



## 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: ContainmentPlan**

**Please save attachment and use the file name above.**

**Containment Plan** §1-35(b)(13); 245.210(a)(13), 245.820, 245.825, 245.830.

Describe the containment practices and equipment to be used and the area of the well site where containment systems will be employed. 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. *NOTE: review 245.820; also locate the containment systems on the overhead sketch required under section (g) of the WellSiteSetbackPlan.*



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Woolsey Operating Company, LLC

Woodrow #1H-310408-193

White County, Illinois

High Volume Horizontal Hydraulic Fracturing Permit Application

HVHHF-10: Containment Plan

The operator plans to have a minimum amount of “fracturing fluid” within the common containment area. The fracturing fluid will be mixed on-the-fly just ahead of the well head. The constituent chemicals used in the makeup of the “fracturing fluid” will be stored in above ground tanks which meet the requirements set out in 245.825, 245.910 and Section 1-75(c)(4) of the Act. Tanks containing these chemicals will be stored within a diked containment capable of holding 150% of the total volume of the single largest container or tank within a common containment area. No stationary fueling tanks will be used.

During flow back operations the tanks located within the area of the wellsite will also be surrounded by a dike capable of holding 150% of the total volume of the single largest container or tank within a common containment area.

The wellsite lies outside of the area identified by the U.S. Geological Survey as having a 2% or greater probability of exceedance in 50 years of ground acceleration of 0.4 standard gravity or more.