

Brown, Ronda

From: Food & Water Watch <act@fwwatch.org> on behalf of Len Raminski <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. Len Raminski



Brown, Ronda

From: Food & Water Watch <act@fwwatch.org> on behalf of Emmanuel Ramirez <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).

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.

Sincerely,

Mr. Emmanuel Ramirez



Brown, Ronda

From: Reyna Ramirez [REDACTED] Sent You a Personal Message <automail@knowwho.com>
Sent: Saturday, June 24, 2017 11:40 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.

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,

Reyna Ramirez
[REDACTED]

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

Brown, Ronda

From: Juan Ramos [REDACTED] Sent You a Personal Message <automail@knowwho.com>
Sent: Saturday, June 24, 2017 10:35 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.

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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,

Juan Ramos
[REDACTED]

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

Brown, Ronda

From: Food & Water Watch <act@fwwatch.org> on behalf of Karlene Ramsdell <act@fwwatch.org>
Sent: Friday, June 16, 2017 2:18 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,

Dr. Karlene Ramsdell



Brown, Ronda

From: Karlene Ramsdell [REDACTED] Sent You a Personal Message <automail@knowwho.com>
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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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,

Karlene Ramsdell
[REDACTED]

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

Brown, Ronda

From: Food & Water Watch <act@fwwatch.org> on behalf of Monica Randell <act@fwwatch.org>
Sent: Saturday, June 17, 2017 11:43 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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Sincerely,

Miss Monica Randell



Brown, Ronda

From: Food & Water Watch <act@fwwatch.org> on behalf of Bernard Rands <act@fwwatch.org>
Sent: Friday, June 16, 2017 1:18 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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Sincerely,

Dr. Bernard Rands



Brown, Ronda

From: X Ranjan [REDACTED] Sent You a Personal Message <automail@knowwho.com>
Sent: Friday, June 23, 2017 8:03 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,

X Ranjan
[REDACTED]

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

Brown, Ronda

From: Food & Water Watch <act@fwwatch.org> on behalf of Elizabeth Rapp <act@fwwatch.org>
Sent: Friday, June 23, 2017 4:47 AM
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,

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Sincerely,

Elizabeth Rapp



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. Elizabeth Rapp



Brown, Ronda

From: Joann Rapp [REDACTED] Sent You a Personal Message <automail@knowwho.com>
Sent: Friday, June 23, 2017 4:16 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,

Joann Rapp
[REDACTED]

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

Brown, Ronda

From: Food & Water Watch <act@fwwatch.org> on behalf of Mary Rapp <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).

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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. Mary Rapp



Brown, Ronda

From: Food & Water Watch <act@fwwatch.org> on behalf of Stacey Rapp <act@fwwatch.org>
Sent: Friday, June 23, 2017 12:16 AM
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

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Sincerely,

Mrs. Stacey Rapp



Brown, Ronda

From: Food & Water Watch <act@fwwatch.org> on behalf of Stacey Rapp <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).

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Sincerely,

Mrs. Stacey Rapp



Brown, Ronda

From: Rachel Rasmussen [REDACTED] Sent You a Personal Message
<automail@knowwho.com>
Sent: Friday, June 23, 2017 5:54 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,

Rachel Rasmussen
[REDACTED]

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

Brown, Ronda

From: Christine Rattigan [REDACTED] Sent You a Personal Message <automail@knowwho.com>
Sent: Friday, June 23, 2017 6:32 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,

Christine Rattigan
[REDACTED]

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

Brown, Ronda

From: Food & Water Watch <act@fwwatch.org> on behalf of Helen Ratzlow <act@fwwatch.org>
Sent: Friday, June 16, 2017 10:19 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.

Fracking has also been shown to increase the incidence of earthquakes, which could in turn increase the possibility of leaking.

We don't have to squeeze every bit of fossil fuel out of the ground. We can begin to move towards non toxic energy sources and stop this Earth from overheating.

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. Helen Ratzlow



Brown, Ronda

From: Food & Water Watch <act@fwwatch.org> on behalf of K Genet <act@fwwatch.org>
Sent: Sunday, June 18, 2017 5:46 PM
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,

As a farmer in rural Southern Illinois...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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Sincerely,

Ms. K Genet
Raum



Brown, Ronda

From: [REDACTED]
Sent: Thursday, June 22, 2017 2:24 PM
To: DNR.HFPublicComments
Subject: [External] HVHHF-000001 Permit Public Comment White County

Dear Sir/Madame,

I would like provide a public comment to the High Volume Hydraulic Fracturing Permit being requested by Woolsey Energy in White County, Illinois.

While I have no objection to the actual drilling at this location, I feel I am compelled to express my concerns regarding the applicant's Traffic Management Plan (TMP) and how they intend to ensure that roadways/structures are properly maintained and will remain safe to the travelling public. Generally speaking, the applicant's traffic management plan doesn't seem to adequately address how potential problems can be averted. It simply identifies potential adverse effects with very generic terms as to who, when and how these adverse conditions will be addressed.

The proposed drilling location will use both Mill Shoals Township and Enfield Township roadways. I would suggest a preliminary meeting be set up with each Township's Road Commissioner to ensure their expectations of road maintenance will be met. If necessary, I feel a Road Use Agreement should be executed. This agreement should include how to address problems with roadway conditions caused by the construction and operation of the drilling site. This type of agreement would be beneficial to both parties as well as the travelling public.

The TMP also mentions that the road will be periodically videoed. The word "periodic" gives no indication as to when or how often the video documentation will be performed. I would suggest that the operator be required to video tape the road within 48 hours prior to operations beginning, and within 24 hours after any significant weather event, any significant traffic event, and at any time when the agency having jurisdiction over the roadway requests. Proper documentation of roadway surfaces during these times will protect both the operator and the local agency from disputes regarding condition.

My last concern regards the structures along the township routes that will be used. Most notably, Structure Number 097-3242 on County Road 125E. I would suggest that an in-depth NBIS bridge inspection be performed by a certified NBIS bridge inspector prior to the use of this structure and after the drilling is completed. Inspections of all of the culverts along the township routes would also be the best interest of all parties. This type information will valuable because it will ensure that all deficiencies are properly documented and also help to identify when they occurred.

I thank the Department for allowing comments on this permit and would be more than happy to provide additional help if questions arise from these comments.

Very truly yours,

Brian Ray
County Engineer
White County

Brown, Ronda

From: Food & Water Watch <act@fwwatch.org> on behalf of Bob Rayburn U.S. Veteran 1963-1967 <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

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Sincerely,

Mr. Bob Rayburn U.S. Veteran 1963-1967



Brown, Ronda

From: Bob Rayburn [REDACTED] Sent You a Personal Message <automail@knowwho.com>
Sent: Saturday, June 24, 2017 11:32 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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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,

Bob Rayburn
[REDACTED]

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

Brown, Ronda

From: Beth Raynis [REDACTED] Sent You a Personal Message <automail@knowwho.com>
Sent: Friday, June 23, 2017 3:33 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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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,

Beth Raynis
[REDACTED]

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

Brown, Ronda

From: Richard Razo [REDACTED] Sent You a Personal Message <automail@knowwho.com>
Sent: Friday, June 23, 2017 9:20 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,

Richard Razo
[REDACTED]

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

Brown, Ronda

From: Ruth Reagel [REDACTED] Sent You a Personal Message <automail@knowwho.com>
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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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,

Ruth Reagel
[REDACTED]

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

Brown, Ronda

From: Oscar Rebollo [REDACTED] Sent You a Personal Message <automail@knowwho.com>
Sent: Friday, June 23, 2017 1:18 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,

Oscar Rebollo
[REDACTED]

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

Brown, Ronda

From: David Rechs [REDACTED]
Sent: Tuesday, June 06, 2017 6:59 PM
To: DNR.HFPublicComments
Subject: [External] Review Number (HVHHF-000001)

Illinois Department of Natural Resources, Attention: Oil and Gas Regulatory Staff, One Natural Resources Way, Springfield, IL 62702.

All public comments must include the **Review Number (HVHHF-000001)**

NO FRACKING IN ILLINOIS

Fracking is a despicable exploitation of our natural resources, injecting high pressure fluids and sand deep underground, for the profits of a few oligarchs. It causes earthquakes, toxic and radioactive wastewater leaks, and produces hydrocarbon fuels which cause climate change. Reliance on carbon fuels is 20th century thinking, and our future lies in clean energy. In places where fracking has been allowed, unrestrained production and growth have burdened roads and other infrastructure, destroying small towns and their way of life. Assuming they found anything, there would be the capture and transport issues of these fuels, involving either pipelines, or the travelling bombs or oil trucks and trains.

Do not allow this disfigurement of our state.

--DR

[REDACTED]

Brown, Ronda

From: Food & Water Watch <act@fwwatch.org> on behalf of Daniel Reckers <act@fwwatch.org>
Sent: Friday, June 16, 2017 4:41 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,

While I did not write the next paragraphs, I did read and agree with them. We don't need fracking and don't want it. The quakes it has caused in other states is as bad as the tainted/poisoned water. No fracking.

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. Daniel Reckers



Brown, Ronda

From: Food & Water Watch <act@fwwatch.org> on behalf of Mary Rector <act@fwwatch.org>
Sent: Saturday, June 17, 2017 5:44 PM
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).

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. Mary Rector



Brown, Ronda

From: Mary Rector [REDACTED] Sent You a Personal Message <automail@knowwho.com>
Sent: Friday, June 23, 2017 2:56 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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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 Rector
[REDACTED]

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

Brown, Ronda

From: Margaret Redlich [REDACTED] Sent You a Personal Message
<automail@knowwho.com>
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.

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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,

Margaret Redlich
[REDACTED]

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

Brown, Ronda

From: Food & Water Watch <act@fwwatch.org> on behalf of Sandi Redman <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.

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 Sandi Redman



Brown, Ronda

From: Food & Water Watch <act@fwwatch.org> on behalf of Pat Reese <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. Pat Reese



Brown, Ronda

From: Lenore Reeves [REDACTED] Sent You a Personal Message <automail@knowwho.com>
Sent: Friday, June 23, 2017 7:32 PM
To: DNR.HFPublicComments
Subject: [External] Review Number HVHHF-000001

Dear Illinois Department of Natural Resources,

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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,

Lenore Reeves
[REDACTED]

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

Brown, Ronda

From: Eric and Judie Refvik [REDACTED] Sent You a Personal Message <automail@knowwho.com>
Sent: Friday, June 23, 2017 5:26 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,

Eric and Judie Refvik
[REDACTED]

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

Brown, Ronda

From: Trudy Regan [REDACTED] Sent You a Personal Message
<automail@knowwho.com>
Sent: Friday, June 23, 2017 8:06 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,

Trudy Regan
[REDACTED]

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

Brown, Ronda

From: Hendrica Regez [REDACTED] Sent You a Personal Message <automail@knowwho.com>
Sent: Friday, June 23, 2017 2:56 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,

Hendrica Regez
[REDACTED]

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

Brown, Ronda

From: Food & Water Watch <act@fwwatch.org> on behalf of Lisa Reich <act@fwwatch.org>
Sent: Friday, June 16, 2017 12:48 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.

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. Lisa Reich



Brown, Ronda

From: Food & Water Watch <act@fwwatch.org> on behalf of Michael Reich <act@fwwatch.org>
Sent: Friday, June 16, 2017 11:42 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.

There is increasing evidence that the fracking process is NOT safe and harms both people and the environment. Illinois should be embracing and promoting renewable energy sources, not finding more ways to find oil.

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. Michael Reich



Brown, Ronda

From: Food & Water Watch <act@fwwatch.org> on behalf of Casey Reid <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,

Ms. Casey Reid



Brown, Ronda

From: Jill Reiher [REDACTED] Sent You a Personal Message <automail@knowwho.com>
Sent: Friday, June 23, 2017 10:29 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,

Jill Reiher
[REDACTED]

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

Brown, Ronda

From: Kath Reilly [REDACTED]
Sent: Friday, June 30, 2017 5:16 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.

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

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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.

Kath Reilly
[REDACTED]

Brown, Ronda

From: Christen Reimer [REDACTED] Sent You a Personal Message
<automail@knowwho.com>
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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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,

Christen Reimer
[REDACTED]

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

Brown, Ronda

From: Food & Water Watch <act@fwwatch.org> on behalf of Nancy Reinhart <act@fwwatch.org>
Sent: Friday, June 16, 2017 4:48 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. Nancy Reinhart



Brown, Ronda

From: Food & Water Watch <act@fwwatch.org> on behalf of Nancy Reinhart <act@fwwatch.org>
Sent: Friday, June 16, 2017 4:48 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,

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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,

Mrs. Nancy Reinhart



Brown, Ronda

From: Food & Water Watch <act@fwwatch.org> on behalf of David Reithoffer <act@fwwatch.org>
Sent: Monday, June 19, 2017 9:49 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,

Mr. David Reithoffer



Brown, Ronda

From: Food & Water Watch <act@fwwatch.org> on behalf of Sona Rejebian <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.

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. Sona Rejebian



Brown, Ronda

From: Renee Repkin [REDACTED] Sent You a Personal Message <automail@knowwho.com>
Sent: Friday, June 23, 2017 9:00 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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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,

Renee Repkin
[REDACTED]

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

Brown, Ronda

From: Jennifer Ress [REDACTED] Sent You a Personal Message <automail@knowwho.com>
Sent: Friday, June 23, 2017 8:37 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.

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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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,

Jennifer Ress
[REDACTED]

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

Brown, Ronda

From: Barbara Rester [REDACTED]
Sent: Thursday, June 01, 2017 8:44 AM
To: DNR.HFPublicComments
Subject: [External] Comment for Review Number HVHHF-000001

To Whom It May Concern regarding Review Number HVHHF-000001:

I am writing a public comment for the proposed permit of the Woodrow #1H-310408-193 well, under the Hydraulic Fracturing Regulatory Act.

I urge the IDNR to reject this permit and application from Woolsey Operating Company.

This fracking well will usher in an era of exploitation by fracking companies. This company is not based in Illinois, and its profits will not improve Illinois' economy. Rather, the fracking industry threatens the growing tourism industry in Southern Illinois and threatens its environment.

While fracking may create short-term jobs in the oil and gas industry, it is not a path toward long-term financial sustainability. Cycles of "boom and bust" come with a "bust," and Southern Illinois' residents should not suffer that bust at the cost of irreversible ecological damage, middling profits, and the risk of groundwater contamination. Anyone driving through Texas or Southwestern Pennsylvania can see the devastation of fracking wells.

As a longtime resident of Southern Illinois, I strongly feel that this well will actively harm the region's economy and residents. I have seen first-hand the devastation of fracking wells, and the deceptive tactics of fracking companies to hide these negative effects. The profits from these wells do not come back to the residents and the people who have to live with their consequences. Southern Illinois is a depressed area and people are in need of jobs. These short-term jobs created by the fracking industry are often taken by people coming into the region instead of the native people of our area. This is not a viable not a solution to create jobs in Illinois. We need to grow long term industry and jobs for the people of Southern Illinois.

Please do not open the door for fracking in Southern Illinois!

Please, reject this application as stewards of Illinois and its residents.

Sincerely,

Barbara Rester
[REDACTED]

Brown, Ronda

From: Food & Water Watch <act@fwwatch.org> on behalf of Juli Reum <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,

Mrs. Juli Reum



Brown, Ronda

From: Neal Reynolds [REDACTED] Sent You a Personal Message <automail@knowwho.com>
Sent: Friday, June 23, 2017 4:58 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.

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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,

Neal Reynolds
[REDACTED]

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

Brown, Ronda

From: Food & Water Watch <act@fwwatch.org> on behalf of Yuriy Reznik <act@fwwatch.org>
Sent: Friday, June 16, 2017 10:42 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.

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. Yuriy Reznik



Brown, Ronda

From: Food & Water Watch <act@fwwatch.org> on behalf of Bruce Rhoades <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. Bruce Rhoades



Brown, Ronda

From: Bruce Rhoades [REDACTED] Sent You a Personal Message <automail@knowwho.com>
Sent: Friday, June 23, 2017 11:12 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.

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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,

Bruce Rhoades
[REDACTED]

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

Brown, Ronda

From: Food & Water Watch <act@fwwatch.org> on behalf of Diana Rhoades <act@fwwatch.org>
Sent: Saturday, June 17, 2017 7:13 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).

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. Diana Rhoades



Brown, Ronda

From: Food & Water Watch <act@fwwatch.org> on behalf of Barbara Shapiro <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,

Ms. Barbara Shapiro



Brown, Ronda

From: Elenne Shapiro [REDACTED] Sent You a Personal Message
<automail@knowwho.com>
Sent: Friday, June 23, 2017 11:59 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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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,

Elenne Shapiro
[REDACTED]

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

Brown, Ronda

From: Eve Shapiro [REDACTED]
Sent: Friday, July 28, 2017 11:08 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,
Eve Shapiro
ONE Northside/Fair Economy Illinois
[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 HVHFF 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 HVHHF 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 HVHFF 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 HVHFF 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 & HVHHF 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:

- o Which is correct?

- o 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?

- o 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?

Brown, Ronda

From: Mary Shapiro [REDACTED] Sent You a Personal Message <automail@knowwho.com>
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.

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,

Mary Shapiro
[REDACTED]

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

Brown, Ronda

From: Krista Bowers Sharpe [REDACTED] Sent You a Personal Message
<automail@knowwho.com>
Sent: Sunday, June 25, 2017 11:57 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.

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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,

Krista Bowers Sharpe
[REDACTED]

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

Brown, Ronda

From: Food & Water Watch <act@fwwatch.org> on behalf of Cecelia Shaw <act@fwwatch.org>
Sent: Friday, June 23, 2017 3:18 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,

Ms. Cecelia Shaw



Brown, Ronda

From: Food & Water Watch <act@fwwatch.org> on behalf of Donna Shaw <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.

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. Donna Shaw



Brown, Ronda

From: Food & Water Watch <act@fwwatch.org> on behalf of Mary Shaw <act@fwwatch.org>
Sent: Friday, June 16, 2017 12:41 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.

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. Mary Shaw



Brown, Ronda

From: Mary Shaw [REDACTED]
Sent: Tuesday, June 27, 2017 8:00 AM
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.

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. 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.

Mary Shaw
[REDACTED]

Brown, Ronda

From: Mary Shaw [REDACTED] Sent You a Personal Message <automail@knowwho.com>
Sent: Friday, June 23, 2017 2:56 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,

Mary Shaw
[REDACTED]

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

Brown, Ronda

From: Food & Water Watch <act@fwwatch.org> on behalf of Gretchen Shay <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,

Ms. Gretchen Shay



Brown, Ronda

From: Karen Shea [REDACTED]
Sent: Saturday, June 03, 2017 10:39 AM
To: DNR.HFPublicComments
Subject: [External] Fracking Permit

To whom it may concern,

Fracking poses serious health and environmental hazards. The liquids used leak into water sources and poisons communities around the site. Fracking also causes earthquakes and causes damage to the ground structures. As a lifelong citizen of Illinois, I urge you to deny the permit and look for long term solutions rather than allow a short term solution to a long term crisis. Fracking isn't a solution, it is a damaging band aid. There are sustainable solutions to be invested in.

Thank you,
Karen Shea

Brown, Ronda

From: Food & Water Watch <act@fwwatch.org> on behalf of daniel sheehan <act@fwwatch.org>
Sent: Friday, June 16, 2017 10:19 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).

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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. daniel sheehan



Brown, Ronda

From: Sheila Sheehan [REDACTED]
Sent: Tuesday, June 27, 2017 1:05 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.

Sheila Sheehan
[REDACTED]

Brown, Ronda

From: Food & Water Watch <act@fwwatch.org> on behalf of Susan Sheldon <act@fwwatch.org>
Sent: Saturday, June 17, 2017 3:42 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. Susan Sheldon



Brown, Ronda

From: Kirk Shellko [REDACTED] Sent You a Personal Message <automail@knowwho.com>
Sent: Friday, June 23, 2017 5:54 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,

Kirk Shellko
[REDACTED]

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

Brown, Ronda

From: Matt Shemluck [REDACTED] Sent You a Personal Message
<automail@knowwho.com>
Sent: Friday, June 23, 2017 4:45 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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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,

Matt Shemluck
[REDACTED]

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

Brown, Ronda

From: Barbara Shepard [REDACTED] Sent You a Personal Message
<automail@knowwho.com>
Sent: Friday, June 23, 2017 4:53 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,

Barbara Shepard
[REDACTED]

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

Brown, Ronda

From: Lydia Shepard [REDACTED] Sent You a Personal Message <automail@knowwho.com>
Sent: Friday, June 23, 2017 4:58 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.

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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,

Lydia Shepard
[REDACTED]

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

Brown, Ronda

From: Food & Water Watch <act@fwwatch.org> on behalf of Bret Sher <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.

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Sincerely,

Mr. Bret Sher



Brown, Ronda

From: Food & Water Watch <act@fwwatch.org> on behalf of J Sherman <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

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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,

Mrs. J Sherman

A large black rectangular redaction box covers the signature and any accompanying text or contact information.

Brown, Ronda

From: Joyce Sherman [REDACTED] Sent You a Personal Message <automail@knowwho.com>
Sent: Friday, June 23, 2017 6:36 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,

Joyce Sherman
[REDACTED]

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

Brown, Ronda

From: Barbara [REDACTED]
Sent: Tuesday, June 27, 2017 10:36 AM
To: DNR.HFPublicComments
Cc: Barbara Heyl
Subject: [External] HVHHF-000001 comment

Dear IDNR:

I am especially concerned about the issues listed below. Please consider them carefully. It is clear to me that given this start, Woolsey will need especially close oversight.

Specific comments below refer to 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 HVHFF 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 HVVHF 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 HVVHF 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 define 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.

Sincerely,

Barbara Sherman Heyl

[Redacted]

[Redacted]

[Redacted]

Brown, Ronda

From: Food & Water Watch <act@fwwatch.org> on behalf of Mary Shesgreen <act@fwwatch.org>
Sent: Thursday, June 22, 2017 11:46 AM
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.

Fracking also wastes water, huge volumes of fresh water, which is a precious resource. I am horrified that Illinois is even considering permitting a high-volume fracking well in our state.

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. Mary Shesgreen



Brown, Ronda

From: Mary Shesgreen [REDACTED]
Sent: Tuesday, June 27, 2017 4:44 PM
To: DNR.HFPublicComments
Subject: [External] Regarding HVHHF-000001

Illinois Department of Natural Resources

Regarding: HVHHF #000001

I am writing to ask you to deny a permit to the Woolsey Operating Company to construct a High Volume Hydraulic Fracturing well in Illinois. Their application provides inadequate information about how they will insure that fresh water is not contaminated. They should have referred to the UA Geological Survey to specify in an explicit way just how they will protect fresh water from their extraction process.

The fracking process requires huge amounts of water, at a time when water has become a scarce resource in parts of the United States. Even in Illinois, where we have the Great Lakes, we must carefully guard our fresh water supplies. Western States will need to ask us for water for basic needs like drinking, bathing, and irrigation of crops.

Alternative energy is quickly becoming cheap and available. For us to waste our water supply on the extraction of fossil fuels makes no sense at this time. The water used in the fracking process is rendered too toxic to return to groundwater.

For this, and many other reasons, I beg you NOT to grant Woolsey Operating Company a permit for their fracking well.

Thank you,

Mary Shesgreen
[REDACTED]

Brown, Ronda

From: Karen Shiners [REDACTED] Sent You a Personal Message <automail@knowwho.com>
Sent: Saturday, June 24, 2017 2:12 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.

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,

Karen Shiners
[REDACTED]

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

Brown, Ronda

From: Christina Shipano [REDACTED] Sent You a Personal Message
<automail@knowwho.com>
Sent: Friday, July 14, 2017 1:09 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,

Christina Shipano
[REDACTED]

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

Brown, Ronda

From: Food & Water Watch <act@fwwatch.org> on behalf of Leslie Shipley <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. Leslie Shipley



Brown, Ronda

From: Food & Water Watch <act@fwwatch.org> on behalf of Maggie Shipton <act@fwwatch.org>
Sent: Saturday, June 17, 2017 7:13 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).

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. Maggie Shipton



Brown, Ronda

From: Food & Water Watch <act@fwwatch.org> on behalf of Rachel Shively <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.

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. Rachel Shively



Brown, Ronda

From: Rachel Shively [REDACTED]
Sent: Monday, June 26, 2017 4:09 PM
To: DNR.HFPublicComments
Subject: [External] Comment about HVHHF #000001

Dear DNR policymakers,

Please see my comments below regarding review number HVHHF #000001 related to the Woolsey fracking permit. I am writing to urge IDNR to deny the Woolsey HVHHF #000001 application for a variety of reasons, not the least of which include, but aren't limited to:

1. Overarching generalities and deficiencies in the application,
2. Specific concerns about deficiencies where information IS provided,
3. Failure to address a mounting body of evidence in the scientific community on the risks and harms associated with fracking that has come to light since the passage of the Illinois Hydraulic Fracturing Regulatory Act on 6/17/13. Specifically, the NY Compendium of Scientific, Medical and Media Findings, 4th edition, has 924 citations on the risks and harms of fracking, 692 of which have been published since the passage of the HFRA.

Comment #1:

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?

Comment #2

Underground Freshwater Information- Document 4

2. **Inadequate Determination of Underground Freshwater - No Geological Survey Data submitted-** Section 245.210(a)(5) of HFRA 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.

Comment #3

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 HVVHF 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.

Sincerely,
Rachel Shively



Brown, Ronda

From: Randy Shonkwiler [REDACTED] Sent You a Personal Message
<automail@knowwho.com>
Sent: Friday, June 23, 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,

Randy Shonkwiler
[REDACTED]

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

Brown, Ronda

From: Heidinger, John
Sent: Tuesday, June 27, 2017 4:02 PM
To: DNR.HFPublicComments
Subject: FW: Public Comment on HVHHF Permit Application by Woolsey Operating Company, LLC.

Valerie Schreck,

I have forwarded your message to the High Volume Horizontal Hydraulic Fracturing Public Comment email address. If you would like more information about the pending permit application, it can be found on the Department's website. <https://www.dnr.illinois.gov/OilandGas/Pages/default.aspx>

Thank you.

John Heidinger
Legal Counsel
Illinois DNR
1 Natural Resources Way
Springfield, IL 62702
217-557-6379 (p)
217-782-7616 (f)

E-MAIL CONFIDENTIALITY NOTICE: This electronic mail message, including any attachments, is for the intended recipient(s) only. This e-mail and any attachments might contain information that is confidential, legally privileged or otherwise protected or exempt from disclosure under applicable law. If you are not a named recipient, or if you are named but believe that you received this e-mail in error, please notify the sender immediately by telephone or return e-mail and promptly delete this e-mail and any attachments and copies thereof from your system. If you are not the intended recipient, please be aware that any copying, distribution, dissemination, disclosure or other use of this e-mail and any attachments is unauthorized and prohibited. Your receipt of this message is not intended to waive any applicable privilege or claim of confidentiality, and any prohibited or unauthorized disclosure is not binding on the sender or the Illinois Department of Natural Resources. Thank you for your cooperation.

FOIA NOTICE: This document contains privileged communications from an attorney representing a public body that would not be subject to discovery in litigation, or materials prepared or compiled by or for a public body in anticipation of a criminal, civil or administrative proceeding upon the request of an attorney advising the public body, and/or contains notes recommendations, expressed opinions, or formulated actions or policies, and is exempt from disclosure under sec. 7(1)(m) and/or 7(1)(f) and/or 7(1)(e) of the Illinois Freedom of Information Act, 5 ILCS 140/7(1)(e),(f), (m).

Contact DNR ID: 281183

Name: Valerie Schreck

State of residence: Illinois

Affiliation: Gold Eagle Co.

Email: [REDACTED]

Phone:

Primary area of interest: State Parks

Question/comment:

Woolsey Operating Company LLC has submitted a permit to the Illinois Department of Natural Resources to drill our state's first High Volume Horizontal Hydraulic Fracking well. This well endangers the health and safety of the community through risk of water contamination, air pollution, earthquakes, all of which have lead to long term health effects - all in

the name of extracting and burning more and more dirty fossil fuels.

We must not let Illinois fall victim to this toxic industry takeover. Please Gov. Rauner reject this permit!

You chose: I need a reply

State of Illinois - CONFIDENTIALITY NOTICE: The information contained in this communication is confidential, may be attorney-client privileged or attorney work product, may constitute inside information or internal deliberative staff communication, and is intended only for the use of the addressee. Unauthorized use, disclosure or copying of this communication or any part thereof is strictly prohibited and may be unlawful. If you have received this communication in error, please notify the sender immediately by return e-mail and destroy this communication and all copies thereof, including all attachments. Receipt by an unintended recipient does not waive attorney-client privilege, attorney work product privilege, or any other exemption from disclosure.

Brown, Ronda

From: Food & Water Watch <act@fwwatch.org> on behalf of David Shroder <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. David Shroder



Brown, Ronda

From: Doris Shultz [REDACTED] Sent You a Personal Message <automail@knowwho.com>
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.

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,

Doris Shultz
[REDACTED]

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

Brown, Ronda

From: Doris Shultz [REDACTED]
Sent: Monday, June 26, 2017 4:48 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. 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. 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.

Why would we want fracking in Illinois when we know we are on a fault line and it has been shown that fracking in Oklahoma has created shifts and systemic activity? Don't start this here - this state is already broke and can't afford any devastation from fracking.

Doris Shultz
[REDACTED]

Brown, Ronda

From: John Shultz [REDACTED] Sent You a Personal Message <automail@knowwho.com>
Sent: Friday, June 23, 2017 3:38 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.

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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,

John Shultz
[REDACTED]

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

Brown, Ronda

From: Maile Schutt [REDACTED] Sent You a Personal Message <automail@knowwho.com>
Sent: Friday, June 23, 2017 8:57 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,

Maile Schutt
[REDACTED]

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

Brown, Ronda

From: Food & Water Watch <act@fwwatch.org> on behalf of Marilyn Siddiqi <act@fwwatch.org>
Sent: Saturday, June 17, 2017 11:13 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).

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. Marilyn Siddiqi



Brown, Ronda

From: Naila Siddiqi [REDACTED] Sent You a Personal Message <automail@knowwho.com>
Sent: Friday, June 23, 2017 1:40 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,

Naila Siddiqi
[REDACTED]

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

Brown, Ronda

From: Marilyn Sieck [REDACTED] Sent You a Personal Message <automail@knowwho.com>
Sent: Saturday, July 01, 2017 7:29 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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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,

Marilyn Sieck
[REDACTED]

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

Brown, Ronda

From: Sheila Siegmund [REDACTED] Sent You a Personal Message
<automail@knowwho.com>
Sent: Friday, June 23, 2017 10:46 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,

Sheila Siegmund
[REDACTED]

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

Brown, Ronda

From: Christopher Siek [REDACTED] Sent You a Personal Message <automail@knowwho.com>
Sent: Friday, June 23, 2017 3:06 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,

Christopher Siek
[REDACTED]

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

Brown, Ronda

From: Marc Sigoloff [REDACTED] Sent You a Personal Message <automail@knowwho.com>
Sent: Friday, June 23, 2017 3:18 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,

Marc Sigoloff
[REDACTED]

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

Brown, Ronda

From: Cathalene Silver [REDACTED] Sent You a Personal Message
<automail@knowwho.com>
Sent: Friday, July 14, 2017 5:39 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.

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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,

Cathalene Silver
[REDACTED]

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

Brown, Ronda

From: Barbara Silverman [REDACTED] Sent You a Personal Message
<automail@knowwho.com>
Sent: Friday, June 23, 2017 7:07 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,

Barbara Silverman
[REDACTED]

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

Brown, Ronda

From: Tracy Silverman [REDACTED] Sent You a Personal Message
<automail@knowwho.com>
Sent: Thursday, July 27, 2017 1:53 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,

Tracy Silverman
[REDACTED]

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

Brown, Ronda

From: Food & Water Watch <act@fwwatch.org> on behalf of Kathleen Simko <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,

Mrs. Kathleen Simko



Brown, Ronda

From: Kathleen Simko [REDACTED] Sent You a Personal Message <automail@knowwho.com>
Sent: Friday, June 23, 2017 3:11 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,

Kathleen Simko
[REDACTED]

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

Brown, Ronda

From: Food & Water Watch <act@fwwatch.org> on behalf of Amber Simmons <act@fwwatch.org>
Sent: Friday, June 16, 2017 7:42 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.

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. Amber Simmons



Brown, Ronda

From: Lilly Simmons [REDACTED] Sent You a Personal Message <automail@knowwho.com>
Sent: Friday, June 23, 2017 11:31 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,

Lilly Simmons
[REDACTED]

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

Brown, Ronda

From: Food & Water Watch <act@fwwatch.org> on behalf of Susan Simmons <act@fwwatch.org>
Sent: Friday, June 16, 2017 7:42 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 expect you to be good stewards -- 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 a 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 just one mile of at least five known oil wells, and Woolsey Oil Corporation plans to flare excess methane, exposing the area to dangerous 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. Susan Simmons



Brown, Ronda

From: Verlena Simms [REDACTED] Sent You a Personal Message <automail@knowwho.com>
Sent: Sunday, June 25, 2017 7:39 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.

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,

Verlena Simms
[REDACTED]

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

Brown, Ronda

From: Daniel Simon [REDACTED] Sent You a Personal Message <automail@knowwho.com>
Sent: Tuesday, July 04, 2017 9:27 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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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,

Daniel Simon
[REDACTED]

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

Brown, Ronda

From: Lisa Simonin [REDACTED] Sent You a Personal Message <automail@knowwho.com>
Sent: Friday, June 23, 2017 4:48 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.

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.

Sincerely,

Lisa Simonin
[REDACTED]

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

Brown, Ronda

From: Food & Water Watch <act@fwwatch.org> on behalf of Chris Simpson <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.

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. Chris Simpson



Brown, Ronda

From: Food & Water Watch <act@fwwatch.org> on behalf of Jean Sinclair <act@fwwatch.org>
Sent: Friday, June 16, 2017 12:48 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.

Oklahoma is a prime example of the increase in earthquakes due to fracking. Illinois does not need to face that additional problem since we are close to the New Madrid fault in Missouri.

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. Jean Sinclair



Brown, Ronda

From: Mary Sinclair [REDACTED] Sent You a Personal Message <automail@knowwho.com>
Sent: Saturday, June 24, 2017 2:45 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,

Mary Sinclair
[REDACTED]

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

Brown, Ronda

From: Mary Sinclair [REDACTED] Sent You a Personal Message <automail@knowwho.com>
Sent: Wednesday, June 28, 2017 7:41 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.

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.

Sincerely,

Mary Sinclair
[REDACTED]

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

Brown, Ronda

From: Food & Water Watch <act@fwwatch.org> on behalf of Binay Singh <act@fwwatch.org>
Sent: Friday, June 23, 2017 8:18 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. Binay Singh



Brown, Ronda

From: Food & Water Watch <act@fwwatch.org> on behalf of Binay Singh <act@fwwatch.org>
Sent: Friday, June 23, 2017 8:19 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. Binay Singh



Brown, Ronda

From: Food & Water Watch <act@fwwatch.org> on behalf of Binay Singh <act@fwwatch.org>
Sent: Friday, June 23, 2017 8:19 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. Binay Singh



Brown, Ronda

From: Gabriele Singleton [REDACTED] Sent You a Personal Message
<automail@knowwho.com>
Sent: Friday, June 23, 2017 4:23 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,

Gabriele Singleton
[REDACTED]

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

Brown, Ronda

From: Food & Water Watch <act@fwwatch.org> on behalf of Veena Singwi <act@fwwatch.org>
Sent: Friday, June 16, 2017 11:12 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. Veena Singwi



Brown, Ronda

From: Food & Water Watch <act@fwwatch.org> on behalf of Ryan Sinwelski <act@fwwatch.org>
Sent: Monday, June 26, 2017 6:07 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,

Mr. Ryan Sinwelski



Brown, Ronda

From: Alexandra Sipiora [REDACTED] Sent You a Personal Message
<automail@knowwho.com>
Sent: Monday, July 10, 2017 6:17 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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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,

Alexandra Sipiora
[REDACTED]

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

Brown, Ronda

From: Alexandra Sipiora [REDACTED] Sent You a Personal Message
<automail@knowwho.com>
Sent: Saturday, June 24, 2017 8:14 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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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,

Alexandra Sipiora
[REDACTED]

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

Brown, Ronda

From: Food & Water Watch <act@fwwatch.org> on behalf of Joshua Sirt <act@fwwatch.org>
Sent: Friday, June 16, 2017 10:42 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.

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. Joshua Sirt



Brown, Ronda

From: Joshua Sirt [REDACTED] Sent You a Personal Message <automail@knowwho.com>
Sent: Friday, June 23, 2017 6:15 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,

Joshua Sirt
[REDACTED]

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

Brown, Ronda

From: Food & Water Watch <act@fwwatch.org> on behalf of Brian Six <act@fwwatch.org>
Sent: Friday, June 16, 2017 9:49 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. Brian Six



Brown, Ronda

From: Pete Skach [REDACTED] Sent You a Personal Message <automail@knowwho.com>
Sent: Monday, June 26, 2017 3:55 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.

Sincerely,

Pete Skach
[REDACTED]

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

Brown, Ronda

From: Karen Skalitzky [REDACTED] Sent You a Personal Message <automail@knowwho.com>
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.

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,

Karen Skalitzky
[REDACTED]

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

Brown, Ronda

From: Linda Skisak [REDACTED] Sent You a Personal Message <automail@knowwho.com>
Sent: Saturday, June 24, 2017 7:55 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.

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.

Sincerely,

Linda Skisak
[REDACTED]

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

Brown, Ronda

From: Food & Water Watch <act@fwwatch.org> on behalf of Jaime Skizas <act@fwwatch.org>
Sent: Saturday, June 17, 2017 10:50 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).

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. Jaime Skizas



Brown, Ronda

From: Jaime Skizas [REDACTED] Sent You a Personal Message <automail@knowwho.com>
Sent: Friday, June 23, 2017 6:58 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.

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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,

Jaime Skizas
[REDACTED]

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

Brown, Ronda

From: Jeffrey Skoblow [REDACTED] Sent You a Personal Message <automail@knowwho.com>
Sent: Monday, June 26, 2017 9:59 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,

Jeffrey Skoblow
[REDACTED]

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

Brown, Ronda

From: Andrew Skol [REDACTED] Sent You a Personal Message <automail@knowwho.com>
Sent: Tuesday, June 27, 2017 9:31 AM
To: DNR.HFPublicComments
Subject: [External] Review Number HVHHF-000001

Dear Illinois Department of Natural Resources,

Dear Governor Rauner,

The science indicates that fracking can be harmful both to our environment and to our geology. Please don't sell our and our children's health and natural lands to help improve the despicable condition of the IL economy. It is unjustifiable. Perhaps in the future fracking can be done safely but this particular company as well as the practice in general is not appropriately regulated nor has its impact on the environment and our health been sufficiently studied by independent scientific organizations. Please wait on approving this until the science says it can be done safely.

Thank you.

Andrew Skol

Sincerely,

Andrew Skol
[REDACTED]

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

Brown, Ronda

From: Michael Slager [REDACTED] Sent You a Personal Message
<automail@knowwho.com>
Sent: Friday, July 14, 2017 2:48 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.

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,

Michael Slager
[REDACTED]

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

Brown, Ronda

From: Bill Slankard <info@actionnetwork.org>
Sent: Friday, June 23, 2017 1:02 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.

Bill Slankard

[REDACTED]
[REDACTED]
[REDACTED]

Brown, Ronda

From: Doris Slaven [REDACTED] Sent You a Personal Message
<automail@knowwho.com>
Sent: Wednesday, June 28, 2017 3:19 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:

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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,

Doris Slaven
[REDACTED]

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

Brown, Ronda

From: Food & Water Watch <act@fwwatch.org> on behalf of Andrew Sledd <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,

Mr. Andrew Sledd



Brown, Ronda

From: Food & Water Watch <act@fwwatch.org> on behalf of Janet Sleeth <act@fwwatch.org>
Sent: Friday, June 16, 2017 1:18 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.

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. Janet Sleeth



Brown, Ronda

From: Jeff Slepak [REDACTED]
Sent: Wednesday, June 21, 2017 12:31 PM
To: DNR.HFPublicComments
Subject: [External] Review Number (HVHHF-000001) Public Comment from IL resident

To the IL DNR:

Responding to the Public Comment opportunity regarding **Review Number HVHHF-000001**:

I urge you to **deny permission for this fracking operation.**

- Over 200 peer reviewed studies demonstrate risks and harms of fracking unconventional gas and oil drilling and fracking related to the public health and safety.
- Fracking operations release **methane**, which **has a greater greenhouse climate-warming effect** than burning carbon fuels.
- The Environmental Protection Agency concluded that fracking has an impact on quality and/or quantity of drinking water.
- The United States Geological Survey concluded that “enhanced oil recovery and long-term production often contribute to seismic activity in surrounding areas.

I would also like to express my blanket opposition to all fracking operations– in IL and across the country.

Sincerely,

Jeff Slepak
[REDACTED]

Brown, Ronda

From: Food & Water Watch <act@fwwatch.org> on behalf of Areif Sless-Kitain <act@fwwatch.org>
Sent: Monday, June 19, 2017 2:19 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,

Mr. Areif Sless-Kitain



Brown, Ronda

From: Food & Water Watch <act@fwwatch.org> on behalf of Joan Slezak Fritz <act@fwwatch.org>
Sent: Friday, June 16, 2017 7:19 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.

Furthermore, it is a demonstrated fact that these people are utterly indifferent to the horrific messes they leave behind. You only have to look at where they were to see what they do. Furthermore, these activities have left small lakes and rivers all over polluted and have never made any attempt to clean up their toxic left behinds and, unfortunately the back pocket politicians of these companies make no effort to protect the people they are elect to SERVE. Finally, I doubt that you can call these terrible things that have happened "accidents" since they almost always result from failure to maintain any protective measures.

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. Joan Slezak Fritz



Brown, Ronda

From: Cynthia Sloan [REDACTED] Sent You a Personal Message <automail@knowwho.com>
Sent: Sunday, June 25, 2017 6:43 AM
To: DNR.HFPublicComments
Subject: [External] Review Number HVHHF-000001

Follow Up Flag: Follow up
Flag Status: Flagged

Dear Illinois Department of Natural Resources,

Please reject the application from Woolsey Operating Company, LLC, which is lacking in data and information, for a permit under the Hydraulic Fracturing Regulatory Act (HFRA), assigned to Review Number HVHHF-000001. Public safety is too important to play with.

The permit application does not give the exact location of the two disposal wells. We want to know 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.
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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 reading my comments. Let's make protecting our health and environment a priority.

Sincerely,

Cynthia Sloan
[REDACTED]

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

Brown, Ronda

From: Daniel Sloboda [REDACTED]
Sent: Monday, June 26, 2017 4:45 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.

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

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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.

Daniel Sloboda
[REDACTED]

Brown, Ronda

From: Craig Slocum [REDACTED] Sent You a Personal Message <automail@knowwho.com>
Sent: Sunday, June 25, 2017 7:55 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.

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,

Craig Slocum
[REDACTED]

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

Brown, Ronda

From: Paul Slone [REDACTED] Sent You a Personal Message <automail@knowwho.com>
Sent: Friday, June 23, 2017 3:59 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.

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,

Paul Slone
[REDACTED]

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

Brown, Ronda

From: R Slone [REDACTED] Sent You a Personal Message <automail@knowwho.com>
Sent: Sunday, June 25, 2017 8:44 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 urge you to reject Woolsey Operating Company's horizontal well permit application 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.

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:

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.
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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,

R Slone
[REDACTED]

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

Brown, Ronda

From: Peter Slonek [REDACTED]
Sent: Sunday, June 25, 2017 2:59 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.

Peter Slonek
[REDACTED]
[REDACTED]
[REDACTED]

Brown, Ronda

From: John A Slosar Jr [REDACTED] Sent You a Personal Message <automail@knowwho.com>
Sent: Friday, July 14, 2017 8:34 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.

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.
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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,

John A Slosar Jr
[REDACTED]

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

Brown, Ronda

From: Food & Water Watch <act@fwwatch.org> on behalf of Carol Small <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.

We are contending with enough in Illinois, let's not turn it into a third world landscape.

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 Small



Brown, Ronda

From: Ursula Small [REDACTED]
Sent: Monday, June 05, 2017 9:09 AM
To: DNR.HFPublicComments
Subject: [External] Fracking in IL. HVHHF-000001

I am emailing you in reference to HVHHF-000001 and the proposed fracking site in Illinois. I am a resident of Illinois and do not want to see any fracking allowed in the state of Illinois. This project is in direct defiance of the wishes of Illinois residents and all citizens concerned about fracking, pollution of our ground water, wildlife and environment. Please do not allow the establishment of this fracking site in Illinois to take place.

Brown, Ronda

From: Carol Small [REDACTED] Sent You a Personal Message <automail@knowwho.com>
Sent: Friday, June 23, 2017 3:11 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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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,

Carol Small
[REDACTED]

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

Brown, Ronda

From: Food & Water Watch <act@fwwatch.org> on behalf of Ursula Small <act@fwwatch.org>
Sent: Saturday, June 17, 2017 9:13 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).

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.

I am particularly concerned about the potential for increased earthquake activity due to fracking practices. This needs to be studied for environmental impact well before any construction of fracking sites takes place. Consider the future of our state and the safety of her residents. Make Illinois a leader in alternative energy sources and stop fracking now.

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. Ursula Small

A large black rectangular redaction box covering the signature and contact information of Ms. Ursula Small.

Brown, Ronda

From: Angela Smalley [REDACTED] Sent You a Personal Message
<automail@knowwho.com>
Sent: Saturday, June 24, 2017 9:36 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.

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.
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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,

Angela Smalley
[REDACTED]

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

Brown, Ronda

From: Concetta Smart [REDACTED] Sent You a Personal Message <automail@knowwho.com>
Sent: Wednesday, June 28, 2017 10:54 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.

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.
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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,

Concetta Smart
[REDACTED]

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

Brown, Ronda

From: Laura Smetana [REDACTED] Sent You a Personal Message
<automail@knowwho.com>
Sent: Friday, June 23, 2017 3:26 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.
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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,

Laura Smetana
[REDACTED]

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

Brown, Ronda

From: Food & Water Watch <act@fwwatch.org> on behalf of Carolyn Smigla <act@fwwatch.org>
Sent: Sunday, June 25, 2017 11:52 AM
To: DNR.HFPublicComments
Subject: [External] Public Comment regarding HVHHF Review #:000001

Follow Up Flag: Follow up
Flag Status: Flagged

Jun 25, 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. Carolyn Smigla



Brown, Ronda

From: Abigail Smith <info@actionnetwork.org>
Sent: Friday, June 23, 2017 2:47 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.

Abigail Smith

[REDACTED]
[REDACTED]
[REDACTED]

Brown, Ronda

From: Food & Water Watch <act@fwwatch.org> on behalf of Belinda Smith <act@fwwatch.org>
Sent: Friday, June 16, 2017 1:18 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.

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. Belinda Smith



Brown, Ronda

From: Cam Smith [REDACTED]
Sent: Wednesday, July 26, 2017 4:04 PM
To: DNR.HFPublicComments
Subject: [External] Reject Woolsey HVHHF #000001 Permit

Cameron Smith
[REDACTED]

Hello IDNR,

Please do not invite the Vampire (Woolsey) into the house (State of Illinois). Once the Vampire is in you can never get them out. They will drain all the life blood (oil) out of our body. Plus they leave behind a mess that can't be cleaned up.

OK, enough with the drama. As you know Wayne Woolsey doesn't have the best, or even second best, track record for extracting oil. INDR had to give them an extension for their first permit application because Woolsey couldn't get their information correct. Also there was that explosion on January 27, 2014 that injured two oil workers in Wayne County and still has a pending lawsuit against Woolsey. Plus there are the facts, the real facts, that show HVHHF causes earthquakes, radioactive contamination, destroys the fresh drinking water and creates air and noise pollution to the neighboring properties.

Wayne Woolsey does not care about Southern Illinois and its people or its land; he wants the oil. There are many things that can go wrong during the fracking process besides earthquakes, and the contamination and destruction of millions of gallons of fresh drinking water. There is the human aspects of what happens to the region when the oil workers come to the area and create a boom town mentality i.e. sex trade, increase in drug use, destruction of private property and public roads. All one has to do is look and see what is really happening in the world of fracking. Look at Oklahoma for the increase in earthquakes, pollution of drinking water in Pennsylvania, drug use and sex trade in North Dakota and decrease of property values in Texas.

Here in Southern Illinois we have limited resources to take care of our roads, lakes and land. One of the big draws here is the hunting, fishing and tourism it brings to our area, which could be destroyed if the place is fracked. Of course we are told fracking will bring jobs to the area. But most of the jobs go to oil workers who are trained by the company and travel from site to site. They do not hire locals to do the oil work. Yes the workers will have to eat and sleep, but the reality is the price of goods and services goes up so locals can no longer afford to live here. And when the wells dry out, and they do dry out quickly, all the locals are left with the mess and the expense of the clean up.

Being a co-owner in a 120-year-old historic segregated elementary brick school in Murphysboro, IL, The Douglass School, I am truly concerned about earthquakes. Yes I realize I live between two major earthquake faults and it could go anytime. But should that day be hastened by the greed of man for the use of oil? Also there are plans to use holding ponds for the flow back waste water until it is deposited into high pressure injection wells, which cause the earthquakes. One thing Southern Illinois is known for is its instant pop-up thunder storms with heavy rain and flash flooding, which could cause the holding ponds to overflow onto the surrounding ground. With the well site in White County being in the flood plain of the Wabash River, which

flows into the Ohio River, which then continues to the Mississippi River, what could go wrong to the millions of people down stream?

It is time for the INDR to take responsible action and deny Woolsey, or any other oil company, a permit for HVHMF in Illinois. There is one thing to think about: IF fracking is so safe, why did Dick Cheney back in 2005, work to make fracking exempt from the EPA's Safe Drinking Water Act, creating the Halliburton loophole? Think about it and take a look for yourself. Would you want this in your backyard?

Sincerely,

Cameron Smith



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Brown, Ronda

From: Cameron Smith [REDACTED]
Sent: Thursday, July 27, 2017 12:20 PM
To: DNR.HFPublicComments
Subject: [External] Reject HVHHF

Cameron Smith
[REDACTED]

Hello IDNR,

Please do not invite the Vampire (Woolsey) into the house (State of Illinois). Once the Vampire is in you can never get them out. They will drain all the life blood (oil) out of our body. Plus they leave behind a mess that can't be cleaned up.

OK, enough with the drama. As you know Wayne Woolsey doesn't have the best, or even second best, track record for extracting oil. INDR had to give them an extension for their first permit application because Woolsey couldn't get their information correct. Also there was that explosion on January 27, 2014 that injured two oil workers in Wayne County and still has a pending lawsuit against Woolsey. Plus there are the facts, the real facts, that show HVHHF causes earthquakes, radioactive contamination, destroys the fresh drinking water and creates air and noise pollution to the neighboring properties.

Wayne Woolsey does not care about Southern Illinois and its people or its land; he wants the oil. There are many things that can go wrong during the fracking process besides earthquakes, and the contamination and destruction of millions of gallons of fresh drinking water. There is the human aspects of what happens to the region when the oil workers come to the area and create a boom town mentality i.e. sex trade, increase in drug use, destruction of private property and public roads. All one has to do is look and see what is really happening in the world of fracking. Look at Oklahoma for the increase in earthquakes, pollution of drinking water in Pennsylvania, drug use and sex trade in North Dakota and decrease of property values in Texas.

Here in Southern Illinois we have limited resources to take care of our roads, lakes and land. One of the big draws here is the hunting, fishing and tourism it brings to our area, which could be destroyed if the place is fracked. Of course we are told fracking will bring jobs to the area. But most of the jobs go to oil workers who are trained by the company and travel from site to site. They do not hire locals to do the oil work. Yes the workers will have to eat and sleep, but the reality is the price of goods and services goes up so locals can no longer afford to live here. And when the wells dry out, and they do dry out quickly, all the locals are left with is the mess and the expense of the clean up.

Being a co-owner in a 120-year-old historic segregated elementary brick school in Murphysboro, IL, The Douglass School, I am truly concerned about earthquakes. Yes I realize I live between two major earthquakes faults and it could go anytime. But should that day be hastened by the greed of man for the use of oil? Also there are plans to use holding ponds for the flow back waste water until it is deposited into high pressure injection wells, which cause the earthquakes. One thing Southern

Illinois is known for its instant pop-up thunder storms with heavy rain and flash flooding, which could cause the holding ponds to overflow onto the surrounding ground. With the well site in White County being in the flood plain of the Wabash River, which flows into the Ohio River, which then continues to the Mississippi River, what could go wrong to the millions of people downstream?

It is time for the INDR to take responsible action and deny Woolsey, or any other oil company, a permit for HVVHF in Illinois. There is one thing to think about: IF fracking is so safe, why did Dick Cheney back in 2005, work to make fracking exempt from the EPA's Safe Drinking Water Act, creating the Halliburton loophole? Think about it and take a look for yourself. Would you want this in your backyard?

Sincerely,

Cameron Smith



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Brown, Ronda

From: Courtney Smith [REDACTED]
Sent: Tuesday, June 27, 2017 4:36 PM
To: DNR.HFPublicComments
Subject: [External] HVHHF-000001

HVHHF #000001

I am writing to urge IDNR to **DENY** the Woolsey HVHHF #000001 application for a variety of reasons, not the least of which include, but aren't limited to:

1. Overarching generalities and deficiencies in the application,
2. Specific concerns about deficiencies where information IS provided,
3. Failure to address a mounting body of evidence in the scientific community on the risks and harms associated with fracking that has come to light since the passage of the Illinois Hydraulic Fracturing Regulatory Act on 6/17/13. Specifically, the NY Compendium of Scientific, Medical and Media Findings, 4th edition, has 924 citations on the risks and harms of fracking, 692 of which have been published since the passage of the HFRA.

Comment #1:

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?

Comment #2

Underground Freshwater Information- Document 4

2. **Inadequate Determination of Underground Freshwater - No Geological Survey Data submitted-** Section 245.210(a)(5) of HFRA 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.

Comment #3

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 HVVHF 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

Comment #4

I grew up in White County, IL - just minutes from the proposed permit site. My family (Parents, Aunts, Uncles, Cousins) still live in and around Norris City and Enfield areas. Our water source on the family land is from a deep well. Our well water is good, clean water. I am very concerned that Hydraulic Fracturing will lead to contamination of the water my family depends on. Good water cannot be replaced. This permit should not be accepted or approved.

Comment #5

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 parties.

Signed,

Courtney Smith



Brown, Ronda

From: Food & Water Watch <act@fwwatch.org> on behalf of Doina Smith <act@fwwatch.org>
Sent: Sunday, June 25, 2017 10:51 AM
To: DNR.HFPublicComments
Subject: [External] Public Comment regarding HVHHF Review #:000001

Follow Up Flag: Follow up
Flag Status: Flagged

Jun 25, 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. Doina Smith

A large black rectangular redaction box covering the signature area.

Brown, Ronda

From: Fran Smith [REDACTED] Sent You a Personal Message <automail@knowwho.com>
Sent: Friday, June 23, 2017 8:04 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,

Fran Smith
[REDACTED]

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

Brown, Ronda

From: Food & Water Watch <act@fwwatch.org> on behalf of Irene Smith <act@fwwatch.org>
Sent: Friday, June 16, 2017 5:11 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. Irene Smith



Brown, Ronda

From: Food & Water Watch <act@fwwatch.org> on behalf of Janell Smith <act@fwwatch.org>
Sent: Friday, June 16, 2017 2:18 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. Janell Smith



Brown, Ronda

From: Food & Water Watch <act@fwwatch.org> on behalf of Jennifer Smith <act@fwwatch.org>
Sent: Friday, June 16, 2017 7:42 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.

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 Smith



Brown, Ronda

From: Katherine Smith [REDACTED] Sent You a Personal Message <automail@knowwho.com>
Sent: Tuesday, June 27, 2017 9:16 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.

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 Smith
[REDACTED]

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

Brown, Ronda

From: Kathy Smith [REDACTED]
Sent: Saturday, June 03, 2017 2:40 PM
To: DNR.HFPublicComments
Subject: [External] Review Number (HVHHF -000001) , Fracking at Starved Rock

As a resident of Northern Illinois, I would like to comment on the above. Fracking is dangerous (see the many earthquakes in Oklahoma), hazardous to the environment and to the people who live in Northern Illinois. I would urge you to deny this request! It helps no one but the corporation. Keep Illinois clean!

Thank you
Kathleen V Smith
[REDACTED]

Brown, Ronda

From: Laura Smith [REDACTED] Sent You a Personal Message <automail@knowwho.com>
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.

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,

Laura Smith
[REDACTED]

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

Brown, Ronda

From: Food & Water Watch <act@fwwatch.org> on behalf of Linda Smith <act@fwwatch.org>
Sent: Monday, June 26, 2017 8:54 AM
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. Linda Smith



Brown, Ronda

From: Food & Water Watch <act@fwwatch.org> on behalf of Linds Smith <act@fwwatch.org>
Sent: Wednesday, June 28, 2017 11:43 PM
To: DNR.HFPublicComments
Subject: [External] Public Comment regarding HVHHF Review #:000001

Jun 28, 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. Linds Smith



Brown, Ronda

From: Lloyd Smith [REDACTED] Sent You a Personal Message <automail@knowwho.com>
Sent: Saturday, June 24, 2017 8:24 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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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.

Sincerely,

Lloyd Smith
[REDACTED]

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

Brown, Ronda

From: Michael Smith [REDACTED] Sent You a Personal Message <automail@knowwho.com>
Sent: Friday, June 23, 2017 2:58 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.

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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 Smith
[REDACTED]

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

Brown, Ronda

From: Michael Smith [REDACTED] Sent You a Personal Message
<automail@knowwho.com>
Sent: Saturday, June 24, 2017 9:55 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 Smith
[REDACTED]

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

Brown, Ronda

From: Food & Water Watch <act@fwwatch.org> on behalf of Newland Smith <act@fwwatch.org>
Sent: Saturday, June 17, 2017 10:43 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).

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.

Lessons learned from extensive hydraulic fracturing in Alberta Canada should be sufficient to prevent such environmental harm in the State of Illinois.

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. Newland Smith



Brown, Ronda

From: Peggy Smith [REDACTED] Sent You a Personal Message <automail@knowwho.com>
Sent: Friday, June 23, 2017 2:44 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.

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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,

Peggy Smith
[REDACTED]

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

Brown, Ronda

From: Rona Smith [REDACTED] Sent You a Personal Message <automail@knowwho.com>
Sent: Friday, June 23, 2017 3:21 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,

Rona Smith
[REDACTED]

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

Brown, Ronda

From: s.e.s. [REDACTED]
Sent: Friday, July 28, 2017 9:18 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,

S.E. Smith

ONE Northside/Fair Economy Illinois

[REDACTED]

COMMENTS

Specific comments included below reference the documents contained in the Woolsey Permit Application HVHFF-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.

HVHFF 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 HVHFF 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 HVHFF 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 HVHHF 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 define 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 HVHFF 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 HVHFF 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 & HVHFF 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?

Brown, Ronda

From: Tom Smith [REDACTED] Sent You a Personal Message <automail@knowwho.com>
Sent: Friday, June 23, 2017 5:49 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.

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,

Tom Smith
[REDACTED]

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

Brown, Ronda

From: Food & Water Watch <act@fwwatch.org> on behalf of Johnny Smitts <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.

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. Johnny Smitts



Brown, Ronda

From: Food & Water Watch <act@fwwatch.org> on behalf of J Smythe <act@fwwatch.org>
Sent: Monday, June 19, 2017 5:19 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,

Dr. J Smythe



Brown, Ronda

From: Mark Snawadzki [REDACTED] Sent You a Personal Message <automail@knowwho.com>
Sent: Monday, June 26, 2017 3:22 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,

Mark Snawadzki
[REDACTED]

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

Brown, Ronda

From: Food & Water Watch <act@fwwatch.org> on behalf of Brittany Snow <act@fwwatch.org>
Sent: Sunday, June 25, 2017 10:22 AM
To: DNR.HFPublicComments
Subject: [External] Public Comment regarding HVHHF Review #:000001

Follow Up Flag: Follow up
Flag Status: Flagged

Jun 25, 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.

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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,

Mrs. Brittany Snow

A large black rectangular redaction box covering the signature and any accompanying text.

Brown, Ronda

From: Food & Water Watch <act@fwwatch.org> on behalf of m snow <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.

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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. m snow



Brown, Ronda

From: Food & Water Watch <act@fwwatch.org> on behalf of James Sobacki <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

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Sincerely,

Mr. James Sobacki



Brown, Ronda

From: Food & Water Watch <act@fwwatch.org> on behalf of Elin Soderquist <act@fwwatch.org>
Sent: Saturday, June 17, 2017 9:14 PM
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).

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.

Sincerely,

Mrs. Elin Soderquist



Brown, Ronda

From: Elin Soderquist [REDACTED] Sent You a Personal Message <automail@knowwho.com>
Sent: Friday, June 23, 2017 8:49 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.

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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,

Elin Soderquist
[REDACTED]

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

Brown, Ronda

From: Food & Water Watch <act@fwwatch.org> on behalf of Jesse Soldal <act@fwwatch.org>
Sent: Friday, July 07, 2017 2:16 AM
To: DNR.HFPublicComments
Subject: [External] Public Comment regarding HVHHF Review #:000001

Jul 7, 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.

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Sincerely,

Mr. Jesse Soldal



Brown, Ronda

From: Carmen Solis [REDACTED] Sent You a Personal Message <automail@knowwho.com>
Sent: Wednesday, July 26, 2017 10:55 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,

Carmen Solis
[REDACTED]

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

Brown, Ronda

From: Food & Water Watch <act@fwwatch.org> on behalf of Brittany Snow <act@fwwatch.org>
Sent: Sunday, June 25, 2017 10:22 AM
To: DNR.HFPublicComments
Subject: [External] Public Comment regarding HVHHF Review #:000001

Follow Up Flag: Follow up
Flag Status: Flagged

Jun 25, 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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Sincerely,

Mrs. Brittany Snow



Brown, Ronda

From: Food & Water Watch <act@fwwatch.org> on behalf of m snow <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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Sincerely,

Ms. m snow



Brown, Ronda

From: Food & Water Watch <act@fwwatch.org> on behalf of James Sobacki <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

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Sincerely,

Mr. James Sobacki



Brown, Ronda

From: Food & Water Watch <act@fwwatch.org> on behalf of Elin Soderquist <act@fwwatch.org>
Sent: Saturday, June 17, 2017 9:14 PM
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,

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Sincerely,

Mrs. Elin Soderquist



Brown, Ronda

From: Elin Soderquist [REDACTED] Sent You a Personal Message <automail@knowwho.com>
Sent: Friday, June 23, 2017 8:49 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.

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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,

Elin Soderquist
[REDACTED]

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

Brown, Ronda

From: Food & Water Watch <act@fwwatch.org> on behalf of Jesse Soldal <act@fwwatch.org>
Sent: Friday, July 07, 2017 2:16 AM
To: DNR.HFPublicComments
Subject: [External] Public Comment regarding HVHHF Review #:000001

Jul 7, 2017

Illinois Department of Natural Resources Illinois Department of Natural Resources IL

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Sincerely,

Mr. Jesse Soldal



Brown, Ronda

From: Carmen Solis [REDACTED] Sent You a Personal Message <automail@knowwho.com>
Sent: Wednesday, July 26, 2017 10:55 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,

Carmen Solis
[REDACTED]

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

Brown, Ronda

From: Food & Water Watch <act@fwwatch.org> on behalf of Michele Jaye Solomon <act@fwwatch.org>
Sent: Friday, June 23, 2017 8:49 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.

In addition fracking causes earthquakes and we don't need those either!

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. Michele Jaye Solomon



Brown, Ronda

From: Cheryl Solper [REDACTED] Sent You a Personal Message <automail@knowwho.com>
Sent: Saturday, June 24, 2017 1:22 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.

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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,

Cheryl Solper
[REDACTED]

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

Brown, Ronda

From: Phillip Solzan [REDACTED] Sent You a Personal Message <automail@knowwho.com>
Sent: Friday, June 23, 2017 5:33 PM
To: DNR.HFPublicComments
Subject: [External] Review Number HVHHF-000001

Dear Illinois Department of Natural Resources,

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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,

Phillip Solzan
[REDACTED]

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

Brown, Ronda

From: Steven Sondheim [REDACTED] Sent You a Personal Message
<automail@knowwho.com>
Sent: Wednesday, June 28, 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.

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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,

Steven Sondheim
[REDACTED]

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

Brown, Ronda

From: Gerri Songer [REDACTED]
Sent: Tuesday, July 25, 2017 9:09 AM
To: DNR.HFPublicComments
Subject: [External] Re: HVHHF #000001

Re: HVHHF #000001

Dear IDNR Staff:

I am extremely concerned regarding the Woolsey application for a High Volume Hydraulic Fracturing Permit (HVHHF #000001). I ask that you deny the permit based on the reasons below.

1) The initial Woolsey application was grossly inadequate with numerous deficiencies, and did not comply with the Hydraulic Fracturing Regulatory Act (HFRA). I am concerned about Woolsey's willingness to adhere to the regulations in HFRA. Woolsey's laxness with HFRA requirements during this application process is a disconcerting sign which brings up questions as to whether they will be compliant with the law when they actually start the process of high volume horizontal fracking. Based on their behavior already I ask that you deny this permit.

2) Southern Illinoisans' valuable water resources are at risk. Woolsey's Water Source Management Plan proposes use of a total of 7,500,000 gallons of local groundwater in its operations. This quantity of water is extremely wasteful in an area where aquifers can be drained easily. The Department itself considers the "most commonly reliable figure" for HVHHF to be from "4.4 to 5 million gallons per well." Woolsey's assurances that they will not be wasteful of the water fall flat. I call on the IDNR to deny their plans to overuse the ground water - why would they not be in violation of Illinois' reasonable use doctrine for groundwater withdrawals? Illinois has already had two significant droughts in Southern IL, in the past 10 years. Please act carefully with our water resources - deny the Woolsey permit based on excessive planned water use.

3) Fracking induced earthquakes have been proven, and can be quite significant, having been the source of much property damage already in states such as OK. Frackquakes are of grave concern for Southern Illinoisans. The Woolsey well location is in the active earthquake area of the Wabash Valley and near the New Madrid Fault, yet there is no earthquake rider in the insurance documents provided in the application, nor earthquake modifications to any of the required plans. We request that the IDNR do your due diligence and check with the USGS to see if Woolsey is out of compliance with 62 ILL. ADM. CODE, Section 245.210 (d): [If any part of the well or well site identified in subsection (a)(2) is in an area identified by the U.S. Geological Service as having a 2% or more probability of exceedance (in 50 years) of peak ground acceleration of 0.4 standard gravity (g) or more, then the plans submitted per subsections (a)(11) (Hydraulic Fracturing Fluids and Flowback Plan), (a)(12) (Well Site Safety Plan), (a)(13) (Containment Plan) and (a)(14) (Casing and Cementing Plan) shall identify measures the applicant will take to protect the components in those plans against an earthquake of M 4.5 or more, and the insurance policy identified in subsection (a)(19) shall have a rider providing coverage against loss or claims resulting from impacts from any aspect of the permitted operations following earthquakes of M 4.5 or more.]

If Woolsey is out of compliance with any aspect of HFRA's requirements I ask that you deny the permit - 2 strikes and they should be out! The process of high volume fracturing is a complex process, and I know that the IDNR does not have enough regulators to be constantly monitoring for compliance with HFRA. Trust is required between the IDNR and well operators that they will self report on a number of crucial issues. If Woolsey can not be in compliance during the application process then there is not one reason for the IDNR to trust that they will remain in compliance during their drilling and fracturing operations.

Sincerely,
Gerri Songer





Gerri Songer

GerriSonger@gmail.com

“A popular government **without proper information** or the **means of acquiring it** is but a prologue to a **farce or a tragedy** – or perhaps both. **Knowledge** will forever govern ignorance; and the people who mean to be their own governors, must arm themselves with the **power which knowledge gives.**”

— **James Madison**, Letter to W. T. Barry, 1822

“One of the penalties for **refusing to participate in politics** is that you end up being governed by your inferiors. The price of **apathy** towards public affairs is to be ruled by evil men [/women].”

— **Plato**

Brown, Ronda

From: Lisa Sons [REDACTED] Sent You a Personal Message <automail@knowwho.com>
Sent: Tuesday, June 27, 2017 8:40 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.

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,

Lisa Sons
[REDACTED]

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

Brown, Ronda

From: Jill Sontag <info@actionnetwork.org>
Sent: Friday, June 23, 2017 4:23 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.

Our future depends on it.

Jill Sontag

[REDACTED]

[REDACTED]

[REDACTED]

Brown, Ronda

From: Joan Sophie [REDACTED] Sent You a Personal Message <automail@knowwho.com>
Sent: Saturday, June 24, 2017 5:34 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.
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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 Sophie
[REDACTED]

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

Brown, Ronda

From: Gerta Sorensen [REDACTED]
Sent: Tuesday, June 27, 2017 8:33 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 c
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.

Gerta Sorensen
[REDACTED]
[REDACTED]
[REDACTED]

Brown, Ronda

From: Food & Water Watch <act@fwwatch.org> on behalf of Dane Sorenson <act@fwwatch.org>
Sent: Friday, June 16, 2017 6:19 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.

I don't want my water polluted or to have earthquakes. Please don't allow fracking in Illinois.

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. Dane Sorenson



Brown, Ronda

From: Food & Water Watch <act@fwwatch.org> on behalf of richard sorock <act@fwwatch.org>
Sent: Friday, June 16, 2017 10:19 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. richard sorock



Brown, Ronda

From: Audra Soulias [REDACTED] Sent You a Personal Message <automail@knowwho.com>
Sent: Monday, June 26, 2017 11:24 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.

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,

Audra Soulias
[REDACTED]

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

Brown, Ronda

From: Food & Water Watch <act@fwwatch.org> on behalf of Pamela Sourelis <act@fwwatch.org>
Sent: Friday, June 23, 2017 10:20 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).

It is undeniable that the practice of hydraulic fracturing pollutes our air, water, and soil with toxic, carcinogenic, and radioactive materials. Hundreds of studies have shown this to be true.

Fracked wells leak. Even without a severe accident (such as the Woolsey well explosion in Fairfield in 2014), fracked wells leak. We know this through air sampling, water testing, and infrared footage.

In addition, the proposed well site is within one mile of at least five known oil wells, and Woolsey Oil Corporation has a plan to flare excess methane, exposing the area nearby to toxins.

Illinois residents do not want our health and safety compromised by this project.

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. Pamela Sourelis



Brown, Ronda

From: Food & Water Watch <act@fwwatch.org> on behalf of James Sparesus <act@fwwatch.org>
Sent: Saturday, June 17, 2017 7:50 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).

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. We need new energy sources not destructive to the Earth; stop 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,

Mr. James Sparesus



Brown, Ronda

From: Karen Spatz [REDACTED] Sent You a Personal Message <automail@knowwho.com>
Sent: Friday, June 23, 2017 4:14 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.
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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,

Karen Spatz
[REDACTED]

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

Brown, Ronda

From: Food & Water Watch <act@fwwatch.org> on behalf of Laurie Spear <act@fwwatch.org>
Sent: Thursday, June 22, 2017 7:46 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.

Please consider people, our environment, and not profits.

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. Laurie Spear



Brown, Ronda

From: hughspector [REDACTED]
Sent: Tuesday, June 27, 2017 2:32 PM
To: DNR.HFPublicComments
Subject: [External] HVHHF-000001

HVHHF-000001

There's a lot of information in the document I'm forwarding. The long and short of it is that you should choose 2-3 reasons from the voluminous list that you don't want Woolsey to receive a permit for fracking in Illinois, i.e. water contamination, seismic activity, non-disclosure of chemicals used, failure to demonstrate how use of water will be minimized. There are many reasons to reject this....environment, we should be focusing on renewable energy sources, water quality, etc.

Sent from my iPhone

Brown, Ronda

From: Susan Spengler [REDACTED] Sent You a Personal Message <automail@knowwho.com>
Sent: Friday, June 23, 2017 8:37 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.

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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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,

Susan Spengler
[REDACTED]

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

Brown, Ronda

From: Food & Water Watch <act@fwwatch.org> on behalf of Beth Spezia <act@fwwatch.org>
Sent: Sunday, June 18, 2017 6:46 PM
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.

I depend on IDNR to protect and defend earth from exploitation associated with fossil fuels!

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. Beth Spezia



Brown, Ronda

From: Elizabeth Michele Spezia [REDACTED]
Sent: Tuesday, July 25, 2017 11:44 AM
To: DNR.HFPublicComments
Subject: [External] HVHFF 000001

I am opposed to the establishment of a high volume fracking well in Illinois by Woolsey Operating Company or any other drilling company. Please deny the permit for application HVHFF #000001. Temporary jobs resulting from these mining operations are simply not worth the environmental destruction, increased crime, and safety risks that come with them. Time and time again in the history of our region, peace and beauty have been sacrificed to extraction industries that rape our lands and cheat our workers. What do we as a people in Southern Illinois have to show for it? Strip mines denuded of topsoil, land fills, black lung disease, and a legacy of unemployment when the so-called high-paying jobs in the mines play out.

Scientific evidence demonstrates that this method of oil extraction results in increased earthquake frequency, many other nasty environmental problems, waste of precious clean water, and significant public health risks. For example, the U.S. Geological Survey in Oklahoma documented earthquakes between 2004 and 2016 as follows, using seismic sound lab technology:

<https://vimeo.com/186029718>

In the already active earthquake area of the Wabash Valley, in White County, fracking cannot be beneficial to all. Furthermore, our rural roadways cannot be safe for everyone when large volumes of commercial trucks are transporting heavy and sometimes hazardous materials through this region. These trucks pollute the air and destroy the roads. Collectively, we need to invest in alternative, safe, renewable energy sources instead of fossil fuels. It is the right thing to do.

Please deny applications for permits to frack!

Sincerely,
Beth Spezia

[REDACTED]

Get [Outlook for iOS](#)

Brown, Ronda

From: Colin SPhar <info@actionnetwork.org>
Sent: Friday, June 23, 2017 12:49 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.

Colin SPhar

[REDACTED]
[REDACTED]
[REDACTED]

Brown, Ronda

From: Valerie Sprague [REDACTED] Sent You a Personal Message
<automail@knowwho.com>
Sent: Friday, June 23, 2017 5:32 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.

Sincerely,

Valerie Sprague
[REDACTED]

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

Brown, Ronda

From: Sonali S [REDACTED]
Sent: Sunday, May 28, 2017 9:34 AM
To: DNR.HFPublicComments
Subject: [External] Review Number (HVHHF-000001)

I am unequivocally against this drilling. Who would want this or even allow this to happen? Voters will get to the bottom of it.

Sonali Srinath
[REDACTED]

Brown, Ronda

From: Sara Staben [REDACTED] Sent You a Personal Message <automail@knowwho.com>
Sent: Saturday, June 24, 2017 6:46 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.

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,

Sara Staben
[REDACTED]

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

Brown, Ronda

From: Food & Water Watch <act@fwwatch.org> on behalf of Delores Stachura <act@fwwatch.org>
Sent: Friday, June 16, 2017 3:41 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,

Ms. Delores Stachura



Brown, Ronda

From: Food & Water Watch <act@fwwatch.org> on behalf of Vicki Stacy <act@fwwatch.org>
Sent: Saturday, June 17, 2017 10:44 PM
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).

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. Vicki Stacy



Brown, Ronda

From: Christiane Stahl <info@actionnetwork.org>
Sent: Monday, June 26, 2017 3:11 AM
To: DNR.HFPublicComments
Subject: [External] Public Comment regarding HVHHF Review #:000001

Oil & Gas Regulatory Staff,

I write as a pediatrician who has seen the damage done to children when officials fail to appropriately restrict companies from engaging in environmentally risky practices.

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.

Christiane Stahl

[REDACTED]
[REDACTED]
[REDACTED]

Brown, Ronda

From: Shannon Stanis [REDACTED]
Sent: Tuesday, May 30, 2017 8:43 PM
To: DNR.HFPublicComments
Subject: [External] Review Number (HVHHF-000001)

Dear the concerning members of the Illinois Department of Natural Resources,

I am writing to you as a resident of Illinois and an ecologist with training from the University of Illinois at Urbana Champaign and Purdue University. I am very concerned about the proposed hydraulic fracking near our beloved Starved Rock State Park. My six years of education and training in the field of natural resources and ecology has taught me that hydraulic fracking is detrimental to the health of our overall environment, natural areas, and humans. I am confident that you also know that allowing fracking near the park would most certainly disrupt and harm the watershed. I hope that you do all in your power to prevent fracking near our park, for the health of the park itself and those that visit and live nearby. Please do what is right by the environment, citizens, and visitors and prevent this hydraulic fracking.

Thank you,
Shannon Stanis

Brown, Ronda

From: David Stanley [REDACTED] Sent You a Personal Message <automail@knowwho.com>
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.

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,

David Stanley
[REDACTED]

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

Brown, Ronda

From: Leslie Stapleton [REDACTED] Sent You a Personal Message <automail@knowwho.com>
Sent: Friday, June 23, 2017 5:56 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.

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,

Leslie Stapleton
[REDACTED]

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

Brown, Ronda

From: Mary Starck [REDACTED] Sent You a Personal Message <automail@knowwho.com>
Sent: Sunday, July 16, 2017 6:13 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,

Mary Starck
[REDACTED]

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

Brown, Ronda

From: Sanford Stark [REDACTED] Sent You a Personal Message <automail@knowwho.com>
Sent: Friday, June 23, 2017 3:18 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,

Sanford Stark
[REDACTED]

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

Brown, Ronda

From: Food & Water Watch <act@fwwatch.org> on behalf of ELLEN STARKMAN <act@fwwatch.org>
Sent: Tuesday, June 20, 2017 5:49 AM
To: DNR.HFPublicComments
Subject: [External] Public Comment regarding HVHHF Review #:000001

Jun 20, 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. ELLEN STARKMAN



Brown, Ronda

From: Linda Staszak [REDACTED] Sent You a Personal Message
<automail@knowwho.com>
Sent: Friday, June 23, 2017 5:37 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,

Linda Staszak
[REDACTED]

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

Brown, Ronda

From: Food & Water Watch <act@fwwatch.org> on behalf of Greg Stawinoga <act@fwwatch.org>
Sent: Friday, June 16, 2017 9:12 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. Greg Stawinoga



Brown, Ronda

From: Sam Stearns [REDACTED]
Sent: Friday, July 28, 2017 10:51 AM
To: DNR.HFPublicComments
Cc: Geneil Stearns; sada stearns; David Gladish
Subject: [External] FOBSS comment on HVHHF #000001

July 27, 2017

Illinois Department of Natural Resources

One Natural Resources Way

Springfield, IL 62702

Dear Sir or Madam---

These are the comments and objections of *Friends of Bell Smith Springs* and the undersigned individuals regarding the proposed Woolsey Oil Companies permit HVHHF #000001. *Friends of Bell Smith Springs* has over 150 members who are dedicated to preserving the Bell Smith Springs National Natural Landmark and other public land; educating the public about these lands; and promoting low impact recreation on these lands where appropriate. In addition, *Friends of Bell Smith Springs* provides information and education regarding projects which may impact land, water, air, flora, and fauna resources that all citizens share---as well as the health and well-being of the citizens themselves.

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. This application is described as

HVHHF #1, White County

IDNR Review Number HVHHF #000001

Applicant: Woolsey Operating Company, LLC, a Kansas limited liability corporation

Location: Between Springerton and Enfield, about 1.3 miles west of US Route 45;

the site is bounded by County Road 1825 N on the north,

County Road 50E on the west, and County Road 1725 N to the south

Information located online at: <https://www.dnr.illinois.gov/OilandGas/Pages/PendingPermitApplications.aspx>

COMMENTS

REVIEW NUMBER HVHHF-000001

Woolsey Operating Company LLC Application for Permit in White County

- 1) IDNR's Public Notice identifies this proposed well as a gas well, while the application indicates that the proposed well is an oil well and that gas will be flared.
- 2) Woolsey Operating Co. LLC was involved in a blowout in Wayne County while the company was fracking a well, and two workers were injured. This company should not be allowed to conduct HVHFF operations.
- 3) Seven million gallons of fresh, potable water are too much to be used for an oil well.
- 4) We are concerned about the loud noise, bright lights, and increased truck traffic that will be created by the operation, especially at night and the impact that would have upon the flora, fauna, and citizens of the area.
- 5) The EPA has concluded that oil and gas operations have contaminated water supplies, and the risk of contaminating fresh water outweighs the benefits of production from this well.
https://www.epa.gov/sites/production/files/2016-12/documents/hfdwa_executive_summary.pdf
- 6) DNR regulations require applicants to "submit a radioactive materials management strategy to test for and identify, manage, transport and dispose of any radioactive materials utilized or generated during the course of HVHFF operations." Woolsey's application appears to be in compliance with the requirement to test for and identify radioactive materials – but nothing else. It therefore does not qualify as a "strategy" that meets the other requirements. This is especially alarming, and cannot be deemed adequate, in light of the fact that technologically enhanced naturally occurring radioactive materials (TENORM) brought to the surface and/or deposited on oil-field equipment in Southern Illinois is generally much more radioactive than in other regions nationally – and White County, in particular, has shown elevated radioactivity in oilfield equipment and soils more commonly than in the rest of Southern Illinois. (See USGS Fact Sheet, FS-142-99, and James K. Otton, et al., Effects of produced water at some oilfield production sites in Southern Illinois, U.S.G.S. Open File Report 97-448, July 1997, pp. 6-7, 83.)
7. The site of the proposed HVHFF operations lies within the Wabash Valley Seismic Zone and is within the impact zone of the New Madrid Fault Zone. (USGS Documentation for the 2014 Update of the United States National Seismic Hazard Maps "2014 Modeling", ofr 2014-1091, at 6, 36.) For IDNR to allow an HVHFF operation and related wells for the disposal of wastewater in this area increases the risk of earthquakes and subjects local residents to additional risks of pollution and contamination of air, water, and soil. DNR's regulations (62 Ill. Adm. Code Sec. 245.210(d)) require extra precautions to protect the components in the HVHFF operations plans for fluids and flowback, well site safety, containment, and casing and cementing, when the proposed well is within or very near an area identified by U.S. Geological Service models as having a 2% or more probability of exceedance (in 50 years) of peak ground acceleration of 0.4 standard gravity (g) or more. This requirement is based upon a standard used in the 2014 Modeling. The proposed well site was in such an area in the 2008 modeling (USGS Documentation for the 2014 Update of the United States National Seismic Hazard Maps, ofr 2014-1091, at 6) and is within or very close to such an area in the 2014 Modeling (at 6). So Woolsey should be required to comply with the additional requirements set out in Section 245.210(d). In addition, the 2014 Modeling acknowledged that "[s]everal issues still need to be addressed in future versions of the maps," and the 2014 Modeling gave as an example the following: "[W]e have not finalized a model for the treatment of hazard from earthquakes suspected of being caused by fluid injection (potentially induced earthquakes). This is a very complex problem and alternatives will, most likely, be considered as a series of logic-tree branches in future models. The users of the hazard maps should consider additional hazard from potentially induced events." A 2016 U.S. Geological Service report takes induced earthquakes into account and appears to have increased the risks in the area including the proposed well site, although the report does not use the 50-year modeling standard but a different 1-year standard instead. 2016 One-Year Seismic Hazard Forecast for the Central and Eastern United States from Induced and Natural Earthquakes "2016 Modeling", ofr20161035, at 29. In the vicinity of the proposed well site, the 2016 Modeling also associates numerous earthquakes with wells. 2016 Modeling at 6.
8. Woolsey's application does not include any indication of how far the subsurface fracturing with fluids and pressure will extend beyond the horizontal well bore, so the application includes no assurance that all the owners with subsurface rights have consented to the fracturing operations. Without the consent of all owners

of the subsurface to be impacted—whether that is by drilling, by pressure, or by fluids—Woolsey will commit subsurface trespass.

9. Similarly, because Woolsey's application does not include any indication of how far the subsurface extraction of oil and other materials will extend beyond the horizontal well bore, the application includes no assurance that this proposed operation will respect the ownership rights of those holding the mineral rights on adjoining land. Without the consent of all owners of mineral rights whose minerals could be extracted, Woolsey will commit theft of the minerals.

10. Woolsey plans to use silica sand as a proppant, but the National Institute for Occupational Safety and Health (NIOSH) has identified exposure to airborne silica as a health hazard to workers conducting some hydraulic fracturing operations. https://www.osha.gov/dts/hazardalerts/hydraulic_frac_hazard_alert.html

11. Woolsey's application does not state whether or not there are preexisting fractures in any of the layers in the relevant locations. Preexisting fractures would affect the pressures required for additional fracturing, and preexisting fractures could serve as pathways for the migration of fracking fluids.

12. Fossil fuel production increases climate change, and new fossil fuel production, especially HVVHF operations, will negatively impact the health and safety of the public. See <http://concernedhealthny.org/compendium/> We must leave fossil fuels in the ground.

IN ADDITION:

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

We 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 obviously deceptive 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 Woosley 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. **Friends of Bell Smith Springs** 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. **Friends of Bell Smith Springs** urge Illinois Department of Natural Resources to reject permit application HVHHF #000001 for demonstrating gross incompetence and untrustworthiness.

Friends of Bell Smith Springs also endorse the public comments made by SAFE (Southern Illinoisans Against Fracturing Our Environment, Food & Water Watch, the Sierra Club, Natural Resources Defense Council, and Illinois People's Action.

Friends of Bell Smith Springs urge you to uphold your duty to protect Illinois' natural resources and our public health and safety, by denying Woolsey Operating Company LLC's well permit application (HVHHF-000001).

Respectfully submitted,

Sam Stearns, Public Education Coordinator

Friends of Bell Smith Springs

[Redacted]

[Redacted]

[Redacted]

[Redacted]

Geneil Stearns

[Redacted]

[Redacted]

[Redacted]

Sada Stearns

[Redacted]

[Redacted]

[Redacted]

David Gladish

[Redacted]

[Redacted]

[Redacted]

Brown, Ronda

From: Food & Water Watch <act@fwwatch.org> on behalf of Burton Steck <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.

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. Burton Steck



Brown, Ronda

From: Burton Steck [REDACTED] Sent You a Personal Message <automail@knowwho.com>
Sent: Friday, June 23, 2017 7:24 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,

Burton Steck
[REDACTED]

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

Brown, Ronda

From: Trisha Steele [REDACTED] Sent You a Personal Message <automail@knowwho.com>
Sent: Saturday, June 24, 2017 9:36 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,

Trisha Steele
[REDACTED]

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

Brown, Ronda

From: Food & Water Watch <act@fwwatch.org> on behalf of craig stees <act@fwwatch.org>
Sent: Saturday, June 24, 2017 10:50 AM
To: DNR.HFPublicComments
Subject: [External] Public Comment regarding HVHHF Review #:000001

Follow Up Flag: Follow up
Flag Status: Flagged

Jun 24, 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. craig stees



Brown, Ronda

From: Jay Steffen [REDACTED] Sent You a Personal Message <automail@knowwho.com>
Sent: Friday, June 23, 2017 8:27 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,

Jay Steffen
[REDACTED]

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

Brown, Ronda

From: Bruce Stegman [REDACTED] Sent You a Personal Message <automail@knowwho.com>
Sent: Saturday, June 24, 2017 12:17 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,

Bruce Stegman
[REDACTED]

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

Brown, Ronda

From: Dale Steichen [REDACTED] Sent You a Personal Message <automail@knowwho.com>
Sent: Friday, June 23, 2017 3:01 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,

Dale Steichen
[REDACTED]

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

Brown, Ronda

From: andy steiner [REDACTED]
Sent: Tuesday, May 30, 2017 12:19 PM
To: DNR.HFPublicComments
Subject: [External] HVHHF-000001

Regarding review number HVHHF-000001, I oppose allowing Woolsey Operating Company or any other company producing gas at the well Woodrow #1H-310408-193 or any other well in that area. The people of the State of Illinois value the state parks at Starved Rock and Matthiessen. No gas production should be allowed anywhere near these treasures.

Sincerely,

Alfred Steiner

Brown, Ronda

From: Food & Water Watch <act@fwwatch.org> on behalf of Terry Steiner <act@fwwatch.org>
Sent: Tuesday, June 27, 2017 6:39 PM
To: DNR.HFPublicComments
Subject: [External] Public Comment regarding HVHHF Review #:000001

Follow Up Flag: Follow up
Flag Status: Flagged

Jun 27, 2017

Illinois Department of Natural Resources Illinois Department of Natural Resources IL

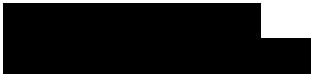
Dear Illinois Department of Natural Resources,

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.

Thank you
Terry Steiner



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. Terry Steiner



Brown, Ronda

From: terry steiner [REDACTED]
Sent: Tuesday, May 30, 2017 1:58 PM
To: DNR.HFPublicComments
Subject: [External] HVHHF-000001

Regarding review number HVHHF-000001, I oppose allowing Woolsey Operating Company or any other company producing gas at the well Woodrow #1H-310408-193 or any other well in that area. The people of the State of Illinois value the state parks at Starved Rock and Matthiessen. No gas production should be allowed anywhere near these treasures.

Sincerely,

Terry Steiner

Brown, Ronda

From: Food & Water Watch <act@fwwatch.org> on behalf of Brian Steinke <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. Brian Steinke



Brown, Ronda

From: Food & Water Watch <act@fwwatch.org> on behalf of Therese Stellato <act@fwwatch.org>
Sent: Friday, June 16, 2017 1:18 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.

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. Therese Stellato



Brown, Ronda

From: Michael Stephen [REDACTED] Sent You a Personal Message
<automail@knowwho.com>
Sent: Friday, June 23, 2017 4:10 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,

Michael Stephen
[REDACTED]

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

Brown, Ronda

From: Karen Sterling [REDACTED] Sent You a Personal Message <automail@knowwho.com>
Sent: Friday, June 23, 2017 5:57 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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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,

Karen Sterling
[REDACTED]

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

Brown, Ronda

From: Melissa Sterne [REDACTED] Sent You a Personal Message
<automail@knowwho.com>
Sent: Tuesday, June 27, 2017 9:47 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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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,

Melissa Sterne
[REDACTED]

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

Brown, Ronda

From: Food & Water Watch <act@fwwatch.org> on behalf of Jamie Stevens <act@fwwatch.org>
Sent: Friday, June 16, 2017 5:41 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,

Ms. Jamie Stevens



Brown, Ronda

From: Franklin Stevenson [REDACTED]
Sent: Friday, June 23, 2017 4:18 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.

Franklin Stevenson
[REDACTED]
[REDACTED]
[REDACTED]

Brown, Ronda

From: Food & Water Watch <act@fwwatch.org> on behalf of Diane Steward <act@fwwatch.org>
Sent: Saturday, July 08, 2017 6:44 AM
To: DNR.HFPublicComments
Subject: [External] Public Comment regarding HVHHF Review #:000001

Jul 8, 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. Diane Steward



Brown, Ronda

From: Brian Stewart [REDACTED] Sent You a Personal Message <automail@knowwho.com>
Sent: Sunday, June 25, 2017 8:07 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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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,

Brian Stewart
[REDACTED]

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

Brown, Ronda

From: Susan Stewart [REDACTED] Sent You a Personal Message
<automail@knowwho.com>
Sent: Sunday, July 23, 2017 9:50 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.

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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 Stewart
[REDACTED]

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

Brown, Ronda

From: Food & Water Watch <act@fwwatch.org> on behalf of Susan Stewart <act@fwwatch.org>
Sent: Sunday, June 18, 2017 3:46 PM
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,

Mrs. Susan Stewart



Brown, Ronda

From: Food & Water Watch <act@fwwatch.org> on behalf of Larry Stivers <act@fwwatch.org>
Sent: Friday, June 16, 2017 11:12 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. Larry Stivers



Brown, Ronda

From: Food & Water Watch <act@fwwatch.org> on behalf of Rachelle Stivers <act@fwwatch.org>
Sent: Tuesday, June 20, 2017 2:40 PM
To: DNR.HFPublicComments
Subject: [External] Public Comment regarding HVHHF Review #:000001

Jun 20, 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.

The dangers fro fracking, especially from water contamination, are just too high and outweigh any advantage. Illinois should be pursuing more wind power.

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. Rachelle Stivers



Brown, Ronda

From: Food & Water Watch <act@fwwatch.org> on behalf of Ronald Stoch <act@fwwatch.org>
Sent: Friday, June 16, 2017 8:19 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. Ronald Stoch



Brown, Ronda

From: Ronald Stoch [REDACTED] Sent You a Personal Message <automail@knowwho.com>
Sent: Friday, June 23, 2017 4:50 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.

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,

Ronald Stoch
[REDACTED]

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

Brown, Ronda

From: Deirdre Stokes [REDACTED] Sent You a Personal Message <automail@knowwho.com>
Sent: Wednesday, June 28, 2017 11:47 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,

Deirdre Stokes
[REDACTED]

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

Brown, Ronda

From: Food & Water Watch <act@fwwatch.org> on behalf of Jonathan Stolarski <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 want sustainable hydrogen fuel cells and an end to fossil fuels or you're just making a hellish world for our children.
God is watching.
Stop hydraulic fracturing now.

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. Jonathan Stolarski



Brown, Ronda

From: Food & Water Watch <act@fwwatch.org> on behalf of Reverend Matthew Stolz <act@fwwatch.org>
Sent: Wednesday, July 26, 2017 6:57 PM
To: DNR.HFPublicComments
Subject: [External] Public Comment regarding HVHHF Review #:000001

Jul 26, 2017

Illinois Department of Natural Resources Illinois Department of Natural Resources IL

Dear Illinois Department of Natural Resources,

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

Fracking has a horrible track record of negatively impacting both the environment and human health, and therefore fracking should not be allowed in Illinois. Instead we Illinoisans need to lead the nation in the development and proliferation of clean, green, environmentally-friendly alternative energy sources, rather than continuing to rely on pollution-causing fossil fuels.

Also for your consideration:

COMMENTS on HVHHF #000001: Supplemental Application Information

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?

Section 09: Water Source Management Plan

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

Comment:

Woolsey inadequately reports their plans and even intentions to monitor the volume of flowback water following injection to ensure that fugitive effluent is accounted for. Woolsey also inadequately represents the basis of their assumptions for necessary volume of flowback water storage.

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

Comment:

The threshold of feasibility is not defined, making it impossible for IDNR to determine whether methods for water withdrawal minimization were adequate or even considered by the applicant.

The Water Source Management Plan proposes to use a total of 7,500,000 gallons of local groundwater in its treatment operations. This usage directly competes with and over 275,000 acres of private, agricultural operations and animal operations bringing over \$9 million in revenue to the county.

No justification is given by the Applicant for the extreme volume of water proposed for use or why it should not be deemed wasteful in violation of Illinois' reasonable use doctrine for groundwater withdrawals.

Failure to address the extreme volume of water necessary for operations and to specify what minimization methods were used to determine the feasibility of sustained water usage against vulnerable users in the region presents a failure of the Water Source Management Plans.

Section 12: Casing & Cementing Plan

Section 12, Page 2: "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 ensure that inspectors are present at all settings and cementings of well casings?
- Will the identity of the inspector be committed to public record and what is the responsibility of the inspector should the well fail at a later date?
- In the absence of an inspector, what plan does IDNR have to provide follow-up to determine whether the setting and cementing of the casing were successfully completed?

Section 12, Page 2: "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 ensure that inspectors are present for all said testing?
- Will the identity of the inspector be committed to public record and what is the responsibility of the inspector should the BOP fail?
- In the absence of an inspector, what plan does IDNR have to provide follow-up to determine whether the BOP was successfully tested?

Section 12, Page 2 & Page 3: "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 ensure that inspectors are present at all testings of well casings?
- Will the identity of the inspector be committed to public record and what is the responsibility of the inspector should the testing fail?
- Will the identity of the inspector be committed to public record and what is the responsibility of the inspector should the well fail at a later date?

· In the absence of an inspector, what plan does IDNR have to provide follow-up to determine whether the setting and cementing of the casing were successfully completed?

Thank you for your time in reading this. Have a blessed day!

I look forward to receiving your reply to these important questions before such a time as the permit is approved by the IDNR.

Sincerely,

Mr. Reverend Matthew Stolz



Brown, Ronda

From: Food & Water Watch <act@fwwatch.org> on behalf of Cynthia Stoner <act@fwwatch.org>
Sent: Monday, June 19, 2017 9:49 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,

Miss Cynthia Stoner



Brown, Ronda

From: Food & Water Watch <act@fwwatch.org> on behalf of Dorothy Stoner <act@fwwatch.org>
Sent: Monday, June 19, 2017 4:55 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. Dorothy Stoner



Brown, Ronda

From: Dorothy Stoner [REDACTED] Sent You a Personal Message
<automail@knowwho.com>
Sent: Saturday, June 24, 2017 4:59 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.
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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,

Dorothy Stoner
[REDACTED]

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

Brown, Ronda

From: Food & Water Watch <act@fwwatch.org> on behalf of Holly Stotelmyer <act@fwwatch.org>
Sent: Thursday, June 22, 2017 5:46 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. Holly Stotelmyer



Brown, Ronda

From: Paige Stover [REDACTED] Sent You a Personal Message <automail@knowwho.com>
Sent: Tuesday, June 27, 2017 12:12 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,

Paige Stover
[REDACTED]

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

Brown, Ronda

From: Olivia Stovicek <info@actionnetwork.org>
Sent: Friday, June 23, 2017 3:05 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). Fracking should not be allowed in Illinois.

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.

Olivia Stovicek

[Redacted signature block]

Brown, Ronda

From: Food & Water Watch <act@fwwatch.org> on behalf of Marianne Stowers <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.

Also I understand that fracking in Oklahoma has caused a great increase in earthquakes. Since Illinois is already subject to earthquakes I don't want anything that will increase that chance to be done.

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. Marianne Stowers

A large black rectangular redaction box covering the signature area of the letter.

Brown, Ronda

From: Food & Water Watch <act@fwwatch.org> on behalf of Paul Stretch <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.

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. Paul Stretch



Brown, Ronda

From: M J Strimbu [REDACTED] Sent You a Personal Message <automail@knowwho.com>
Sent: Friday, June 23, 2017 10:42 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,

M J Strimbu
[REDACTED]

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

Brown, Ronda

From: Sara Strom [REDACTED] Sent You a Personal Message <automail@knowwho.com>
Sent: Saturday, June 24, 2017 8:31 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.

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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,

Sara Strom
[REDACTED]

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

Brown, Ronda

From: Joyce Strombeck [REDACTED] Sent You a Personal Message
<automail@knowwho.com>
Sent: Friday, June 23, 2017 3:19 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.

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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,

Joyce Strombeck
[REDACTED]

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

Brown, Ronda

From: Food & Water Watch <act@fwwatch.org> on behalf of Laura Strong <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,

Dr. Laura Strong



Brown, Ronda

From: Laura Strong [REDACTED]
Sent: Monday, June 26, 2017 5:07 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.

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. 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.

Laura Strong
[REDACTED]

Brown, Ronda

From: Laura Strong [REDACTED] Sent You a Personal Message <automail@knowwho.com>
Sent: Friday, June 23, 2017 6:18 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,

Laura Strong
[REDACTED]

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

Brown, Ronda

From: Food & Water Watch <act@fwwatch.org> on behalf of Adam Strohm <act@fwwatch.org>
Sent: Friday, June 30, 2017 4:20 PM
To: DNR.HFPublicComments
Subject: [External] Public Comment regarding HVHHF Review #:000001

Jun 30, 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. Adam Strohm



Brown, Ronda

From: Diane Stroz [REDACTED] Sent You a Personal Message <automail@knowwho.com>
Sent: Friday, June 23, 2017 6:23 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,

Diane Stroz
[REDACTED]

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

Brown, Ronda

From: James Strzelinski [REDACTED] Sent You a Personal Message <automail@knowwho.com>
Sent: Sunday, June 25, 2017 10:34 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.

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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,

James Strzelinski
[REDACTED]

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

Brown, Ronda

From: Deb Strzok [REDACTED] Sent You a Personal Message <automail@knowwho.com>
Sent: Saturday, June 24, 2017 5:02 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,

Deb Strzok
[REDACTED]

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

Brown, Ronda

From: Anthony Stuckey [REDACTED] Sent You a Personal Message
<automail@knowwho.com>
Sent: Monday, June 26, 2017 1:30 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,

Anthony Stuckey
[REDACTED]

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

Brown, Ronda

From: Marilyn Stuckey [REDACTED]
Sent: Friday, June 09, 2017 11:07 AM
To: DNR.HFPublicComments
Subject: [External] HVHHF-000001

Dear Public Servants:

I oppose the proposed hydraulic fracking operation(HVHHF-000001) for the following reasons:

1. Fracking destroys the local ecosystem in which it occurs.
2. Fracking presents a health risk to Illinois citizens.
3. Fracking increases our dependence on a NON-renewable energy source.
4. Fracking puts short-term profits of the few over long-term benefits to Illinois residents.

NO MORE FRACKING!!!!

Sincerely,

Marilyn K Stuckey, Ph.D.

Brown, Ronda

From: Food & Water Watch <act@fwwatch.org> on behalf of Richard Stuckey <act@fwwatch.org>
Sent: Sunday, July 09, 2017 11:50 AM
To: DNR.HFPublicComments
Subject: [External] Public Comment regarding HVHHF Review #:000001

Jul 9, 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.

We do not need more fossil fuels. Please leave them in the ground and devote your energies to creating renewable energy. That is the future.

Fossil fuels are destroying the planet and are particularly harmful to Illinois agriculture industry.

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. Richard Stuckey



Brown, Ronda

From: RICHARD STUCKEY [REDACTED]
Sent: Tuesday, June 27, 2017 4:27 PM
To: DNR.HFPublicComments
Subject: [External] HVHHF Review #: 000001

Dear IDNR,

This is a public comment that I have written to ask that the IDNR respectfully not approve the permit for Woolsey Operating Company to perform High Volume Hydraulic Fracturing in Illinois or any future fracking permits.

High Volume Hydraulic Fracturing in general is a process that is extremely wasteful of water and leaves large pools of water that are contaminated and then deemed too expensive by the user to recover. Woolsey has given no indication about how they should conserve water in lines with Section 1-35(b)(10)(c) and Section 245.210(a)(10)(A)(iv) of the Hydraulic Fracturing Regulatory Act (HFRA). The contaminated water is often stored in unlined ponds temporarily and the water leaks into the ground, possibly contaminating wells and aquifers. It is also susceptible to overflows when heavy rain falls.

In addition, hydraulic fracturing increases the risk of earthquakes as has been documented by several scientists that will cause incidental damage to nearby communities with no remedy available for many, many years into the future. Waste water is frequently pumped into deep wells which may be many miles away from the location of the fracking well. Injection anywhere near the Madrid fault would be particularly dangerous.

The contamination of the water and the environment is inexcusable in the light of the fact that we now have alternative, renewable forms of energy that can supply the same needs without the damage and harm of hydraulic fracturing. To allow this wasteful, criminal process is to allow a deepening rift between humanity and their chances of survival in a biosphere that depends on us to protect it. Illinois should not be encouraging development of fossil fuels as they will inevitably result in accelerating climate change which brings on extremely dangerous and costly "natural disasters".

The fact that HVHHF has been approved by the IDNR in the State of Illinois is indeed a questionable matter. It appears that many members of the IDNR received significant money (several tens of thousands of dollars, if not hundreds of thousands of dollars) from oil and gas companies during the HVHHF review process. This is a conflict of interest. If it were not for these contributions from the oil and gas industry, the IDNR review process would probably have been fairer and more respectful to the views of the public, and the 30,000+ comments from the public during that review process. The IDNR should have realized that HVHHF should not be allowed in Illinois.

Woolsey Operating Company is no exception. I Wayne Woolsey, the president of Woolsey Operating Company, LLC, donated \$10,000 to Bruce Rauner on 7/09/2014. Without this frequent "greasing of the wheel", the IDNR should have realized that HVHHF, and indeed all hydraulic fracturing processes, are extremely damaging and harmful to the environment, the water supply, and to the surrounding communities.

HVHHF is only profitable to a few rich men and women, some landowners who are selling their responsibilities for their land, and an anachronistic fossil fuel industry that needs to retire before it is too late and we are faced with global warming that cannot be dealt with.

Let us now turn back from this harmful process and give a clear message to Illinois that the IDNR, the department of natural resources, is now committed to preserving our natural resources, not selling them to the highest bidder.

Thank you for considering my comment,

Richard Stuckey
[REDACTED]

Brown, Ronda

From: Richard Stuckey [REDACTED] Sent You a Personal Message <automail@knowwho.com>
Sent: Wednesday, June 28, 2017 9:37 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.

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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,

Richard Stuckey
[REDACTED]

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

Brown, Ronda

From: Alice and Bill Studzinski [REDACTED] Sent You a Personal Message
<automail@knowwho.com>
Sent: Friday, June 23, 2017 4:19 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.

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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,

Alice and Bill Studzinski
[REDACTED]

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

Brown, Ronda

From: Food & Water Watch <act@fwwatch.org> on behalf of Marjorie Stueckemann <act@fwwatch.org>
Sent: Sunday, June 18, 2017 12:52 PM
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,

Mrs. Marjorie Stueckemann



Brown, Ronda

From: Food & Water Watch <act@fwwatch.org> on behalf of K H Stuedemann <act@fwwatch.org>
Sent: Saturday, June 17, 2017 4:44 PM
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,

Dr. K H Stuedemann



Brown, Ronda

From: Food & Water Watch <act@fwwatch.org> on behalf of James Stuhlmacher <act@fwwatch.org>
Sent: Friday, June 16, 2017 12:48 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,

Mr. James Stuhlmacher



Brown, Ronda

From: Jim Stuhlmacher [REDACTED] Sent You a Personal Message <automail@knowwho.com>
Sent: Friday, June 23, 2017 4:23 PM
To: DNR.HFPublicComments
Subject: [External] Review Number HVHHF-000001

Dear Illinois Department of Natural Resources,

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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 Stuhlmacher
[REDACTED]

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

Brown, Ronda

From: Lynette Stuhlmacher [REDACTED] Sent You a Personal Message
<automail@knowwho.com>
Sent: Saturday, June 24, 2017 7:55 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,

Lynette Stuhlmacher
[REDACTED]

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

Brown, Ronda

From: Food & Water Watch <act@fwwatch.org> on behalf of Tom Stukel <act@fwwatch.org>
Sent: Friday, June 16, 2017 12:48 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,

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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. Tom Stukel



Brown, Ronda

From: Tom Stukel [REDACTED] Sent You a Personal Message <automail@knowwho.com>
Sent: Friday, June 23, 2017 4:38 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,

Tom Stukel
[REDACTED]

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

Brown, Ronda

From: Food & Water Watch <act@fwwatch.org> on behalf of Jen Sturgeon <act@fwwatch.org>
Sent: Friday, June 16, 2017 11:42 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.

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. Jen Sturgeon



Brown, Ronda

From: Food & Water Watch <act@fwwatch.org> on behalf of Valeria Stutz <act@fwwatch.org>
Sent: Thursday, June 22, 2017 6:16 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. Valeria Stutz



Brown, Ronda

From: Laura Stypka [REDACTED] Sent You a Personal Message <automail@knowwho.com>
Sent: Friday, June 23, 2017 3:54 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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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,

Laura Stypka
[REDACTED]

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

Brown, Ronda

From: Varut Subchareon [REDACTED] Sent You a Personal Message
<automail@knowwho.com>
Sent: Monday, June 26, 2017 6:50 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,

Varut Subchareon
[REDACTED]

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

Brown, Ronda

From: B Sullivan [REDACTED] Sent You a Personal Message <automail@knowwho.com>
Sent: Sunday, June 25, 2017 2:58 PM
To: DNR.HFPublicComments
Subject: [External] Review Number HVHHF-000001

Follow Up Flag: Follow up
Flag Status: Completed

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,

B Sullivan
[REDACTED]

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

Brown, Ronda

From: Food & Water Watch <act@fwwatch.org> on behalf of Barbara Sullivan <act@fwwatch.org>
Sent: Saturday, June 17, 2017 8:43 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).

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. Barbara Sullivan



Brown, Ronda

From: Food & Water Watch <act@fwwatch.org> on behalf of John & Barbara Sullivan <act@fwwatch.org>
Sent: Saturday, June 17, 2017 3:13 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).

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. John & Barbara Sullivan



Brown, Ronda

From: Food & Water Watch <act@fwwatch.org> on behalf of Linda Sullivan <act@fwwatch.org>
Sent: Friday, June 16, 2017 1:18 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.

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. Linda Sullivan



Brown, Ronda

From: Sharon Sullivan [REDACTED] Sent You a Personal Message <automail@knowwho.com>
Sent: Friday, June 23, 2017 4:53 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,

Sharon Sullivan
[REDACTED]

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

Brown, Ronda

From: Sherry Sullivan [REDACTED]
Sent: Thursday, July 27, 2017 6:44 PM
To: DNR.HFPublicComments
Subject: [External] HVHHF-000001 comment

PUBLIC COMMENTS FOR IDNR REVIEW NUMBER HVHHF #000001

TO: Illinois Department of Natural Resources
Attention: Oil and Gas Regulatory Staff
One Natural Resources Way
Springfield, IL 62702

Comments in this document are focused on concerns I have about Woolsey Operating Company LLC's application for a permit to begin HVHHF in Illinois. I would also like to state that I have endorsed and added my voice to comments submitted by Southern Illinoisans Against Fracturing our Environment (SAFE), Illinois Green Party, Food & Water Watch, the Sierra Club, Natural Resources Defense Council, and Illinois People's Action.. I am in agreement with their concerns and comments as well.

MY comments concern the following:

1) Contamination of Fresh Water Sources

The EPA has concluded that oil and gas operations have contaminated water supplies where HVHHF has been allowed. The risk of contaminating fresh water sources of Southern Illinois, which are tantamount to our public health, outweighs any benefits of production from this well. Decontamination of polluted water sources can take years to correct. In the meantime, our health and safety are compromised.

https://www.epa.gov/sites/production/files/201612/documents/hfdwa_executive_summary.pdf

The High Volume Fracking Regulatory Act requires reference to the Illinois State Geological Survey with regard to a proposed drilling. This is critical information needed to insure that freshwater will not be contaminated. **Mr. Woolsey has failed to provide this information.** He is in violation of the Regulatory Act if he proceeds. How can we be sure the well he is drilling will not impact fresh water sources? **Woolsey's application does not state whether or not there are preexisting fractures in any of the layers in the relevant locations.** Preexisting fractures would affect the pressures required for additional fracturing, and preexisting fractures could serve as pathways for the migration of fracking fluids into fresh water sources.

No information is available in this application 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). **Woolsey's application completely fails to satisfy this safeguard.**

2) Flow Back Water (Produced Water) Storage

In addition, fresh water source contamination has been proven to be affected by inadequate storage of flow back water, also known as "produced water." Produced water is usually re-injected into deep disposal wells or treated for reuse. In Section 12 of Woolsey's Supplemental Comments, **Casing & Cementing Plan**, they state: "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." **I am concerned with cuts in funds to IDNR by our state legislators and current budget crisis, that an IDNR inspector will actually be able to make this inspection. How will this inspection be documented? Will the results be made public knowledge?**

Additionally, DNR's regulations (62 Ill. Adm. Code Sec. 245.210(d)) require extra precautions to protect the components in the HVHHF operations plans for fluids and flowback, well site safety, containment, and casing and cementing, when the proposed well is within or very near an area identified by U.S. Geological Service models as having

a 2% or more probability of exceedance (in 50 years) of peak ground acceleration of 0.4 standard gravity (g) or more. **I do not find that Mr. Woolsey's application meets this standard.**


3) Wabash Valley Seismic Zone and New Madrid Fault Zone Proximity

A very large concern of mine is that this proposed well is located within the Wabash Valley Seismic Zone and is within the impact zone of the New Madrid Fault Zone. For IDNR to allow an HVHHF operation and related wells for the disposal of wastewater in this area increases the risk of earthquakes and exposes local residents to additional risks. Woolsey Operating Co. LLC was involved in a blowout in Wayne County while the company was fracking a well, and two workers were injured. This company should not be allowed to conduct HVHHF operations in this state. Allowing these wells to be drilled in this area by an out-of-state company with already a poor safety record is reckless and unfair to the residents of this part of the state that will have to endure the repercussions of a catastrophic man-made disaster that could be avoided. **Allowing HVHHF in these seismic zones does not fulfill the mission of IDNR to protect Illinois' natural resources and the public health and safety of its citizens.**

In conclusion, much has been learned by the scientific community about HVHHF in the years since the High Volume Fracking Regulatory Act was passed in Illinois. We know much more about the dangers and consequences that result from HVHHF. I have personally heard stories from families affected by this industry and they are not good stories. People have lost the value of their homes, lost their health in some cases, and importantly to me the peace and tranquility they once enjoyed. **Why would we want to bring such misery upon our citizens?** Fracking needs to be banned in Illinois as it has been in other states and other countries of the world. The fossil fuel industry is in its death spiral. Let's look to the future and build a green economy in Illinois that we can be proud to say "does no harm to the people or the environment". Renewable energy is our future, not fracking for arcane fossil fuels! Let's embrace that future instead of allowing a company from out of state to destroy ours and leave us with a mess we may not be able to ever clean up.

I remind you once again of your sworn duty to protect Illinois' natural resources and our public health and safety. I urge you to deny Woolsey Operating Company LLC's well permit application (HVHHF-000001).

Thank you for your consideration.

Sincerely,
Sherry E. Sullivan, Ph.D.


Brown, Ronda

From: Food & Water Watch <act@fwwatch.org> on behalf of Susan Sullivan <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,

Ms. Susan Sullivan



Brown, Ronda

From: Lela Summers [REDACTED] Sent You a Personal Message <automail@knowwho.com>
Sent: Friday, June 23, 2017 5:05 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.

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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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,

Lela Summers
[REDACTED]

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

Brown, Ronda

From: William Summers [REDACTED] Sent You a Personal Message
<automail@knowwho.com>
Sent: Saturday, June 24, 2017 6:20 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,

William Summers
[REDACTED]

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

Brown, Ronda

From: Patricia Sumrak [REDACTED] Sent You a Personal Message <automail@knowwho.com>
Sent: Friday, June 23, 2017 2:57 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,

Patricia Sumrak
[REDACTED]

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

Brown, Ronda

From: Food & Water Watch <act@fwwatch.org> on behalf of Koren Sumser <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.

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. Koren Sumser



Brown, Ronda

From: Kori Sumser [REDACTED] Sent You a Personal Message <automail@knowwho.com>
Sent: Friday, June 23, 2017 2:44 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.

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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,

Kori Sumser
[REDACTED]

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

Brown, Ronda

From: Kaleb Sutherland <info@actionnetwork.org>
Sent: Friday, June 23, 2017 2:32 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.

Kaleb Sutherland

[REDACTED]

[REDACTED]

[REDACTED]

Brown, Ronda

From: Food & Water Watch <act@fwwatch.org> on behalf of Rick Sutkus <act@fwwatch.org>
Sent: Monday, June 19, 2017 3:55 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,

Mr. Rick Sutkus



Brown, Ronda

From: Eileen Sutter [REDACTED]
Sent: Thursday, July 27, 2017 4:40 PM
To: DNR.HFPublicComments
Subject: [External] Review Number (HVHHF-000001)

This e-mail is in reference to Review Number (HVHHF-000001). I am opposed to this application and to fracking in Illinois. Fracking has polluted farmlands and water throughout our country. In Texas alone, there are farmers who can't grow crops. Their cattle are dying off, and towns need to buy bottled water because their water is contaminated from the chemicals used from fracking. There is an increase of earthquakes and sinkholes in areas that have been ill informed of the dangers of fracking. There is evidence that fracking contributes to both toxic air and water pollution in nearby communities. The methane leakage produced by fracking is a significant contributor to climate change.

We can live without oil, humanity will not survive without water.

1. In general the Woolsey application is woefully lacking in data and information required by the General Assembly and the IDNR to protect public health and the environment.
2. From the information that IS provided, a number of concerns arise, including but not limited to: Exceptionally large water withdrawals from groundwater resources are proposed that are very susceptible to depletion, and failure to recycle water or otherwise minimize water consumption. Significant underestimation of flowback volumes, and inadequate containment facilities for even that amount of flowback and other chemicals/wastes that the application does estimate. Concealment of information on hazardous fracking chemicals without attempting to demonstrate entitlement to trade secret protection. Inadequate insurance, with insurance that excludes the very types of damages to private landowners' property that should be protected . Failure to preserve topsoil and an inadequate storm water management plan • Deficient surface and groundwater sampling
3. The Compendium of Scientific, Medical and Media Findings Demonstrating the Risks and Harms of Fracking, 4th Edition, now contains 924 citations on the risks and harms of fracking. 692 of those findings have been published since the passage of the Illinois Hydraulic Fracturing Regulatory Act on 6/17/13. The Woolsey application fails to address the new findings and, on that basis alone, it should not be granted a fracking permit in the state of Illinois.

Regards, Mary Sutter

[REDACTED], zip code: [REDACTED]

Brown, Ronda

From: Food & Water Watch <act@fwwatch.org> on behalf of Shirley Sutter <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,

Ms. Shirley Sutter



Brown, Ronda

From: Shirley Sutter [REDACTED] Sent You a Personal Message
<automail@knowwho.com>
Sent: Friday, June 23, 2017 2:37 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,

Shirley Sutter
[REDACTED]

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

Brown, Ronda

From: Food & Water Watch <act@fwwatch.org> on behalf of Katherine Sutton <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.

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. Katherine Sutton



Brown, Ronda

From: Katherine Sutton [REDACTED] Sent You a Personal Message <automail@knowwho.com>
Sent: Friday, June 23, 2017 6:31 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.
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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,

Katherine Sutton
[REDACTED]

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

Brown, Ronda

From: Food & Water Watch <act@fwwatch.org> on behalf of J Swanson <act@fwwatch.org>
Sent: Friday, June 16, 2017 1:48 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,

Are you kidding me!!!! This is the worst thing for people, the environment, water, health, you name it. This is a bunch of crap!!!!
. All it's prove n is just how bad it's been. You are beyond insane if you even consider this.

So 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. J Swanson

A large black rectangular redaction box covering the signature area.

Brown, Ronda

From: Jerry Swanson [REDACTED] Sent You a Personal Message
<automail@knowwho.com>
Sent: Friday, June 23, 2017 8:35 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 ovllinois 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,

Jerry Swanson
[REDACTED]

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

Brown, Ronda

From: Food & Water Watch <act@fwwatch.org> on behalf of Joanne Swanson <act@fwwatch.org>
Sent: Sunday, June 18, 2017 1:53 PM
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,

Please protect Illinois' natural resources and residents' public health and safety by denying Woolsey Operating Company LLC's well permit application (HVHHF Review #: 000001).

Do not let a company make a profit from damaging our environment. Look at the numerous earthquakes in Oklahoma after they allowed fracking.

Studies show that the practice of hydraulic fracturing pollutes our air, water and soil with toxic, carcinogenic and radioactive materials.

Let companies make money off solar and wind power.

Fracked wells leak. Even without any severe accident (such as the Woolsey well explosion in Fairfield in 2014), air samples, water tests and infrared footage show this. 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. Joanne Swanson



Brown, Ronda

From: Mary [REDACTED]
Sent: Wednesday, July 26, 2017 12:01 PM
To: DNR.HFPublicComments
Subject: [External] PUBLIC COMMENTS FOR IDNR REVIEW NUMBER HVHHF #000001

TO: Illinois Department Of Natural Resources
Attention: Oil and Gas Regulatory Staff
One Natural Resources Way
Springfield, IL 62702

TO WHOM IT MAY CONCERN

I would like the State of Illinois to REJECT the application by Woolsey Operating Company LLC for a high-volume horizontal hydraulic fracturing permit in Illinois for the following reasons: fracking has been shown to be responsible for the pollution of water resources, air pollution, noise pollution, increased earthquake danger (principally from waste disposal in injection wells), stresses to the infrastructure (particularly county roads), negative impacts on public safety and quality of life. Fracking has also been shown to create high levels of radioactive waste, which Woolsey has not adequately addressed in its permit request.

Thank you for your attention in this important matter.

Sincerely,
Mary Swanson
[REDACTED]

Brown, Ronda

From: Robert Swanson [REDACTED] Sent You a Personal Message <automail@knowwho.com>
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.

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,

Robert Swanson
[REDACTED]

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

Brown, Ronda

From: Food & Water Watch <act@fwwatch.org> on behalf of Jan Sward <act@fwwatch.org>
Sent: Friday, June 16, 2017 6:12 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. Jan Sward



Brown, Ronda

From: Kristina Swarner [REDACTED] Sent You a Personal Message
<automail@knowwho.com>
Sent: Friday, June 23, 2017 5:19 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,

Kristina Swarner
[REDACTED]

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

Brown, Ronda

From: Gerald Swarzman [REDACTED] Sent You a Personal Message <automail@knowwho.com>
Sent: Tuesday, June 27, 2017 8:51 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.
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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,

Gerald Swarzman
[REDACTED]

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

Brown, Ronda

From: Eileen Sweeney [REDACTED]
Sent: Thursday, July 27, 2017 11:56 AM
To: DNR.HFPublicComments
Subject: [External] Opposition to Review Number HVHHF-000001

Hello,

I am writing to express my strong opposition to the The Woolsey Operating Company's fracking permit request (Review Number HVHHF-000001).

Fracking is a dangerous method which can poison the water supply of surrounding communities. It creates unstable conditions which can lead to tremors. It uses staggering amounts of water. In other words, fracking ruins the environment, is a danger to the people that live in the area and wastes one of our most precious resources. Having just moved from California, I know what a water shortage looks like. That can happen anywhere if we manage our resources poorly.

You cannot put the people of Illinois at this much risk. Water will become toxic. People will get sick. Do not make a decision that makes that sort of disaster possible.

No fracking in Illinois!!

Eileen Sweeney
[REDACTED]

Brown, Ronda

From: Eileen Sweeney [REDACTED] Sent You a Personal Message <automail@knowwho.com>
Sent: Monday, June 26, 2017 11:07 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.

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,

Eileen Sweeney
[REDACTED]

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

Brown, Ronda

From: Judith Sweetwood [REDACTED] Sent You a Personal Message
<automail@knowwho.com>
Sent: Saturday, June 24, 2017 8:02 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.

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,

Judith Sweetwood
[REDACTED]

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

Brown, Ronda

From: Willa Swenson-Lengyel [REDACTED]
Sent: Friday, June 23, 2017 2:12 PM
To: DNR.HFPublicComments
Subject: [External] Regarding HVHHF Review #:000001

Oil & Gas Regulatory Staff,

I demand that you protect Illinois' natural resources and our public health and safety by denying Woolsey Operating Company LLC's well permit application.

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.

Willa Swenson-Lengyel
[REDACTED]
[REDACTED]
[REDACTED]

Brown, Ronda

From: James and Lauren Swindler [REDACTED] Sent You a Personal Message
<automail@knowwho.com>
Sent: Friday, June 23, 2017 9:18 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.
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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,

James and Lauren Swindler
[REDACTED]

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

Brown, Ronda

From: Food & Water Watch <act@fwwatch.org> on behalf of David Swofford <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.

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 Swofford



Brown, Ronda

From: David Swofford [REDACTED] Sent You a Personal Message
<automail@knowwho.com>
Sent: Friday, June 23, 2017 8:48 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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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,

David Swofford
[REDACTED]

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

Brown, Ronda

From: Food & Water Watch <act@fwwatch.org> on behalf of Laura Sychowski <act@fwwatch.org>
Sent: Saturday, June 17, 2017 9:43 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).

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. Laura Sychowski



Brown, Ronda

From: Natasha Syed [REDACTED] Sent You a Personal Message <automail@knowwho.com>
Sent: Wednesday, July 12, 2017 2:29 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.

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,

Natasha Syed
[REDACTED]

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

Brown, Ronda

From: Food & Water Watch <act@fwwatch.org> on behalf of liz szabo <act@fwwatch.org>
Sent: Friday, June 16, 2017 6:11 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,

Ms. liz szabo



Brown, Ronda

From: Food & Water Watch <act@fwwatch.org> on behalf of Ray Szumal <act@fwwatch.org>
Sent: Friday, June 16, 2017 4:41 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. Ray Szumal



Brown, Ronda

From: Raymond Szumal [REDACTED] Sent You a Personal Message <automail@knowwho.com>
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.

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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,

Raymond Szumal
[REDACTED]

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

Brown, Ronda

From: Food & Water Watch <act@fwwatch.org> on behalf of Ruth T. <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,

Ms. Ruth T.



Brown, Ronda

From: Vincent Tabor [REDACTED] Sent You a Personal Message <automail@knowwho.com>
Sent: Friday, June 23, 2017 10:08 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,

Vincent Tabor
[REDACTED]

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

Brown, Ronda

From: April Tackett [REDACTED] Sent You a Personal Message <automail@knowwho.com>
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.

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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,

April Tackett
[REDACTED]

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

Brown, Ronda

From: Food & Water Watch <act@fwwatch.org> on behalf of Melvin Taff <act@fwwatch.org>
Sent: Friday, June 16, 2017 3:41 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. Melvin Taff



Brown, Ronda

From: Food & Water Watch <act@fwwatch.org> on behalf of Michael Tambaro <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.

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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. Michael Tambaro



Brown, Ronda

From: Food & Water Watch <act@fwwatch.org> on behalf of Karen Tan <act@fwwatch.org>
Sent: Friday, June 16, 2017 8:42 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).

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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. Karen Tan



Brown, Ronda

From: Brenda Tarkowski [REDACTED] Sent You a Personal Message <automail@knowwho.com>
Sent: Saturday, June 24, 2017 11:11 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,

Brenda Tarkowski
[REDACTED]

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

Brown, Ronda

From: Jennifer Tarnoff [REDACTED] Sent You a Personal Message
<automail@knowwho.com>
Sent: Monday, July 03, 2017 11:11 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,

Jennifer Tarnoff
[REDACTED]

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

Brown, Ronda

From: Jennifer Tarnoff [REDACTED]
Sent: Thursday, July 27, 2017 10:07 PM
To: DNR.HFPublicComments
Subject: [External] Opposing Fracking in Illinois (Review Number: HVHHF-000001)

Hi,

My name is Jennifer Tarnoff and I am a concerned Illinois resident. I would like to make a public comment in opposition of fracking in Illinois (Review Number: HVHHF-000001)

There is evidence that fracking contributes to both toxic air and water pollution and the methane leakage produced by fracking is a significant contributor to climate change. I am deeply worried about how this will affect nearby communities. Please consider the health and wellbeing of Illinois citizens and do not allow fracking in our state.

Thank you,
Jennifer Tarnoff

Brown, Ronda

From: Laura Tate [REDACTED] Sent You a Personal Message <automail@knowwho.com>
Sent: Friday, June 23, 2017 8:09 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,

Laura Tate
[REDACTED]

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

Brown, Ronda

From: George A Tattersfield [REDACTED] Sent You a Personal Message
<automail@knowwho.com>
Sent: Friday, June 23, 2017 6:26 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,

George A Tattersfield
[REDACTED]

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

Brown, Ronda

From: Anne Taylor [REDACTED] Sent You a Personal Message <automail@knowwho.com>
Sent: Friday, June 23, 2017 3:23 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,

Anne Taylor
[REDACTED]

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

Brown, Ronda

From: Daryl Taylor [REDACTED] Sent You a Personal Message <automail@knowwho.com>
Sent: Friday, June 23, 2017 6:29 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.

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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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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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,

Daryl Taylor
[REDACTED]

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

Brown, Ronda

From: Dina Taylor [REDACTED] Sent You a Personal Message <automail@knowwho.com>
Sent: Saturday, June 24, 2017 6:39 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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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,

Dina Taylor
[REDACTED]

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

Brown, Ronda

From: Food & Water Watch <act@fwwatch.org> on behalf of Elizabeth B. Taylor <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,

Ms. Elizabeth B. Taylor



Brown, Ronda

From: Food & Water Watch <act@fwwatch.org> on behalf of Emily Taylor <act@fwwatch.org>
Sent: Thursday, June 22, 2017 2:46 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,

Me and my Family value our land, water and food. Please keep us in your thoughts when you decide on this matter. Illinois can make it without destroying our state. We need to bankrupt so we can start over. 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 Emily Taylor



Brown, Ronda

From: Food & Water Watch <act@fwwatch.org> on behalf of Kay Taylor <act@fwwatch.org>
Sent: Tuesday, June 20, 2017 6:50 AM
To: DNR.HFPublicComments
Subject: [External] Public Comment regarding HVHHF Review #:000001

Jun 20, 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. Kay Taylor



Brown, Ronda

From: Food & Water Watch <act@fwwatch.org> on behalf of Keane Taylor <act@fwwatch.org>
Sent: Friday, June 16, 2017 11:19 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. Keane Taylor



Brown, Ronda

From: Shannon Taylor [REDACTED] Sent You a Personal Message <automail@knowwho.com>
Sent: Friday, June 23, 2017 8:30 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,

Shannon Taylor
[REDACTED]

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

Brown, Ronda

From: Food & Water Watch <act@fwwatch.org> on behalf of Lisa Telomen <act@fwwatch.org>
Sent: Friday, June 16, 2017 2:18 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. Lisa Telomen



Brown, Ronda

From: Justina Tennikait [REDACTED] Sent You a Personal Message
<automail@knowwho.com>
Sent: Monday, June 26, 2017 9:09 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,

Justina Tennikait
[REDACTED]

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

Brown, Ronda

From: Kristin Tepas [REDACTED] Sent You a Personal Message <automail@knowwho.com>
Sent: Friday, June 23, 2017 5:17 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,

Kristin Tepas
[REDACTED]

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

Brown, Ronda

From: Jan Tervydis [REDACTED] Sent You a Personal Message <automail@knowwho.com>
Sent: Friday, June 23, 2017 11:15 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,

Jan Tervydis
[REDACTED]

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

Brown, Ronda

From: Jan Tervydis [REDACTED] Sent You a Personal Message <automail@knowwho.com>
Sent: Saturday, June 24, 2017 12:02 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.

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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,

Jan Tervydis
[REDACTED]

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

Brown, Ronda

From: Food & Water Watch <act@fwwatch.org> on behalf of Sandra Testore <act@fwwatch.org>
Sent: Friday, June 16, 2017 1:48 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. Sandra Testore



Brown, Ronda

From: First_illinois Last_illinois (test+illinois@sierraclub.org) Sent You a Personal Message <automail@knowwho.com>
Sent: Friday, June 23, 2017 2:22 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,

First_illinois Last_illinois
70 E Lake St
Chicago, IL 60601
test+illinois@sierraclub.org
(312) 251-1680

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

Brown, Ronda

From: Tom Teune [REDACTED] Sent You a Personal Message <automail@knowwho.com>
Sent: Friday, June 23, 2017 6:17 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,

Tom Teune
[REDACTED]

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

Brown, Ronda

From: Food & Water Watch <act@fwwatch.org> on behalf of Andrew Tham <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. Andrew Tham



Brown, Ronda

From: Reynold Tharp [REDACTED] Sent You a Personal Message
<automail@knowwho.com>
Sent: Friday, June 23, 2017 4:01 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,

Reynold Tharp
[REDACTED]

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

Brown, Ronda

From: Geri Theobald [REDACTED] Sent You a Personal Message <automail@knowwho.com>
Sent: Friday, June 23, 2017 9:26 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.

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,

Geri Theobald
[REDACTED]

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

Brown, Ronda

From: Marcie Thezan [REDACTED] Sent You a Personal Message <automail@knowwho.com>
Sent: Friday, June 23, 2017 3:06 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,

Marcie Thezan
[REDACTED]

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

Brown, Ronda

From: Biff Thiele [REDACTED] Sent You a Personal Message <automail@knowwho.com>
Sent: Friday, June 23, 2017 6:05 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.

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,

Biff Thiele
[REDACTED]

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

Brown, Ronda

From: Jennifer Thiermann [REDACTED] Sent You a Personal Message
<automail@knowwho.com>
Sent: Friday, June 23, 2017 4:19 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.

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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,

Jennifer Thiermann
[REDACTED]

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

Brown, Ronda

From: diane thodos [REDACTED]
Sent: Saturday, June 24, 2017 12:09 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.

diane thodos

[REDACTED]
[REDACTED]
[REDACTED]

Brown, Ronda

From: Elaine Thoennes [REDACTED] Sent You a Personal Message
<automail@knowwho.com>
Sent: Friday, June 23, 2017 10:16 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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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,

Elaine Thoennes
[REDACTED]

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

Brown, Ronda

From: Food & Water Watch <act@fwwatch.org> on behalf of Caren Thomas <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.

Enough is Enough!!! No more destroying the environment, water, land and air, to get the last drops of fossil fuels that shouldn't be burned to make money for people who refuse to pay taxes to support the infrastructure they use to callously extract resources.

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. Caren Thomas



Brown, Ronda

From: Carol Thomas [REDACTED] Sent You a Personal Message <automail@knowwho.com>
Sent: Friday, June 23, 2017 11:42 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,

Carol Thomas
[REDACTED]

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

Brown, Ronda

From: Doug Thomas [REDACTED] Sent You a Personal Message <automail@knowwho.com>
Sent: Friday, June 23, 2017 5:20 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,

Doug Thomas
[REDACTED]

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

Brown, Ronda

From: Evan Thomas [REDACTED] Sent You a Personal Message <automail@knowwho.com>
Sent: Friday, June 23, 2017 8:44 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,

Evan Thomas
[REDACTED]

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

Brown, Ronda

From: Jan thomas [REDACTED]
Sent: Thursday, July 27, 2017 5:20 PM
To: DNR.HFPublicComments
Subject: [External] IDNR Review Number HVHHF - 000001, Woolsey Operating Company, LLC

Illinois Department of Natural Resources

Attention: Oil & Gas Regulatory Staff

One Natural Resources Way

Springfield, IL 62702

Re: IDNR Review Number HVHHF – 000001, Woolsey Operating Co, LLC

I am writing to ask the IDNR to reject the above application for a permit to frack in Illinois.

A lot has been learned about the dangers of fracking since Illinois passed the Regulatory Act in 2013.

1. The EPA has acknowledged that fracking DOES contaminate water wells. According to Woolsey's application, they will use 7.5 million gallons of clean water to frack this ONE WELL. Not only is this a huge amount of water lost to human and agricultural uses, the application is deficient in establishing that barrier rock formations are adequate to contain this water from poisoning other potable water tables.

2. A substantial increase in earthquakes in Oklahoma and other places has been officially linked to the disposal of waste water into deep reinjection wells, according to the USGS. White County lies within the Wabash Earthquake zone, and is quite near to the New Madrid Fault as well. Not only does this put the citizens at risk from earthquakes, but it also increases the probability of well casing failures and resultant contamination of soil and water in case such earthquakes occur.

3. It has been confirmed that the shale layers under White County are unusually high in radioactive uranium and thorium. Illinois regulations require drilling companies to test for the presence of these radioactive materials in their produced water, but apparently there are no requirements about what must be done with it when it is found. Such waste isn't covered by any federal regulations either, so presumably the people will not be able to hold Woolsey

accountable when their soil and water are contaminated with radioactive toxins. Radon gas will also be produced, and it is not burned off in flaring. Being heavier than air, it will accumulate in low lying places, emitting cancer-causing particles.

This proposed well is located in the flood plain of the Wabash River. Spills are inevitable in this industry; over 3900 have already occurred, ranging from a few gallons to millions of gallons. Radioactive levels in the soil and water of North Dakota are hundreds of times above levels considered "safe" because of this. Any spills in White County will travel down the Wabash to the Ohio to the Mississippi. Toxic chemicals are bad enough, but radioactivity doesn't go away; these elements persist for thousands of years.

Beyond all this, Woolsey's application has serious deficiencies which were not adequately addressed, even in the corrections and additions requested by IDNR. I am concerned that if this application is allowed to go forward with such errors and deficiencies, it will open the flood gates to other companies wishing to frack in Illinois, and they will be treated with the same leniency. Because of Illinois' disastrous financial condition, the IDNR has lost funding for adequate inspection of these potential wells, which will make the likelihood of problems even greater.

Please stand up for the people of Illinois and deny Woolsey Operating Company LLC's well permit application (HVHHF-000001). It is not in our best interest.

Most sincerely,

Jan Thomas

[REDACTED]

[REDACTED]



This email has been checked for viruses by Avast antivirus software.

www.avast.com

Brown, Ronda

From: Food & Water Watch <act@fwwatch.org> on behalf of Jan Thomas <act@fwwatch.org>
Sent: Tuesday, June 20, 2017 7:26 AM
To: DNR.HFPublicComments
Subject: [External] Public Comment regarding HVHHF Review #:000001

Jun 20, 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. Jan Thomas



Brown, Ronda

From: Kathleen Thomas [REDACTED] Sent You a Personal Message
<automail@knowwho.com>
Sent: Friday, June 23, 2017 7:27 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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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,

Kathleen Thomas
[REDACTED]

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

Brown, Ronda

From: Kevin Thomas [REDACTED]
Sent: Wednesday, June 28, 2017 4:21 PM
To: DNR.HFPublicComments
Subject: [External] Review Number (HVHHF-000001)

To Whom It May Concern

I have concerns and object to any fracking in Illinois based on the following.

1. In general, the Woolsey application is woefully lacking in data and information required by the General Assembly and the IDNR to protect public health and the environment. 2. From the information that IS provided, a number of concerns arise, including but not limited to: • Exceptionally large water withdrawals from groundwater resources are proposed that are very susceptible to depletion, and failure to recycle water or otherwise minimize water consumption. • Significant underestimation of flowback volumes, and inadequate containment facilities for even that amount of flowback and other chemicals/wastes that the application does estimate. • Concealment of information on hazardous fracking chemicals without attempting to demonstrate entitlement to trade secret protection. • Inadequate insurance, with insurance that excludes the very types of damages to private landowners' property that should be protected • Failure to preserve topsoil and an inadequate storm water management plan • Deficient surface and groundwater sampling 3. The Compendium of Scientific, Medical and Media Findings Demonstrating the Risks and Harms of Fracking, 4th Edition, now contains 924 citations on the risks and harms of fracking. 692 of those findings have been published since the passage of the Illinois Hydraulic Fracturing Regulatory Act on 6/17/13. The Woolsey application fails to address the new findings and, on that basis alone, it should not be granted a fracking permit in the state of Illinois.

Thank You

Kevin Jon Thomas

Brown, Ronda

From: Food & Water Watch <act@fwwatch.org> on behalf of Margaret Thomas <act@fwwatch.org>
Sent: Friday, June 23, 2017 9:49 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. Margaret Thomas



Brown, Ronda

From: Food & Water Watch <act@fwwatch.org> on behalf of Rebecca Thomas <act@fwwatch.org>
Sent: Friday, June 16, 2017 9:42 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).

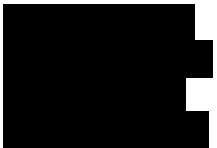
Hundreds of studies have shown that the practice of hydraulic fracturing pollutes our air, water and soil with toxic, carcinogenic and radioactive materials.

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.

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. Rebecca Thomas



Brown, Ronda

From: Food & Water Watch <act@fwwatch.org> on behalf of Pauline Thomas-Brown <act@fwwatch.org>
Sent: Monday, June 19, 2017 4:19 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,

Ms. Pauline Thomas-Brown



Brown, Ronda

From: Alice Thompson [REDACTED]
Sent: Friday, July 28, 2017 11:50 AM
To: DNR.HFPublicComments
Subject: [External] HVHHF #000002

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,

Alice Thompson

ONE Northside/Fair Economy Illinois
[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 HVHF 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 HVVHF 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 HVHF 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 define 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 HVHF 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 HVHFF 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 & HVHFF 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?

Brown, Ronda

From: Jill Thompson [REDACTED] Sent You a Personal Message <automail@knowwho.com>
Sent: Saturday, June 24, 2017 7:17 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.

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,

Jill Thompson
[REDACTED]

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

Brown, Ronda

From: Food & Water Watch <act@fwwatch.org> on behalf of Kimberly Thompson <act@fwwatch.org>
Sent: Sunday, June 25, 2017 7:51 AM
To: DNR.HFPublicComments
Subject: [External] Public Comment regarding HVHHF Review #:000001

Follow Up Flag: Follow up
Flag Status: Flagged

Jun 25, 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. Kimberly Thompson

A large black rectangular redaction box covering the signature area, obscuring the name and contact information of the sender.

Brown, Ronda

From: Margaret Thompson [REDACTED] Sent You a Personal Message
<automail@knowwho.com>
Sent: Monday, June 26, 2017 12:57 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 (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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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,

Margaret Thompson
[REDACTED]

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

Brown, Ronda

From: Mary Thompson [REDACTED] Sent You a Personal Message <automail@knowwho.com>
Sent: Friday, June 23, 2017 6:16 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,

Mary Thompson
[REDACTED]

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

Brown, Ronda

From: Food & Water Watch <act@fwwatch.org> on behalf of Scott Thompson <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. Scott Thompson



Brown, Ronda

From: Scott Thornburton [REDACTED] Sent You a Personal Message
<automail@knowwho.com>
Sent: Friday, June 23, 2017 2:54 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,

Scott Thornburton
[REDACTED]

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

Brown, Ronda

From: Food & Water Watch <act@fwwatch.org> on behalf of Heidi Thorp <act@fwwatch.org>
Sent: Friday, June 23, 2017 11:49 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,

Please protect for future generations Illinois' natural resources.
Protect our public health and safety by denying Woolsey Operating Company LLC's well permit application (HVHHF Review #: 000001).

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

There has been confirmation by the U.S. government that the fracking process causes earthquakes. This is harmful to residents living in close proximity to a fracking well. The list of fracking's deadly byproducts is growing longer and more troubling. There is too big a risk to our health and welfare to permit any of these activities in our state.

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. Heidi Thorp



Brown, Ronda

From: Lori Thuente [REDACTED] Sent You a Personal Message <automail@knowwho.com>
Sent: Wednesday, July 26, 2017 5:58 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.

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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,

Lori Thuente
[REDACTED]

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

Brown, Ronda

From: Hans Thummel [REDACTED] Sent You a Personal Message <automail@knowwho.com>
Sent: Friday, June 23, 2017 11:07 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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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,

Hans Thummel
[REDACTED]

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

Brown, Ronda

From: Braze Thundersmith [REDACTED]
Sent: Tuesday, June 27, 2017 10:00 AM
To: DNR.HFPublicComments
Subject: [External] Re: permit # HVHHF000001

Follow Up Flag: Follow up
Flag Status: Completed

Re: permit # HVHHF000001

Dear Madame and Sirs of IDNR,

I am submitting my comment on the Woolsey high volume horizontal fracking permit cited in the subject line of this email.

I personally am aghast of the broad violation of American and Illinois state constitutional law represented by the approval of this permit. While I believe strongly in a property owners right to do with a property as they will pursuant to life liberty and happiness as guaranteed by the United States bill of rights, I also believe there are many resources dubbed as "commonwealth" assets because due to their nature are transient and fluid, and whose well being also represent a legacy for our future generations as is our duty to our children. The practice of fracking has been proven over and again to contaminate water and earth, and contributing greatly to the decline of our atmosphere due to volitle emissions and methane releases in the drilling process. this is a resource that we all share and no one person or person should have the right to endanger those resources for the sole gain of personal profit at the expense of the collective commonwealth and the legacy of our environment. Section 13 of the Illinois state constitution provides as a RIGHT TO EVERY CITIZEN A HEALTHY ENVIRONMENT, this provision of the state constitution is massively violated when lawmakers did instruct a regulatory agency's to regulate a process which can not be made safe. I submit to the IDNR an construct by wich a vulture capitalist such as Wayne Woolsey seeks to lay waste to an environment for the sole motivator being personal profit, having no liabilities or paths to

reclamation of damages or a clear path to justice after the damage is done. I submit as one off many examples of this injustice the fact that there are thousands of possible chemicals, including radioactive components injected into the well, yet the industry will not disclose what those chemicals are citing industry secrets. The people have a right to know what these agents are for if no other reason scrutiny in the safety of those materials. Those chemical agents have the freedom to migrate according to an unpredictable manner, into other private property causing harm, whose owners did not benefit in any way from the commerce associated with the fracking operation, yet those same owners are documented to loose livestock, crops, and be endangered in their own human health. This is a massive violation of those rights whose safety and well being is harmed and is the responsibility of the regulatory agency (IDNR, E.G YOU READING THIS) and to wich duty to protect is being failed by simply passing the buck and citing the fact that the lawmakers instructed IDNR to regulate into safety a process over and over again has been proven to endanger public safety and can not, with the exception of complete denial of the permit, be made safe.

I therefore implore you, speaking on behalf of the commonwealth of the citizens of Illinois to discharge your duty of protection by denying this permit application. Pursuant to the constitution of Illinois and the constitution of the United States, the highest law of the land and our guiding documents to protect people including children, livestock and agriculture, which is the not only the backbone of our economy but the very basis of human survival, the water wich by definition of law belongs to everyone, and can not be owned by one person or contained forever on one property, the atmosphere wich is so fragile, and so thin, barely a mile thick and keeping this planet living, and the land for wich we depend on so greatly for all aspects of human health and to which we leave to our children and to whom we owe a great planet to inherit. Allowing this permit will invite a great cancer into our great state and provide the legacy of destruction to sweep across our beautiful homeland and to desecrate the legacy of our ancestors who sacrificed to much to leave this green earth in our care

So after years of constructive input, the people of southern Illinois having made their voice so clear, that we love our land and our homes and our children, and very clearly do not want the fracking process to endanger what we hold dear, the lawmakers have turned a deaf ear to common sense and sold out to the billionaire class. Our regulatory agency (IDNR) then is thrust between a rock and a hard place. Ultimately regulatory agency's first duty is to provide protection for

that which they are bound to protect, and if the legislature instructs you to violate your first duty as a matter of duty then your first duty is to protect the land and its people from the legislature. If IDNR fails in this duty there will be a physical resistance to blockade and protect the land from this threat as it is our first duty to the earth and our children to do so. I pray that you will find the strength and courage to uphold your duty so that the citizens of Illinois do not have to endanger their own lives to the duty that should have started with the lawmakers. We will resist with the last fiber of our being to protect our land if you fail in this charge.

I beg on blended knee that this not become the situation.

sincerely
Braze T. Smith

address on file as I testified in person at the Decatur hearing in round two of the rules process.

Brown, Ronda

From: Food & Water Watch <act@fwwatch.org> on behalf of Katherine Thurer <act@fwwatch.org>
Sent: Friday, June 16, 2017 1:18 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.

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. Katherine Thurer



Brown, Ronda

From: Food & Water Watch <act@fwwatch.org> on behalf of Rebecca Thurman <act@fwwatch.org>
Sent: Sunday, June 18, 2017 6:52 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,

Mrs. Rebecca Thurman

A large black rectangular redaction box covering the signature and any contact information that might have been present.

Brown, Ronda

From: Food & Water Watch <act@fwwatch.org> on behalf of Lisa Tiedeman <act@fwwatch.org>
Sent: Wednesday, July 26, 2017 3:57 PM
To: DNR.HFPublicComments
Subject: [External] Public Comment regarding HVHHF Review #:000001

Jul 26, 2017

Illinois Department of Natural Resources Illinois Department of Natural Resources IL

Dear Illinois Department of Natural Resources,

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

COMMENTS on HVHHF #000001: Supplemental Application Information

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?

Section 09: Water Source Management Plan

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

Comment:

Woolsey inadequately reports their plans and even intentions to monitor the volume of flowback water following injection to ensure that fugitive effluent is accounted for. Woolsey also inadequately represents the basis of their assumptions for necessary volume of flowback water storage.

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

Comment:

The threshold of feasibility is not defined, making it impossible for IDNR to determine whether methods for water withdrawal minimization were adequate or even considered by the applicant.

The Water Source Management Plan proposes to use a total of 7,500,000 gallons of local groundwater in its treatment operations. This usage directly competes with and over 275,000 acres of private, agricultural operations and animal operations bringing over \$9 million in revenue to the county.

No justification is given by the Applicant for the extreme volume of water proposed for use or why it should not be deemed wasteful in violation of Illinois' reasonable use doctrine for groundwater withdrawals.

Failure to address the extreme volume of water necessary for operations and to specify what minimization methods were used to determine the feasibility of sustained water usage against vulnerable users in the region presents a failure of the Water Source Management Plans.

Section 12: Casing & Cementing Plan

Section 12, Page 2: "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 ensure that inspectors are present at all settings and cementings of well casings?
- Will the identity of the inspector be committed to public record and what is the responsibility of the inspector should the well fail at a later date?
- In the absence of an inspector, what plan does IDNR have to provide follow-up to determine whether the setting and cementing of the casing were successfully completed?

Section 12, Page 2: "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 ensure that inspectors are present for all said testing?
- Will the identity of the inspector be committed to public record and what is the responsibility of the inspector should the BOP fail?
- In the absence of an inspector, what plan does IDNR have to provide follow-up to determine whether the BOP was successfully tested?

Section 12, Page 2 & Page 3: "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 ensure that inspectors are present at all testings of well casings?
- Will the identity of the inspector be committed to public record and what is the responsibility of the inspector should the testing fail?
- Will the identity of the inspector be committed to public record and what is the responsibility of the inspector should the well fail at a later date?
- In the absence of an inspector, what plan does IDNR have to provide follow-up to determine whether the setting and cementing of the casing were successfully completed?

I look forward to receiving your reply to these important questions before such a time as the permit is approved by the IDNR.

Sincerely,

Mrs. Lisa Tiedeman



Brown, Ronda

From: Food & Water Watch <act@fwwatch.org> on behalf of Elizabeth Tieri <act@fwwatch.org>
Sent: Monday, June 19, 2017 11:49 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. This is unnecessary and inexcusable.

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.

Please do not let this happen.

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 Elizabeth Tieri



Brown, Ronda

From: Peter Tijerina [REDACTED] Sent You a Personal Message <automail@knowwho.com>
Sent: Friday, June 23, 2017 6:12 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,

Peter Tijerina
[REDACTED]

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

Brown, Ronda

From: Gloria Tillis [REDACTED]
Sent: Monday, June 26, 2017 9:00 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.

Gloria Tillis
[REDACTED]
[REDACTED]
[REDACTED]

Brown, Ronda

From: Food & Water Watch <act@fwwatch.org> on behalf of carla tinberg <act@fwwatch.org>
Sent: Friday, June 16, 2017 3:41 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

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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. carla tinberg



Brown, Ronda

From: Deborah Tingleaf [REDACTED] Sent You a Personal Message <automail@knowwho.com>
Sent: Friday, June 23, 2017 10:06 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,

Deborah Tingleaf
[REDACTED]

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

Brown, Ronda

From: John Tinnon [REDACTED] Sent You a Personal Message <automail@knowwho.com>
Sent: Friday, June 23, 2017 3:53 PM
To: DNR.HFPublicComments
Subject: [External] Review Number HVHHF-000001

Dear Illinois Department of Natural Resources,

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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,

John Tinnon
[REDACTED]

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Brown, Ronda

From: Wendy Tinnon [REDACTED] Sent You a Personal Message
<automail@knowwho.com>
Sent: Friday, June 23, 2017 4:22 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,

Wendy Tinnon
[REDACTED]

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