



US EPA Hydraulic Fracturing Study and Michigan's Regulatory Response to Hydraulic Fracturing

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EPA Hydraulic Fracturing Study Draft Report

- **Prepared At The Request Of The United States Congress**
- **5 Years In The Making**
- **Goal To Address Potential Impact Of Hydraulic Fracturing On Drinking Water Resources**
- **Comprehensive Study Which Includes Retroactive Case Studies**
- **Draft Report released June 4, 2015**



Conclusions Of The Study

“there is no evidence of widespread, systemic impacts on drinking water resources due to hydraulic fracturing activities”

Study Identifies 6 Vulnerabilities

- **Water Withdrawals In Areas With Low Water Availability**
- **Spills Of HF Fluids And Flowback/Produced Water**
- **HF Conducted Directly Into Formations Containing Drinking Water Resources**
- **Well Integrity Failures**
- **Subsurface Migration Of Gases And Liquids**
- **Inadequately Treated Wastewater**

Michigan's Regulatory Response

- **Supervisor Instruction 2011 And New Rules Promulgated In 2015 For Hydraulic Fracturing**
- **Michigan's Focus**
 - **Migration Of Fluids**
 - **Water Withdrawals**
 - **Spill Prevention**
 - **Chemical Disclosure**
 - **Management of Fluids**
 - **Air Quality**
 - **Induced Earthquakes**

Parting Thought – Michigan's Regulatory Program Protects Michigan

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