacity and qualities of tanks and any lined reserve pit to be used for capture and storage of flowback, the expected flowback rate and amount, and the frequency that the storage tanks will be emptied.

In so far as you will be recycling or reusing the hydraulic fracturing fluids and/or flowback, identify the name and address of said entity or facility accepting the fluid, the estimated amount of fluid to be reused or recycled, and the proposed purpose(s) said fluid will be used for.

If any part of the well or well site is in an area identified by the U.S. Geological Service as having a 2% or greater probability of exceedance in 50 years of peak ground acceleration of 0.4 standard gravity or more, identify measures you will take to protect the components in this plan against earthquakes of M 4.5 or more.

\* Please contact the Office of Oil and Gas Resource Management at (217) 782-7756 for further information on specific Class II injection wells.