



## 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. References to "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), 245.530, 245.560.

Please review the above-listed statute and rules and describe the handling, storage, transportation and disposal, and recycling or reuse of hydraulic fracturing fluids and flowback in sufficient detail to demonstrate that your plan for these materials meets the requirements of the statute and rules. In so doing, (a) identify, including name, identification number, and specific location, the Class II injection well or wells to be used for disposal, reuse, or facility or facilities to be used for 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, and (d) describe your plan for testing flowback water. 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 M4.5 or more.