

[REDACTED]

**From:** Eric Morris ([REDACTED]) Sent You a Personal Message <[REDACTED]>  
**Sent:** Friday, June 23, 2017 5:43 PM  
**To:** DNR.HFPublicComments  
**Subject:** [External] Review Number HVHHF-000001

Dear Illinois Department of Natural Resources,

I am writing these comments in regards to the application from Woolsey Operating Company, LLC for a permit under the Hydraulic Fracturing Regulatory Act (HFRA), assigned to Review Number HVHHF-000001. The proposed well (Woodrow #1H-310408-193) in White County, Illinois would threaten public health and safety and the permit application contains a number of issues highlighted below.

The application is woefully lacking in data and information required by the Illinois legislature and Illinois DNR under the rules and regulations of the HFRA that are designed to protect public health and the environment, and so cannot be approved as submitted. For example, the permit application does not give the exact location of the two disposal wells. The locations should be given with GPS coordinates so that the public knows exactly where these wells are located.

From the information that is provided, a number of concerns arise, including but not limited to:

1. The application requests exceptionally large water withdrawals from groundwater resources that are very susceptible to depletion, and fails to include plans to recycle water or otherwise minimize water consumption.
2. The application significantly underestimates flowback volumes, and plans for inadequate containment facilities for even that amount of flowback and other chemicals/wastes that the application does estimate.
3. The application conceals information on hazardous fracking chemicals without attempting to demonstrate entitlement to trade secret protection.
4. The application includes inadequate insurance for the well, with insurance that excludes the very types of damages to private landowners' property that should be protected.
5. The operations as described in the application would fail to preserve topsoil, and the stormwater management plan is inadequate.
6. The application plans for deficient surface and groundwater sampling. Adequate sampling must be required to protect important water sources.

Thank you for your attention to my comments. Illinois DNR should reject the company's inadequate permit application that fails to protect our health and environment.

Sincerely,

Eric Morris

[REDACTED]

This message was sent by KnowWho, as a service provider only, on behalf of the individual noted in the sender information.

[Redacted]

**From:** Food & Water Watch <act@fwwatch.org> on behalf of Colin Morris <act@fwwatch.org>  
**Sent:** Friday, June 23, 2017 1:18 PM  
**To:** DNR.HFPublicComments  
**Subject:** [External] Public Comment regarding HVHHF Review #:000001

Jun 23, 2017

Illinois Department of Natural Resources Illinois Department of Natural Resources IL

Dear Illinois Department of Natural Resources,

I urge you to protect Illinois' natural resources and our public health and safety by denying Woolsey Operating Company LLC's well permit application (HVHHF Review #: 000001).

Hundreds of studies have shown that the practice of hydraulic fracturing pollutes our air, water and soil with toxic, carcinogenic and radioactive materials.

Even without any severe accident (such as the Woolsey well explosion in Fairfield in 2014), we know through air sampling, water testing and infrared footage that fracked wells leak. The proposed well site is within one mile of at least 5 known oil wells, and Woolsey Oil Corporation has a plan to flare excess methane, exposing the area nearby to toxins.

Do not sacrifice the health of Illinoisans and our natural resources for a toxic industry. Please deny the Woolsey Operating Company fracked well permit.

Sincerely,

Mr. Colin Morris

[Redacted Signature]

[REDACTED]

**From:** Charles Morris ([REDACTED]) Sent You a Personal Message <[REDACTED]>  
**Sent:** Friday, June 23, 2017 2:59 PM  
**To:** DNR.HFPublicComments  
**Subject:** [External] Review Number HVHHF-000001

Dear Illinois Department of Natural Resources,

I am writing these comments in regards to the application from Woolsey Operating Company, LLC for a permit under the Hydraulic Fracturing Regulatory Act (HFRA), assigned to Review Number HVHHF-000001. The proposed well (Woodrow #1H-310408-193) in White County, Illinois would threaten public health and safety and the permit application contains a number of issues highlighted below.

The application is woefully lacking in data and information required by the Illinois legislature and Illinois DNR under the rules and regulations of the HFRA that are designed to protect public health and the environment, and so cannot be approved as submitted. For example, the permit application does not give the exact location of the two disposal wells. The locations should be given with GPS coordinates so that the public knows exactly where these wells are located.

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5. The operations as described in the application would fail to preserve topsoil, and the stormwater management plan is inadequate.
6. The application plans for deficient surface and groundwater sampling. Adequate sampling must be required to protect important water sources.

Thank you for your attention to my comments. Illinois DNR should reject the company's inadequate permit application that fails to protect our health and environment.

Sincerely,

Charles Morris

[REDACTED]

This message was sent by KnowWho, as a service provider only, on behalf of the individual noted in the sender information.

[REDACTED]

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**From:** Isabel Moroney [REDACTED] Sent You a Personal Message <[REDACTED]>  
**Sent:** Monday, June 26, 2017 7:13 AM  
**To:** DNR.HFPublicComments  
**Subject:** [External] Review Number HVHHF-000001

Dear Illinois Department of Natural Resources,

I am writing these comments in regards to the application from Woolsey Operating Company, LLC for a permit under the Hydraulic Fracturing Regulatory Act (HFRA), assigned to Review Number HVHHF-000001. The proposed well (Woodrow #1H-310408-193) in White County, Illinois would threaten public health and safety and the permit application contains a number of issues highlighted below.

The application is woefully lacking in data and information required by the Illinois legislature and Illinois DNR under the rules and regulations of the HFRA that are designed to protect public health and the environment, and so cannot be approved as submitted. For example, the permit application does not give the exact location of the two disposal wells. The locations should be given with GPS coordinates so that the public knows exactly where these wells are located.

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6. The application plans for deficient surface and groundwater sampling. Adequate sampling must be required to protect important water sources.

Thank you for your attention to my comments. Illinois DNR should reject the company's inadequate permit application that fails to protect our health and environment.

Sincerely,

Isabel Moroney  
[REDACTED]

This message was sent by KnowWho, as a service provider only, on behalf of the individual noted in the sender information.

[REDACTED]

**From:** Dom Mucci ([REDACTED]) Sent You a Personal Message <[REDACTED]>  
**Sent:** Monday, June 26, 2017 5:45 PM  
**To:** DNR.HFPublicComments  
**Subject:** [External] Review Number HVHHF-000001

Dear Illinois Department of Natural Resources,

I am writing these comments in regards to the application from Woolsey Operating Company, LLC for a permit under the Hydraulic Fracturing Regulatory Act (HFRA), assigned to Review Number HVHHF-000001. The proposed well (Woodrow #1H-310408-193) in White County, Illinois would threaten public health and safety and the permit application contains a number of issues highlighted below.

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6. The application plans for deficient surface and groundwater sampling. Adequate sampling must be required to protect important water sources.

Thank you for your attention to my comments. Illinois DNR should reject the company's inadequate permit application that fails to protect our health and environment.

Sincerely,

Dom Mucci

[REDACTED]

This message was sent by KnowWho, as a service provider only, on behalf of the individual noted in the sender information.

[REDACTED]

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**From:** Janet Mroczek ([REDACTED]) Sent You a Personal Message <[REDACTED]>  
**Sent:** Saturday, June 24, 2017 3:37 PM  
**To:** DNR.HFPublicComments  
**Subject:** [External] Review Number HVHHF-000001

**Follow Up Flag:** Follow up  
**Flag Status:** Flagged

Dear Illinois Department of Natural Resources,

I am writing these comments in regards to the application from Woolsey Operating Company, LLC for a permit under the Hydraulic Fracturing Regulatory Act (HFRA), assigned to Review Number HVHHF-000001. The proposed well (Woodrow #1H-310408-193) in White County, Illinois would threaten public health and safety and the permit application contains a number of issues highlighted below.

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Thank you for your attention to my comments. Illinois DNR should reject the company's inadequate permit application that fails to protect our health and environment.

Sincerely,

Janet Mroczek  
[REDACTED]

This message was sent by KnowWho, as a service provider only, on behalf of the individual noted in the sender information.

[REDACTED]

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**From:** Tiago Moura <[REDACTED]>  
**Sent:** Friday, July 28, 2017 11:39 AM  
**To:** DNR.HFPublicComments  
**Subject:** [External] HVVHF #000001

Hello,

I am writing regarding the The Woolsey application for a High Volume Hydraulic Fracturing Permit (HVHVF #000001).

The Woolsey application is woefully inadequate. There were overarching generalities and deficiencies in the application, not to mention problems where information was actually provided.

I continue to have a concern regarding Woolsey's capability to adhere to the letter or spirit of the Hydraulic Fracturing Regulatory Act (HFRA). They clearly demonstrated their inability to complete a full and complete initial application to engage in high volume horizontal fracking. They were essentially given an "open book" test with the passage of the HFRA and have demonstrated they still can't pass that test without extensive help on the part of the Department, the environmental community and the public through written comments. I believe they have demonstrated that they lack both the capacity and willingness to comply with the law. As such, I assert that they should not be granted a permit to engage in fracking in the state of Illinois.

Thanks,  
Tiago

[REDACTED]

**From:** Jenny Mottola ([REDACTED]) Sent You a Personal Message  
<[REDACTED]>  
**Sent:** Friday, June 23, 2017 10:00 PM  
**To:** DNR.HFPublicComments  
**Subject:** [External] Review Number HVHHF-000001

**Follow Up Flag:** Follow up  
**Flag Status:** Flagged

Dear Illinois Department of Natural Resources,

I am writing these comments in regards to the application from Woolsey Operating Company, LLC for a permit under the Hydraulic Fracturing Regulatory Act (HFRA), assigned to Review Number HVHHF-000001. The proposed well (Woodrow #1H-310408-193) in White County, Illinois would threaten public health and safety and the permit application contains a number of issues highlighted below.

The application is woefully lacking in data and information required by the Illinois legislature and Illinois DNR under the rules and regulations of the HFRA that are designed to protect public health and the environment, and so cannot be approved as submitted. For example, the permit application does not give the exact location of the two disposal wells. The locations should be given with GPS coordinates so that the public knows exactly where these wells are located.

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5. The operations as described in the application would fail to preserve topsoil, and the stormwater management plan is inadequate.
6. The application plans for deficient surface and groundwater sampling. Adequate sampling must be required to protect important water sources.

Thank you for your attention to my comments. Illinois DNR should reject the company's inadequate permit application that fails to protect our health and environment.

Sincerely,

Jenny Mottola  
[REDACTED]

This message was sent by KnowWho, as a service provider only, on behalf of the individual noted in the sender information.



[Redacted]

**From:** Food & Water Watch <act@fwwatch.org> on behalf of Jenny Mottola <act@fwwatch.org>  
**Sent:** Friday, June 16, 2017 4:11 PM  
**To:** DNR.HFPublicComments  
**Subject:** [External] Public Comment regarding HVHHF Review #:000001

Jun 16, 2017

Illinois Department of Natural Resources Illinois Department of Natural Resources IL

Dear Illinois Department of Natural Resources,

I urge you to protect Illinois' natural resources and our public health and safety by denying Woolsey Operating Company LLC's well permit application (HVHHF Review #: 000001).

Hundreds of studies have shown that the practice of hydraulic fracturing pollutes our air, water and soil with toxic, carcinogenic and radioactive materials.

Even without any severe accident (such as the Woolsey well explosion in Fairfield in 2014), we know through air sampling, water testing and infrared footage that fracked wells leak. The proposed well site is within one mile of at least 5 known oil wells, and Woolsey Oil Corporation has a plan to flare excess methane, exposing the area nearby to toxins.

Do not sacrifice the health of Illinoisans and our natural resources for a toxic industry. Please deny the Woolsey Operating Company fracked well permit.

Sincerely,

Miss Jenny Mottola

[Redacted Signature]

[REDACTED]

**From:** Jean Motta ([REDACTED]) Sent You a Personal Message <[REDACTED]>  
**Sent:** Friday, June 23, 2017 3:29 PM  
**To:** DNR.HFPublicComments  
**Subject:** [External] Review Number HVHHF-000001

Dear Illinois Department of Natural Resources,

I am writing these comments in regards to the application from Woolsey Operating Company, LLC for a permit under the Hydraulic Fracturing Regulatory Act (HFRA), assigned to Review Number HVHHF-000001. The proposed well (Woodrow #1H-310408-193) in White County, Illinois would threaten public health and safety and the permit application contains a number of issues highlighted below.

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5. The operations as described in the application would fail to preserve topsoil, and the stormwater management plan is inadequate.
6. The application plans for deficient surface and groundwater sampling. Adequate sampling must be required to protect important water sources.

Thank you for your attention to my comments. Illinois DNR should reject the company's inadequate permit application that fails to protect our health and environment.

Sincerely,

Jean Motta  
[REDACTED]

This message was sent by KnowWho, as a service provider only, on behalf of the individual noted in the sender information.

[REDACTED]

**From:** Food & Water Watch <act@fwwatch.org> on behalf of Eric Moss <act@fwwatch.org>  
**Sent:** Friday, June 16, 2017 2:41 PM  
**To:** DNR.HFPublicComments  
**Subject:** [External] Public Comment regarding HVHFF Review #:000001

Jun 16, 2017

Illinois Department of Natural Resources Illinois Department of Natural Resources IL

Dear Illinois Department of Natural Resources,

I urge you to protect Illinois' natural resources and our public health and safety by denying Woolsey Operating Company LLC's well permit application (HVHFF Review #: 000001).

Hundreds of studies have shown that the practice of hydraulic fracturing pollutes our air, water and soil with toxic, carcinogenic and radioactive materials.

Even without any severe accident (such as the Woolsey well explosion in Fairfield in 2014), we know through air sampling, water testing and infrared footage that fracked wells leak. The proposed well site is within one mile of at least 5 known oil wells, and Woolsey Oil Corporation has a plan to flare excess methane, exposing the area nearby to toxins.

Do not sacrifice the health of Illinoisans and our natural resources for a toxic industry. Please deny the Woolsey Operating Company fracked well permit.

Sincerely,

Mr. Eric Moss

[REDACTED]

[REDACTED]

**From:** Food & Water Watch <act@fwwatch.org> on behalf of Carol Moss <act@fwwatch.org>  
**Sent:** Monday, June 26, 2017 5:37 PM  
**To:** DNR.HFPublicComments  
**Subject:** [External] Public Comment regarding HVHHF Review #:000001

Jun 26, 2017

Illinois Department of Natural Resources Illinois Department of Natural Resources IL

Dear Illinois Department of Natural Resources,

I urge you to protect Illinois' natural resources and our public health and safety by denying Woolsey Operating Company LLC's well permit application (HVHHF Review #: 000001).

Hundreds of studies have shown that the practice of hydraulic fracturing pollutes our air, water and soil with toxic, carcinogenic and radioactive materials.

Even without any severe accident (such as the Woolsey well explosion in Fairfield in 2014), we know through air sampling, water testing and infrared footage that fracked wells leak. The proposed well site is within one mile of at least 5 known oil wells, and Woolsey Oil Corporation has a plan to flare excess methane, exposing the area nearby to toxins.

Do not sacrifice the health of Illinoisans and our natural resources for a toxic industry. Please deny the Woolsey Operating Company fracked well permit.

Sincerely,

Ms. Carol Moss

[REDACTED]

[Redacted]

**From:** Christine Mosley [Redacted] ) Sent You a Personal Message  
<automail@knowwho.com>  
**Sent:** Friday, June 23, 2017 10:40 PM  
**To:** DNR.HFPublicComments  
**Subject:** [External] Review Number HVHHF-000001

**Follow Up Flag:** Follow up  
**Flag Status:** Flagged

Dear Illinois Department of Natural Resources,

I am writing these comments in regards to the application from Woolsey Operating Company, LLC for a permit under the Hydraulic Fracturing Regulatory Act (HFRA), assigned to Review Number HVHHF-000001. The proposed well (Woodrow #1H-310408-193) in White County, Illinois would threaten public health and safety and the permit application contains a number of issues highlighted below.

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6. The application plans for deficient surface and groundwater sampling. Adequate sampling must be required to protect important water sources.

Thank you for your attention to my comments. Illinois DNR should reject the company's inadequate permit application that fails to protect our health and environment.

Sincerely,

Christine Mosley  
[Redacted]

This message was sent by KnowWho, as a service provider only, on behalf of the individual noted in the sender information.

[REDACTED]

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**From:** Food & Water Watch <act@fwwatch.org> on behalf of Sarah Moses <act@fwwatch.org>  
**Sent:** Friday, June 23, 2017 10:19 PM  
**To:** DNR.HFPublicComments  
**Subject:** [External] Public Comment regarding HVHHF Review #:000001

**Follow Up Flag:** Follow up  
**Flag Status:** Flagged

Jun 23, 2017

Illinois Department of Natural Resources Illinois Department of Natural Resources IL

Dear Illinois Department of Natural Resources,

I urge you to protect Illinois' natural resources and our public health and safety by denying Woolsey Operating Company LLC's well permit application (HVHHF Review #: 000001).

Hundreds of studies have shown that the practice of hydraulic fracturing pollutes our air, water and soil with toxic, carcinogenic and radioactive materials.

Even without any severe accident (such as the Woolsey well explosion in Fairfield in 2014), we know through air sampling, water testing and infrared footage that fracked wells leak. The proposed well site is within one mile of at least 5 known oil wells, and Woolsey Oil Corporation has a plan to flare excess methane, exposing the area nearby to toxins.

Do not sacrifice the health of Illinoisans and our natural resources for a toxic industry. Please deny the Woolsey Operating Company fracked well permit.

Sincerely,

Ms. Sarah Moses

[REDACTED]

[Redacted]

**From:** Food & Water Watch <act@fwwatch.org> on behalf of Norma Claire Moruzzi <act@fwwatch.org>  
**Sent:** Friday, June 16, 2017 5:19 PM  
**To:** DNR.HFPublicComments  
**Subject:** [External] Public Comment regarding HVHHF Review #:000001

Jun 16, 2017

Illinois Department of Natural Resources Illinois Department of Natural Resources IL

Dear Illinois Department of Natural Resources,

I strongly urge you to protect Illinois' natural resources and our public health and safety by denying Woolsey Operating Company LLC's well permit application (HVHHF Review #: 000001).

Hundreds of studies have shown that the practice of hydraulic fracturing pollutes our air, water and soil with toxic, carcinogenic and radioactive materials.

Even without any severe accident (such as the Woolsey well explosion in Fairfield in 2014), we know through air sampling, water testing and infrared footage that fracked wells leak. The proposed well site is within one mile of at least 5 known oil wells, and Woolsey Oil Corporation has a plan to flare excess methane, exposing the area nearby to toxins.

Do not sacrifice the health of Illinoisans and our natural resources for a toxic industry. Please deny the Woolsey Operating Company fracked well permit.

Sincerely,

Dr. Norma Claire Moruzzi

[Redacted]

[Redacted]

**From:** Food & Water Watch <act@fwwatch.org> on behalf of John and Barbara Mortier <act@fwwatch.org>  
**Sent:** Friday, June 16, 2017 3:11 PM  
**To:** DNR.HFPublicComments  
**Subject:** [External] Public Comment regarding HVHHF Review #:000001

Jun 16, 2017

Illinois Department of Natural Resources Illinois Department of Natural Resources IL

Dear Illinois Department of Natural Resources,

I urge you to protect Illinois' natural resources and our public health and safety by denying Woolsey Operating Company LLC's well permit application (HVHHF Review #: 000001).

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Do not sacrifice the health of Illinoisans and our natural resources for a toxic industry. Please deny the Woolsey Operating Company fracked well permit.

Sincerely,

Mr. John and Barbara Mortier

[Redacted signature]





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**From:** susan mortensen <info@actionnetwork.org>  
**Sent:** Sunday, June 25, 2017 8:57 AM  
**To:** DNR.HFPublicComments  
**Subject:** [External] Public Comment regarding HVHHF Review #:000001

Oil & Gas Regulatory Staff,

I urge you to protect Illinois' natural resources and our public health and safety by denying Woolsey Operating Company LLC's well permit application (HVHHF Review #: 000001).

Hundreds of studies have shown that the practice of hydraulic fracturing pollutes our air, water and soil with toxic, carcinogenic and radioactive materials.

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Do not sacrifice the health of Illinoisans and our natural resources for a toxic industry. Please deny the Woolsey Operating Company fracked well permit.

susan mortensen



[Redacted]

**From:** Food & Water Watch <act@fwwatch.org> on behalf of Jennifer Morski <act@fwwatch.org>  
**Sent:** Saturday, June 17, 2017 1:42 AM  
**To:** DNR.HFPublicComments  
**Subject:** [External] Public Comment regarding HVHHF Review #:000001

Jun 17, 2017

Illinois Department of Natural Resources Illinois Department of Natural Resources IL

Dear Illinois Department of Natural Resources,

I urge you to protect Illinois' natural resources and our public health and safety by denying Woolsey Operating Company LLC's well permit application (HVHHF Review #: 000001).

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Do not sacrifice the health of Illinoisans and our natural resources for a toxic industry. Please deny the Woolsey Operating Company fracked well permit.

Sincerely,

Ms. Jennifer Morski

[Redacted signature block]

[REDACTED]

**From:** William Morrison ([REDACTED]) Sent You a Personal Message  
<[REDACTED]>  
**Sent:** Friday, June 23, 2017 4:56 PM  
**To:** DNR.HFPublicComments  
**Subject:** [External] Review Number HVHHF-000001

Dear Illinois Department of Natural Resources,

I am writing these comments in regards to the application from Woolsey Operating Company, LLC for a permit under the Hydraulic Fracturing Regulatory Act (HFRA), assigned to Review Number HVHHF-000001. The proposed well (Woodrow #1H-310408-193) in White County, Illinois would threaten public health and safety and the permit application contains a number of issues highlighted below.

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Thank you for your attention to my comments. Illinois DNR should reject the company's inadequate permit application that fails to protect our health and environment.

Sincerely,

William Morrison  
[REDACTED]

This message was sent by KnowWho, as a service provider only, on behalf of the individual noted in the sender information.

[Redacted]

**From:** Food & Water Watch <act@fwwatch.org> on behalf of Leslie Morrison <act@fwwatch.org>  
**Sent:** Sunday, June 18, 2017 8:22 AM  
**To:** DNR.HFPublicComments  
**Subject:** [External] Public Comment regarding HVHHF Review #:000001

Jun 18, 2017

Illinois Department of Natural Resources Illinois Department of Natural Resources IL

Dear Illinois Department of Natural Resources,

I urge you to protect Illinois' natural resources and our public health and safety by denying Woolsey Operating Company LLC's well permit application (HVHHF Review #: 000001).

Hundreds of studies have shown that the practice of hydraulic fracturing pollutes our air, water and soil with toxic, carcinogenic and radioactive materials.

Even without any severe accident (such as the Woolsey well explosion in Fairfield in 2014), we know through air sampling, water testing and infrared footage that fracked wells leak. The proposed well site is within one mile of at least 5 known oil wells, and Woolsey Oil Corporation has a plan to flare excess methane, exposing the area nearby to toxins.

Do not sacrifice the health of Illinoisans and our natural resources for a toxic industry. Please deny the Woolsey Operating Company fracked well permit.

Sincerely,

Ms. Leslie Morrison

[Redacted signature block]

[Redacted]

**From:** Food & Water Watch <act@fwwatch.org> on behalf of Eileen Morrison <act@fwwatch.org>  
**Sent:** Thursday, June 22, 2017 3:16 PM  
**To:** DNR.HFPublicComments  
**Subject:** [External] Public Comment regarding HVHHF Review #:000001

Jun 22, 2017

Illinois Department of Natural Resources Illinois Department of Natural Resources IL

Dear Illinois Department of Natural Resources,

I urge you to protect Illinois' natural resources and our public health and safety by denying Woolsey Operating Company LLC's well permit application (HVHHF Review #: 000001).

Hundreds of studies have shown that the practice of hydraulic fracturing pollutes our air, water and soil with toxic, carcinogenic and radioactive materials.

Even without any severe accident (such as the Woolsey well explosion in Fairfield in 2014), we know through air sampling, water testing and infrared footage that fracked wells leak. The proposed well site is within one mile of at least 5 known oil wells, and Woolsey Oil Corporation has a plan to flare excess methane, exposing the area nearby to toxins.

Do not sacrifice the health of Illinoisans and our natural resources for a toxic industry. Please deny the Woolsey Operating Company fracked well permit.

Sincerely,

Ms. Eileen Morrison

[Redacted Signature]

[Redacted]

**From:** Food & Water Watch <act@fwwatch.org> on behalf of Eileen Morrison <act@fwwatch.org>  
**Sent:** Friday, June 16, 2017 2:41 PM  
**To:** DNR.HFPublicComments  
**Subject:** [External] Public Comment regarding HVHFF Review #:000001

Jun 16, 2017

Illinois Department of Natural Resources Illinois Department of Natural Resources IL

Dear Illinois Department of Natural Resources,

I urge you to protect Illinois' natural resources and our public health and safety by denying Woolsey Operating Company LLC's well permit application (HVHFF Review #: 000001).

Hundreds of studies have shown that the practice of hydraulic fracturing pollutes our air, water and soil with toxic, carcinogenic and radioactive materials.

Even without any severe accident (such as the Woolsey well explosion in Fairfield in 2014), we know through air sampling, water testing and infrared footage that fracked wells leak. The proposed well site is within one mile of at least 5 known oil wells, and Woolsey Oil Corporation has a plan to flare excess methane, exposing the area nearby to toxins.

Do not sacrifice the health of Illinoisans and our natural resources for a toxic industry. Please deny the Woolsey Operating Company fracked well permit.

Sincerely,

Ms. Eileen Morrison

[Redacted Signature]

[Redacted]

**From:** Food & Water Watch <act@fwwatch.org> on behalf of Lynn Morris <act@fwwatch.org>  
**Sent:** Friday, June 16, 2017 1:11 PM  
**To:** DNR.HFPublicComments  
**Subject:** [External] Public Comment regarding HVHHF Review #:0001

Jun 16, 2017

Illinois Department of Natural Resources Illinois Department of Natural Resources IL

Dear Illinois Department of Natural Resources,

I urge you to protect Illinois' natural resources and our public health and safety by denying Woolsey Operating Company LLC's well permit application (HVHHF Review #: 000001).

Hundreds of studies have shown that the practice of hydraulic fracturing pollutes our air, water and soil with toxic, carcinogenic and radioactive materials.

Even without any severe accident (such as the Woolsey well explosion in Fairfield in 2014), we know through air sampling, water testing and infrared footage that fracked wells leak. The proposed well site is within one mile of at least 5 known oil wells, and Woolsey Oil Corporation has a plan to flare excess methane, exposing the area nearby to toxins.

Fracking is dirty and dangerous. One man had his whole torso penetrated by a the spray of a fracking pipe that got disconnected.

Not to mention the earthquakes they cause.

Do not sacrifice the health of Illinoisans and our natural resources for a toxic industry. Please deny the Woolsey Operating Company fracked well permit.

Sincerely,

Ms. Lynn Morris

[Redacted signature]

[REDACTED]

---

**From:** Barbara Muceus [REDACTED] Sent You a Personal Message <[REDACTED]>  
**Sent:** Saturday, June 24, 2017 3:33 PM  
**To:** DNR.HFPublicComments  
**Subject:** [External] Review Number HVHHF-000001

**Follow Up Flag:** Follow up  
**Flag Status:** Flagged

Dear Illinois Department of Natural Resources,

I am writing these comments in regards to the application from Woolsey Operating Company, LLC for a permit under the Hydraulic Fracturing Regulatory Act (HFRA), assigned to Review Number HVHHF-000001. The proposed well (Woodrow #1H-310408-193) in White County, Illinois would threaten public health and safety and the permit application contains a number of issues highlighted below.

The application is woefully lacking in data and information required by the Illinois legislature and Illinois DNR under the rules and regulations of the HFRA that are designed to protect public health and the environment, and so cannot be approved as submitted. For example, the permit application does not give the exact location of the two disposal wells. The locations should be given with GPS coordinates so that the public knows exactly where these wells are located.

From the information that is provided, a number of concerns arise, including but not limited to:

1. The application requests exceptionally large water withdrawals from groundwater resources that are very susceptible to depletion, and fails to include plans to recycle water or otherwise minimize water consumption.
2. The application significantly underestimates flowback volumes, and plans for inadequate containment facilities for even that amount of flowback and other chemicals/wastes that the application does estimate.
3. The application conceals information on hazardous fracking chemicals without attempting to demonstrate entitlement to trade secret protection.
4. The application includes inadequate insurance for the well, with insurance that excludes the very types of damages to private landowners' property that should be protected.
5. The operations as described in the application would fail to preserve topsoil, and the stormwater management plan is inadequate.
6. The application plans for deficient surface and groundwater sampling. Adequate sampling must be required to protect important water sources.

Thank you for your attention to my comments. Illinois DNR should reject the company's inadequate permit application that fails to protect our health and environment.

Sincerely,

Barbara Muceus  
[REDACTED]

This message was sent by KnowWho, as a service provider only, on behalf of the individual noted in the sender information.



[Redacted]

**From:** Food & Water Watch <act@fwwatch.org> on behalf of Dominic Mucci <act@fwwatch.org>  
**Sent:** Thursday, June 22, 2017 4:16 PM  
**To:** DNR.HFPublicComments  
**Subject:** [External] Public Comment regarding HVHHF Review #:000001

Jun 22, 2017

Illinois Department of Natural Resources Illinois Department of Natural Resources IL

Dear Illinois Department of Natural Resources,

I urge you to protect Illinois' natural resources and our public health and safety by denying Woolsey Operating Company LLC's well permit application (HVHHF Review #: 000001).

Hundreds of studies have shown that the practice of hydraulic fracturing pollutes our air, water and soil with toxic, carcinogenic and radioactive materials.

Even without any severe accident (such as the Woolsey well explosion in Fairfield in 2014), we know through air sampling, water testing and infrared footage that fracked wells leak. The proposed well site is within one mile of at least 5 known oil wells, and Woolsey Oil Corporation has a plan to flare excess methane, exposing the area nearby to toxins.

Do not sacrifice the health of Illinoisans and our natural resources for a toxic industry. Please deny the Woolsey Operating Company fracked well permit.

Sincerely,

Mr. Dominic Mucci

[Redacted Signature]

[REDACTED]

**From:** Helen Murphy ([REDACTED]) Sent You a Personal Message  
<[REDACTED]>  
**Sent:** Saturday, June 24, 2017 2:50 PM  
**To:** DNR.HFPublicComments  
**Subject:** [External] Review Number HVHHF-000001

**Follow Up Flag:** Follow up  
**Flag Status:** Flagged

Dear Illinois Department of Natural Resources,

I am writing these comments in regards to the application from Woolsey Operating Company, LLC for a permit under the Hydraulic Fracturing Regulatory Act (HFRA), assigned to Review Number HVHHF-000001. The proposed well (Woodrow #1H-310408-193) in White County, Illinois would threaten public health and safety and the permit application contains a number of issues highlighted below.

The application is woefully lacking in data and information required by the Illinois legislature and Illinois DNR under the rules and regulations of the HFRA that are designed to protect public health and the environment, and so cannot be approved as submitted. For example, the permit application does not give the exact location of the two disposal wells. The locations should be given with GPS coordinates so that the public knows exactly where these wells are located.

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3. The application conceals information on hazardous fracking chemicals without attempting to demonstrate entitlement to trade secret protection.
4. The application includes inadequate insurance for the well, with insurance that excludes the very types of damages to private landowners' property that should be protected.
5. The operations as described in the application would fail to preserve topsoil, and the stormwater management plan is inadequate.
6. The application plans for deficient surface and groundwater sampling. Adequate sampling must be required to protect important water sources.

Thank you for your attention to my comments. Illinois DNR should reject the company's inadequate permit application that fails to protect our health and environment.

Sincerely,

Helen Murphy  
[REDACTED]

This message was sent by KnowWho, as a service provider only, on behalf of the individual noted in the sender information.

[Redacted]

**From:** Food & Water Watch <act@fwwatch.org> on behalf of Debra Murphy <act@fwwatch.org>  
**Sent:** Friday, June 23, 2017 10:48 PM  
**To:** DNR.HFPublicComments  
**Subject:** [External] Public Comment regarding HVHHF Review #:000001

**Follow Up Flag:** Follow up  
**Flag Status:** Flagged

Jun 23, 2017

Illinois Department of Natural Resources Illinois Department of Natural Resources IL

Dear Illinois Department of Natural Resources,

I urge you to protect Illinois' natural resources and our public health and safety by denying Woolsey Operating Company LLC's well permit application (HVHHF Review #: 000001).

Hundreds of studies have shown that the practice of hydraulic fracturing pollutes our air, water and soil with toxic, carcinogenic and radioactive materials.

Even without any severe accident (such as the Woolsey well explosion in Fairfield in 2014), we know through air sampling, water testing and infrared footage that fracked wells leak. The proposed well site is within one mile of at least 5 known oil wells, and Woolsey Oil Corporation has a plan to flare excess methane, exposing the area nearby to toxins.

Do not sacrifice the health of Illinoisans and our natural resources for a toxic industry. Please deny the Woolsey Operating Company fracked well permit.

Sincerely,

Mrs. Debra Murphy

[Redacted signature block]

[Redacted]

**From:** Food & Water Watch <act@fwwatch.org> on behalf of David Murphy <act@fwwatch.org>  
**Sent:** Friday, June 16, 2017 4:11 PM  
**To:** DNR.HFPublicComments  
**Subject:** [External] Public Comment regarding HVHFF Review #:000001

Jun 16, 2017

Illinois Department of Natural Resources Illinois Department of Natural Resources IL

Dear Illinois Department of Natural Resources,

I urge you to protect Illinois' natural resources and our public health and safety by denying Woolsey Operating Company LLC's well permit application (HVHFF Review #: 000001).

Hundreds of studies have shown that the practice of hydraulic fracturing pollutes our air, water and soil with toxic, carcinogenic and radioactive materials.

Even without any severe accident (such as the Woolsey well explosion in Fairfield in 2014), we know through air sampling, water testing and infrared footage that fracked wells leak. The proposed well site is within one mile of at least 5 known oil wells, and Woolsey Oil Corporation has a plan to flare excess methane, exposing the area nearby to toxins.

Do not sacrifice the health of Illinoisans and our natural resources for a toxic industry. Please deny the Woolsey Operating Company fracked well permit.

Sincerely,

Mr. David Murphy

[Redacted signature block]

[REDACTED]

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**From:** Barbara Murphy <[REDACTED]>  
**Sent:** Friday, June 23, 2017 10:59 AM  
**To:** DNR.HFPublicComments  
**Subject:** [External] comment on HVHHF-000001

Dear Oil & Gas Regulatory Staff:

Please reject HVHHF-000001. Hydraulic fracturing leads to water contamination, air pollution, and earthquakes. (White County is fairly close to the New Madrid Seismic Zone - not a fault we want to mess with.)

As a citizen of Illinois, I do not want to see lives put at risk (Woolsey is still in a law suit over a fracking well that exploded in 2014), people made ill by undisclosed pollutants, and the environment damaged. Especially just so another fossil fuel company can desperately suck out the last few drops of natural gas for a market that's already glutted, and destined to be replaced by solar and wind power.

Thank you for your time and consideration.

Sincerely,

Barbara M. Murphy

[REDACTED]

**From:** Food & Water Watch <act@fwwatch.org> on behalf of Joseph Mungai <act@fwwatch.org>  
**Sent:** Friday, June 16, 2017 10:49 PM  
**To:** DNR.HFPublicComments  
**Subject:** [External] Public Comment regarding HVHHF Review #:000001

Jun 16, 2017

Illinois Department of Natural Resources Illinois Department of Natural Resources IL

Dear Illinois Department of Natural Resources,

I urge you to protect Illinois' natural resources and our public health and safety by denying Woolsey Operating Company LLC's well permit application (HVHHF Review #: 000001).

Hundreds of studies have shown that the practice of hydraulic fracturing pollutes our air, water and soil with toxic, carcinogenic and radioactive materials.

Even without any severe accident (such as the Woolsey well explosion in Fairfield in 2014), we know through air sampling, water testing and infrared footage that fracked wells leak. The proposed well site is within one mile of at least 5 known oil wells, and Woolsey Oil Corporation has a plan to flare excess methane, exposing the area nearby to toxins.

Do not sacrifice the health of Illinoisans and our natural resources for a toxic industry. Please deny the Woolsey Operating Company fracked well permit.

Sincerely,

Mr. Joseph Mungai

[REDACTED]

[Redacted]

**From:** Joan Mundstock ([Redacted]) Sent You a Personal Message  
<[Redacted]>  
**Sent:** Friday, June 23, 2017 10:00 PM  
**To:** DNR.HFPublicComments  
**Subject:** [External] Review Number HVHHF-000001

**Follow Up Flag:** Follow up  
**Flag Status:** Flagged

Dear Illinois Department of Natural Resources,

I am writing these comments in regards to the application from Woolsey Operating Company, LLC for a permit under the Hydraulic Fracturing Regulatory Act (HFRA), assigned to Review Number HVHHF-000001. The proposed well (Woodrow #1H-310408-193) in White County, Illinois would threaten public health and safety and the permit application contains a number of issues highlighted below.

The application is woefully lacking in data and information required by the Illinois legislature and Illinois DNR under the rules and regulations of the HFRA that are designed to protect public health and the environment, and so cannot be approved as submitted. For example, the permit application does not give the exact location of the two disposal wells. The locations should be given with GPS coordinates so that the public knows exactly where these wells are located.

From the information that is provided, a number of concerns arise, including but not limited to:

1. The application requests exceptionally large water withdrawals from groundwater resources that are very susceptible to depletion, and fails to include plans to recycle water or otherwise minimize water consumption.
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4. The application includes inadequate insurance for the well, with insurance that excludes the very types of damages to private landowners' property that should be protected.
5. The operations as described in the application would fail to preserve topsoil, and the stormwater management plan is inadequate.
6. The application plans for deficient surface and groundwater sampling. Adequate sampling must be required to protect important water sources.

Thank you for your attention to my comments. Illinois DNR should reject the company's inadequate permit application that fails to protect our health and environment.

Sincerely,

Joan Mundstock

[Redacted]

This message was sent by KnowWho, as a service provider only, on behalf of the individual noted in the sender information.

[Redacted]

**From:** Food & Water Watch <act@fwwatch.org> on behalf of Dottie Mulligan <act@fwwatch.org>  
**Sent:** Friday, June 16, 2017 7:12 PM  
**To:** DNR.HFPublicComments  
**Subject:** [External] Public Comment regarding HVHFF Review #:000001

Jun 16, 2017

Illinois Department of Natural Resources Illinois Department of Natural Resources IL

Dear Illinois Department of Natural Resources,

I urge you to protect Illinois' natural resources and our public health and safety by denying Woolsey Operating Company LLC's well permit application (HVHFF Review #: 000001).

Hundreds of studies have shown that the practice of hydraulic fracturing pollutes our air, water and soil with toxic, carcinogenic and radioactive materials.

Even without any severe accident (such as the Woolsey well explosion in Fairfield in 2014), we know through air sampling, water testing and infrared footage that fracked wells leak. The proposed well site is within one mile of at least 5 known oil wells, and Woolsey Oil Corporation has a plan to flare excess methane, exposing the area nearby to toxins.

Do not sacrifice the health of Illinoisans and our natural resources for a toxic industry. Please deny the Woolsey Operating Company fracked well permit.

Sincerely,

Ms. Dottie Mulligan

[Redacted signature block]



[REDACTED]

**From:** Joan Muller <info@actionnetwork.org>  
**Sent:** Saturday, June 24, 2017 9:13 AM  
**To:** DNR.HFPublicComments  
**Subject:** [External] Public Comment regarding HVHHF Review #:000001

Oil & Gas Regulatory Staff,

I urge you to protect Illinois' natural resources and our public health and safety by denying Woolsey Operating Company LLC's well permit application (HVHHF Review #: 000001).

Hundreds of studies have shown that the practice of hydraulic fracturing pollutes our air, water and soil with toxic, carcinogenic and radioactive materials.

Even without any severe accident (such as the Woolsey well explosion in Fairfield in 2014), we know through air sampling, water testing and infrared footage that fracked wells leak. The proposed well site is within one mile of at least 5 known oil wells, and Woolsey Oil Corporation has a plan to flare excess methane, exposing the area nearby to toxins.

Do not sacrifice the health of Illinoisans and our natural resources for a toxic industry. Please deny the Woolsey Operating Company fracked well permit.

Joan Muller

[REDACTED]  
[REDACTED]  
[REDACTED]

[REDACTED]

**From:** Sarah Mulholland ([REDACTED]) Sent You a Personal Message <[REDACTED]>  
**Sent:** Saturday, June 24, 2017 8:12 PM  
**To:** DNR.HFPublicComments  
**Subject:** [External] Review Number HVHHF-000001

**Follow Up Flag:** Follow up  
**Flag Status:** Flagged

Dear Illinois Department of Natural Resources,

I am writing these comments in regards to the application from Woolsey Operating Company, LLC for a permit under the Hydraulic Fracturing Regulatory Act (HFRA), assigned to Review Number HVHHF-000001. The proposed well (Woodrow #1H-310408-193) in White County, Illinois would threaten public health and safety and the permit application contains a number of issues highlighted below.

The application is woefully lacking in data and information required by the Illinois legislature and Illinois DNR under the rules and regulations of the HFRA that are designed to protect public health and the environment, and so cannot be approved as submitted. For example, the permit application does not give the exact location of the two disposal wells. The locations should be given with GPS coordinates so that the public knows exactly where these wells are located.

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5. The operations as described in the application would fail to preserve topsoil, and the stormwater management plan is inadequate.
6. The application plans for deficient surface and groundwater sampling. Adequate sampling must be required to protect important water sources.

Thank you for your attention to my comments. Illinois DNR should reject the company's inadequate permit application that fails to protect our health and environment.

Sincerely,

Sarah Mulholland

[REDACTED]

This message was sent by KnowWho, as a service provider only, on behalf of the individual noted in the sender information.

[REDACTED]

---

**From:** Alice Mulberry ([REDACTED]) Sent You a Personal Message [REDACTED] >  
**Sent:** Friday, June 23, 2017 8:58 PM  
**To:** DNR.HFPublicComments  
**Subject:** [External] Review Number HVHHF-000001

Dear Illinois Department of Natural Resources,

I am writing these comments in regards to the application from Woolsey Operating Company, LLC for a permit under the Hydraulic Fracturing Regulatory Act (HFRA), assigned to Review Number HVHHF-000001. The proposed well (Woodrow #1H-310408-193) in White County, Illinois would threaten public health and safety and the permit application contains a number of issues highlighted below.

The application is woefully lacking in data and information required by the Illinois legislature and Illinois DNR under the rules and regulations of the HFRA that are designed to protect public health and the environment, and so cannot be approved as submitted. For example, the permit application does not give the exact location of the two disposal wells. The locations should be given with GPS coordinates so that the public knows exactly where these wells are located.

From the information that is provided, a number of concerns arise, including but not limited to:

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5. The operations as described in the application would fail to preserve topsoil, and the stormwater management plan is inadequate.
6. The application plans for deficient surface and groundwater sampling. Adequate sampling must be required to protect important water sources.

Thank you for your attention to my comments. Illinois DNR should reject the company's inadequate permit application that fails to protect our health and environment.

Furthermore, since I am very concerned about climate change, I do not approve of any new attempts to produce fossil fuels which will only add to that problem. The last thing we need right now in Illinois is a new fracking operation!

Sincerely,

Alice Mulberry  
[REDACTED]

This message was sent by KnowWho, as a service provider only, on behalf of the individual noted in the sender information.

[Redacted]

**From:** Food & Water Watch <act@fwwatch.org> on behalf of Brian Muhr <act@fwwatch.org>  
**Sent:** Sunday, June 18, 2017 12:52 AM  
**To:** DNR.HFPublicComments  
**Subject:** [External] Public Comment regarding HVHHF Review #:000001

Jun 18, 2017

Illinois Department of Natural Resources Illinois Department of Natural Resources IL

Dear Illinois Department of Natural Resources,

I urge you to protect Illinois' natural resources and our public health and safety by denying Woolsey Operating Company LLC's well permit application (HVHHF Review #: 000001).

Hundreds of studies have shown that the practice of hydraulic fracturing pollutes our air, water and soil with toxic, carcinogenic and radioactive materials.

Even without any severe accident (such as the Woolsey well explosion in Fairfield in 2014), we know through air sampling, water testing and infrared footage that fracked wells leak. The proposed well site is within one mile of at least 5 known oil wells, and Woolsey Oil Corporation has a plan to flare excess methane, exposing the area nearby to toxins.

Do not sacrifice the health of Illinoisans and our natural resources for a toxic industry. Please deny the Woolsey Operating Company fracked well permit.

Sincerely,

Mr. Brian Muhr

[Redacted signature]

[REDACTED]

**From:** Linnann Muhlemann ([REDACTED]) Sent You a Personal Message  
<[REDACTED]>  
**Sent:** Monday, June 26, 2017 10:51 AM  
**To:** DNR.HFPublicComments  
**Subject:** [External] Review Number HVHHF-000001

**Follow Up Flag:** Follow up  
**Flag Status:** Flagged

Dear Illinois Department of Natural Resources,

I am writing these comments in regards to the application from Woolsey Operating Company, LLC for a permit under the Hydraulic Fracturing Regulatory Act (HFRA), assigned to Review Number HVHHF-000001. The proposed well (Woodrow #1H-310408-193) in White County, Illinois would threaten public health and safety and the permit application contains a number of issues highlighted below.

The application is woefully lacking in data and information required by the Illinois legislature and Illinois DNR under the rules and regulations of the HFRA that are designed to protect public health and the environment, and so cannot be approved as submitted. For example, the permit application does not give the exact location of the two disposal wells. The locations should be given with GPS coordinates so that the public knows exactly where these wells are located.

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5. The operations as described in the application would fail to preserve topsoil, and the stormwater management plan is inadequate.
6. The application plans for deficient surface and groundwater sampling. Adequate sampling must be required to protect important water sources.

Thank you for your attention to my comments. Illinois DNR should reject the company's inadequate permit application that fails to protect our health and environment.

Sincerely,

Linnann Muhlemann  
[REDACTED]

This message was sent by KnowWho, as a service provider only, on behalf of the individual noted in the sender information.

[REDACTED]

**From:** Matthew Mueller ([REDACTED]) Sent You a Personal Message  
<[REDACTED]>  
**Sent:** Friday, June 23, 2017 2:39 PM  
**To:** DNR.HFPublicComments  
**Subject:** [External] Review Number HVHHF-000001

Dear Illinois Department of Natural Resources,

I am writing these comments in regards to the application from Woolsey Operating Company, LLC for a permit under the Hydraulic Fracturing Regulatory Act (HFRA), assigned to Review Number HVHHF-000001. The proposed well (Woodrow #1H-310408-193) in White County, Illinois would threaten public health and safety and the permit application contains a number of issues highlighted below.

The application is woefully lacking in data and information required by the Illinois legislature and Illinois DNR under the rules and regulations of the HFRA that are designed to protect public health and the environment, and so cannot be approved as submitted. For example, the permit application does not give the exact location of the two disposal wells. The locations should be given with GPS coordinates so that the public knows exactly where these wells are located.

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6. The application plans for deficient surface and groundwater sampling. Adequate sampling must be required to protect important water sources.

Thank you for your attention to my comments. Illinois DNR should reject the company's inadequate permit application that fails to protect our health and environment.

Sincerely,

Matthew Mueller  
[REDACTED]

This message was sent by KnowWho, as a service provider only, on behalf of the individual noted in the sender information.

[REDACTED]

---

**From:** Food & Water Watch <act@fwwatch.org> on behalf of Judith Mueller <act@fwwatch.org>  
**Sent:** Friday, June 16, 2017 1:11 PM  
**To:** DNR.HFPublicComments  
**Subject:** [External] Public Comment regarding HVHHF Review #:0001

Jun 16, 2017

Illinois Department of Natural Resources Illinois Department of Natural Resources IL

Dear Illinois Department of Natural Resources,

I urge you to protect Illinois' natural resources and our public health and safety by denying Woolsey Operating Company LLC's well permit application (HVHHF Review #: 000001).

Hundreds of studies have shown that the practice of hydraulic fracturing pollutes our air, water and soil with toxic, carcinogenic and radioactive materials.

Even without any severe accident (such as the Woolsey well explosion in Fairfield in 2014), we know through air sampling, water testing and infrared footage that fracked wells leak. The proposed well site is within one mile of at least 5 known oil wells, and Woolsey Oil Corporation has a plan to flare excess methane, exposing the area nearby to toxins.

FRACKING IS AN IRRESPONSIBLE RAPE OF OUR LAND AND CONSEQUENTIAL INJURY TO THOSE WHO DEPEND ON IT -- WITHOUT CONCERN OF CONSEQUENCES -- ALL FOR MONEY WITHOUT A WHISPER OF A THOUGHT TO IRREPARABLE CONSEQUENCES WHICH ARE NOT A MATTER OF "IF" BUT "WHEN" AS HISTORY HAS PROVED.

Do not sacrifice the health of Illinoisans and our natural resources for a toxic industry. Please deny the Woolsey Operating Company fracked well permit.

Sincerely,

Ms. Judith Mueller

[REDACTED]

[Redacted]

**From:** Food & Water Watch <act@fwwatch.org> on behalf of James Mueller <act@fwwatch.org>  
**Sent:** Thursday, June 22, 2017 12:16 PM  
**To:** DNR.HFPublicComments  
**Subject:** [External] Public Comment regarding HVHHF Review #:000001

Jun 22, 2017

Illinois Department of Natural Resources Illinois Department of Natural Resources IL

Dear Illinois Department of Natural Resources,

I urge you to protect Illinois' natural resources and our public health and safety by denying Woolsey Operating Company LLC's well permit application (HVHHF Review #: 000001).

Hundreds of studies have shown that the practice of hydraulic fracturing pollutes our air, water and soil with toxic, carcinogenic and radioactive materials.

Even without any severe accident (such as the Woolsey well explosion in Fairfield in 2014), we know through air sampling, water testing and infrared footage that fracked wells leak. The proposed well site is within one mile of at least 5 known oil wells, and Woolsey Oil Corporation has a plan to flare excess methane, exposing the area nearby to toxins.

Do not sacrifice the health of Illinoisans and our natural resources for a toxic industry. Please deny the Woolsey Operating Company fracked well permit.

Sincerely,

Mr. James Mueller

[Redacted signature block]



[REDACTED]

**From:** James Mueller ([REDACTED]) Sent You a Personal Message  
<[REDACTED]>  
**Sent:** Thursday, July 06, 2017 6:19 PM  
**To:** DNR.HFPublicComments  
**Subject:** [External] Review Number HVHHF-000001

Dear Illinois Department of Natural Resources,

I am writing these comments in regards to the application from Woolsey Operating Company, LLC for a permit under the Hydraulic Fracturing Regulatory Act (HFRA), assigned to Review Number HVHHF-000001. The proposed well (Woodrow #1H-310408-193) in White County, Illinois would threaten public health and safety and the permit application contains a number of issues highlighted below.

The application is woefully lacking in data and information required by the Illinois legislature and Illinois DNR under the rules and regulations of the HFRA that are designed to protect public health and the environment, and so cannot be approved as submitted. For example, the permit application does not give the exact location of the two disposal wells. The locations should be given with GPS coordinates so that the public knows exactly where these wells are located.

From the information that is provided, a number of concerns arise, including but not limited to:

1. The application requests exceptionally large water withdrawals from groundwater resources that are very susceptible to depletion, and fails to include plans to recycle water or otherwise minimize water consumption.
2. The application significantly underestimates flowback volumes, and plans for inadequate containment facilities for even that amount of flowback and other chemicals/wastes that the application does estimate.
3. The application conceals information on hazardous fracking chemicals without attempting to demonstrate entitlement to trade secret protection.
4. The application includes inadequate insurance for the well, with insurance that excludes the very types of damages to private landowners' property that should be protected.
5. The operations as described in the application would fail to preserve topsoil, and the stormwater management plan is inadequate.
6. The application plans for deficient surface and groundwater sampling. Adequate sampling must be required to protect important water sources.

Thank you for your attention to my comments. Illinois DNR should reject the company's inadequate permit application that fails to protect our health and environment.

Sincerely,

James Mueller  
[REDACTED]

This message was sent by KnowWho, as a service provider only, on behalf of the individual noted in the sender information.

[Redacted]

**From:** Food & Water Watch <act@fwwatch.org> on behalf of Nathaniel Mudd <act@fwwatch.org>  
**Sent:** Friday, June 16, 2017 1:41 PM  
**To:** DNR.HFPublicComments  
**Subject:** [External] Public Comment regarding HVHHF Review #:000001

Jun 16, 2017

Illinois Department of Natural Resources Illinois Department of Natural Resources IL

Dear Illinois Department of Natural Resources,

I urge you to protect Illinois' natural resources and our public health and safety by denying Woolsey Operating Company LLC's well permit application (HVHHF Review #: 000001).

Hundreds of studies have shown that the practice of hydraulic fracturing pollutes our air, water and soil with toxic, carcinogenic and radioactive materials.

Even without any severe accident (such as the Woolsey well explosion in Fairfield in 2014), we know through air sampling, water testing and infrared footage that fracked wells leak. The proposed well site is within one mile of at least 5 known oil wells, and Woolsey Oil Corporation has a plan to flare excess methane, exposing the area nearby to toxins.

Do not sacrifice the health of Illinoisans and our natural resources for a toxic industry. Please deny the Woolsey Operating Company fracked well permit.

Sincerely,

Mr. Nathaniel Mudd

[Redacted signature block]

[REDACTED]

**From:** Eric Muceus ([REDACTED]) Sent You a Personal Message <[REDACTED]>  
**Sent:** Friday, June 23, 2017 2:34 PM  
**To:** DNR.HFPublicComments  
**Subject:** [External] Review Number HVHHF-000001

Dear Illinois Department of Natural Resources,

I am writing these comments in regards to the application from Woolsey Operating Company, LLC for a permit under the Hydraulic Fracturing Regulatory Act (HFRA), assigned to Review Number HVHHF-000001. The proposed well (Woodrow #1H-310408-193) in White County, Illinois would threaten public health and safety and the permit application contains a number of issues highlighted below.

The application is woefully lacking in data and information required by the Illinois legislature and Illinois DNR under the rules and regulations of the HFRA that are designed to protect public health and the environment, and so cannot be approved as submitted. For example, the permit application does not give the exact location of the two disposal wells. The locations should be given with GPS coordinates so that the public knows exactly where these wells are located.

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5. The operations as described in the application would fail to preserve topsoil, and the stormwater management plan is inadequate.
6. The application plans for deficient surface and groundwater sampling. Adequate sampling must be required to protect important water sources.

Thank you for your attention to my comments. Illinois DNR should reject the company's inadequate permit application that fails to protect our health and environment.

Sincerely,

Eric Muceus  
[REDACTED]

This message was sent by KnowWho, as a service provider only, on behalf of the individual noted in the sender information.

[REDACTED]

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**From:** Jonathan Muse ([REDACTED]) Sent You a Personal Message <[REDACTED]>  
**Sent:** Friday, June 23, 2017 7:02 PM  
**To:** DNR.HFPublicComments  
**Subject:** [External] Review Number HVHHF-000001

Dear Illinois Department of Natural Resources,

I am writing these comments in regards to the application from Woolsey Operating Company, LLC for a permit under the Hydraulic Fracturing Regulatory Act (HFRA), assigned to Review Number HVHHF-000001. The proposed well (Woodrow #1H-310408-193) in White County, Illinois would threaten public health and safety and the permit application contains a number of issues highlighted below.

The application is woefully lacking in data and information required by the Illinois legislature and Illinois DNR under the rules and regulations of the HFRA that are designed to protect public health and the environment, and so cannot be approved as submitted. For example, the permit application does not give the exact location of the two disposal wells. The locations should be given with GPS coordinates so that the public knows exactly where these wells are located.

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5. The operations as described in the application would fail to preserve topsoil, and the stormwater management plan is inadequate.
6. The application plans for deficient surface and groundwater sampling. Adequate sampling must be required to protect important water sources.

Thank you for your attention to my comments. Illinois DNR should reject the company's inadequate permit application that fails to protect our health and environment.

Sincerely,

Jonathan Muse  
[REDACTED]

This message was sent by KnowWho, as a service provider only, on behalf of the individual noted in the sender information.



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**From:** joanne murphy <info@actionnetwork.org>  
**Sent:** Friday, June 23, 2017 3:29 PM  
**To:** DNR.HFPublicComments  
**Subject:** [External] Public Comment regarding HVHHF Review #:000001

**Follow Up Flag:** Follow up  
**Flag Status:** Flagged

Oil & Gas Regulatory Staff,

I urge you to protect Illinois' natural resources and our public health and safety by denying Woolsey Operating Company LLC's well permit application (HVHHF Review #: 000001).

Hundreds of studies have shown that the practice of hydraulic fracturing pollutes our air, water and soil with toxic, carcinogenic and radioactive materials.

Even without any severe accident (such as the Woolsey well explosion in Fairfield in 2014), we know through air sampling, water testing and infrared footage that fracked wells leak. The proposed well site is within one mile of at least 5 known oil wells, and Woolsey Oil Corporation has a plan to flare excess methane, exposing the area nearby to toxins.

Do not sacrifice the health of Illinoisans and our natural resources for a toxic industry. Please deny the Woolsey Operating Company fracked well permit.

joanne murphy



[REDACTED]

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**From:** Ben Murray ([REDACTED]) Sent You a Personal Message <[REDACTED]>  
**Sent:** Saturday, June 24, 2017 1:30 PM  
**To:** DNR.HFPublicComments  
**Subject:** [External] Review Number HVHHF-000001

**Follow Up Flag:** Follow up  
**Flag Status:** Flagged

Dear Illinois Department of Natural Resources,

I am writing these comments in regards to the application from Woolsey Operating Company, LLC for a permit under the Hydraulic Fracturing Regulatory Act (HFRA), assigned to Review Number HVHHF-000001. The proposed well (Woodrow #1H-310408-193) in White County, Illinois would threaten public health and safety and the permit application contains a number of issues highlighted below.

The application is woefully lacking in data and information required by the Illinois legislature and Illinois DNR under the rules and regulations of the HFRA that are designed to protect public health and the environment, and so cannot be approved as submitted. For example, the permit application does not give the exact location of the two disposal wells. The locations should be given with GPS coordinates so that the public knows exactly where these wells are located.

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5. The operations as described in the application would fail to preserve topsoil, and the stormwater management plan is inadequate.
6. The application plans for deficient surface and groundwater sampling. Adequate sampling must be required to protect important water sources.

Thank you for your attention to my comments. Illinois DNR should reject the company's inadequate permit application that fails to protect our health and environment.

Sincerely,

Ben Murray  
[REDACTED]

This message was sent by KnowWho, as a service provider only, on behalf of the individual noted in the sender information.

[REDACTED]

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**From:** Robert Murphy <[REDACTED]>  
**Sent:** Friday, July 28, 2017 11:00 AM  
**To:** DNR.HFPublicComments  
**Subject:** [External] Re: Public Comments re: HVHHF #000001  
**Attachments:** Public Comments re HVHHF 000001.pdf

**Subject:** Public Comments re: HVHHF #000001

Public Comments re: HVHHF #000001

Dear IDNR Oil and Gas Regulatory Staff:

I am writing as a concerned citizen and member of The People's Lobby and Reclaim Chicago regarding the Woolsey Operating Company's application for a High Volume Hydraulic Fracturing Permit (HVHHF #000001).

The Woolsey application is woefully inadequate. There are overarching generalities and deficiencies in the initial application and supplemental information, not to mention problems where information was actually provided. The attached comments highlight areas of deficiency and concerning omissions in both the supplemental information and the original application.

I am concerned about Woolsey's capability to adhere to the letter or spirit of the Hydraulic Fracturing Regulatory Act (HFRA). They clearly demonstrated their inability to complete a full and complete initial application to engage in high volume horizontal fracking.

Woolsey should not be given a permit to engage in fracking in the state of Illinois -- Southern Illinoisans' water supplies, health, safety, and livelihoods are on the line.

Sincerely,

[REDACTED]

[REDACTED]

**From:** Joseph Naidnur ([REDACTED]) Sent You a Personal Message <[REDACTED]>  
**Sent:** Thursday, July 13, 2017 2:47 PM  
**To:** DNR.HFPublicComments  
**Subject:** [External] Review Number HVHHF-000001

Dear Illinois Department of Natural Resources,

I am writing these comments in regards to the application from Woolsey Operating Company, LLC for a permit under the Hydraulic Fracturing Regulatory Act (HFRA), assigned to Review Number HVHHF-000001. The proposed well (Woodrow #1H-310408-193) in White County, Illinois would threaten public health and safety and the permit application contains a number of issues highlighted below.

The application is woefully lacking in data and information required by the Illinois legislature and Illinois DNR under the rules and regulations of the HFRA that are designed to protect public health and the environment, and so cannot be approved as submitted. For example, the permit application does not give the exact location of the two disposal wells. The locations should be given with GPS coordinates so that the public knows exactly where these wells are located.

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5. The operations as described in the application would fail to preserve topsoil, and the stormwater management plan is inadequate.
6. The application plans for deficient surface and groundwater sampling. Adequate sampling must be required to protect important water sources.

Thank you for your attention to my comments. Illinois DNR should reject the company's inadequate permit application that fails to protect our health and environment.

Sincerely,

Joseph Naidnur  
[REDACTED]

This message was sent by KnowWho, as a service provider only, on behalf of the individual noted in the sender information.





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**From:** JONATHAN NAGY <info@actionnetwork.org>  
**Sent:** Friday, June 23, 2017 12:56 PM  
**To:** DNR.HFPublicComments  
**Subject:** [External] Public Comment regarding HVHHF Review #:000001

Oil & Gas Regulatory Staff,

I urge you to protect Illinois' natural resources and our public health and safety by denying Woolsey Operating Company LLC's well permit application (HVHHF Review #: 000001).

Hundreds of studies have shown that the practice of hydraulic fracturing pollutes our air, water and soil with toxic, carcinogenic and radioactive materials.

Even without any severe accident (such as the Woolsey well explosion in Fairfield in 2014), we know through air sampling, water testing and infrared footage that fracked wells leak. The proposed well site is within one mile of at least 5 known oil wells, and Woolsey Oil Corporation has a plan to flare excess methane, exposing the area nearby to toxins.

Do not sacrifice the health of Illinoisans and our natural resources for a toxic industry. Please deny the Woolsey Operating Company fracked well permit.

JONATHAN NAGY



[REDACTED]

**From:** Margaret Nagel <[REDACTED]>  
**Sent:** Friday, June 23, 2017 2:59 PM  
**To:** DNR.HFPublicComments  
**Subject:** [External] Public Comment regarding HVHHF Review #:000001

**Follow Up Flag:** Follow up  
**Flag Status:** Flagged

Oil & Gas Regulatory Staff,

Do not be responsible for a gigantic environmental disaster in our state. The known and potential dangers of fracking are enormous, and its value to us is very small. I urge you to protect Illinois' natural resources and our public health and safety by denying Woolsey Operating Company LLC's well permit application (HVHHF Review #: 000001).

Hundreds of studies have shown that the practice of hydraulic fracturing pollutes our air, water and soil with toxic, carcinogenic and radioactive materials.

Even without any severe accident (such as the Woolsey well explosion in Fairfield in 2014), we know through air sampling, water testing and infrared footage that fracked wells leak. The proposed well site is within one mile of at least 5 known oil wells, and Woolsey Oil Corporation has a plan to flare excess methane, exposing the area nearby to toxins.

Do not sacrifice the health of Illinoisans and our natural resources for a toxic industry. Please deny the Woolsey Operating Company fracked well permit.

Margaret Nagel

[REDACTED]  
[REDACTED]  
[REDACTED]

[REDACTED]

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**From:** Judy Nagel ([REDACTED]) Sent You a Personal Message <[REDACTED]>  
**Sent:** Friday, June 23, 2017 4:25 PM  
**To:** DNR.HFPublicComments  
**Subject:** [External] Review Number HVHHF-000001

Dear Illinois Department of Natural Resources,

I am writing these comments in regards to the application from Woolsey Operating Company, LLC for a permit under the Hydraulic Fracturing Regulatory Act (HFRA), assigned to Review Number HVHHF-000001. The proposed well (Woodrow #1H-310408-193) in White County, Illinois would threaten public health and safety and the permit application contains a number of issues highlighted below.

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5. The operations as described in the application would fail to preserve topsoil, and the stormwater management plan is inadequate.
6. The application plans for deficient surface and groundwater sampling. Adequate sampling must be required to protect important water sources.

Thank you for your attention to my comments. Illinois DNR should reject the company's inadequate permit application that fails to protect our health and environment.

Sincerely,

Judy Nagel  
[REDACTED]

This message was sent by KnowWho, as a service provider only, on behalf of the individual noted in the sender information.

[REDACTED]

**From:** Mary Naftzger ([REDACTED]) Sent You a Personal Message  
<[REDACTED]>  
**Sent:** Tuesday, June 27, 2017 1:34 PM  
**To:** DNR.HFPublicComments  
**Subject:** [External] Review Number HVHHF-000001

Dear Illinois Department of Natural Resources,

I am writing these comments in regards to the application from Woolsey Operating Company, LLC for a permit under the Hydraulic Fracturing Regulatory Act (HFRA), assigned to Review Number HVHHF-000001. The proposed well (Woodrow #1H-310408-193) in White County, Illinois would threaten public health and safety and the permit application contains a number of issues highlighted below.

The application is woefully lacking in data and information required by the Illinois legislature and Illinois DNR under the rules and regulations of the HFRA that are designed to protect public health and the environment, and so cannot be approved as submitted. For example, the permit application does not give the exact location of the two disposal wells. The locations should be given with GPS coordinates so that the public knows exactly where these wells are located.

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5. The operations as described in the application would fail to preserve topsoil, and the stormwater management plan is inadequate.
6. The application plans for deficient surface and groundwater sampling. Adequate sampling must be required to protect important water sources.

Thank you for your attention to my comments. Illinois DNR should reject the company's inadequate permit application that fails to protect our health and environment.

Sincerely,

Mary Naftzger  
[REDACTED]

This message was sent by KnowWho, as a service provider only, on behalf of the individual noted in the sender information.

[Redacted]

**From:** Food & Water Watch <act@fwwatch.org> on behalf of Vreni Naess <act@fwwatch.org>  
**Sent:** Friday, June 16, 2017 6:42 PM  
**To:** DNR.HFPublicComments  
**Subject:** [External] Public Comment regarding HVHHF Review #:000001

Jun 16, 2017

Illinois Department of Natural Resources Illinois Department of Natural Resources IL

Dear Illinois Department of Natural Resources,

I urge you to protect Illinois' natural resources and our public health and safety by denying Woolsey Operating Company LLC's well permit application (HVHHF Review #: 000001).

Hundreds of studies have shown that the practice of hydraulic fracturing pollutes our air, water and soil with toxic, carcinogenic and radioactive materials.

Even without any severe accident (such as the Woolsey well explosion in Fairfield in 2014), we know through air sampling, water testing and infrared footage that fracked wells leak. The proposed well site is within one mile of at least 5 known oil wells, and Woolsey Oil Corporation has a plan to flare excess methane, exposing the area nearby to toxins.

Fracking creates an ecological and human disaster, it may make a few entrepreneurs rich but will physically and financially harm thousands of others.

Let's make Illinois a state free of fracking!

Do not sacrifice the health of Illinoisans and our natural resources for a toxic industry. Please deny the Woolsey Operating Company fracked well permit.

Sincerely,

Ms. Vreni Naess

[Redacted]

[REDACTED]

**From:** Charles Nadler ([REDACTED]) Sent You a Personal Message <[REDACTED]>  
**Sent:** Friday, June 23, 2017 5:28 PM  
**To:** DNR.HFPublicComments  
**Subject:** [External] Review Number HVHHF-000001

Dear Illinois Department of Natural Resources,

I am writing these comments in regards to the application from Woolsey Operating Company, LLC for a permit under the Hydraulic Fracturing Regulatory Act (HFRA), assigned to Review Number HVHHF-000001. The proposed well (Woodrow #1H-310408-193) in White County, Illinois would threaten public health and safety and the permit application contains a number of issues highlighted below.

The application is woefully lacking in data and information required by the Illinois legislature and Illinois DNR under the rules and regulations of the HFRA that are designed to protect public health and the environment, and so cannot be approved as submitted. For example, the permit application does not give the exact location of the two disposal wells. The locations should be given with GPS coordinates so that the public knows exactly where these wells are located.

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5. The operations as described in the application would fail to preserve topsoil, and the stormwater management plan is inadequate.
6. The application plans for deficient surface and groundwater sampling. Adequate sampling must be required to protect important water sources.

Thank you for your attention to my comments. Illinois DNR should reject the company's inadequate permit application that fails to protect our health and environment.

Sincerely,

Charles Nadler  
[REDACTED]

This message was sent by KnowWho, as a service provider only, on behalf of the individual noted in the sender information.

[REDACTED]

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**From:** Val Nabolotny ([REDACTED]) Sent You a Personal Message <[REDACTED]>  
**Sent:** Friday, June 23, 2017 2:50 PM  
**To:** DNR.HFPublicComments  
**Subject:** [External] Review Number HVHHF-000001

Dear Illinois Department of Natural Resources,

I am writing these comments in regards to the application from Woolsey Operating Company, LLC for a permit under the Hydraulic Fracturing Regulatory Act (HFRA), assigned to Review Number HVHHF-000001. The proposed well (Woodrow #1H-310408-193) in White County, Illinois would threaten public health and safety and the permit application contains a number of issues highlighted below.

The application is woefully lacking in data and information required by the Illinois legislature and Illinois DNR under the rules and regulations of the HFRA that are designed to protect public health and the environment, and so cannot be approved as submitted. For example, the permit application does not give the exact location of the two disposal wells. The locations should be given with GPS coordinates so that the public knows exactly where these wells are located.

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6. The application plans for deficient surface and groundwater sampling. Adequate sampling must be required to protect important water sources.

Thank you for your attention to my comments. Illinois DNR should reject the company's inadequate permit application that fails to protect our health and environment.

Sincerely,

Val Nabolotny  
[REDACTED]

This message was sent by KnowWho, as a service provider only, on behalf of the individual noted in the sender information.

[Redacted]

**From:** Food & Water Watch <act@fwwatch.org> on behalf of Elisabeth N <act@fwwatch.org>  
**Sent:** Friday, June 16, 2017 2:11 PM  
**To:** DNR.HFPublicComments  
**Subject:** [External] Public Comment regarding HVHHF Review #:000001

Jun 16, 2017

Illinois Department of Natural Resources Illinois Department of Natural Resources IL

Dear Illinois Department of Natural Resources,

I urge you to protect Illinois' natural resources and our public health and safety by denying Woolsey Operating Company LLC's well permit application (HVHHF Review #: 000001).

Hundreds of studies have shown that the practice of hydraulic fracturing pollutes our air, water and soil with toxic, carcinogenic and radioactive materials.

Even without any severe accident (such as the Woolsey well explosion in Fairfield in 2014), we know through air sampling, water testing and infrared footage that fracked wells leak. The proposed well site is within one mile of at least 5 known oil wells, and Woolsey Oil Corporation has a plan to flare excess methane, exposing the area nearby to toxins. Here in Northern Illinois we have been working for years to clean up our waterways, lakes and rivers and groundwater, from many decades of industrial pollution and neglect. Please don't turn back our progress- and never allow any new source of poison and environmental degradation to begin attacking the lives of Illinois citizens- and taxpayers. Thank you for your attention.

Do not sacrifice the health of Illinoisans and our natural resources for a toxic industry. Please deny the Woolsey Operating Company fracked well permit.

Sincerely,

Ms. Elisabeth N

[Redacted signature]



[REDACTED]

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**From:** Elisabeth N. [REDACTED] Sent You a Personal Message <[REDACTED]>  
**Sent:** Friday, June 23, 2017 4:29 PM  
**To:** DNR.HFPublicComments  
**Subject:** [External] Review Number HVHHF-000001

Dear Illinois Department of Natural Resources,

I am writing these comments in regards to the application from Woolsey Operating Company, LLC for a permit under the Hydraulic Fracturing Regulatory Act (HFRA), assigned to Review Number HVHHF-000001. The proposed well (Woodrow #1H-310408-193) in White County, Illinois would threaten public health and safety and the permit application contains a number of issues highlighted below.

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5. The operations as described in the application would fail to preserve topsoil, and the stormwater management plan is inadequate.
6. The application plans for deficient surface and groundwater sampling. Adequate sampling must be required to protect important water sources.

Thank you for your attention to my comments. Illinois DNR should reject the company's inadequate permit application that fails to protect our health and environment.

Sincerely,

Elisabeth N.  
[REDACTED]

This message was sent by KnowWho, as a service provider only, on behalf of the individual noted in the sender information.

[REDACTED]

**From:** Alice Myslinski ([REDACTED]) Sent You a Personal Message <[REDACTED]>  
**Sent:** Friday, June 23, 2017 2:49 PM  
**To:** DNR.HFPublicComments  
**Subject:** [External] Review Number HVHHF-000001

Dear Illinois Department of Natural Resources,

I am writing these comments in regards to the application from Woolsey Operating Company, LLC for a permit under the Hydraulic Fracturing Regulatory Act (HFRA), assigned to Review Number HVHHF-000001. The proposed well (Woodrow #1H-310408-193) in White County, Illinois would threaten public health and safety and the permit application contains a number of issues highlighted below.

The application is woefully lacking in data and information required by the Illinois legislature and Illinois DNR under the rules and regulations of the HFRA that are designed to protect public health and the environment, and so cannot be approved as submitted. For example, the permit application does not give the exact location of the two disposal wells. The locations should be given with GPS coordinates so that the public knows exactly where these wells are located.

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4. The application includes inadequate insurance for the well, with insurance that excludes the very types of damages to private landowners' property that should be protected.
5. The operations as described in the application would fail to preserve topsoil, and the stormwater management plan is inadequate.
6. The application plans for deficient surface and groundwater sampling. Adequate sampling must be required to protect important water sources.

Thank you for your attention to my comments. Illinois DNR should reject the company's inadequate permit application that fails to protect our health and environment.

Sincerely,

Alice Myslinski

[REDACTED]

This message was sent by KnowWho, as a service provider only, on behalf of the individual noted in the sender information.

[Redacted]

**From:** Food & Water Watch <act@fwwatch.org> on behalf of Clayton Mutert <act@fwwatch.org>  
**Sent:** Wednesday, June 21, 2017 11:44 AM  
**To:** DNR.HFPublicComments  
**Subject:** [External] Public Comment regarding HVHHF Review #:000001

Jun 21, 2017

Illinois Department of Natural Resources Illinois Department of Natural Resources IL

Dear Illinois Department of Natural Resources,

I urge you to protect Illinois' natural resources and our public health and safety by denying Woolsey Operating Company LLC's well permit application (HVHHF Review #: 000001).

Hundreds of studies have shown that the practice of hydraulic fracturing pollutes our air, water and soil with toxic, carcinogenic and radioactive materials.

Even without any severe accident (such as the Woolsey well explosion in Fairfield in 2014), we know through air sampling, water testing and infrared footage that fracked wells leak. The proposed well site is within one mile of at least 5 known oil wells, and Woolsey Oil Corporation has a plan to flare excess methane, exposing the area nearby to toxins.

Do not sacrifice the health of Illinoisans and our natural resources for a toxic industry. Please deny the Woolsey Operating Company fracked well permit.

Sincerely,

Mr. Clayton Mutert

[Redacted]

[Redacted]

**From:** Food & Water Watch <act@fwwatch.org> on behalf of Kirsten Muszynski <act@fwwatch.org>  
**Sent:** Friday, June 16, 2017 2:41 PM  
**To:** DNR.HFPublicComments  
**Subject:** [External] Public Comment regarding HVHHF Review #:000001

Jun 16, 2017

Illinois Department of Natural Resources Illinois Department of Natural Resources IL

Dear Illinois Department of Natural Resources,

I urge you to protect Illinois' natural resources and our public health and safety by denying Woolsey Operating Company LLC's well permit application (HVHHF Review #: 000001).

Hundreds of studies have shown that the practice of hydraulic fracturing pollutes our air, water and soil with toxic, carcinogenic and radioactive materials.

Even without any severe accident (such as the Woolsey well explosion in Fairfield in 2014), we know through air sampling, water testing and infrared footage that fracked wells leak. The proposed well site is within one mile of at least 5 known oil wells, and Woolsey Oil Corporation has a plan to flare excess methane, exposing the area nearby to toxins.

Do not sacrifice the health of Illinoisans and our natural resources for a toxic industry. Please deny the Woolsey Operating Company fracked well permit.

Sincerely,

Mrs. Kirsten Muszynski

[Redacted Signature]

[REDACTED]

**From:** Jonathan Muse ([REDACTED]) Sent You a Personal Message <[REDACTED]>  
**Sent:** Friday, June 23, 2017 7:02 PM  
**To:** DNR.HFPublicComments  
**Subject:** [External] Review Number HVHHF-000001

Dear Illinois Department of Natural Resources,

I am writing these comments in regards to the application from Woolsey Operating Company, LLC for a permit under the Hydraulic Fracturing Regulatory Act (HFRA), assigned to Review Number HVHHF-000001. The proposed well (Woodrow #1H-310408-193) in White County, Illinois would threaten public health and safety and the permit application contains a number of issues highlighted below.

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Thank you for your attention to my comments. Illinois DNR should reject the company's inadequate permit application that fails to protect our health and environment.

Sincerely,

Jonathan Muse  
[REDACTED]

This message was sent by KnowWho, as a service provider only, on behalf of the individual noted in the sender information.

[Redacted]

**From:** Food & Water Watch <act@fwwatch.org> on behalf of Justin Murray <act@fwwatch.org>  
**Sent:** Friday, June 16, 2017 2:11 PM  
**To:** DNR.HFPublicComments  
**Subject:** [External] Public Comment regarding HVHHF Review #:000001

Jun 16, 2017

Illinois Department of Natural Resources Illinois Department of Natural Resources IL

Dear Illinois Department of Natural Resources,

I urge you to protect Illinois' natural resources and our public health and safety by denying Woolsey Operating Company LLC's well permit application (HVHHF Review #: 000001).

Hundreds of studies have shown that the practice of hydraulic fracturing pollutes our air, water and soil with toxic, carcinogenic and radioactive materials.

Even without any severe accident (such as the Woolsey well explosion in Fairfield in 2014), we know through air sampling, water testing and infrared footage that fracked wells leak. The proposed well site is within one mile of at least 5 known oil wells, and Woolsey Oil Corporation has a plan to flare excess methane, exposing the area nearby to toxins.

Do not sacrifice the health of Illinoisans and our natural resources for a toxic industry. Please deny the Woolsey Operating Company fracked well permit.

Sincerely,

Mr. Justin Murray

[Redacted Signature]

[REDACTED]

**From:** Gerald Murray ([REDACTED]) Sent You a Personal Message ([REDACTED]) >  
**Sent:** Friday, June 23, 2017 9:19 PM  
**To:** DNR.HFPublicComments  
**Subject:** [External] Review Number HVHHF-000001

**Follow Up Flag:** Follow up  
**Flag Status:** Flagged

Dear Illinois Department of Natural Resources,

I am writing these comments in regards to the application from Woolsey Operating Company, LLC for a permit under the Hydraulic Fracturing Regulatory Act (HFRA), assigned to Review Number HVHHF-000001. The proposed well (Woodrow #1H-310408-193) in White County, Illinois would threaten public health and safety and the permit application contains a number of issues highlighted below.

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Thank you for your attention to my comments. Illinois DNR should reject the company's inadequate permit application that fails to protect our health and environment.

Sincerely,

Gerald Murray  
[REDACTED]

This message was sent by KnowWho, as a service provider only, on behalf of the individual noted in the sender information.

[REDACTED]

**From:** Mb Napier ([REDACTED]) Sent You a Personal Message <[REDACTED]>  
**Sent:** Friday, June 23, 2017 2:42 PM  
**To:** DNR.HFPublicComments  
**Subject:** [External] Review Number HVHHF-000001

Dear Illinois Department of Natural Resources,

I am writing these comments in regards to the application from Woolsey Operating Company, LLC for a permit under the Hydraulic Fracturing Regulatory Act (HFRA), assigned to Review Number HVHHF-000001. The proposed well (Woodrow #1H-310408-193) in White County, Illinois would threaten public health and safety and the permit application contains a number of issues highlighted below.

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6. The application plans for deficient surface and groundwater sampling. Adequate sampling must be required to protect important water sources.

Thank you for your attention to my comments. Illinois DNR should reject the company's inadequate permit application that fails to protect our health and environment.

Sincerely,

Mb Napier  
[REDACTED]

This message was sent by KnowWho, as a service provider only, on behalf of the individual noted in the sender information.



[REDACTED]

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**From:** Kestutis Nakas ([REDACTED]) Sent You a Personal Message <[REDACTED]>  
**Sent:** Friday, June 23, 2017 8:41 PM  
**To:** DNR.HFPublicComments  
**Subject:** [External] Review Number HVHHF-000001

Dear Illinois Department of Natural Resources,

I am writing these comments in regards to the application from Woolsey Operating Company, LLC for a permit under the Hydraulic Fracturing Regulatory Act (HFRA), assigned to Review Number HVHHF-000001. The proposed well (Woodrow #1H-310408-193) in White County, Illinois would threaten public health and safety and the permit application contains a number of issues highlighted below.

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Thank you for your attention to my comments. Illinois DNR should reject the company's inadequate permit application that fails to protect our health and environment.

Sincerely,

Kestutis Nakas  
[REDACTED]

This message was sent by KnowWho, as a service provider only, on behalf of the individual noted in the sender information.

[Redacted]

**From:** Food & Water Watch <act@fwwatch.org> on behalf of Joseph Naidnur <act@fwwatch.org>  
**Sent:** Friday, June 16, 2017 5:19 PM  
**To:** DNR.HFPublicComments  
**Subject:** [External] Public Comment regarding HVHHF Review #:000001

Jun 16, 2017

Illinois Department of Natural Resources Illinois Department of Natural Resources IL

Dear Illinois Department of Natural Resources,

I urge you to protect Illinois' natural resources and our public health and safety by denying Woolsey Operating Company LLC's well permit application (HVHHF Review #: 000001).

Hundreds of studies have shown that the practice of hydraulic fracturing pollutes our air, water and soil with toxic, carcinogenic and radioactive materials.

Even without any severe accident (such as the Woolsey well explosion in Fairfield in 2014), we know through air sampling, water testing and infrared footage that fracked wells leak. The proposed well site is within one mile of at least 5 known oil wells, and Woolsey Oil Corporation has a plan to flare excess methane, exposing the area nearby to toxins.

Do not sacrifice the health of Illinoisans and our natural resources for a toxic industry. Please deny the Woolsey Operating Company fracked well permit.

Sincerely,

Mr. Joseph Naidnur

[Redacted signature block]

[REDACTED]

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**From:** Susan Nelson ([REDACTED]) Sent You a Personal Message <[REDACTED]>  
**Sent:** Saturday, June 24, 2017 3:49 PM  
**To:** DNR.HFPublicComments  
**Subject:** [External] Review Number HVHHF-000001

**Follow Up Flag:** Follow up  
**Flag Status:** Flagged

Dear Illinois Department of Natural Resources,

I am writing these comments in regards to the application from Woolsey Operating Company, LLC for a permit under the Hydraulic Fracturing Regulatory Act (HFRA), assigned to Review Number HVHHF-000001. The proposed well (Woodrow #1H-310408-193) in White County, Illinois would threaten public health and safety and the permit application contains a number of issues highlighted below.

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Thank you for your attention to my comments. Illinois DNR should reject the company's inadequate permit application that fails to protect our health and environment.

Sincerely,

Susan Nelson  
[REDACTED]

This message was sent by KnowWho, as a service provider only, on behalf of the individual noted in the sender information.

[REDACTED]

**From:** Michael Nelson ([REDACTED]) Sent You a Personal Message <[REDACTED]>  
**Sent:** Friday, June 23, 2017 4:05 PM  
**To:** DNR.HFPublicComments  
**Subject:** [External] Review Number HVHHF-000001

Dear Illinois Department of Natural Resources,

I am writing these comments in regards to the application from Woolsey Operating Company, LLC for a permit under the Hydraulic Fracturing Regulatory Act (HFRA), assigned to Review Number HVHHF-000001. The proposed well (Woodrow #1H-310408-193) in White County, Illinois would threaten public health and safety and the permit application contains a number of issues highlighted below.

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6. The application plans for deficient surface and groundwater sampling. Adequate sampling must be required to protect important water sources.

Thank you for your attention to my comments. Illinois DNR should reject the company's inadequate permit application that fails to protect our health and environment.

Sincerely,

Michael Nelson  
[REDACTED]

This message was sent by KnowWho, as a service provider only, on behalf of the individual noted in the sender information.

[REDACTED]

---

**From:** Karen Nelson <[REDACTED]>  
**Sent:** Thursday, June 29, 2017 6:46 PM  
**To:** DNR.HFPublicComments  
**Subject:** [External] Public Comment regarding Review #: HVHHF-000001

DNR Public Comment,

IDNR Oil and Gas Regulatory Staff,

I am writing these comments in regards to the application from Woolsey Operating Company, LLC for a permit under the Hydraulic Fracturing Regulatory Act (HFRA), assigned to Review Number HVHHF-000001. The proposed well (Woodrow #1H-310408-193) in White County, Illinois would threaten public health and safety and the permit application contains a number of issues highlighted below.

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Thank you for your attention to my comments. Illinois DNR should reject the company's inadequate permit application that fails to protect our health and environment.

Karen Nelson  
[REDACTED]



**From:** Food & Water Watch <act@fwwatch.org> on behalf of Karen Nelson <act@fwwatch.org>  
**Sent:** Friday, June 16, 2017 3:18 PM  
**To:** DNR.HFPublicComments  
**Subject:** [External] Public Comment regarding HVHHF Review #:000001

Jun 16, 2017

Illinois Department of Natural Resources Illinois Department of Natural Resources IL

Dear Illinois Department of Natural Resources,

I urge you to protect Illinois' natural resources and our public health and safety by denying Woolsey Operating Company LLC's well permit application (HVHHF Review #: 000001).

Hundreds of studies have shown that the practice of hydraulic fracturing pollutes our air, water and soil with toxic, carcinogenic and radioactive materials.

Even without any severe accident (such as the Woolsey well explosion in Fairfield in 2014), we know through air sampling, water testing and infrared footage that fracked wells leak. The proposed well site is within one mile of at least 5 known oil wells, and Woolsey Oil Corporation has a plan to flare excess methane, exposing the area nearby to toxins.

Do not sacrifice the health of Illinoisans and our natural resources for a toxic industry. Please deny the Woolsey Operating Company fracked well permit.

Sincerely,

Ms. Karen Nelson



[REDACTED]

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**From:** Dan Nelson <[REDACTED]>  
**Sent:** Friday, July 28, 2017 8:30 AM  
**To:** DNR.HFPublicComments  
**Subject:** [External] I oppose HVHHF-000001

Please do not approve HVHHF-000001. Fracking is dangerous to our environment and unsafe. Woolsey Operating Company LLC already has a track record of destructive practices and we don't need this in Illinois.

Dan Nelson.  
[REDACTED]

[REDACTED]

**From:** Chris Nelson ([REDACTED]) Sent You a Personal Message <[REDACTED]>  
**Sent:** Friday, June 23, 2017 2:41 PM  
**To:** DNR.HFPublicComments  
**Subject:** [External] Review Number HVHHF-000001

Dear Illinois Department of Natural Resources,

I am writing these comments in regards to the application from Woolsey Operating Company, LLC for a permit under the Hydraulic Fracturing Regulatory Act (HFRA), assigned to Review Number HVHHF-000001. The proposed well (Woodrow #1H-310408-193) in White County, Illinois would threaten public health and safety and the permit application contains a number of issues highlighted below.

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Thank you for your attention to my comments. Illinois DNR should reject the company's inadequate permit application that fails to protect our health and environment.

Sincerely,

Chris Nelson  
[REDACTED]

This message was sent by KnowWho, as a service provider only, on behalf of the individual noted in the sender information.



[REDACTED]

**From:** Carla Nelson ([REDACTED]) Sent You a Personal Message [REDACTED] >  
**Sent:** Friday, June 23, 2017 7:57 PM  
**To:** DNR.HFPublicComments  
**Subject:** [External] Review Number HVHHF-000001

Dear Illinois Department of Natural Resources,

I am writing these comments in regards to the application from Woolsey Operating Company, LLC for a permit under the Hydraulic Fracturing Regulatory Act (HFRA), assigned to Review Number HVHHF-000001. The proposed well (Woodrow #1H-310408-193) in White County, Illinois would threaten public health and safety and the permit application contains a number of issues highlighted below.

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Thank you for your attention to my comments. Illinois DNR should reject the company's inadequate permit application that fails to protect our health and environment.

Sincerely,

Carla Nelson  
[REDACTED]

This message was sent by KnowWho, as a service provider only, on behalf of the individual noted in the sender information.



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**From:** Food & Water Watch <act@fwwatch.org> on behalf of William Neill <act@fwwatch.org>  
**Sent:** Friday, June 16, 2017 2:41 PM  
**To:** DNR.HFPublicComments  
**Subject:** [External] Public Comment regarding HVHHF Review #:000001

Jun 16, 2017

Illinois Department of Natural Resources Illinois Department of Natural Resources IL

Dear Illinois Department of Natural Resources,

I urge you to protect Illinois' natural resources and our public health and safety by denying Woolsey Operating Company LLC's well permit application (HVHHF Review #: 000001).

Hundreds of studies have shown that the practice of hydraulic fracturing pollutes our air, water and soil with toxic, carcinogenic and radioactive materials.

Even without any severe accident (such as the Woolsey well explosion in Fairfield in 2014), we know through air sampling, water testing and infrared footage that fracked wells leak. The proposed well site is within one mile of at least 5 known oil wells, and Woolsey Oil Corporation has a plan to flare excess methane, exposing the area nearby to toxins.

Do not sacrifice the health of Illinoisans and our natural resources for a toxic industry. Please deny the Woolsey Operating Company fracked well permit.

Sincerely,

Mr. William Neill



[Redacted]

**From:** Food & Water Watch <act@fwwatch.org> on behalf of Marianne Neill <act@fwwatch.org>  
**Sent:** Friday, June 16, 2017 1:11 PM  
**To:** DNR.HFPublicComments  
**Subject:** [External] Public Comment regarding HVHHF Review #:0001

Jun 16, 2017

Illinois Department of Natural Resources Illinois Department of Natural Resources IL

Dear Illinois Department of Natural Resources,

I urge you to protect Illinois' natural resources and our public health and safety by denying Woolsey Operating Company LLC's well permit application (HVHHF Review #: 000001).

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Do not sacrifice the health of Illinoisans and our natural resources for a toxic industry. Please deny the Woolsey Operating Company fracked well permit.

Sincerely,

Ms. Marianne Neill

[Redacted Signature]

[REDACTED]

**From:** Jim Neill [REDACTED] Sent You a Personal Message <[REDACTED]>  
**Sent:** Friday, June 23, 2017 2:43 PM  
**To:** DNR.HFPublicComments  
**Subject:** [External] Review Number HVHHF-000001

Dear Illinois Department of Natural Resources,

I am writing these comments in regards to the application from Woolsey Operating Company, LLC for a permit under the Hydraulic Fracturing Regulatory Act (HFRA), assigned to Review Number HVHHF-000001. The proposed well (Woodrow #1H-310408-193) in White County, Illinois would threaten public health and safety and the permit application contains a number of issues highlighted below.

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Thank you for your attention to my comments. Illinois DNR should reject the company's inadequate permit application that fails to protect our health and environment.

Sincerely,

Jim Neill  
[REDACTED]

This message was sent by KnowWho, as a service provider only, on behalf of the individual noted in the sender information.

[REDACTED]

**From:** James and Nancy Naylor ([REDACTED]) Sent You a Personal Message  
<[REDACTED]>  
**Sent:** Saturday, June 24, 2017 4:30 PM  
**To:** DNR.HFPublicComments  
**Subject:** [External] Review Number HVHHF-000001

**Follow Up Flag:** Follow up  
**Flag Status:** Flagged

Dear Illinois Department of Natural Resources,

I am writing these comments in regards to the application from Woolsey Operating Company, LLC for a permit under the Hydraulic Fracturing Regulatory Act (HFRA), assigned to Review Number HVHHF-000001. The proposed well (Woodrow #1H-310408-193) in White County, Illinois would threaten public health and safety and the permit application contains a number of issues highlighted below.

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5. The operations as described in the application would fail to preserve topsoil, and the stormwater management plan is inadequate.
6. The application plans for deficient surface and groundwater sampling. Adequate sampling must be required to protect important water sources.

Thank you for your attention to my comments. Illinois DNR should reject the company's inadequate permit application that fails to protect our health and environment.

Sincerely,

James and Nancy Naylor

[REDACTED]

This message was sent by KnowWho, as a service provider only, on behalf of the individual noted in the sender information.

[REDACTED]

**From:** Ronald Naversen ([REDACTED]) Sent You a Personal Message <[REDACTED]>  
**Sent:** Saturday, June 24, 2017 1:26 PM  
**To:** DNR.HFPublicComments  
**Subject:** [External] Review Number HVHHF-000001

**Follow Up Flag:** Follow up  
**Flag Status:** Flagged

Dear Illinois Department of Natural Resources,

I am writing these comments in regards to the application from Woolsey Operating Company, LLC for a permit under the Hydraulic Fracturing Regulatory Act (HFRA), assigned to Review Number HVHHF-000001. The proposed well (Woodrow #1H-310408-193) in White County, Illinois would threaten public health and safety and the permit application contains a number of issues highlighted below.

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Thank you for your attention to my comments. Illinois DNR should reject the company's inadequate permit application that fails to protect our health and environment.

Sincerely,

Ronald Naversen

[REDACTED]

This message was sent by KnowWho, as a service provider only, on behalf of the individual noted in the sender information.

[REDACTED]

**From:** Rogelio Navarro ([REDACTED]) Sent You a Personal Message <[REDACTED]>  
**Sent:** Friday, June 23, 2017 2:46 PM  
**To:** DNR.HFPublicComments  
**Subject:** [External] Review Number HVHHF-000001

Dear Illinois Department of Natural Resources,

I am writing these comments in regards to the application from Woolsey Operating Company, LLC for a permit under the Hydraulic Fracturing Regulatory Act (HFRA), assigned to Review Number HVHHF-000001. The proposed well (Woodrow #1H-310408-193) in White County, Illinois would threaten public health and safety and the permit application contains a number of issues highlighted below.

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Thank you for your attention to my comments. Illinois DNR should reject the company's inadequate permit application that fails to protect our health and environment.

Sincerely,

Rogelio Navarro

[REDACTED]

This message was sent by KnowWho, as a service provider only, on behalf of the individual noted in the sender information.

[REDACTED]

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**From:** Nancy Natzke [REDACTED] Sent You a Personal Message <[REDACTED]>  
**Sent:** Friday, June 23, 2017 2:33 PM  
**To:** DNR.HFPublicComments  
**Subject:** [External] Review Number HVHHF-000001

Dear Illinois Department of Natural Resources,

I am writing these comments in regards to the application from Woolsey Operating Company, LLC for a permit under the Hydraulic Fracturing Regulatory Act (HFRA), assigned to Review Number HVHHF-000001. The proposed well (Woodrow #1H-310408-193) in White County, Illinois would threaten public health and safety and the permit application contains a number of issues highlighted below.

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Thank you for your attention to my comments. Illinois DNR should reject the company's inadequate permit application that fails to protect our health and environment.

Sincerely,

Nancy Natzke  
[REDACTED]

This message was sent by KnowWho, as a service provider only, on behalf of the individual noted in the sender information.



[REDACTED]

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**From:** Michael Nash <[REDACTED]>  
**Sent:** Monday, June 26, 2017 12:07 PM  
**To:** DNR.HFPublicComments  
**Subject:** [External] Public Comment regarding HVHFF Review #:000001

Oil & Gas Regulatory Staff,

I urge you to protect Illinois' natural resources and our public health and safety by denying Woolsey Operating Company LLC's well permit application (HVHFF Review #: 000001).

Hundreds of studies have shown that the practice of hydraulic fracturing pollutes our air, water and soil with toxic, carcinogenic and radioactive materials.

Even without any severe accident (such as the Woolsey well explosion in Fairfield in 2014), we know through air sampling, water testing and infrared footage that fracked wells leak. The proposed well site is within one mile of at least 5 known oil wells, and Woolsey Oil Corporation has a plan to flare excess methane, exposing the area nearby to toxins.

Do not sacrifice the health of Illinoisans and our natural resources for a toxic industry. Please deny the Woolsey Operating Company fracked well permit.

Michael Nash

[REDACTED]  
[REDACTED]  
[REDACTED]

[REDACTED]

**From:** Michael Nash ([REDACTED]) Sent You a Personal Message <[REDACTED]>  
**Sent:** Monday, June 26, 2017 4:34 PM  
**To:** DNR.HFPublicComments  
**Subject:** [External] Review Number HVHHF-000001

Dear Illinois Department of Natural Resources,

I am writing these comments in regards to the application from Woolsey Operating Company, LLC for a permit under the Hydraulic Fracturing Regulatory Act (HFRA), assigned to Review Number HVHHF-000001. The proposed well (Woodrow #1H-310408-193) in White County, Illinois would threaten public health and safety and the permit application contains a number of issues highlighted below.

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Thank you for your attention to my comments. Illinois DNR should reject the company's inadequate permit application that fails to protect our health and environment.

Sincerely,

Michael Nash  
[REDACTED]

This message was sent by KnowWho, as a service provider only, on behalf of the individual noted in the sender information.

[REDACTED]

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**From:** Janis Nash ([REDACTED]) Sent You a Personal Message <[REDACTED]>  
**Sent:** Saturday, June 24, 2017 7:36 AM  
**To:** DNR.HFPublicComments  
**Subject:** [External] Review Number HVHHF-000001

Dear Illinois Department of Natural Resources,

I am writing these comments in regards to the application from Woolsey Operating Company, LLC for a permit under the Hydraulic Fracturing Regulatory Act (HFRA), assigned to Review Number HVHHF-000001. The proposed well (Woodrow #1H-310408-193) in White County, Illinois would threaten public health and safety and the permit application contains a number of issues highlighted below.

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Thank you for your attention to my comments. Illinois DNR should reject the company's inadequate permit application that fails to protect our health and environment.

Sincerely,

Janis Nash  
[REDACTED]

This message was sent by KnowWho, as a service provider only, on behalf of the individual noted in the sender information.

[REDACTED]

**From:** Karin Nelson-Rogers ([REDACTED]) Sent You a Personal Message <[REDACTED]>  
**Sent:** Friday, June 23, 2017 5:34 PM  
**To:** DNR.HFPublicComments  
**Subject:** [External] Review Number HVHHF-000001

Dear Illinois Department of Natural Resources,

I am writing these comments in regards to the application from Woolsey Operating Company, LLC for a permit under the Hydraulic Fracturing Regulatory Act (HFRA), assigned to Review Number HVHHF-000001. The proposed well (Woodrow #1H-310408-193) in White County, Illinois would threaten public health and safety and the permit application contains a number of issues highlighted below.

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6. The application plans for deficient surface and groundwater sampling. Adequate sampling must be required to protect important water sources.

Thank you for your attention to my comments. Illinois DNR should reject the company's inadequate permit application that fails to protect our health and environment.

Sincerely,

Karin Nelson-Rogers

[REDACTED]

This message was sent by KnowWho, as a service provider only, on behalf of the individual noted in the sender information.

[REDACTED]

**From:** Karen Nelson ([REDACTED]) Sent You a Personal Message <[REDACTED]>  
**Sent:** Thursday, June 29, 2017 6:48 PM  
**To:** DNR.HFPublicComments  
**Subject:** [External] Review Number HVHHF-000001

Dear Illinois Department of Natural Resources,

I am writing these comments in regards to the application from Woolsey Operating Company, LLC for a permit under the Hydraulic Fracturing Regulatory Act (HFRA), assigned to Review Number HVHHF-000001. The proposed well (Woodrow #1H-310408-193) in White County, Illinois would threaten public health and safety and the permit application contains a number of issues highlighted below.

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Thank you for your attention to my comments. Illinois DNR should reject the company's inadequate permit application that fails to protect our health and environment.

Sincerely,

Karen Nelson  
[REDACTED]

This message was sent by KnowWho, as a service provider only, on behalf of the individual noted in the sender information.

[Redacted]

**From:** Stephen Nickels <[Redacted]>  
**Sent:** Friday, June 23, 2017 4:39 PM  
**To:** DNR.HFPublicComments  
**Subject:** [External] Comment on HVHHF # 000001

Stephen Nickels

[Redacted]

[Redacted]

[Redacted]

[Redacted]

To Whom It May Concern:

HVHHF #000001

I direct your attention to the "Water Quality Monitoring Work Plan" which calls for an "independent third party" to collect and sample water in order to establish baseline measurements of water quality and quantity. The "Water Quality Monitoring Work Plan" also tasks an "independent third party" to collect and sample water for years into the future. The "Water Quality Monitoring Work Plan" application states Shawnee Professional Services will collect water samples to establish baseline measurements. The "Water Quality Monitoring Work Plan" application also states Shawnee Professional Services will collect water samples for years into the future. There can be no greater "**public interest**" than the monitoring of water quality & quantity. The public depends on IDNR to protect it's interests. IDNR must *not* rely on Shawnee Professional Services to execute unbiased water assessments. Shawnee Professional Services has a conflict of interest, specifically as it pertains to the public's right to information. Mitch Garrett owner of Shawnee Professional Services was a founder of the pro fracking group (Grow Johnson County) formed in Johnson County, Illinois to fight the non - binding resolution "A Community Bill of Rights" in the spring of 2014. The pro fracking group led by Mitch Garrett felt so threatened by the non - binding "A Community Bill of Rights" resolution that one of it's first acts was to "convince" The Vienna Times newspaper, three weeks prior to the vote, to refuse all anti fracking paid advertisement, articles, and letters to the editor. To leave the ultimate "public interest"(water quality) in the hands of a company owned by Mitch Garret is to not understand the meaning of "independent third party".

I note two writers working for the Vienna Times quit jobs at the newspaper due to it's policies concerning the fracking debate and the total disregard for the public's right to information about fracking.

Please include in your answer the definition of "independent third party".

Please include in your answer the definition of "conflict of interest".

Please reference all materials used to research "independent third party" and "conflict of interest".

**Article from Huff Post copied below documents Mitch Garret's conflict of interest with the public right to know.**

## **Fracking Illinois: As State Falters, County Vote to Ban Fracking Gains Support — And Media Blackout**

[By Jeff Biggers](#)

As the national media puts the spotlight on the “[FrackGate](#)“ public relations scandal in Ohio, where state officials worked to “marginalize opponents of fracking by teaming up with corporations—including Halliburton—business groups and media outlets,” Illinois residents behind a groundbreaking ballot initiative to ban fracking in rural Johnson County are facing a similar campaign of misinformation and local news blackout.

It’s bad enough that Illinois’ flawed state fracking regulations have spiraled into a widely [denounced phase of disarray](#) and confusion.

Until last Friday, the [Vienna Times/Goreville Gazette](#) newspaper company, the only local newspapers in Johnson County’s treasured [Shawnee National Forest](#) heartland, had provided fairly balanced coverage of the fracking debate, including the county commissioners’ decision last May to support a [one-year moratorium](#) on the controversial fracking process, as [out-of-state corporations](#) like Kansas-based Woolsey Energy swept up land leases.

Two of the three Johnson County [commissioners, in fact, had encouraged residents](#) last fall to draw up their own “simple” ballot initiative to gauge the “will of the people.”

Sounds reasonable and democratic, no?

But now, with the same local citizens group’s non-binding ballot initiative gaining widespread support across the county from residents especially concerned about the threat of involuntary “[forced pooling](#)“ from neighboring leases, the [Vienna Times/Goreville Gazette](#) has suddenly announced—according to local residents—a new policy to refuse all anti-fracking ads, letters to the editor or news releases, even as it accepts ads and press releases from an Orwellian campaign set up to dismiss the community rights-driven campaign against absentee fracking corporations as a “radical agenda of out-of-state interests.”

Since when are local farmers out-of-state and absentee fracking corporations homeboys?

And since when has this ad become too dangerous for the Vienna Times?

Is the idea of  
**FRACKING** in Johnson County  
 a *Dream* or a **NIGHTMARE?**

**FRACKING  
 BENEFITS**

**1. Possible  
 Jobs**

A 6-state study shows that over a seven year period, less than 4 new directly related jobs have been created per well. Estimates were as high as 31 per well. Whatever jobs are created will be gone when the fracking operation is complete. An industry backed Chamber of Commerce study estimated that fracking will create between 1,000 & 47,000 jobs. 1,000 for the entire state is insignificant.

**FRACKING DANGERS**

**1. Subsurface Trespass**

Under current law, landowners and mineral rights owners will not be notified, or asked for their consent, for any sections of horizontal wellbores which extend beyond 1,500 feet from a well site. Since wellbores will extend up to 1½ miles (7,920 feet) horizontally, landowners in Johnson County will likely have their land drilled underneath them without their knowledge or consent.

**2. Forced Pooling**

Landowners can be forced to lease their property against their will, as stipulated by the Illinois Oil & Gas Act.

**3. Decreased Property Values**

Homes near fracking sites have lost as much as 75% of their value, as experienced by the Ruggiero family in Texas.\*

**4. Increased Health Risks Near Fracking**

Recent studies have found increased risks of cancer, low birth weight, respiratory disorders, and neurological disease near fracking activities due to the release of hazardous air contaminants.\*

**5. Water Contamination**

There are over 1,000 documented cases of water contamination near fracking operations.\* Fracking is exempt from the Clean Water Act & Clean Air Act.

**6. Earthquake Damage**

It has been proven that injection wells, used to store toxic waste, cause earthquakes and multiple tremors, including in Youngstown, Ohio.\*

**7. Economic Damage**

A study on high-volume fracking in Pennsylvania shows that wide-scale impacts from fracking threaten long-term local economies such as tourism.\*

**8. Illinois Law Will NOT Protect Residents**

Only residents within 1,500 feet of well sites will have any chance of compensation when their water becomes contaminated, even though wellbores will extend up to 1½ miles (7920 feet) horizontally.

**9. Infrastructure Damage**

"Dust, noise and road damage from industry truck travel top the list of complaints," according to a report from Cornell University.\*

**10. Invasion of Privacy**

Fracking threatens the peaceful, private way of life in Johnson County. Fracking puts loud, polluted industrial zones literally in our back yards.

**YOU  
 DECIDE**

Instead, featuring Shawnee Professional Services president Mitch Garrett and Johnson County Commissioner Ernie Henshaw—who had originally voted for the one-year moratorium and asked for public input—the *Vienna Times/Goreville Gazette* celebrated the kick-off of an opposition group to the county citizens initiative on its front page this week, and included an ad with a direct link to the opposition’s Facebook page:



Two years ago, Vienna Times publisher Lonnie Hinton and Shawnee Professional Service owner Mitch Garrett worked together on another hot issue: Ridding the town of stray cats.



And now, what about what the fracking cats are about to drag in? As in debunked and clearly exaggerated job promises, and the onslaught of the well-documented fracking reality of industrial traffic, workplace accidents and injuries, massive amounts of pollution and toxic discharges risking public health, and potential earthquakes?

“I’ve never quite grasped how much power the oil and gas industry has until now. What they are doing to manipulate the vote makes me angry and sad. And, what industry has not begun to understand is that there are plenty of us, and more all the time who will never, never give up,” said Annette McMichael, communications director for the Southern Illinoisans Against Fracturing Our Environment citizens groups, and a resident and landowner in Johnson County.

“The best way to have discussion is in open dialogue, solved in an equal and democratic fashion,” said Johnson County vegetable farmer Kris Pirmann, who is active in the community rights ballot initiative. “Open discourse is the only legitimate and democratic way, and shutting down one side is not open discourse.”

Not so, says the local media. The Vienna Times/Goreville Gazette failed to answer multiple queries about its new policies. But local residents noted a new sign at the newspaper office, with a warning signed by Vienna Times publisher Hinton: “We reserve the right to accept or reject material submitted for publication, including letters to the editor, news releases and advertising.”

Here’s the ballot initiative, drawn up by local Johnson County residents and southern Illinois native and resident Natalie Long, a community organizer with the Community Environmental Legal Defense Fund:

“Shall the people’s right to local self-government be asserted by Johnson County to ban corporate fracking as a violation of their rights to health, safety, and a clean environment?”

“This ballot initiative is led by a local group of people of common concerns, Johnson County residents, many who are third or fourth generation farmers,” said Pirmann, the Johnson County vegetable farmer. “The argument that this initiative is hijacked from the outside doesn’t hold any water.”

Long adds: “A Community Bill of Rights is a community-tailored document. It’s made up of two main parts: 1) a section that asserts the rights of the community, including the right to local self-governance, the right to clean air, and the right to clean water; and 2) an enumeration of activities that violate those rights, and therefore are prohibited in the community. Because a Community Bill of Rights is drafted with each particular community, that means that no two documents are the same. Instead, they reflect the priorities of the community. In this case, Johnson County citizens are hard at working crafting language that focuses specifically on prohibiting hydraulic fracturing - nothing else. Any claim otherwise is both misguided and false.”

Only days away from the March 18 ballot vote, Johnson County residents are not giving up on the local news media black out, or the political games from out-of-state industry sycophants. Redoubling their efforts, Johnson County residents are stepping up grassroots efforts and seeking funds to place the ads in regional newspapers.

“It appears we don’t have an avenue to voice our concerns,” Pirmann said. “They just want us to be quiet and go away. But we’re Johnson County residents and we’re going to talk to Johnson County residents face-to-face,

in a democratic fashion, and voice our opinions to protect our land and farms.”

# Vote YES on March 18th



“Shall the people’s right to local self-government be asserted by Johnson County to ban corporate fracking as a violation of their rights to health, safety, and a clean environment?”

**Vote YES to support a BAN on FRACKING in Johnson County**

If you vote YES to the ballot initiative on March 18th, you are in support of the Johnson County Commissioners passing a local law to ban fracking.

For voting questions, call the Johnson County Clerk 608-3611

### What Is Fracking?

High Volume Horizontal Hydraulic Fracturing or “fracking” is a new method of natural gas and oil extraction. Thousands, or even millions, of gallons of fluids are injected into mile-long horizontal wells at high pressure to fracture rock layers and release oil and gas. A 2011 Congressional Report shows 650 toxic chemicals can be used, including benzene, formaldehyde, and lead.<sup>1</sup>

### What Do They Use to Frack?

Companies may use water or a gas (such as nitrogen) as the base fluid to frack. Studies indicate that nitrogen fracking may pose even greater risks to our water supplies due to increased out-of-zone penetration in combination with our naturally fractured New Albany Shale, setting up a recipe for possible methane migration.<sup>2</sup> Also, more pressure is needed to drive nitrogen down to the lateral well. This, in turn, calls for immensely overdesigned uphole hardware (casing, wellhead), and the stimulation job can become dangerously unstable as the liquid phase dynamically changes to gas.<sup>3</sup>

Industry will downplay risks and ignore victims.

Our water supplies, our homes, our property, and the health and safety of our families and animals are too precious to risk for a few temporary jobs.

Vote YES on March 18.

### CITATIONS

1. [http://chemicallanduse.com/chemicallanduse.com/interior/fracking/documents/Hydraulic\\_Fracturing\\_Chemicals\\_2011-4-16.pdf](http://chemicallanduse.com/chemicallanduse.com/interior/fracking/documents/Hydraulic_Fracturing_Chemicals_2011-4-16.pdf)
2. <http://www.upstreampumping.com/articles/shale-chemical-composition-new-albany-shale>
3. <http://www.fracking.com/fracking/fracking-101/101-101-101/>
4. [http://www.environmentaldefense.org/library/natural\\_gas\\_fracking](http://www.environmentaldefense.org/library/natural_gas_fracking)
5. [http://www.environmentaldefense.org/library/natural\\_gas\\_fracking](http://www.environmentaldefense.org/library/natural_gas_fracking)
6. [http://www.environmentaldefense.org/library/natural\\_gas\\_fracking](http://www.environmentaldefense.org/library/natural_gas_fracking)
7. [http://www.environmentaldefense.org/library/natural\\_gas\\_fracking](http://www.environmentaldefense.org/library/natural_gas_fracking)
8. [http://www.environmentaldefense.org/library/natural\\_gas\\_fracking](http://www.environmentaldefense.org/library/natural_gas_fracking)

**SAFE** [www.DontFractureIllinois.net](http://www.DontFractureIllinois.net)

[REDACTED]

**From:** Stephen Nickels <[REDACTED]>  
**Sent:** Friday, July 28, 2017 5:29 AM  
**To:** DNR.HFPublicComments  
**Cc:** Don Carlson; Dawn Carlson; Dannenbring Dawn  
**Subject:** [External] Comment on Permit Application HVHHF #000001

**Importance:** High

[REDACTED]

[REDACTED]

[REDACTED]

[REDACTED]

[REDACTED]

Comment on Permit Application HVHHF # 000001

## **Privilege Not A Right**

Woolsey Oil Companies have applied for a permit to perform a High Volume Horizontal Hydraulic Fracture in order to extract "Tight Oil" from shale rock in Southern Illinois, White County.

Section 1-60 of the Hydraulic Fracturing Regulatory Act (HFRA) (a) *The Department may suspend, revoke, or refuse to issue a HVHHF permit under this act for one or more of the following causes: (4) using fraudulent, coercive, or dishonest practices, or demonstrating incompetence, untrustworthiness, or...*

I direct your attention to the pattern of dishonest practices, incompetence & untrustworthiness Woolsey Operating and it's various entities have demonstrated. In 2011 Woolsey Operating Companies were accused of using Diesel as part of a fracking fluid mix at two wells in Kansas. At first Mr. Woolsey denied it, then in an aw shucks manner *Mr. Woolsey said he didn't recall much about those specific wells, but his company has never used oil or other hydrocarbons to extract more oil. Then he said using oil & byproducts to extract more oil used to be a common practice in the industry.* Next he dissembled, *"If you took the sand out, you could drink that stuff"*, he stated of his Frack Fluid. Then he outright lied, *"One of our biggest objectives is to protect the environment."* If the preceding statement were true we would have no need for IEPA, or IDNR. All the oil companies would be "looking out for the environment", another example of a dishonest statement by Mr. Woolsey.

In January of 2014 Woolsey Operating had a blowout at a well in Illinois as documented by members of Southern Illinoisans Against Fracturing Our Environment (SAFE) :

### ***Fairfield Rig Explosion Highlights Loopholes in Illinois Fracking Regulations***

*On a sub-zero degree Monday, January 27th, the casing blew out of a Woolsey Operating Company oil rig near Highway 15 southeast of Fairfield, IL, wherein, two SAFE volunteers witnessed the wreckage the following Tuesday morning. Local reports said that two workers were injured in this explosion. A Wayne County Press article downplayed it as a “hydrogen” frack on a conventional vertical oil well. However, witnesses documented a [Nabors](#) nitrogen tanker truck, [Franklin Well Services](#) trucks that were removing damaged rig parts, an open unlined waste water pit, and the frozen blowout fluid all over the immediate adjacent cornfield where there was no setback for the rig or pit. What appeared to be a volunteer firefighter truck and state government minivan were onsite. [Franklin Wells Services](#) is a drilling fluids and fracking supply and equipment company, with Halliburton related methods, and offices in Vincennes, IN and Lawrenceville, IL. [Nabors](#), a very large global drilling company, that drilled the world’s first horizontal well, also does slant drilling and offshore drilling. Apparently this operation, that appeared to be an unsuccessful nitrogen test frack, was in violation of existing regulations, but SAFE does not have further information on its status. SAFE witnesses reported their findings to the Attorney General’s office, but decisions rest with IDNR on how to handle the incident.*

*Despite the mandate in HFRA that all violations of drilling regulations in the previous five years be listed on the permit application, HVHHF #000001 lists no violations. This is another example of incompetence of Woolsey Operating companies. Woolsey Operating Companies have an oil well blowout, allegedly causing injuries to two workers, then Woolsey Operating Companies have the hubris to omit the violations which clearly occurred within the HFRA mandated time frame of five years prior to the permit application HVHHF #000001. Willful omissions of pertinent information demonstrate both incompetence and Untrustworthy behavior.*

*Permit Application HVHHF # 000001 was so flawed when submitted that it was rejected outright by IDNR. Permit Application HVHHF # 000001 was so flawed when submitted the Deficiency letter sent by IDNR to Woolsey Operating Companies ran 14 pages. Permit Application HVHHF # 000001 was so flawed when submitted the list of omissions and errors submitted by Natural Resources Defense Council to IDNR in objection to issuance of permit HVHHF #000001 required 27 pages to document. Being unable to file a complete and accurate permit application is an example of gross incompetence.*

*Integrity is something you can only lose once, I submit Operating Energy Companies lost their integrity a long time ago. Woolsey Operating Companies are neither Competent or Trustworthy enough to be allowed to practice the Extreme Extraction method that is Fracking for oil in the great state of Illinois. Fracking is a complex combination of science & engineering, if Woolsey Operating Companies can't even submit a complete and honest permit application (HVHHF #000001) how can Woolsey Operating Companies be trusted to successfully Frack for Oil in Illinois without harming either their workers or the environment. I urge Illinois Department of Natural Resources to reject permit application HVHHF #000001 for demonstrating gross incompetence and untrustworthiness.*

[REDACTED]

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**From:** Tracy Nicholson ([REDACTED]) Sent You a Personal Message ([REDACTED]) >  
**Sent:** Friday, June 23, 2017 10:57 AM  
**To:** DNR.HFPublicComments  
**Subject:** [External] Review Number HVHHF-000001

Dear Illinois Department of Natural Resources,

I am writing these comments in regards to the application from Woolsey Operating Company, LLC for a permit under the Hydraulic Fracturing Regulatory Act ) in White County, Illinois. The well would threaten public health and safety through water contamination, earthquakes and air pollution.

Thank you for your attention to my comments. Illinois DNR should reject the company's inadequate permit application that fails to protect our health and environment.

Sincerely,

Tracy Nicholson  
[REDACTED]

This message was sent by KnowWho, as a service provider only, on behalf of the individual noted in the sender information.

[REDACTED]

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**From:** Tracie Nicholson <[REDACTED]>  
**Sent:** Friday, June 02, 2017 10:31 AM  
**To:** DNR.HFPublicComments  
**Subject:** [External] Review Number HVHHF-000001

I would like to comment on the above review & urge you to oppose the fracking operation. More attention needs to be paid to the environmental impact of fracking.

Fracking uses toxic chemicals such as benzene. Fracking companies will say that the concentrations are so small that they cause no harm. However, fracking wastewater has been disposed of on forested areas and vegetation continued to die off in those areas for years.

Contaminated water from fracking causes wildlife death, livestock death and most importantly -- serious health problems in humans. Drinking water around fracking sites are frequently contaminated...even water supplies seemingly far enough away from drilling.

Other environmental impacts to consider is the vast amount of water needed to frack.

I am sure water rights are a significant issue in many areas, including southern Illinois.

Please consider these items seriously for the public good..and not just profits for some company. Thank you.

Tracy Nicholson,  
[REDACTED]

[REDACTED]

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**From:** Tom Nichols [REDACTED] >  
**Sent:** Friday, June 23, 2017 9:31 AM  
**To:** DNR.HFPublicComments  
**Subject:** [External] Review Number HVHHF-000001

To Whom It May Concern:

My comments are in regard to Woolsey Operating Company's application to drill and complete the Woodrow #1H 310408-193 for production from the New Albany Shale. I urge the DNR to grant this permit as soon as practical for the following reasons:

1. Numerous studies conducted by the USEPA have concluded that there is no evidence of groundwater contamination from hydraulic fracturing in properly constructed wells.
2. If this permit is not granted, the mineral resource that could be captured by the fracturing process will become effectively condemned. If the permit is not granted, mineral owners throughout Southern Illinois will be denied the opportunity to reap the benefits that this resource could hold for them and future generations.
3. The economic benefits of successful implementation of this process would be a benefit to the Southern Illinois economy through additional employment and business opportunities within the oil and gas industry.

Thank you for taking the time to review my comments.

Thomas W. Nichols, PE

[REDACTED]

[Redacted]

**From:** Food & Water Watch <act@fwwatch.org> on behalf of Pamela Nicholls <act@fwwatch.org>  
**Sent:** Monday, June 19, 2017 11:19 PM  
**To:** DNR.HFPublicComments  
**Subject:** [External] Public Comment regarding HVHHF Review #:000001

Jun 19, 2017

Illinois Department of Natural Resources Illinois Department of Natural Resources IL

Dear Illinois Department of Natural Resources,

I urge you to protect Illinois' natural resources and our public health and safety by denying Woolsey Operating Company LLC's well permit application (HVHHF Review #: 000001).

Hundreds of studies have shown that the practice of hydraulic fracturing pollutes our air, water and soil with toxic, carcinogenic and radioactive materials.

Even without any severe accident (such as the Woolsey well explosion in Fairfield in 2014), we know through air sampling, water testing and infrared footage that fracked wells leak. The proposed well site is within one mile of at least 5 known oil wells, and Woolsey Oil Corporation has a plan to flare excess methane, exposing the area nearby to toxins.

Do not sacrifice the health of Illinoisans and our natural resources for a toxic industry. Please deny the Woolsey Operating Company fracked well permit.

Sincerely,

Mrs. Pamela Nicholls

[Redacted signature block]



[REDACTED]

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**From:** Michele Niccolai ([REDACTED]) Sent You a Personal Message <[REDACTED]>  
**Sent:** Friday, June 23, 2017 5:54 PM  
**To:** DNR.HFPublicComments  
**Subject:** [External] Review Number HVHHF-000001

Dear Illinois Department of Natural Resources,

Gov Rauner,

Have you heard of the New Madrid Fault- a very serious geologic fault, same as the San Andreas fault in California. An earthquake would affect 6 states: IL, MO, KY, IN, TN, AK. Do you want IL to become like earthquake prone Oklahoma due to fracking??? Safety first.

I am writing these comments in regards to the application from Woolsey Operating Company, LLC for a permit under the Hydraulic Fracturing Regulatory Act (HFRA), assigned to Review Number HVHHF-000001. The proposed well (Woodrow #1H-310408-193) in White County, Illinois would threaten public health and safety and the permit application contains a number of issues highlighted below.

The application is woefully lacking in data and information required by the Illinois legislature and Illinois DNR under the rules and regulations of the HFRA that are designed to protect public health and the environment, and so cannot be approved as submitted. For example, the permit application does not give the exact location of the two disposal wells. The locations should be given with GPS coordinates so that the public knows exactly where these wells are located.

From the information that is provided, a number of concerns arise, including but not limited to:

1. The application requests exceptionally large water withdrawals from groundwater resources that are very susceptible to depletion, and fails to include plans to recycle water or otherwise minimize water consumption.
2. The application significantly underestimates flowback volumes, and plans for inadequate containment facilities for even that amount of flowback and other chemicals/wastes that the application does estimate.
3. The application conceals information on hazardous fracking chemicals without attempting to demonstrate entitlement to trade secret protection.
4. The application includes inadequate insurance for the well, with insurance that excludes the very types of damages to private landowners' property that should be protected.
5. The operations as described in the application would fail to preserve topsoil, and the stormwater management plan is inadequate.
6. The application plans for deficient surface and groundwater sampling. Adequate sampling must be required to protect important water sources.

Thank you for your attention to my comments. Illinois DNR should reject the company's inadequate permit application that fails to protect our health and environment.

Sincerely,

Michele Niccolai  
[REDACTED]

This message was sent by KnowWho, as a service provider only, on behalf of the individual noted in the sender information.

[Redacted]

**From:** Food & Water Watch <act@fwwatch.org> on behalf of Michele Niccolai <act@fwwatch.org>  
**Sent:** Friday, June 16, 2017 3:11 PM  
**To:** DNR.HFPublicComments  
**Subject:** [External] Public Comment regarding HVHHF Review #:000001

Jun 16, 2017

Illinois Department of Natural Resources Illinois Department of Natural Resources IL

Dear Illinois Department of Natural Resources,

I urge you to protect Illinois' natural resources and our public health and safety by denying Woolsey Operating Company LLC's well permit application (HVHHF Review #: 000001).

Hundreds of studies have shown that the practice of hydraulic fracturing pollutes our air, water and soil with toxic, carcinogenic and radioactive materials.

Even without any severe accident (such as the Woolsey well explosion in Fairfield in 2014), we know through air sampling, water testing and infrared footage that fracked wells leak. The proposed well site is within one mile of at least 5 known oil wells, and Woolsey Oil Corporation has a plan to flare excess methane, exposing the area nearby to toxins.

Do not sacrifice the health of Illinoisans and our natural resources for a toxic industry. Please deny the Woolsey Operating Company fracked well permit.

Sincerely,

Mrs. Michele Niccolai

[Redacted signature block]

[REDACTED]

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**From:** Joe Newlin <[REDACTED]>  
**Sent:** Friday, June 23, 2017 12:56 PM  
**To:** DNR.HFPublicComments  
**Subject:** [External] Public Comment regarding HVHHF Review #:000001

Oil & Gas Regulatory Staff,

I urge you to protect Illinois' natural resources and our public health and safety by denying Woolsey Operating Company LLC's well permit application (HVHHF Review #: 000001).

Hundreds of studies have shown that the practice of hydraulic fracturing pollutes our air, water and soil with toxic, carcinogenic and radioactive materials.

Even without any severe accident (such as the Woolsey well explosion in Fairfield in 2014), we know through air sampling, water testing and infrared footage that fracked wells leak. The proposed well site is within one mile of at least 5 known oil wells, and Woolsey Oil Corporation has a plan to flare excess methane, exposing the area nearby to toxins.

Do not sacrifice the health of Illinoisans and our natural resources for a toxic industry. Please deny the Woolsey Operating Company fracked well permit.

Joe Newlin

[REDACTED]  
[REDACTED]  
[REDACTED]

[REDACTED]

**From:** Nina Newhouser ([REDACTED]) Sent You a Personal Message  
<[REDACTED]>  
**Sent:** Friday, June 23, 2017 7:38 PM  
**To:** DNR.HFPublicComments  
**Subject:** [External] Review Number HVHHF-000001

Dear Illinois Department of Natural Resources,

I am writing these comments in regards to the application from Woolsey Operating Company, LLC for a permit under the Hydraulic Fracturing Regulatory Act (HFRA), assigned to Review Number HVHHF-000001. The proposed well (Woodrow #1H-310408-193) in White County, Illinois would threaten public health and safety and the permit application contains a number of issues highlighted below.

The application is woefully lacking in data and information required by the Illinois legislature and Illinois DNR under the rules and regulations of the HFRA that are designed to protect public health and the environment, and so cannot be approved as submitted. For example, the permit application does not give the exact location of the two disposal wells. The locations should be given with GPS coordinates so that the public knows exactly where these wells are located.

From the information that is provided, a number of concerns arise, including but not limited to:

1. The application requests exceptionally large water withdrawals from groundwater resources that are very susceptible to depletion, and fails to include plans to recycle water or otherwise minimize water consumption.
2. The application significantly underestimates flowback volumes, and plans for inadequate containment facilities for even that amount of flowback and other chemicals/wastes that the application does estimate.
3. The application conceals information on hazardous fracking chemicals without attempting to demonstrate entitlement to trade secret protection.
4. The application includes inadequate insurance for the well, with insurance that excludes the very types of damages to private landowners' property that should be protected.
5. The operations as described in the application would fail to preserve topsoil, and the stormwater management plan is inadequate.
6. The application plans for deficient surface and groundwater sampling. Adequate sampling must be required to protect important water sources.

Thank you for your attention to my comments. Illinois DNR should reject the company's inadequate permit application that fails to protect our health and environment.

Sincerely,

Nina Newhouser  
[REDACTED]

This message was sent by KnowWho, as a service provider only, on behalf of the individual noted in the sender information.

[REDACTED]

**From:** Mady Newfield ([REDACTED]) Sent You a Personal Message  
<[REDACTED]>  
**Sent:** Friday, June 23, 2017 9:28 PM  
**To:** DNR.HFPublicComments  
**Subject:** [External] Review Number HVHHF-000001

**Follow Up Flag:** Follow up  
**Flag Status:** Flagged

Dear Illinois Department of Natural Resources,

I am writing these comments in regards to the application from Woolsey Operating Company, LLC for a permit under the Hydraulic Fracturing Regulatory Act (HFRA), assigned to Review Number HVHHF-000001. The proposed well (Woodrow #1H-310408-193) in White County, Illinois would threaten public health and safety and the permit application contains a number of issues highlighted below.

The application is woefully lacking in data and information required by the Illinois legislature and Illinois DNR under the rules and regulations of the HFRA that are designed to protect public health and the environment, and so cannot be approved as submitted. For example, the permit application does not give the exact location of the two disposal wells. The locations should be given with GPS coordinates so that the public knows exactly where these wells are located.

From the information that is provided, a number of concerns arise, including but not limited to:

1. The application requests exceptionally large water withdrawals from groundwater resources that are very susceptible to depletion, and fails to include plans to recycle water or otherwise minimize water consumption.
2. The application significantly underestimates flowback volumes, and plans for inadequate containment facilities for even that amount of flowback and other chemicals/wastes that the application does estimate.
3. The application conceals information on hazardous fracking chemicals without attempting to demonstrate entitlement to trade secret protection.
4. The application includes inadequate insurance for the well, with insurance that excludes the very types of damages to private landowners' property that should be protected.
5. The operations as described in the application would fail to preserve topsoil, and the stormwater management plan is inadequate.
6. The application plans for deficient surface and groundwater sampling. Adequate sampling must be required to protect important water sources.

Thank you for your attention to my comments. Illinois DNR should reject the company's inadequate permit application that fails to protect our health and environment.

Sincerely,

Mady Newfield  
[REDACTED]

This message was sent by KnowWho, as a service provider only, on behalf of the individual noted in the sender information.

[REDACTED]

**From:** Food & Water Watch <act@fwwatch.org> on behalf of Reinessa Neuhalfen <act@fwwatch.org>  
**Sent:** Friday, June 16, 2017 1:41 PM  
**To:** DNR.HFPublicComments  
**Subject:** [External] Public Comment regarding HVHHF Review #:000001

Jun 16, 2017

Illinois Department of Natural Resources Illinois Department of Natural Resources IL

Dear Illinois Department of Natural Resources,

Our sources of drinking water are already under multiple threats. The air quality is also of great concern. Please don't let this dirty, ill regulated industry start fracking operations in this state. I urge you to protect Illinois' natural resources and our public health and safety by denying Woolsey Operating Company LLC's well permit application (HVHHF Review #: 000001).

Hundreds of studies have shown that the practice of hydraulic fracturing pollutes our air, water and soil with toxic, carcinogenic and radioactive materials.

Even without any severe accident (such as the Woolsey well explosion in Fairfield in 2014), we know through air sampling, water testing and infrared footage that fracked wells leak. The proposed well site is within one mile of at least 5 known oil wells, and Woolsey Oil Corporation has a plan to flare excess methane, exposing the area nearby to toxins.

Do not sacrifice the health of Illinoisans and our natural resources for a toxic industry. Please deny the Woolsey Operating Company fracked well permit.

Sincerely,

Ms. Reinessa Neuhalfen

[REDACTED]

[REDACTED]

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**From:** Randy Neufeld <[REDACTED]>  
**Sent:** Tuesday, June 27, 2017 4:31 PM  
**To:** DNR.HFPublicComments  
**Subject:** [External] HVHHF-000001

To whom it may concern

Please deny the Woolsey fracking application because they do not adequately disclose the chemicals used.

Thank you.

Randy Neufeld

[REDACTED]

[REDACTED]

---

**From:** Food & Water Watch <act@fwwatch.org> on behalf of Debra Netzley <act@fwwatch.org>  
**Sent:** Friday, June 23, 2017 11:19 PM  
**To:** DNR.HFPublicComments  
**Subject:** [External] Public Comment regarding HVHHF Review #:000001

**Follow Up Flag:** Follow up  
**Flag Status:** Flagged

Jun 23, 2017

Illinois Department of Natural Resources Illinois Department of Natural Resources IL

Dear Illinois Department of Natural Resources,

To reference text from a lawsuit Secretary Rex Tillerson and former House Majority Leader, Dick Armey, brought against a company constructing fracking water towers near their gated TX community, I object to fracking in IL because it poses health risks and diminishes property values "causing unreasonable discomfort and annoyance to persons of ordinary sensibilities." I urge you to protect Illinois' natural resources and our public health and safety by denying Woolsey Operating Company LLC's well permit application (HVHHF Review #: 000001).

Hundreds of studies have shown that the practice of hydraulic fracturing pollutes our air, water and soil with toxic, carcinogenic and radioactive materials.

Even without any severe accident (such as the Woolsey well explosion in Fairfield in 2014), we know through air sampling, water testing and infrared footage that fracked wells leak. The proposed well site is within one mile of at least 5 known oil wells, and Woolsey Oil Corporation has a plan to flare excess methane, exposing the area nearby to toxins.

Do not sacrifice the health of Illinoisans and our natural resources for a toxic industry. Please deny the Woolsey Operating Company fracked well permit.

Sincerely,

Mrs. Debra Netzley

[REDACTED]



[Redacted]

**From:** Nancy Nesyto-Freske ([Redacted]) Sent You a Personal Message  
<[Redacted]>  
**Sent:** Sunday, June 25, 2017 4:44 PM  
**To:** DNR.HFPublicComments  
**Subject:** [External] Review Number HVHHF-000001

Dear Illinois Department of Natural Resources,

I am writing these comments in regards to the application from Woolsey Operating Company, LLC for a permit under the Hydraulic Fracturing Regulatory Act (HFRA), assigned to Review Number HVHHF-000001. The proposed well (Woodrow #1H-310408-193) in White County, Illinois would threaten public health and safety and the permit application contains a number of issues highlighted below.

The application is woefully lacking in data and information required by the Illinois legislature and Illinois DNR under the rules and regulations of the HFRA that are designed to protect public health and the environment, and so cannot be approved as submitted. For example, the permit application does not give the exact location of the two disposal wells. The locations should be given with GPS coordinates so that the public knows exactly where these wells are located.

From the information that is provided, a number of concerns arise, including but not limited to:

1. The application requests exceptionally large water withdrawals from groundwater resources that are very susceptible to depletion, and fails to include plans to recycle water or otherwise minimize water consumption.
2. The application significantly underestimates flowback volumes, and plans for inadequate containment facilities for even that amount of flowback and other chemicals/wastes that the application does estimate.
3. The application conceals information on hazardous fracking chemicals without attempting to demonstrate entitlement to trade secret protection.
4. The application includes inadequate insurance for the well, with insurance that excludes the very types of damages to private landowners' property that should be protected.
5. The operations as described in the application would fail to preserve topsoil, and the stormwater management plan is inadequate.
6. The application plans for deficient surface and groundwater sampling. Adequate sampling must be required to protect important water sources.

Thank you for your attention to my comments. Illinois DNR should reject the company's inadequate permit application that fails to protect our health and environment.

Sincerely,

Nancy Nesyto-Freske  
[Redacted]

This message was sent by KnowWho, as a service provider only, on behalf of the individual noted in the sender information.

**From:** marianne nesler <[REDACTED]>  
**Sent:** Friday, July 28, 2017 11:44 AM  
**To:** DNR.HFPublicComments  
**Subject:** [External] HVHHF #000001

## HVHHF #000001

I am writing on behalf of ONE Northside and Fair Economy Illinois regarding the The Woolsey application for a High Volume Hydraulic Fracturing Permit.

The Woolsey application is woefully inadequate. There were overarching generalities and deficiencies in the application, not to mention problems where information was actually provided.

We continue to have a concern regarding Woolsey's capability to adhere to the letter or spirit of the Hydraulic Fracturing Regulatory Act (HFRA). They clearly demonstrated their inability to complete a full and complete initial application to engage in high volume horizontal fracking. They were essentially given an "open book" test with the passage of the HFRA and have demonstrated they still can't pass that test without extensive help on the part of the Department, the environmental community and the public through written comments. We believe they have demonstrated that they lack both the capacity and willingness to comply with the law. As such, **we assert that they should not be granted a permit to engage in fracking in the state of Illinois.**

Sincerely,  
[REDACTED]

## COMMENTS

Specific comments included below reference the documents contained in the Woolsey Permit Application HVHHF-000001 and are in relation to the regulations outlined in the Hydraulic Fracturing Regulatory Act, 225 ILCS 732, unless otherwise indicated.

## COMMENTS

### Directional Drilling Plan- Document 3

1. **Directional Drilling Plan-** The drilling lengths and depths submitted in the Plan do not match the depth in the scaled cross-section. There is also a discrepancy in angle of the non-vertical portion of the wellbore. If Woolsey cannot provide accurate information in their application, how can we trust them to drill in our state?

### Underground Freshwater Information- Document 4

2. **Inadequate Determination of Underground Freshwater - No Geological Survey Data submitted-** Section 245.210(a)(5) requires reference to the Illinois State Geological Survey with regard to its proposed drilling. This is critical to insure that freshwater will not be contaminated. Woolsey has failed to provide this information.

3. **Inadequate Evidence to Establish the Lowest Potential Fresh Water** - Again, Woolsey has failed to provide this information. As such a clear potential exists that fresh water could exist below the drilling depth in a lower formation.

### HVHHF Operations Plan - Document 5

4. **Failure to Clearly Identify Formation to be Stimulated** - The permit fails to clearly identify the formation that will be stimulated or fracked by the operation other than to state that the "drilling objective" is the New Albany Shale but later refers to the "objective" being the "Grassy Creek" shale and, later still, describes the "reservoir zone", and the Semier Shale as the "frac barrier." These terms are not synonymous and therefore both confusing and inadequate.

5. **Failure to Clearly Identify the Confining Zone** - Section 245.210(a)(6) requires the Applicant to specifically identify and describe the formation or formations that constitute the "confining zone" for the proposed well. The application fails to meet this requirement. In fact, it fails to use this term at all in its application.

6. **Missing Data** - There is no information, data, or calculations supplied on either a micro-seismic study or the "historic" use to support whether the identification of the "frac barriers" is technically sound. The application contains no information

on which a reliable conclusion can be reliably drawn regarding a confining zone or “frac barrier” and the Application is therefore inadequate and must be denied.

7. **Confusing Data-** The Role of the Selmier Shale is listed as both a “drilling objective” and a “frac barrier” (confining zone?) in the application. It cannot serve two purposes. It is either a drilling objective or a confining zone.

8. **Inadequate Information-** Fracturing Pressure- The fracturing pressure of the “producing zone” is given as 2,875 psi. Yet three separate formations are mentioned as “drilling objectives.” The same psi for all three would not be used.

9. **Missing Data-** Surface Training Pressure Range- This information is entirely missing.

10. **No information on the Vertical Propagation of Fractures** - One of the most important safety features established in the Hydraulic Fracturing Regulatory Act is the requirement that the susceptibility for vertical propagation of fractures in the confining zone and the formations contributing to that zone, are accurately determined and stated in the application, Section 245.210(a)(6)(A). The Document completely fails to satisfy this safeguard. The singular sentence it does provide fails to articulate a conclusion that the well plans are adequate and effective. On this basis alone, the permit should be denied.

11. **Missing Data-**No information on extent, water or water source, is provided for any formation and no thickness information is provided for the three formations constituting the New Albany Shale.

12. **Data on Transmissive Faults Lacking** - The potential for transmissive faults contiguous to HVHWF wells is a major public health and safety concern and is therefore a specific requirement for analysis in Section 245.210(a)(6)(A). However, no specific information or reliable analysis on this important feature is provided in the Document. No information on the scope, lateral extent, depth or sophistication of this survey is provided.

### **Chemical Disclosure Report- Document 7**

13. **Chemical Disclosure Plan** The Document explicitly states that no trade secrecy claim will be made in connection with the chemicals proposed for use in the Application. That assertion is untrue. The Chemical and Proppant List includes the Corrosion Inhibitor Cronox AK-50 and six of its constituent chemicals supplied by vendor Baker Hughes. However, Section 3 of the Safety Data Sheet for Cronox AK-50 on “Composition/Information on Ingredients” lists ten constituent chemicals. The four chemicals in Cronox AK-50 that Applicant fails to identify in its Chemical and Proppant List:

- 1) Oxyalkylated alkylphenol (10-20% of total mixture),
- 2) Fatty acids (5-10% of total mixture),
- 3) Complex alkylaryl polyo-ester (5-10% of total mixture) and
- 4) Acetylenic alcohol (1-5% of total mixture).

All four of these constituent chemicals have their Chemical Abstract Service Number concealed on the Safety Data Sheet for the stated reason of “Trade Secret.”

### **Water Source Management Plan- Document 9**

14. **Failure to Propose Methods to Minimize Water Withdrawals** One of the most important public safeguards of the Hydraulic Fracturing Regulatory Act is the mandate in Section 1-35(b)(10)(C) that an applicant must specify in the Application’s Water Source Management Plan: “the methods to be used to minimize water withdrawals as much as feasible.” This requirement is carried over directly into Section 245.210(a)(10)(A)(iv). To meet the literal wording of this statement requires that the Applicant consider a reasonable range of methods to reduce its water consumption and select those withdrawal minimization methods and alternatives that are appropriate to its proposed operation. Not only do the rules specifically require consideration of minimization alternatives, but an Application should also satisfy the “reasonable use” doctrine of groundwater use adopted in the Illinois Water Use Act of 1983 at 525 ILCS 45/6 (“The rule of “reasonable use” shall apply to groundwater withdrawals in the State.”) that reasonable use does not include water used “wastefully,” 525 ILCS 45/4.

The Applicant’s Water Source Management Plan completely ignores these requirements. It fails to indicate a reasonable set of methods that it will employ to minimize groundwater withdrawals and, even worse, fails to indicate that the applicant undertook any effort at all to consider minimizing its water use in designing its operations.

This is a special concern in this Application where the Applicant proposes to utilize its own water wells and does not have the disincentive of paying on a per-gallon basis or having transportation costs to limit over-consumption. Further supporting this concern is the fact that the Applicant’s proposed operations appear to be especially wasteful in its proposed water use. The Water Source Management Plan proposes to use a total of 7,500,000 gallons of local groundwater in its treatment operations. This quantity is a full 50% greater than what the Department itself considers to be the “most commonly reliable figure” for a HVHWF of from “4.4 to 5 million gallons per well.”

No justification is given by the Applicant for this exceptionally large water use or why it should not be deemed wasteful in violation of Illinois’ reasonable use doctrine for groundwater withdrawals. Such exceptionally large water consumption is particularly significant in White County, as this water will be removed from three (3) groundwater wells located in fairly shallow sand and gravel aquifers that can be rapidly depleted. Illinois has already had two significant droughts in the last

10 years. The Woolsey application indicates it plans on withdrawing the bulk of its water in the summer months when drought conditions and aquifer depletion are at their highest.

The Applicant's failure to address its minimization duty is further compounded by its apparent failure to consider use of recycled water for its operation. Its only consideration of recycled water use is a single sentence in its Water Source Management Plan that "Backflow will not commence until injection in all frac stages has been completed, thus there will be no opportunity for use of recycled water in the hydraulic fracture completion."

Concern about the inadequacy of Applicant's efforts to minimize water use is further reinforced by plan's only stated "method" for avoiding the wasting of water, i.e., that it will limit the potential for leakage on-site through the use of piping rather than trucking and keeping the piping limited in length. This claim is far too insubstantial to meet the General Assembly's intention for an effective effort at water minimization; this is a basic design consideration that is only being puffed up to masquerade as genuine water conservation efforts. Indeed, if leak management was seriously intended, there would be a leak prevention and management plan put in place. There is none.

The only way that the Applicant can satisfy its duty of "reasonable use" of the state's groundwater and the regulatory requirement to "minimize water withdrawals as much as feasible" is to undertake a review of alternatives and to use the one that utilizes the least water, provided there is no adequately supported business reason to use a more wasteful alternative. Nothing in the Document indicates that such an effort has been undertaken. The Application therefore cannot be approved because the Applicant has not shown that its efforts at minimizing water use are adequate and effective. Because of the failure to address any methods or alternatives to minimize its water usage, the application must be denied for the failure to meet the requirements for Water Source Management Plans. If the Plan would be approved on this basis, the practical result would be to write the minimization requirement of Section 1-35(b)(10)(C) of the Act out of the state's statutes and to lose all its intended benefits for the people of Illinois, especially the farmers of White County.

15. Will there be a Fourth Well Drilled by the Applicant on Site- The Applicant's Water Source Management Plan explicitly provides that it will involve three water wells to supply 7,500,000 gallons of water for the base fluid of the hydraulic fracturing operation. However, the Applicant's Water Quality Monitoring Plan (Document 21) contains the following statement on page 7:

The water sources included under this plan include both underground aquifers (one existing and 3 proposed HVHWF water supply wells) and a surface water body (a stock pond). A fourth potentially required water supply well may be drilled, and, if completed, will be included in this monitoring program. (emphasis added)

Apparently, Woolsey does not intend to be bound by its Water Source Management Plan and reserves discretion to modify it for its own undisclosed purposes in a manner that might increase its already high levels of water consumption. However, the clear intent of the Hydraulic Fracturing Regulatory Act is to make these plans binding. Accordingly, the Department should require that the reference highlighted above to a possible fourth well be deleted from the Water Quality Monitoring Plan and the Applicant expressly limited to the three wells proposed in the Water Source Management Plan, provided a valid consideration of minimization methods and alternatives does not reduce that number even further (see previous comment).

#### **Hydraulic Fracturing Fluids and Flowback Plan- Document 10**

16. **Inadequate information on Fracturing Fluids-** The Applicant's Hydraulic Fracturing Fluids and Flowback Plan contains barely a full page of information and either completely neglects or is patently vague on numerous items of required information. Equally unacceptable, it contains no supporting information for the conclusory statements it does make. Specifically, none of the information required by paragraph (b) of the Department's form regarding fracturing fluid is provided as the only information stated in the Applicant's plan is on flowback. Accordingly, the Application is incomplete and must be returned to the Applicant to provide the paragraph (b) required information on "injection schedule, flow rate, reuse volume, storage, any treatment and total volume in detail."

17. **Unrealistic Rate of Flowback Recovery Proposed-** The application states an anticipated 4-5,000 barrels of flowback will be recovered but fails to give information on how this number was calculated. The number proposed in the application is 2.8% of the total estimated to be utilized. This is substantially less (5.4 to 7.1 times less) than the average amount of flowback highlighted by the Ohio DNR for fracking, which is 15-20% of the total volume used. If the Ohio numbers are correct, Woolsey will have dramatically underestimated its needs for storage capacity and transport. Woolsey must be required to quantify how it arrived at its numbers or be denied a permit on this basis.

18. **Inadequate Information on Storage Tanks-** The application states that the storage tanks will meet the qualities for the "purpose built." There is no identification as to the number of storage tanks, which will be critical in light of the above comment, nor is there information on the rate/frequency for emptying the tanks. These are all inadequate.

19. **No Testing Plan for Flowback Water-** This is required by law but missing in the application. This is such a critical feature that the permit application should be denied on this basis alone.

20. **Use of Earthen Containment Berms-** The plan states that the flowback storage tanks will be "enclosed by earthen containment berms which will be of sufficient size to contain all of the possible flow back fluid temporary storage volume."

No information is provided regarding the engineering properties or layout of these earthen berms. Earthen berms are inadequate for site containment. And, as identified in previous comments, if the flowback calculation is closer to Ohio DNR's numbers, the storage proposed will be completely inadequate.

#### **Wellsite Safety Plan- Document 11**

21. **No Clarity for NORM Sampling to Undefined "Black Shale"**- Section 3.2.10 of the Wellsite Safety Plan addresses Naturally Occurring Radioactive Material ("NORM"). This section limits the drill cuttings to be tested for radioactivity to "black shale." Although this phrase is used in the regulations, it is not defined there or in the Safety Plan, nor at any other point in the Application. Accordingly, what is considered the "black shale" subject to this testing requirement is unspecified. The Plan should therefore be amended to identify the specific geologic formations that the Applicant considers to be "black shale," in the vicinity of its proposed well, including the formation depth, so the extent of sampling will be clear.

22. **Safety Considerations of the General Public**- There is virtually no consideration given to the safety of members of the general public that may be in the site's vicinity. This is unacceptable and a permit should be denied on this basis.

#### **Containment Plan- Document 12**

23. **The Containment Plan is completely inadequate.** It fails to provide specific information on capacity and design. Please see previous comments on the inadequacy of the "earthen containment berms and the lack of specificity in the number of containment tanks especially in light of the (probably) underestimated amount of flowback.

#### **Casing and Cementing Plan- Document 13**

24. **Missing Information in the Casing and Cementing Plan**- The casing and cementing plan does not address the requirements labeled in Document 13 regarding the potential for earthquakes. The application is therefore incomplete and must either be amended by the applicant or denied by IDNR. Furthermore, the casing and cementing plan is completely inadequate to meet Illinois' regulations. It does not include the detail required by the HFRA and cannot be approved without this critical information.

#### **Traffic Management Plan- Document 14**

25. **Traffic Avoidance of the Wabash River**- The application plan fails to address the need to avoid road traffic of hazardous materials in proximity to the Wabash River, a public water supply source.

#### **Proof of Insurance- Document 18**

26. **The Certificate of insurance is insufficient** to meet the requirements set by the HFRA and should be denied on that basis.

#### **Failure to Specify Earthquake or Floodplain Hazard**

27. **Specification of Earthquake area or floodplain missing or inadequate**- The Department's form requires the applicant to identify whether the insured wellsite location is in a defined earthquake area or a regulatory floodplain. The Application meets neither requirement.

#### **Topsoil Preservation Plan- Document 19**

28. **Topsoil Plan Inadequate**- The Department's form requires that the Topsoil Preservation Plan must be provided with "detail." ("Please detail the plan to stockpile, stabilize . . . any topsoil and subsoil . . ."). No information is provided as to the amount of soil (top or sub) that will be stockpiled. The level of negligible detail that *IS* provided, seems more like an effort to expend the least possible effort and expense in handling the soil by just spreading it around the site. Accordingly, it does not appear to be a "preservation" plan at all given this lack of detail.

#### **Water Quality Monitoring Plan**

29. **Inadequate Water Quality Monitoring Plan**- The HFRA section governing Water Quality Monitoring is over six pages in length and is specific as to what is required in an approvable plan. The applicant plan is completely inadequate in addressing everything required for in the HFRA. For example, the applicant's monitoring plan does not identify a single specific sampling point. Similarly the groundwater section is also generic. This is unacceptable and the application should be denied on this basis.

30. **Data Analysis Procedure Plan Inadequate**- The laboratory tests require an interpretation of the test results and for that purpose, the Applicant concludes its Water Quality Monitoring Plan with a section titled "Data Analysis Procedures." The Section is completely generic and does not actually provide such analytic procedures, thus rendering the Application incomplete. Instead of supplying an actual data analysis plan, the Applicant merely states that "the method to be used under this plan is *based on* (emphasis added) U.S. EPA methodology established for the assessment of contaminants in environmental samples, and is described in Chapter 9 of U.S. EPA publication 846. We plan to use a data analysis plan based on that methodology." Accordingly, no plan is proposed that can be evaluated during the public comment period

and the Application is incomplete. There is no valid reason why such a plan cannot be presented for comment now. Without it, the application must be denied.

**31. Water Quality Monitoring Work Plan is not “independent”-** The "Water Quality Monitoring Work Plan" calls for an "independent third party" to collect and sample water to establish baseline measurements of water quality and quantity. The Water Quality Monitoring Work Plan also tasks an "independent third party" to collect and sample water for years into the future. The Water Quality Monitoring Work Plan application states Shawnee Professional Services will collect water samples to establish baseline measurements. The Water Quality Monitoring Work Plan application also states Shawnee Professional Services will collect water samples for years into the future. There can be no greater public interest than the monitoring of water quality & quantity. The public must depend on IDNR to protect its interests. Shawnee Professional Services has a conflict of interest. Mitch Garret owner of Shawnee Professional Services was a founder of a pro fracking group formed in Johnson County to fight the non - binding resolution "A Community Bill of Rights" in the spring of 2014. The pro fracking group felt so threatened by the non - binding "A Community Bill of Rights" resolution that one of its first acts was to "convince" The Vienna Times newspaper, three weeks prior to the vote, to refuse all anti fracking advertisement, articles and letters to the editor. To leave the ultimate "public interest" in the hands of a company owned by Mitch Garret is to not understand the meaning of independent third party.

#### **Radioactive Materials Management- Document 25**

**32. Lack of Clarification on “Black Shale” subject to sampling-** As stated in the previous comments under Document 11, the Wellsite Safety Plan, the phrase “black shale” is not defined in the regulations and the extent of sampling thereof is uncertain. Please confirm what geologic formations you consider to be in the “black shale” that will be tested pursuant to this requirement.

**33. Need to Clarify If Filters Will Be Used and Tested for Radioactivity.-** One of the most serious sources for radioactive contamination is from filters used at hydraulic fracturing sites and disposal sites. No mention is made of filters in the Application or of the specific type of equipment to be used on-site. The Applicant must state whether any filters will be utilized on-site and if so, how they will be managed.

#### **Bond- Document 27**

**34. Insufficient bond-** The bond amount identified in the application is in the amount of \$50,000 which is the amount for a single well, not a blanket bond. In the approximate center of the bond is a box captioned with: “ONLY COMPLETE IF BOND IS FOR INDIVIDUAL WELL OR PERMIT.” The information to be entered in this box for an individual well gives locational and identifying information for the well covered, but the Applicant fails to provide any of that information. The Applicant must either provide a new Bond with this information or provide an explanation for why the Bond is incomplete and does not identify the well addressed in the Application.

#### **Section 09 Water Source Management Plan**

(f) Identify the methods to be used to minimize impact to aquatic life.

**Comment:** Woolsey reports that they anticipate injecting 7.5 million gallons of Frac fluid in part (d) of this section. But their onsite capacity for flowback is identified as 126,000 gallons. How can 7.5 million gallons come back as 126,000? Woolsey has no back up plan if this storage capacity proves too small.

(g) Identify the methods to be used to minimize withdrawals as much as feasible.

**Comment:** Woolsey states that it is “not in the interest of the applicant to overuse water in the HVVHF process” but it nowhere in their comments do they explain the methods it will use to minimize withdrawals. One of the most important public safeguards of the Hydraulic Fracturing Regulatory Act is the mandate in Section 1-35(b)(10)(C) that *an applicant must specify in the Application’s Water Source Management Plan:* “the methods to be used to minimize water withdrawals as much as feasible.” This requirement is carried over directly into Section 245.210(a)(10)(A)(iv). To meet the literal wording of this statement requires that the Applicant consider a reasonable range of methods to reduce its water consumption and select those withdrawal minimization methods and alternatives that are appropriate to its proposed operation. Not only do the rules specifically require consideration of minimization alternatives, but an Application should also satisfy the “reasonable use” doctrine of groundwater use adopted in the Illinois Water Use Act of 1983 at 525 ILCS 45/6 (“The rule of “reasonable use” shall apply to groundwater withdrawals in the State.”) that reasonable use does not include water used “wastefully,” 525 ILCS 45/4.

The Applicant’s Water Source Management Plan completely ignores these requirements and the supplemental material provided does nothing to rectify this deficiency. It fails to indicate a reasonable set of methods that it will employ to minimize groundwater withdrawals and, even worse, fails to indicate that the applicant undertook any effort at all to consider minimizing its water use in designing its operations.

The Applicant proposes to utilize its own water wells and, therefore, does not have the disincentive of paying on a per-gallon basis or having transportation costs to limit over-consumption. Further supporting this concern is the fact that the Applicant's proposed operations appear to be especially wasteful in its proposed water use. The Water Source Management Plan proposes to use a total of 7,500,000 gallons of local groundwater in its treatment operations. This quantity is a full 50% greater than what the Department itself considers to be the "most commonly reliable figure" for a HVHWF of from "4.4 to 5 million gallons per well."

No justification is given in either the original application or the Supplemental Data by the Applicant for this exceptionally large water use or why it should not be deemed wasteful in violation of Illinois' reasonable use doctrine for groundwater withdrawals. Such exceptionally large water consumption is particularly significant in White County, as this water will be removed from three (3) groundwater wells located in fairly shallow sand and gravel aquifers that can be rapidly depleted. Illinois has already had two significant droughts in the last 10 years. The Woolsey application indicates it plans on withdrawing the bulk of its water in the summer months when drought conditions and aquifer depletion are at their highest.

**Because of the failure to address any methods or alternatives to minimize its water usage, the application must be denied for the failure to meet the requirements for Water Source Management Plans.** If the Plan would be approved on this basis, the practical result would be to write the minimization requirement of Section 1-35(b)(10)(C) of the Act out of the state's statutes and to lose all its intended benefits for the people of Illinois, especially the farmers of White County.

## Section 11 Well Site Safety Plan

The Schematic of Well Pad & HVHWF Flow Back Operations in Figure 2.1 shows 3 flow back fluid storage tanks. By contrast, the Water Source Management Plan lists 6 flow back fluid storage tanks, each with a 21,000 gallon capacity. If the schematic correct, on site storage for flow back fluid is reduced to 63,000 gallons.

- **Comments and Questions:**
  - Which is correct?
  - Regardless of which is correct, see the comment made in section 9(f). When Woolsey anticipates 7.5 million gallons of frac fluid, have they demonstrated that their proposed flowback storage is adequate?
  - Figure 2-4: Site Waterways Setback on Page 14 states it is 3700' to the nearest perennial stream. The original Well Site Setback plan illustrates at least 5 "non-perennial streams". Who designates these streams as "non-perennial" and what precautions is Woolsey proposing to ensure safety regarding these streams?

Page 117 of the 164 page Well Site Safety Plan has a table listing examples of "Permissible Heat Exposure TLV" (Threshold Limit Values).

- **Comment/Question:** Will adequate personnel be on duty at all appropriate times to accommodate this schedule?

Concerning Attachment E: Fugitive Dust Control Plan:

### Comments/Questions:

- Note: There are multiple mentions of "observed", "substantial fugitive dust". Is there a definition of "substantial fugitive dust"?
- Section 2.7 "Dust Control On Paved Roads" – What provisions have been made to ensure the "Wheel Wash" they describe will be installed and monitored at the location named?

Section 2.10 "Control of Other Air Emissions": Under the heading "Appropriate emission", it states that "Low-Sulfur Diesel will be used when possible."

### Comment/Question:

- Who and what determines when it is possible? IDNR should require they burn Low - Sulfur Diesel at all times. Availability is not an issue.

## Section 12: The Containment Plan

Page 2 of this section states: "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 secondary containment area. The secondary containment will be inspected as required by 245.820."

**Comment:**

- The potential volume of flow back fluid should be the determinate of dyke size, not the volume of any single container on site to temporarily hold flow back fluids.

**Section 12: Casing & Cementing Plan**

Page 2 of this section states: "Prior to setting and cementing of the casing the IDNR's District Office will be contacted by phone and electronic mail of the planned operation to enable an inspector to be present."

**Comments/Questions**

- Will IDNR have an inspector present?
- How will this be documented?

The Woolsey addendum goes on to state: "Pursuant to 245.550, prior to drilling out the casing shoe, a Blow Out Preventer (BOP) shall be installed on the well by certified personal" (sic). "Prior to testing the BOP, IDNR's District Office will be contacted by phone and electronic mail of the planned operation to enable an inspector to be present when the tests are performed."

**Comments/Questions**

- Will IDNR have an inspector present?
- How will this be documented?

On the bottom of page 2 and continuing onto page 3 of this section, the addendum states: "Prior to setting and cementing of the casing the IDNR's District Office will be contacted by phone and electronic mail of the planned operation to enable an inspector to be present."

**Comments/Questions**

- Will IDNR have an inspector present?
- How will this be documented?

On page 3 of this section, the addendum states: "Prior to testing the casing the IDNR's District Office will be contacted by phone and electronic mail of the planned operation to enable an inspector to be present. The casing will be tested using brine to fill the casing and pressure tested to 70% of its minimum internal yield for 30 minutes."

**Comments/Questions:**

- Will IDNR have an inspector present?
- How will this be documented?

**Section 16: Public Notice**

Page 1 of this section states: "If necessary, a public hearing is scheduled for the 02 day of August, 2017...."

**Comments/Questions:**

- Who determines if it is "necessary"?
- Who will be allowed to testify? What type of testimony will be allowed?
- Are there parameters in place for such a hearing? If yes, What are they?



[REDACTED]

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**From:** Michael Nerovich <[REDACTED]>  
**Sent:** Friday, June 02, 2017 5:42 PM  
**To:** DNR.HFPublicComments  
**Subject:** [External] No No No

No fracking in Illinois!

Michael Nerovich

Sent from my iPhone

[REDACTED]

**From:** Katherine Nemanich ([REDACTED]) Sent You a Personal Message  
<[REDACTED]>  
**Sent:** Friday, June 23, 2017 3:58 PM  
**To:** DNR.HFPublicComments  
**Subject:** [External] Review Number HVHHF-000001

Dear Illinois Department of Natural Resources,

I am writing these comments in regards to the application from Woolsey Operating Company, LLC for a permit under the Hydraulic Fracturing Regulatory Act (HFRA), assigned to Review Number HVHHF-000001. The proposed well (Woodrow #1H-310408-193) in White County, Illinois would threaten public health and safety and the permit application contains a number of issues highlighted below.

The application is woefully lacking in data and information required by the Illinois legislature and Illinois DNR under the rules and regulations of the HFRA that are designed to protect public health and the environment, and so cannot be approved as submitted. For example, the permit application does not give the exact location of the two disposal wells. The locations should be given with GPS coordinates so that the public knows exactly where these wells are located.

From the information that is provided, a number of concerns arise, including but not limited to:

1. The application requests exceptionally large water withdrawals from groundwater resources that are very susceptible to depletion, and fails to include plans to recycle water or otherwise minimize water consumption.
2. The application significantly underestimates flowback volumes, and plans for inadequate containment facilities for even that amount of flowback and other chemicals/wastes that the application does estimate.
3. The application conceals information on hazardous fracking chemicals without attempting to demonstrate entitlement to trade secret protection.
4. The application includes inadequate insurance for the well, with insurance that excludes the very types of damages to private landowners' property that should be protected.
5. The operations as described in the application would fail to preserve topsoil, and the stormwater management plan is inadequate.
6. The application plans for deficient surface and groundwater sampling. Adequate sampling must be required to protect important water sources.

Thank you for your attention to my comments. Illinois DNR should reject the company's inadequate permit application that fails to protect our health and environment.

Sincerely,

Katherine Nemanich  
[REDACTED]

This message was sent by KnowWho, as a service provider only, on behalf of the individual noted in the sender information.