1	PUBLIC HEARING
2	PROPOSED ADMINISTRATIVE RULES
3	FOR HYDRAULIC FRACTURING
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7	
8	Defence: Debent Welch Heaving Officer
9	Before: Robert Welch, Hearing Officer
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11	PUBLIC HEARING
12	Holiday Inn
13	1301 Avenue of Mid-America
14	Effingham, Illinois
15	6:30 p.m.
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17	
18	Barbara A. Glover: CSR #084-001223
19	
20	
21	Area Wide Reporting and Videoconferencing
22	301 W. White Street
23	Champaign, Illinois 61820
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1	Panel Members:	
2		
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4	Robert Mool:	IDNR Office of Legal Counsel
5	Ron Sullivan:	IDNR Office of Oil and Gas
6		Resource Management
7	Mitchell Cohen:	IDNR Director of the Office of
8		Oil and Gas Resources Management
9	Brendan Dailey:	IDNR Legislative Counsel
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1	I N D E X		
2			
3	Michael Quandt	13	
4	Richard Deibel	15	
5	Nancy Hediger	16	
6	Bob Yancey	18	
7	Girwana Baker	19,	91
8	Gene Krahl	22	
9	Tyler Rotche	26	
10	Kay Ahaus	29	
11	Dillon Amlin	33,	105
12	Stan Bratman	38	
13	Erin Carman-Sweeney	41,	94
14	Dominic Giafagleone	46	
15	Elmer Fugman	48,	98
16	Joyce Blumenshine	50	
17	Kelvin Ho	54,	99
18	Mike Ewing	59	
19	Gianna Chacon	60	
20	Joseph Knotts	63	
21	JoAnn Conrad	65,	93
22	Angel Sides	69	
23	Dan Niebrugge	73	
24	Thomas Graballski	74	

1	Mary Swanson	75	
2	Vito Mastrangelo	78	
3	Jessica Fujan	81	
4	Georgia de la Garza	85,	104
5	Brian Poelker	87	
6	Matthew Steffen	90	
7	Chris Oliver	96	
8	Tabitha Tripp	99	
9	Joe Bigard	107	
10			
11			
12			
13			
14			
15			
16			
17			
18			
19			
20			
21			
22			
23			
24			

- 1 HEARING OFFICER WELCH: Okay. Are we
- 2 ready to get started? Everybody here who is
- 3 going to be here? I hope everybody can hear me
- 4 okay.
- 5 Good evening. This is one of five
- 6 public comment hearings that's been held by DNR
- 7 or IDNR across the state.
- 8 My name is Bob Welch. I'm a hearing
- 9 officer for the Illinois Department of Natural
- 10 Resources, and I'm going to be moderator tonight
- 11 as far as this hearing is concerned. We're
- 12 meeting tonight, as you know, in regard to the
- 13 proposed administrative rules that relate to
- 14 Hydraulic Fracturing Regulatory Act.
- Before we get to the purpose and the
- 16 format of today's proceedings, I'm going to
- 17 introduce you to the people who are sitting up
- 18 here with me. On my immediate right is
- 19 Mr. Cohen, who is the Director of the Office of
- 20 Oil and Gas Resources Management with IDNR.
- Next to him is Robert Mool, who is an
- 22 attorney with IDNR, the Office of Legal Counsel.
- Next to him is Nick San Diego, who is
- 24 also in IDNR's Office of Legal Counsel.

- 1 Next to me here is my left-hand man,
- 2 Brendan Dailey. He's the IDNR legislative
- 3 counsel.
- 4 To the far left is Ron Sullivan, who
- 5 is a well inspector with the Office of Oil and
- 6 Gas Resource Management.
- 7 Now, as you all know, and that's why
- 8 you're here, I suppose, this summer the General
- 9 Assembly passed and the governor signed the new
- 10 Hydraulic Fracturing Regulatory Act. This Act
- 11 applies to all wells who are only high volume
- 12 horizontal hydraulic fracturing operations that
- 13 will occur in the state of Illinois.
- Now, the reason IDNR is involved is
- 15 because the Act gave IDNR the primary authority
- 16 to administer and enforce the provisions of the
- 17 Act. The Act further requires that the
- 18 Department adopt the rules as necessary to
- 19 accomplish the purposes of the Act.
- The administrative rule making
- 21 procedure is designed to allow interested parties
- 22 the opportunity to actively participate in the
- 23 rule making process through public comments at
- 24 these public hearings at which many diverse

- 1 opinions will be heard, I'm sure, are strongly
- 2 supported by IDNR in the spirit of openness and
- 3 transparency.
- 4 Now, the purpose of this public
- 5 hearing is to allow members of the public to
- 6 express their views and comments relating to the
- 7 proposed hydraulic fracturing administrative
- 8 rules which have been drafted in response to the
- 9 dictates of the Act, so IDNR has drafted rules.
- 10 They are proposed rules. They're just that.
- 11 They're drafts. They're not final.
- 12 The purpose of the hearing is for
- 13 comments and suggestions concerning those, so
- 14 many of you may be opposed to the idea of
- 15 hydraulic fracturing, and a lot of people
- 16 probably will want to express their opinions in
- 17 regard to that, but we're not here tonight to
- 18 discuss the merits or the lack of merits of
- 19 hydraulic fracturing.
- 20 That's something you should take up
- 21 with your representatives or with your senators,
- 22 because that's the state Act, and IDNR has no
- 23 control over and anything to do with the Act
- 24 itself, other than to try to implement it.

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We're here to hear your comments and
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- 2 suggestions in regards to the rules themselves
- 3 that have been proposed. Your input will assist
- 4 IDNR in adopting rules that assure that the
- 5 process is done in a manner that is
- 6 environmentally sound and consistent with the
- 7 law.
- Now, these gentlemen that are up here
- 9 with me are here to listen to your comments and
- 10 to make note of them. They will be taking notes,
- 11 and at the end of the hearing Mr. Cohen will --
- 12 if you want to hang around, Mr. Cohen will
- 13 summarize what we've heard as far as what the
- 14 individual ideas have been expressed as far as
- 15 which processes are most paramount in the minds
- 16 of the people here tonight.
- 17 Your input will assist IDNR in
- 18 adopting rules that assure that the process is
- 19 done in a manner environmentally sound.
- 20 Throughout the public comment period
- 21 IDNR will accept and upon consideration make
- 22 changes to proposed rules before filing for a
- 23 second notice.
- You can't see it from way in the back,

- 1 but there's a website where you can give public
- 2 comments, and I think you've been given handouts
- 3 with that website on there too.
- 4 Also, do you have a box tonight? We
- 5 have a box up here. If you don't want to talk,
- 6 you can leave a written comment in the box up
- 7 here, and, also, if you do talk and you have
- 8 something in writing, we would like you to put it
- 9 in the box too.
- 10 We anticipate -- IDNR fully
- 11 anticipates and expects changes to be made to the
- 12 rules as part of this process, and, as I said
- 13 earlier, these are just proposed rules. They're
- 14 not the final draft.
- Now, how this is going to go about
- 16 each of you -- those of you, at least that want
- 17 to speak, have filled out these papers, and one
- 18 of Brendan's jobs is to shuffle those, and he's
- 19 done that, and so when we call your name, it will
- 20 be by the luck of the draw.
- 21 We had some of you unhappy at our last
- 22 hearing because your name didn't get drawn. Like
- 23 I said, that was the luck of the draw.
- 24 Because of the number of people here

- 1 and the time limit, we're here for two hours, we
- 2 can't get everybody up here to speak. Like I
- 3 said, you're welcome to leave comments on the
- 4 internet and here in that box too.
- 5 So the comments are going to be
- 6 limited to four minutes, and please respect that
- 7 time, because every minute that you use beyond
- 8 the four minutes you're taking away from somebody
- 9 else, because we're going to adhere to the
- 10 two-hour period. Because I talked for about five
- 11 or ten minutes, we probably will go a little bit
- 12 beyond 6:30 to 8:30, so we'll probably go a
- 13 little bit beyond 8:30.
- 14 The way we're hoping to do it is I'm
- 15 going to call -- start out with I'm going to call
- 16 two names, and the first one will be up here at
- 17 the mic. The second one will sit here or you can
- 18 stand behind the speaker, whichever you want, and
- 19 then the idea is always to have somebody in the
- 20 on deck circle so we don't have to wait and sit
- 21 here while somebody from the back row is coming
- 22 up and waiting to hear from them, so when your
- 23 name is called, if you'll come on up and have a
- 24 seat right here in the front, it would speed

- 1 things up, because that way we can get more
- 2 speakers.
- I think I've pretty well covered it.
- 4 Let me make sure here.
- 5 Oh, yeah. I forgot one of Brendan's
- 6 chief duties. I knew he's here for a reason.
- When three minutes have gone by, he'll
- 8 hold up a sign saying you've got one minute left,
- 9 okay, and then when you've got 30 seconds left,
- 10 or thereabouts, I'll try to get your attention to
- 11 tell you that you're about done.
- 12 Please remember now that the sole
- 13 purpose of the hearing is to hear comments and
- 14 suggestions from the public in regard to the
- 15 proposed administrative regulations. This isn't
- 16 a question and answer session. These gentlemen
- 17 are not up here to answer questions. They're up
- 18 here to listen to, take notes.
- 19 Public comment means we're here to
- 20 hear comments from the public, obviously, and not
- 21 to make comments in response so please address
- 22 your statements or comments to the proposed
- 23 administrative regulations. Okay? All right.
- Now, I apologize in advance if I

- 1 mispronounce your name. I seem to have trouble
- 2 doing that.
- 3 When you come on up here if you would
- 4 please tell us your name and spell your last name
- 5 so the reporter can get it right. If you want to
- 6 mention if you're with a group and you want to
- 7 mention that group, that's fine. You can do that
- 8 too.
- 9 You'll have four minutes, and if you
- 10 have -- like I said, if you have written comments
- 11 or if you're reading something and you want to
- 12 leave it with us, you can put it in the box.
- So the first person who will be
- 14 standing at the mic is Mike, Mike Q-U --
- 15 Quandt -- is it? Q-u-a-r -- I don't know how you
- 16 spell that. Michael, come on up here. Don't be
- 17 shy. Come on down.
- 18 I'm going to call somebody else, and
- 19 then we can get started and then Richard -- are
- 20 you Mike?
- MR. QUANDT: Yes.
- 22 HEARING OFFICER WELCH: Mike, here's
- 23 the mic.
- 24 And then we have Richard Deibel. I

- 1 guess it's a D. Richard.
- 2 MR. DEIBEL: Yeah, I'm here.
- 3 HEARING OFFICER WELCH: Okay. All
- 4 right. Now, we're ready to go.
- 5 Would you state your name, please, and
- 6 spell that last name for us?
- 7 MR. QUANDT: Mike Quandt, Q-u-a-n-d-t,
- 8 from Clay County. My comments are not
- 9 environmentally driven, but the Act, in my
- 10 opinion, shall address the needs of local
- 11 governments for transportation integrity
- 12 protection.
- 13 The letter that I have prepared is To
- 14 Whom It May Concern: In regards to the Hydraulic
- 15 Fracturing Regulatory Act, Section 245.210, and
- 16 on behalf of Clay County, Illinois, I submit the
- 17 following request for incorporation to the Act.
- 18 A Road Repair and Maintenance
- 19 Agreement shall be executed between the applicant
- 20 and the impacted highway authorities, whether it
- 21 be county, township, road district system, and
- 22 municipal street system of the transportation
- 23 route whereby the applicant shall be responsible
- 24 for the cost of the execution of interim repairs

- 1 of the roadway and drainage system impacted by
- 2 the applicant.
- 3 Additionally, within the time period
- 4 approved by the highway authorities following the
- 5 conclusion of the development activity the
- 6 applicant shall be responsible for the cost and
- 7 execution of the permanent repair and restoration
- 8 of the transportation route impacted by the
- 9 applicant to be restored minimally to the
- 10 condition of the transportation system prior to
- 11 development activity.
- 12 Prior to development activity, the
- 13 applicant shall post a bond, cash deposit, or
- 14 other surety in a form satisfactory to the proper
- 15 authority to cover the cost of the development
- 16 impact caused by the development activity on the
- 17 development route by the applicant.
- 18 Further, when the bond, cash deposit,
- 19 or other surety is established in the form
- 20 satisfactory to the proper authority, it shall be
- 21 accompanied by a proper form of assignment of the
- 22 monetary instrument to the authority, in form
- 23 satisfactory to the authority, which restricts
- 24 the applicant's ability to withdraw funds before

- 1 the authority releases them and allows the
- 2 authority to draw on the funds in the event of
- 3 the applicant's default.
- 4 Basically that is my point, to protect
- 5 the transportation system. It's not
- 6 environmentally driven, but it's something that I
- 7 believe needs to be incorporated into the Act.
- 8 HEARING OFFICER WELCH: Okay. Well
- 9 done. Thank you. If you want to leave that in
- 10 the box. All right. Thank you, sir.
- 11 Nancy Hediger. Nancy, if you'll come
- 12 up and have a seat in the front row.
- Okay, sir, state your name, please.
- MR. DEIBEL: Richard Deibel,
- 15 D-e-i-b-e-l. I'm in the solid waste business and
- 16 have hauled trash and solid waste out of the oil
- 17 field for the last 37 years, and I think if all
- 18 the rules are implemented with hydraulic fracking
- 19 and the things that the Illinois EPA have, I
- 20 think it could be a big boon to the State of
- 21 Illinois and all of southeastern Illinois, so I
- 22 am in favor of hydraulic fracking and think that
- 23 it would be a great asset for the State of
- 24 Illinois.

- 1 That's all I have.
- 2 HEARING OFFICER WELCH: Thank you,
- 3 sir. Thank you very much. Ma'am, if you'll stay
- 4 up there, I'll call another name.
- 5 MS. HEDIGER: Nancy Hediger --
- 6 H-e-d --
- 7 HEARING OFFICER WELCH: That's okay.
- 8 Bob Yancey, if you'll come up and have a seat,
- 9 and then, Ms. Hediger, you can go right in next.
- 10 Bob Yancey? Okay.
- 11 MS. HEDIGER: Nancy Hediger,
- 12 H-e-d-i-g-e-r.
- 13 The Illinois DNR has given the
- 14 fracking industry too narrow a definition of who
- 15 may be considered as a person having an interest
- 16 that is or may be adversely affected by fracking
- 17 and who will, thus, have the standing to request
- 18 public hearings.
- 19 This is essentially Illinois gave to
- 20 the fracking industry permission to limit the
- 21 public's ability to request hearings on proposed
- 22 drilling and fracking sites.
- 23 According to Section 245.270, a person
- 24 requesting a hearing must directly demonstrate

- 1 that they have a real property interest in or use
- 2 resources of economic, recreational, or
- 3 environmental value that may be adversely
- 4 affected. People living further than 1,500 feet
- 5 from a proposed fracking site are also allowed to
- 6 request a public hearing, but the rules are
- 7 unclear about when requested public hearings
- 8 would be granted.
- 9 I'm very nervous, but I have a well,
- 10 so I'm very worried about it.
- 11 HEARING OFFICER WELCH: Take a deep
- 12 breath there.
- 13 MS. HEDIGER: Just because the frack
- 14 pad is not on my front lawn does not mean that it
- 15 will not affect my home, my life, my livelihood,
- 16 or my well. If our neighbors lease their land or
- 17 if the forest pooling means that I am forcibly
- 18 included in a drilling site, we are limited by
- 19 the IDNR's definition.
- Though it may move quite slowly,
- 21 groundwater moves, so any contamination of
- 22 shallow groundwater from drilling or fracking
- 23 operations would move with the slow flow of
- 24 groundwater. Which direction will it flow, how

- 1 far will it flow, getting that answer would
- 2 require careful scientific study at significant
- 3 expense.
- 4 Clearly, the state cannot expect
- 5 individual landowners to undertake such studies
- 6 before they request public hearings, yet they
- 7 would have to in order to argue for a public
- 8 hearing to just get in the process of ensuring
- 9 that the water in their wells is protected, and
- 10 of course Illinoisans can expect the oil and gas
- 11 industry to badger the hearing officer's task
- 12 with deciding on whether or not individuals have
- 13 standing to request public hearings.
- 14 Thank you.
- 15 HEARING OFFICER WELCH: Okay. Thank
- 16 you, ma'am.
- 17 Mr. Yancey, if you want to come on up
- 18 here, and then I'm going to call -- the last name
- 19 is Baker.
- 20 HEARING OFFICER WELCH: Okay.
- 21 Mr. Yancey.
- MR. YANCEY: Bob Yancey, Y-a-n-c-e-y,
- 23 Bond County.
- 24 My statement is in regards to the

- 1 water source management plan. It seems to me
- 2 what I've been able to learn is that after just a
- 3 minimum of info that the operators can -- or
- 4 producers can basically just go wherever they
- 5 want and take it. I haven't been able to find
- 6 any info on how much they can take out of creeks
- 7 and rivers.
- I know in Texas they have taken so
- 9 much that the fish lay dying in heaps. Some
- 10 towns have been forced to ration water.
- I mean I have to haul water. Will I
- 12 go to town and will there be 20 tanker trucks in
- 13 front of me? I don't know.
- 14 Anyway, I hope all that don't happen.
- 15 That's it.
- 16 HEARING OFFICER WELCH: Okay. Thank
- 17 you, Mr. Yancey.
- 18 All right. Next after Ms. Baker will
- 19 be Gene K-r-a-h-l, it looks like. Come on up and
- 20 have a seat here.
- 21 MS. BAKER: Hi. My name is Girwana
- 22 Baker, B-a-k-e-r.
- 23 HEARING OFFICER WELCH: Spell that
- 24 first name too.

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1 MS. BAKER: Girwana, G-i-r-w-a-n-a,
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- 2 Baker, B-a-k-e-r. All right, and I'm here with
- 3 IRON Student Network and Fair Economy Illinois --
- 4 yeah, Fair Economy Illinois, I'm sorry.
- I have two points that I want to point
- 6 out on my comment. First, I'm going to address
- 7 the non-water fracking and how critical it is
- 8 that non-water fracking not be exempt from the
- 9 rules.
- 10 The law defines high volume fracking
- 11 based on the number of gallons of base fluid.
- 12 Now, this means that high volume fracking is
- 13 between 80,000 and 300,000 gallons total.
- 14 The problem is that gallons are units
- 15 of value used to measure liquid, but what if that
- 16 liquid isn't used in fracking? Not all fracking
- 17 base material can be measured by gallons.
- 18 If non-water based fluids are
- 19 accounted for as liquid gallons, the gallonage
- 20 total will fall below the threshold set by the
- 21 rules. Suddenly a fracking operation would no
- 22 longer be considered high volume, even though the
- 23 operation is comparable in scale and therefore
- 24 raised to a high volume fracking in terms of

- 1 chemical use, frack periods, or other methods.
- Why is this important? If fracking
- 3 operations use less than 300 gallons of fluid,
- 4 they are considered medium volume fracking, and
- 5 they are exempt from all the regulations in the
- 6 law.
- 7 Either IDNR has intentionally created
- 8 a loophole to exempt the majority of fracking
- 9 operations from regulations -- I'm sorry,
- 10 fracking operations from regulations or it's
- 11 simply inept and lazy, either of which could have
- 12 disastrous outcomes for Illinois residents.
- 13 My second comment has to do with the
- 14 unfair public hearing process.
- 15 First of all, Section 2 -- I'm sorry,
- 16 Section 245.230(E) creates a loophole whereby the
- 17 60-day review period for permit application
- 18 begins to run even before the application is
- 19 deemed complete by the Department. This is
- 20 simply inviting companies to submit incomplete
- 21 permits as a way of avoiding public oversight and
- 22 comments.
- 23 IDNR needs to ensure that the 60-day
- 24 review period only begins to run after IDNR deems

- 1 applications as being complete.
- 2 Another rule I want to point out is
- 3 that the rules do not require the IDNR to testify
- 4 under oath and be available for
- 5 cross-examination. How is the public to be
- 6 assured that there is concern -- I'm sorry, how
- 7 is the public to be assured that their concerns
- 8 will be addressed if IDNR only has to sit and
- 9 listen to them without responding?
- 10 Another rule forces petitioners to
- 11 present their concerns in the context of the
- 12 rules. IDNR should have -- should be concerned
- 13 about the content of the complaint not the
- 14 technicalities. I'm sorry about that. All
- 15 right. And that's it.
- 16 HEARING OFFICER WELCH: All right.
- 17 Thank you, Ms. Baker.
- Okay. Let's see.
- 19 MR. KRAHL: Gene Krahl.
- 20 HEARING OFFICER WELCH: Hang on a
- 21 minute. Tyler R-o-t-c-h-e. Okay. All right.
- 22 I'm sorry. Mr. Krahl, is it?
- MR. KRAHL: Well, that's my human
- 24 name. I'm actually a monkey, technically.

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1 HEARING OFFICER WELCH: You fit right
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- 2 in.
- 3 MR. KRAHL: K-r-a-h-l is what he likes
- 4 to go by.
- 5 So I'm not native to this area, as you
- 6 can see, but I care about it, and I feel like
- 7 that's what solidarity is about, that I can fight
- 8 and argue on behalf of animals and people that
- 9 are in this area, even if I'm not from it.
- I want to say that I think fracking is
- 11 a part of a wider project of seizing land and
- 12 resources from poor people that are riddled in
- 13 debt and don't have any other means to sustain
- 14 themselves, and I think that we, as people in
- 15 southern Illinois, don't want to invite the kinds
- 16 of corporations that you are all trying to
- 17 legislate on behalf of here. Right?
- 18 These are beings that roam the earth
- 19 searching for nothing but profit without any
- 20 concern for the lives and livelihoods of the
- 21 people that are -- that are subject to what they
- 22 are producing, and, in this case, that is a ton
- 23 of pollution.
- We're seeing it everywhere. We're

- 1 seeing earthquakes actually being produced. This
- 2 is well documented, and now here so you can make
- 3 a note of this, this fits in with the technical
- 4 things, right, we're between two major seismic
- 5 zones. Right?
- 6 Can you just stay with me? There is
- 7 scientific evidence to show that fracking causes
- 8 earthquakes, and we are between two major seismic
- 9 zones. It is scandalous that you would even
- 10 consider doing this here, and you all wear ties,
- 11 and I wear a monkey suit, and I look like the
- 12 weird-o, but, no, look, you are the irresponsible
- 13 ones here that are even considering doing this,
- 14 and I think, you know, you say, of course, this
- 15 is just about the regulations. It's just about
- 16 the regulations.
- Well, implementing the regulations is
- 18 doing something with respect to regulations.
- 19 You're just doing your jobs, right, and that's
- 20 the same kind of sales pitch that these industry
- 21 executives are making or these land men are
- 22 making to poor people.
- 23 Well, it will bring you jobs. It will
- 24 bring you some kind of financial security.

- 1 Right?
- 2 One of the things that I think is
- 3 particularly interesting is that among themselves
- 4 these industry executives have called this a
- 5 Ponzi scheme.
- I don't know if you guys have seen
- 7 this. This is years old. I don't know if
- 8 everybody here that is maybe considering leasing
- 9 their land has seen this, but this is from Forbes
- 10 magazine, not particularly a magazine of the
- 11 left. Right?
- 12 And e-mails amongst themselves, energy
- 13 executives, industry lawyers, state geologists,
- 14 and market analysts question the economics of
- 15 shale gas and hint at impropriety.
- 16 They call company statements about the
- 17 value of finds a Ponzi scheme, invoke Enron, and
- 18 cite the mentality of conning Wall Street while
- 19 drilling fast before the jig is up.
- Well, look, when the jig is up, it
- 21 isn't these dudes in suits or whoever it is
- 22 that's trying to take your land that's going to
- 23 be without money. It's going to be you. It's
- 24 going to be poor people that are left poor for

- 1 another generation.
- 2 And, yeah, I think that the Ponzi
- 3 scheme should end in Illinois, and that everybody
- 4 up here should take it upon themselves to say,
- 5 look, we can't regulate this. It can't be
- 6 regulated safely. This can't be made safe, and
- 7 it has to stop in Illinois.
- 8 Thank you.
- 9 HEARING OFFICER WELCH: Thank you,
- 10 sir.
- 11 Tyler is up next, and after Tyler is
- 12 Kay A-h-a-u-s, it looks like. Okay.
- 13 MR. ROTCHE: My name is Tyler Rotche,
- 14 last name R-o-t-c-h-e.
- 15 Thank you for the opportunity to
- 16 provide comments on behalf of Prairie Rivers
- 17 Network and our members in opposition to the
- 18 current version of the proposed administrative
- 19 rules to implement the Illinois Hydraulic
- 20 Fracturing Regulatory Act Or Public Act 098-0022.
- 21 Prairie Rivers Network is the state
- 22 affiliate of the National Wildlife Federation, a
- 23 nonprofit operation that strives to protect the
- 24 rivers, streams, lakes, and groundwater of

- 1 Illinois and to promote a lasting health and
- 2 beauty of water in communities.
- 3 Much of our work focuses on how
- 4 environmental policies are implemented and
- 5 enforced in Illinois in order to protect our
- 6 environmental and ultimately our health.
- 7 IDNR's proposed rules are weaker than
- 8 the regulations passed in June and are not
- 9 protective of our clean and abundant water
- 10 supplies.
- 11 Prairie Rivers Network shares these
- 12 comments as the basis for our opposition to the
- 13 current draft of the rules.
- 14 First, stronger protections are needed
- 15 against water pollution. This includes full
- 16 disclosure of all chemicals used, not just those
- 17 that are considered to be indicators.
- 18 This is important for adjacent well
- 19 water users who may need to identify and track
- 20 contamination, and it is also important for
- 21 medical professionals and first responders who
- 22 must be able to access chemical information on a
- 23 24/7 basis if an accident occurs.
- 24 Second, no long-term storage of

- 1 fracking wastewater, and it should allow for
- 2 sufficient storage for both flowback and produced
- 3 water.
- 4 Wastewater should be removed within
- 5 seven days of placement rather than seven days
- 6 after fracking operations are complete as stated
- 7 in the law.
- 8 Third, rules must include a
- 9 requirement that all high volume fracturing
- 10 operations be subject to the law. For example,
- 11 operations engaged in high volume hydraulic
- 12 fracturing and were established prior to the
- 13 regulatory act should not be exempt from
- 14 following the law and implemented rules.
- These protections were made into law
- 16 in order to protect our drinking water supply,
- 17 our shared resources, and our health, and no
- 18 exemptions are merited.
- 19 Fourth, ensure public participation in
- 20 the permitting process for both new and renewed
- 21 operations. Every significant revision to the
- 22 proposed operations permitting plan must be --
- 23 must require public input process.
- Too often we see members of the public

- 1 unable to participate in terms of permitting and
- 2 escape the system through amendments of previous
- 3 applications.
- 4 Fifth, and finally, increased
- 5 penalties for noncompliance so they serve as a
- 6 deterrent, not just as a cost of doing business.
- We understand that no amount of
- 8 regulation can ever make fracturing failsafe, but
- 9 the stronger Illinois's regulations are, the
- 10 better protected our communities' water supply,
- 11 air quality, and health will be.
- 12 Thank you for your consideration of
- 13 our comments. Prairie Rivers Network hereby
- 14 urges denial of the current version of the High
- 15 Volume Hydraulic Fracturing Administrative Rules.
- 16 Thank you.
- 17 HEARING OFFICER WELCH: Thank you,
- 18 sir.
- 19 Dillon or Dillon, A-m-l-i-n.
- Okay, ma'am.
- 21 MS. AHAUS: I'm Kay Ahaus from
- 22 Trenton.
- 23 COURT REPORTER: Spell your last name,
- 24 please.

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1 MS. AHAUS: A-h-a-u-s. I came 75
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- 2 miles one way, 150 round trip, and I'm here to
- 3 encourage you to have these public hearings in
- 4 every county where these wells might be drilled,
- 5 every county, every county where the permits are
- 6 being considered. It is a hardship to come in
- 7 the winter. It is a hardship to come at
- 8 Christmastime, so please hold these hearings when
- 9 there's not vacation and not inclement weather.
- 10 That's to the process.
- Now, to the problems I have with the
- 12 regulations themselves, and this stems from
- 13 personal experience. My neighbor down the way
- 14 had a well drilled on his land this summer. When
- 15 I saw him in church yesterday. I said, "Well,
- 16 what's going on down there?"
- 17 He said, "What do you mean? I don't
- 18 know anything about it."
- 19 I said, "Well, have you leased to an
- 20 oil well company?"
- 21 "Yes, I did, one or two years ago, but
- 22 I haven't heard from them since."
- I said, "Well, your land was drilled
- 24 on by an oil well company."

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1 I lived in Oklahoma for 37 years, and
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- 2 I know what an oil well looks like. Oklahoma is
- 3 full of fracking wells. Yesterday I spoke with a
- 4 friend from Oklahoma, and they are having
- 5 clusters of earthquakes, not just an earthquake
- 6 but clusters of them just about every week.
- Now -- and they're in the 3.4 to 4
- 8 range. I don't know what damage that does, but
- 9 she said some of the houses are being damaged.
- 10 The well that was on my friend's
- 11 property, a different friend in Edmond, Oklahoma,
- 12 was near a capped well that leaked. It rendered
- 13 their land unusable for human or other kind of
- 14 animal life. They couldn't grow a garden. They
- 15 had to haul in their water for drinking and
- 16 bathing, and they had to even vacate the land.
- 17 They had spent their life savings
- 18 building this property, and I certainly want to
- 19 have high restricted areas near these wells, so I
- 20 would suggest a three-mile radius, not a 1,500
- 21 foot radius, because we don't know how far water
- 22 and air pollution is going to travel once it gets
- 23 out. All we know is that these wells do create
- 24 it.

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I think it was mentioned that we're
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- 2 not sure that there's as much energy we're
- 3 getting back out of these wells as we're putting
- 4 into it, so I think there should have to be a
- 5 hearing run by IDNR on the feasibility study of
- 6 how much energy we're going to get back for the
- 7 amount of risk that the public is taking.
- Fracking waste can't be stored in an
- 9 open pit. I just don't believe they can, so if
- 10 you're going to allow this, they've got to be
- 11 stored in underground, airtight, air sealed
- 12 tanks, and the rules have to, as the one
- 13 gentleman that spoke about transportation, have
- 14 to include what are you going to do if you don't
- 15 do this? If you have to have these wastes
- 16 trucked, sent by rail cars or by barges down the
- 17 Mississippi and other inland waterways.
- I see I'm about up, so I will just
- 19 read my -- if I can get -- this microphone keeps
- 20 getting away from me here. I'm not a public
- 21 speaker.
- 22 All landowners within three miles of
- 23 the well should be informed that the permit
- 24 process is requested and a public hearing on such

- 1 a well be held prior to the start of the permit
- 2 process, prior to the process.
- 3 No open pit storage facility should be
- 4 allowed. All fracking must be prohibited in
- 5 flood plains and on earthquake faults in
- 6 Illinois.
- 7 Now, let me just say this farmer whose
- 8 land had the well dug on it is -- the land is in
- 9 a flood plain. It floods every single year.
- 10 There's no way that land can be fracked without a
- 11 lot of pollution going lots of places.
- 12 Thank you for listening.
- 13 HEARING OFFICER WELCH: Thank you,
- 14 ma'am.
- Okay. We need Stanley Bratman, it
- 16 looks like.
- 17 MR. AMLIN: Hi. My name is Dillon
- 18 Amlin. That's A-m-l-i-n, and I'm a member of the
- 19 IRON Student Network as well as a member of Fair
- 20 Economy Illinois, a state-wide coalition that
- 21 does not feel that these rules protect Illinois
- 22 from the dangers of fracking.
- 23 I am a student at Roosevelt University
- 24 in Chicago, and I wasn't able to make the hearing

- 1 in Chicago, because it was two days before
- 2 Thanksgiving, and I was at home, and I think
- 3 before I leave my comment on the rules I would
- 4 like to request that this comment period be
- 5 extended and that more hearings be announced,
- 6 particularly in Chicago and Bloomington.
- 7 I know that there were over 300 people
- 8 in Chicago and only 30 or 40 were actually able
- 9 to speak. There were people who literally
- 10 couldn't even get into the room, and there's a
- 11 serious demand for more public participation.
- 12 It's become very apparent from the
- 13 past two hearings and the media that IDNR is
- 14 either understaffed in this rule drafting process
- 15 or needs significantly more time to actually come
- 16 up with rules that would adequately safeguard the
- 17 health and safety of Illinois residents.
- 18 The dirty dozen is a list of -- a
- 19 non-extensive list of major issues that we have
- 20 with this legislation that has been released, and
- 21 I'm just going to be talking about one of the
- 22 dirty dozen. This is a list of major loopholes
- 23 and issues with the IDNR rules around
- 24 radioactivity, seismicity, non-water fracks, also

- 1 organic compound emissions and local control, and
- 2 these are just like a good demonstration of how
- 3 dangerously weak these rules really are.
- 4 IDNR should at the very least
- 5 adequately address this dirty dozen before it
- 6 even thinks about submitting the rules to the
- 7 joint committee on administrative rules.
- Furthermore, over 50 people were
- 9 turned away, like I said, from the hearings in
- 10 Chicago, and those people weren't able to speak.
- If you're really committed to public
- 12 participation, then we should have an extension
- 13 of this process, and there should be more public
- 14 hearings, so today I guess first I'd like to say
- 15 the reason why I do this work, the reason why I
- 16 organize -- at least 60 hours a week I organize
- 17 students, I organize community members, and right
- 18 now we're working on fracking, because this is a
- 19 major issue in addressing climate change.
- 20 My father is an energy consultant. He
- 21 works with companies around climate change
- 22 issues, and from a really early age I've been
- 23 exposed to the reality of climate change and the
- 24 danger that it poses to all of us. I genuinely

- 1 am concerned that I'm not going to be able to
- 2 live a full and healthy life because of a threat
- 3 of climate change, and that's mainly why I'm here
- 4 today.
- 5 Fracking has a huge potential to
- 6 increase -- to increase emissions and is a
- 7 terrible road to go down if we're serious about
- 8 addressing climate change, so my comment is on
- 9 radioactivity.
- 10 One of the consequences of fracking in
- 11 Illinois is that we expect much of the produced
- 12 water that it will be radioactive due to the fact
- 13 that Illinois shale has above average levels of
- 14 uranium. The U. S. Geological Survey itself has
- 15 found that produced water in Illinois has
- 16 radioactive uranium levels that are 67 times the
- 17 maximum contamination level of the EPA.
- 18 The original legislation requires IDNR
- 19 to comply with all applicable federal, state, and
- 20 local laws, but the rules make no mention of how
- 21 regulators will ensure that fracking operators
- 22 abide by the Illinois Low Level Radioactive Waste
- 23 Management Act.
- 24 Unfortunately, Section 245.850 only

- 1 provides for testing of fracking fluids once
- 2 during the early flowback stage and only for
- 3 naturally occurring radioactive materials.
- 4 The proposed rules include no
- 5 follow-up requirements or standards of testing
- 6 that shows radioactivity in flowback to be high.
- 7 In other words, these proposed rules treat
- 8 flowback the same whether it is highly
- 9 radioactive or not.
- 10 HEARING OFFICER WELCH: You're about
- 11 out of time.
- 12 MR. AMLIN: The proposed rules did not
- 13 require the testing of produced water which is
- 14 the water produced from a well in conjunction
- 15 with oil or natural gas production. This is
- 16 where radioactivity is most likely to show up.
- 17 It should be noted that while these
- 18 rules have been purported to be the strongest in
- 19 the nation, Pennsylvania law requires the testing
- 20 of produced water at two separate intervals,
- 21 because, once again, that is where the
- 22 radioactivity is most likely to show up.
- 23 Testing only the flowback water is
- 24 like saying we don't want to find any

- 1 radioactivity, because then we have to do
- 2 something about it, so we'll just test where
- 3 we're pretty sure we won't find any.
- 4 This is a really serious issue, and I
- 5 would really like for radioactivity to be
- 6 addressed.
- 7 Thank you.
- 8 HEARING OFFICER WELCH: Thank you,
- 9 sir.
- 10 Erin Carmen -- I can't read the last
- 11 name. Okay, sir.
- MR. BRATMAN: Hi. My name is Stan
- 13 Bratman. I am from Chicago.
- 14 COURT REPORTER: Can you spell your
- 15 last name, please?
- MR. BRATMAN: B-r-a-t-m-a-n.
- 17 I work with a number of environmental
- 18 organizations. I've been concerned about a
- 19 variety of environmental issues for very many
- 20 years.
- I see that we have -- in the Illinois
- 22 Department of Natural Resources we have six
- 23 commissioners, all of whom appear from -- to be
- 24 white men. I sometimes wonder about that, but

- 1 let me say that I have to agree with my colleague
- 2 over here that global warming and pollution are
- 3 huge problems.
- 4 I think as the Department of Natural
- 5 Resources we should be looking towards wind and
- 6 solar natural resources. I understand that the
- 7 state has passed a law which allows fracking.
- 8 Personally, I believe it's a bad law,
- 9 but you are engaged in trying to enforce that
- 10 law, and I would hope that you would enforce it
- 11 vigorously, and so I'd like to talk to you about
- 12 your specific jobs which is to penalize these oil
- 13 and gas companies when they don't do what is in
- 14 the law, and, as I understand it, many of the
- 15 fines are very, very small.
- 16 I understand that the fines start at
- 17 \$25, and they go up to \$2,500 which, for an oil
- 18 or gas company, is not what it is for me or
- 19 probably you as well.
- These are billion dollar companies. I
- 21 believe that the top five producers of oil and
- 22 gas made over 118 billion dollars in profits last
- 23 year, and we are proposing to fine them \$50 to
- 24 \$2,500 for violations?

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1 As if that isn't enough, if they don't
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- 2 pay the fine, apparently within two years, the
- 3 fine is reduced. I don't quite understand how
- 4 that can happen, but it does, and, finally, I'd
- 5 like to speak a little bit about the outsourcing
- 6 of the damages that can be done, so if someone
- 7 gets sick because of groundwater contamination,
- 8 air contamination, if someone's pond is destroyed
- 9 or stream, their source of water is destroyed, I
- 10 believe that it's your job to make sure that the
- 11 oil and gas companies bear responsibility for
- 12 that.
- Now, it's difficult to do and given
- 14 that they have these billions of dollars, they
- 15 have very good legal staffs. I don't know how
- 16 many of you are lawyers, but they have extensive
- 17 and good legal staffs, so I really feel like as
- 18 commissioners for the state it's your job to
- 19 protect us, not the oil and gas companies.
- 20 Without you to stand in the way and
- 21 say these billion dollar companies can't get away
- 22 with this sort of stuff, we have no protection as
- 23 citizens, so that's my comment, and I hope that
- 24 you do your job energetically. I hope that you

- 1 increase the fines, at least to the level that
- 2 the state prescribed. Apparently the state
- 3 prescribed a higher level of penalty than what
- 4 you have done as the IDNR, so I'm no expert on
- 5 that. I don't know, but thanks for your time.
- 6 Thanks for listening.
- 7 HEARING OFFICER WELCH: Thank you.
- 8 All right. We're going to need
- 9 Dominic, Dio -- yeah, you. Okay, sir.
- 10 MR. CARMAN-SWEENEY: I'm Erin
- 11 Carman-Sweeney, E-r-i-n,
- 12 C-a-r-m-a-n-S-w-e-e-n-e-y. I'm from Makanda,
- 13 Illinois. Thank you for giving me the
- 14 opportunity to speak.
- 15 My comment is about volatile organic
- 16 compounds emissions, which I don't think have
- 17 been mentioned enough, so that's why I wanted to
- 18 speak about that.
- 19 Although I'd like to say that I feel
- 20 like this public hearing process has kind of been
- 21 a facade of democracy this whole time thinking
- 22 that we are going to have some effect and some
- 23 say in this when really we know that the rules
- 24 have been written by the industry and are being

- 1 implemented by the government that is not
- 2 listening to us, but I very much would like you
- 3 to listen, and I think -- I'll just start reading
- 4 the comment.
- 5 So even though Section 1 through 53 of
- 6 the regulatory bill requires that fracking
- 7 operations be conducted in a manner that will
- 8 protect public health and safety and prevent
- 9 pollution, I'd like to say here that it was
- 10 brought up earlier that this fracking process
- 11 exacerbates climate change, and we are beginning
- 12 to at a federal level regulate carbon pollution,
- 13 and that's not in any way included in this bill
- 14 and ought to be.
- We ought to be considering that as a
- 16 public health and safety risk, because it is and
- 17 it's proven to be, and there shouldn't be any
- 18 arguments surrounding that, so even though the
- 19 bill requires that the operations be conducted in
- 20 a manner that will protect the public health and
- 21 safety and prevent pollution, there are currently
- 22 no known provisions on how to reduce the highly
- 23 toxic volatile compounds, or VOC emissions that
- 24 are generated by the fracking process.

- 1 HEARING OFFICER WELCH: Excuse me,
- 2 sir. When you read it, it's hard for the
- 3 reporter to keep up, so don't read so fast.
- 4 MR. CARMAN-SWEENEY: All right. VOCs
- 5 scientifically have been shown to cause asthma,
- 6 cancers, and severe illnesses. These are
- 7 definitely public health concerns.
- 8 Also, I'd like to note that my father
- 9 passed away of cancer only four years ago, and
- 10 I'm sure that everyone in this room knows someone
- 11 who has passed away of cancer, and you should
- 12 be -- we should be taking more care to prevent
- 13 these volatile organic compounds from spreading
- 14 around these frack sites and damaging the public
- 15 health, because if we're really invested in
- 16 having a democracy, we wouldn't allow some people
- 17 to benefit from this drilling while the rest of
- 18 us all suffer these consequences that kill us.
- 19 So in Colorado oil and gas emissions
- 20 are the main source of volatile organic
- 21 compounds, and unsurprisingly there have been
- 22 many reported cases of illnesses from fracking
- 23 pollution in Colorado since the boon began.
- 24 These rules currently contain no best

- 1 practice standards for mitigating these risks
- 2 that could cause irreversible and neurological or
- 3 respiratory damage to children, adults, and other
- 4 living things.
- 5 Also, I should note that down where I
- 6 live in the Shawnee National Forest, those other
- 7 living things are really important not just for
- 8 their own sake but also for our economy as a
- 9 tourist economy, and if we're trying to provide
- 10 jobs, we can't be taking jobs from one sector and
- 11 passing them along to another.
- 12 As of now, the rules allow companies
- 13 the holy exemption of runaway natural gas and
- 14 hydrocarbon fluids from production. Section
- 15 245.900(E), or flowback, Section 245.845(C).
- 16 If the regulation of these isn't cost
- 17 effective or it is economically unreasonable, and
- 18 those terms are not properly defined in the bill
- 19 anywhere, defining those terms -- I mean,
- 20 basically right now you're allowing the industry
- 21 to define them, and that's not -- I mean that's
- 22 not sufficient.
- Ozone forming air pollution measured
- 24 in Colorado is up to twice the amount that

- 1 government regulators have calculated should
- 2 exist. I just graduated with a degree in climate
- 3 science, and ozone is really great up in the
- 4 stratosphere where it protects you from UV rays,
- 5 but down here, the lower troposphere, it's really
- 6 toxic and terrible for people, and it's a
- 7 terrible pollutant, so avoiding defining cost
- 8 effectiveness or economically unreasonableness
- 9 essentially allows companies to define these
- 10 terms for themselves, and we can assume the
- 11 companies will make sure that they define it to
- 12 their own benefit.
- The cost-benefit analysis that only
- 14 calculates private costs of companies while
- 15 ignoring the social costs on the people, on the
- 16 environment will result in privatizing profits
- 17 for big corporations while socializing losses for
- 18 taxpayers, adding an unjust burden to the local
- 19 and state government.
- 20 HEARING OFFICER WELCH: Okay. You're
- 21 right on time.
- 22 MR. CARMAN-SWEENEY: All right. Thank
- 23 you.
- 24 HEARING OFFICER WELCH: Thank you,

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1 sir.
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- 2 Elmer, is it Fugman, Jr.?
- 3 All right, Dominic.
- 4 MR. GIAFAGLEONE: I'm Dominic
- 5 Giafagleone, G-i-a-f-a-g-l-e-o-n-e.
- 6 All right. Hey, ya'all. This comment
- 7 is about abandoned oil and gas wells serving as
- 8 conduits to contaminate aguifers.
- 9 In the proposed rules Section 245.210
- 10 at (A)6 and (A)7 and 245.815 at B and 245.1010
- 11 introduced arbitrary rules and grossly inadequate
- 12 measures to protect against so-called frack hits
- 13 when your fractures from fracking intersect with
- 14 aging and abandoned wells.
- 15 According to these sections to be
- 16 permitted in Illinois under the proposed rules
- 17 operators would have to worry about frack hits in
- 18 existing wells that are within 750 feet of the
- 19 proposed wells measured by the minimum distance
- 20 between any two points along prospective bore
- 21 holes, and even then, they only need to be
- 22 considered, those existing wells, if they are
- 23 drilled within 400 feet of the rock formation
- 24 that the well should target.

- 1 This regulation is obviously
- 2 inadequate. Just this past September in New
- 3 Mexico fracking at one well leaked fluids out of
- 4 a neighboring well head half a mile away, 2,640
- 5 feet.
- Also, independent research shows that
- 7 horizontal fractures can extend at least 2,500
- 8 from a bored well.
- 9 In addition, expert testimony in
- 10 Supreme Court cases has provided evidence that
- 11 fracked fluids have been found 3,000 feet from
- 12 the well bore. Obviously, only requiring and
- 13 putting the old wells 750 feet away from the well
- 14 bore is grossly inadequate, especially since
- 15 abandoned oil wells are an obvious known source
- 16 of aguifer contamination here in Illinois.
- 17 Indeed, the residents of a
- 18 Hardinville, Crawford County, Illinois, have
- 19 already known the cost of aquifer contamination
- 20 from these fractures intersecting with old oil
- 21 wells.
- 22 Virtually -- finally, the vertical
- 23 distance of 400 feet is not adequate since the
- 24 connection with long-term vertical faults and

- 1 fractures is a possibility. It only takes one
- 2 instance to cause a long-term damage between
- 3 aguifers. These are literally well heads
- 4 exploding with water. Revisions needed.
- 5 Requiring the plugging of abandoned
- 6 oil wells or gas wells up to 4,000 feet
- 7 horizontally from any well bore and regardless of
- 8 how deep or shallow the old oil or gas well is
- 9 reported to be.
- 10 Further investigation is needed to be
- 11 done to provide a means of locating abandoned oil
- 12 and gas wells which are not registered in the
- 13 State of Illinois or into the decades long
- 14 history of oil drilling in these parts.
- 15 And just lastly, \$50 for a fine? I
- 16 have \$115 parking ticket. Sheesh.
- 17 HEARING OFFICER WELCH: All right.
- 18 Thank you, sir. We need Joyce Blumenshine.
- 19 Okay, sir.
- MR. FUGMAN: Good evening, gentlemen.
- 21 My name is Elmer Fugman, F-u-g-m-a-n, and I'm a
- 22 proud native son of the City of Chicago,
- 23 Illinois, and by way of identifying myself, I am
- 24 a progressive political activist, and two of the

- 1 areas of my concern recently have been the
- 2 maintenance of gay rights law -- rights and also
- 3 fracking.
- I'm a member of the same group -- they
- 5 call themselves something else, but the name I'm
- 6 going by is the Chicagoland Coalition Against
- 7 Fracking.
- Now, the issues I was going to address
- 9 my distinguished degreed colleague a couple
- 10 moments ago has already covered a lot of the
- 11 things. I just wanted to make a couple of
- 12 comments that may or may not have been discussed.
- 13 The comment relates to volatile
- 14 organic compound emissions, and even though
- 15 Section 1-53 of the regulatory bill requires that
- 16 fracking operations be conducted in a manner that
- 17 will protect the public safety and health and
- 18 prevent pollution, there are currently almost no
- 19 real provisions on how to reduce the highly toxic
- 20 volatile organic compound or VOC emissions that
- 21 are generated by the fracking process.
- I want to call your attention to
- 23 something that has been touched upon, but I have
- 24 to comment on it, and that is the exemption --

- 1 well, it's a corporate ploy to identify
- 2 unreasonable costs and -- because that just means
- 3 one thing: This money is -- they want that money
- 4 all to go into corporate coffers for the sake of
- 5 their wealth and gormandizement and nothing else,
- 6 so nobody is fooled by the seemingly plausible
- 7 comment that is listed here.
- 8 And also about the solution, the
- 9 Department should quantify the cost of various
- 10 kinds of emissions utilizing independent -- not
- 11 stooges, independent scientific studies on this
- 12 issue included in the qualifications should be
- 13 the health and environmental costs of emissions
- 14 relative to the costs of capturing reducing
- 15 emissions.
- 16 Thank you very much.
- 17 HEARING OFFICER WELCH: Thank you,
- 18 sir.
- 19 Next we're going to need Mike Ewing.
- We'll come back to Mr. Ewing.
- 21 Thomas Graballski. Hello?
- Okay. Kelvin Ho. Kelvin?
- 23 All right.
- MS. BLUMENSHINE: Thank you very much.

- 1 My name is Joyce, J-o-y-c-e, Blumenshine,
- 2 B-l-u-m-e-n-s-h-i-n-e. I'm a volunteer with the
- 3 Illinois Chapter Sierra Club.
- 4 Thank you to the IDNR staff and the
- 5 hearing officer for listening to us tonight.
- 6 The Hydraulic Fracturing Regulatory
- 7 Act was really a regulatory floor and in no way
- 8 does it make high volume hydraulic fracturing
- 9 safe. This was a bipartisan vote through the
- 10 legislature very clearly establishing the
- 11 regulations.
- 12 Unfortunately, the rules developed to
- 13 better define that Act have not reflected the law
- 14 that was passed, and we see this as a grievous
- 15 error.
- 16 Until the regulations are strengthened
- 17 in numerous ways, this will not provide the
- 18 minimum baseline protections that we must have in
- 19 this state, and I don't mean it to sound trite
- 20 when I say water is life, but water is life, and
- 21 whether or not you see climate change and
- 22 concerns for drought as major problems, in the
- 23 area where I live -- I'm from Peoria, a host
- 24 friends of mine are in Fulton County, they worry

- 1 about their surface water resources and
- 2 groundwater, and we have to worry about that for
- 3 future citizens, so I will just refer to a couple
- 4 of specifics within the proposed rules and how
- 5 they don't agree with what the law was when it
- 6 was passed by bipartisan efforts in the
- 7 legislature.
- For instance, for public notice the
- 9 law says that there is required a public process
- 10 for significant modifications. That means
- 11 notices, public comment, and public hearings can
- 12 be held. However, the proposed rules are greatly
- 13 lacking. They very much narrow the types of
- 14 modifications that require public process.
- In other words, it opens the doors for
- 16 fracking permit holders to skirt public
- 17 participation and for the IDNR to not hear from
- 18 local citizens.
- 19 As a person who volunteered for Sierra
- 20 Club on mining permit issues I can tell from my
- 21 years of experience this is a huge problem, and
- 22 the public cannot get the notices for change that
- 23 impacts their property, their life, their health
- 24 and safety. There is no way for them to protect

- 1 their basic rights in this state.
- 2 Another great concern is liability and
- 3 burden of proof, and that's been briefly referred
- 4 to before. The law says that it is presumed that
- 5 water pollution found within 1,500 feet of a
- 6 fracking operation was caused by the fracking.
- 7 In other words, the unique thing about
- 8 the legislation was the industry, the frackers
- 9 have the burden of proof. It's on them, and it
- 10 is assumed that they have caused the pollution.
- 11 Unfortunately, in the proposed rules
- 12 as they are currently, and which is totally
- 13 unacceptable, the proposed rules have -- it
- 14 limits the presumption to a much smaller set of
- 15 indicator chemicals. It's only about a hundred,
- 16 not the over 300 chemicals that could be causing
- 17 problems. This is a grave deficit in the
- 18 pollution rules as proposed.
- 19 Another thing that's really critical
- 20 is the emergency response and disclosure in the
- 21 law it says that trade secret protected
- 22 information about chemicals should be given to
- 23 health workers when necessary to treat a patient
- 24 in emergency and nonemergency situations.

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1 Currently the rules are totally
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- 2 inadequate. They say IDNR has discretion. They
- 3 should be contacted during business hours, no
- 4 promise of any response.
- 5 This is totally inadequate for the
- 6 health and safety of citizens. We ask that these
- 7 rules be sent back and revised to at least meet
- 8 the minimum that the law says.
- 9 Thank you.
- 10 HEARING OFFICER WELCH: Thank you.
- I will try these people one more time,
- 12 and they are going to go to the bottom of the
- 13 road. Thomas Graballski. Okay, Thomas, You've
- 14 had two shots.
- Mike Ewing.
- MR. EWING: Yes.
- 17 HEARING OFFICER WELCH: All right.
- 18 Mr. Ho.
- 19 MR. HO: My name is Kelvin Ho, that's
- 20 K-e-l-v-i-n. My last name is Ho, H-o.
- 21 Before I begin making my comments
- 22 about the specificities of the rules, I'd just
- 23 like to mention sort of how ridiculous this whole
- 24 process is.

- 1 It's very clear that IDNR does not
- 2 have the time nor the resources to actually
- 3 develop rules that can adequately protect the
- 4 health and safety of Illinois or the people or
- 5 the environment.
- 6 I've been reading these rules and
- 7 trying to draft out, like, all of the issues with
- 8 the rules, and, like, we're trying to generate
- 9 one issue a day, and, like, the list is already
- 10 over a hundred, and there's simply not enough
- 11 time to have people provide all the comment on
- 12 these rules and the issues in either -- both the
- 13 online comment submission process or the
- 14 hearings.
- There's, like, 45 days, and, like, I
- 16 don't understand how people -- there's no mention
- 17 of any sort of independent experts or consulting
- 18 other agencies. We're reaching out to, like,
- 19 professors in Colorado University, reaching out
- 20 to professors in Indiana University about issues
- 21 of radioactivity, about issues of, like, well
- 22 integrity in Cornell, and, like, none of these
- 23 scientific authorities or agencies are being
- 24 mentioned in these rules.

- 1 It seems pretty commonsensical that
- 2 you would consult independent experts around
- 3 these issues.
- 4 No mention of these. It would seem to
- 5 me that if you're going to begin a job as a
- 6 government bureaucrat to, like, actually protect
- 7 the safety of Illinois citizens and serve their
- 8 interests that you would take the time and spend
- 9 as much research as you can to make sure that
- 10 people are being protected.
- It's clear that this is not happening.
- 12 I don't understand why the comment process is not
- 13 being extended, why these agencies aren't being
- 14 extended.
- The Illinois Emergency Management
- 16 Authority is reaching out to us and telling us to
- 17 submit these comments to them, because they
- 18 clearly aren't getting any information about the
- 19 radioactivity problems of these rules, so, with
- 20 that, let's move into the issue of radioactivity,
- 21 for example.
- It's been shown, as people have
- 23 mentioned, that Illinois -- much of southern
- 24 Illinois the oil brine is 67 times the maximum

- 1 contamination level of the EPA. That's five
- 2 picocuries per gram.
- 3 At that level I think it's pretty safe
- 4 to assume that all of the produced water, if not
- 5 most of it, is going to be radioactive, and if
- 6 there's already an Illinois rule on the
- 7 Radioactivity Waste Management Act, if that act
- 8 exists, why there is no reference to that in the
- 9 rules, and why is there not, like, actually
- 10 talking about the worker safety standards that
- 11 comes with managing radioactive waste, the
- 12 transportation requirements, or the disposal
- 13 requirements. None of that is mentioned in the
- 14 rules.
- 15 Like in Ohio right now there's all
- 16 sorts of loopholes that allow people to, like --
- 17 allow the companies to mix the radioactivity
- 18 wastes with all sorts of other chemicals to
- 19 dilute it, and now it's contaminating the
- 20 groundwater. There's actual radioactive brine in
- 21 people's drinking water.
- We just have to, like, look to prove
- 23 for, like, all of the problems that come with,
- 24 like, inept management of radioactive wastes.

- 1 Quite frankly, I think we should assume that,
- 2 like, all of the produced water is classified as
- 3 low level radioactive waste and put it upon
- 4 companies to show that it isn't.
- If the average is 67 times the maximum
- 6 level of the EPA, that would be the common sense
- 7 thing to do.
- 8 The other thing is, like, I mean, the
- 9 whole issue of non-water fracturing is another
- 10 thing. Without, like, getting any sort of
- 11 scientific evidence for how to, like, come up
- 12 with the level at which we judge high level
- 13 hydraulic fracturing for, like, mixed fracking
- 14 that includes both water and gas or foam or ones
- 15 that only use gas and foam it basically seems,
- 16 like, IDNR is sort of coming up with some random
- 17 way of, like, equating liquid gallons with gas
- 18 gallons and allowing companies to basically
- 19 completely be exempt from the regulations
- 20 altogether.
- 21 This is a huge loophole. Why even
- 22 write the rules if you're going to leave a
- 23 loophole that is going to allow all of these
- 24 companies to add enough gas or foam to basically

- 1 exempt the regulations altogether?
- That, to me, shows that IDNR is not
- 3 doing its job, or I guess it's being paid off by
- 4 the oil and gas industry. There's so many
- 5 problems.
- 6 HEARING OFFICER WELCH: Your time is
- 7 up.
- 8 MR. HO: Okay. Thank you.
- 9 HEARING OFFICER WELCH: Let's see.
- 10 Gianna Chacon.
- 11 All right. Mr. Ewing.
- MR. EWING: My name is Mike Ewing. I
- 13 represent no one. I'm just an independent
- 14 citizen of this area, born and raised here,
- 15 haven't been imported to give any speeches.
- 16 I had no intentions of speaking
- 17 tonight, but after hearing a few things, I did
- 18 want to make some comments.
- 19 One thing when I was a young man I
- 20 used to go with my dad quail hunting down in
- 21 southeastern Illinois, and the villages and the
- 22 cities and the towns down there were very active,
- 23 and they was bustling little communities. The
- 24 windfall profits tax of the '70s annihilated

- 1 southern Illinois.
- I don't think that most of the people
- 3 realize it. I don't think any of the politicians
- 4 in Washington that passed the law have any idea
- 5 what they did to it. I don't think they care,
- 6 and I think the fracking and the deep well
- 7 horizontal drilling we have another opportunity
- 8 to revitalize this area, and I think it would be
- 9 very foolish to pass this opportunity.
- Now, at one time I was an
- 11 environmentalist, and that was before everybody
- 12 got silly with this. I mean they've taken it to
- 13 a level that I think is -- I don't agree with,
- 14 so, anyhow, that's all I have to say.
- 15 HEARING OFFICER WELCH: Okay. Thank
- 16 you, Mr. Ewing.
- Joseph Knotts.
- 18 MS. CHACON: First, I want to thank
- 19 you guys for allowing me to speak today. My name
- 20 is describe Gianna Chacon. I'm a student at
- 21 Roosevelt University in Chicago.
- 22 COURT REPORTER: You're going to have
- 23 to spell your first and last name.
- MS. CHACON: G-i-a-n-n-a, C-h-a-c-o-n.

- 1 I'm a student at Roosevelt University in Chicago.
- 2 I'm also a member of the IRON Student Network,
- 3 and I'm here for Fair Economy in Illinois. I'm
- 4 also a resident of Dixon, Illinois, which is
- 5 about two and a half hours west of Chicago.
- 6 The reason I'm here today is growing
- 7 up in Dixon, Illinois, one of our prominent
- 8 features in our part is the fact that we have two
- 9 great national parks. We're also about 45
- 10 minutes to an hour from the Starved Rock Park
- 11 which is probably one of the greatest national
- 12 parks in Illinois minus the Shawnee National
- 13 Forest.
- 14 So my comments will be on the
- 15 radioactivity that occurs in fracking and how it
- 16 may affect the national parks' waters.
- 17 Unfortunately, Illinois shale rock has
- 18 some of the highest levels of uranium, and in
- 19 Section 245.85 it only provides testing of
- 20 fracking fluids only once during the early
- 21 flowback stage and only for naturally occurring
- 22 radioactivity in materials.
- 23 The proposed rules do not require the
- 24 testing of produced water which is a water

- 1 produced from the well in conjunction with the
- 2 oil and natural gas. This is where radioactivity
- 3 is most likely to show up, and it should be noted
- 4 that while these rules have been prompted to be
- 5 the strongest in the nation, the Pennsylvania
- 6 laws requires testing of produced water at two
- 7 separate intervals.
- 8 Once again, that is where the
- 9 radioactivity is most likely to show up, so what
- 10 I recommend is that the produced water should be
- 11 at least tested twice to the standard of
- 12 Pennsylvania, but because the law is limited to
- 13 one test, I recommend that the test occur greater
- 14 than every 21 days to obtain an accurate reading
- 15 on the radioactivity and test for naturally
- 16 occurring radioactivity material according to the
- 17 Illinois Low Level Radioactivity Waste Management
- 18 Act.
- In order to do this, that's the way we
- 20 can protect our national parks which is one of
- 21 your greatest resources here in Illinois.
- Thank you.
- 23 HEARING OFFICER WELCH: Thank you,
- 24 ma'am.

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1 We're going to need JoAnn Conrad.
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- 2 All right, Mr. Knotts.
- 3 MR. KNOTTS: Hi. My name is Joseph
- 4 Knotts. That's K-n-o-t-t-s, and I wanted to
- 5 comment on the section about this -- of this
- 6 draft that the IDNR has put forth that
- 7 essentially it allows -- it requires the consent
- 8 of the municipal government in order to allow
- 9 fracking within -- within the municipal areas,
- 10 and I think that's great. I think it allows for
- 11 dissent of the locals to say no to fracking if
- 12 they choose to.
- 13 The one problem that I would like to
- 14 point out, though, is that it is -- there is
- 15 not -- there is not the same provision anywhere
- 16 mentioned in the draft about the -- about the
- 17 county level, and that the -- and the problem
- 18 with that is that there's not predicted to be any
- 19 fracking to occur within a municipal area, and so
- 20 if you're not under municipal government, then
- 21 you basically don't have the right to say no,
- 22 even though you're going to be more likely to be
- 23 subject -- to be subject to fracking in or near
- 24 your community, and so I would like to advise

- 1 that -- that the county level government would
- 2 also be able to dissent to this.
- And I also wanted to add to a lot of
- 4 people have been talking about the radiation as
- 5 well as the VOCs and all these things that are
- 6 causing -- that are known to cause cancer and
- 7 other diseases, and I just wanted to use that to
- 8 respond to any incentives that some people seem
- 9 to have, and that if the IDNC might have any
- 10 incentive to loosen regulations based on economic
- 11 reasons. I would like to point out that a large
- 12 part of the state, especially where I'm from,
- 13 which is Bloomington, Illinois, is highly
- 14 dependent on insurance for -- for -- for its
- 15 economic flows, and that in the long term, at
- 16 least, when these regulations that are too loose
- 17 end up creating -- creating diseases that will
- 18 affect large numbers of people in these states
- 19 that are covered by insurers that are
- 20 headquartered in this state, it's going to end up
- 21 being very harmful to our economy, not to mention
- 22 harmful to our state deficit, so if that was --
- 23 if you had any economic mind to loosen
- 24 regulations, then I would advise you to

- 1 reconsider them.
- 2 Thank you.
- 3 HEARING OFFICER WELCH: Thank you,
- 4 sir.
- 5 We're going to need -- is it Angel
- 6 Sides? I can't read the writing. Okay,
- 7 Ms. Conrad.
- 8 MS. CONRAD: Hi. I'm JoAnn Conrad,
- 9 that's J-o-A-n-n, no E, Conrad, C-o-n-r-a-d.
- 10 I'm the downstate organizer for Frack
- 11 Free, and I want you all to know that you folks
- 12 from around here, this isn't your daddy's
- 13 fracking. My best friend is from Flora, and I
- 14 don't want to see her die from cancer that can be
- 15 caused by radiation.
- 16 I visit Shawnee Forest. I don't want
- 17 to see it destroy that, and I resent the
- 18 implication that I'm being imported. I live in
- 19 Springfield, and I had to drive really far,
- 20 because you didn't have hearings near me, in the
- 21 fog and risked my life, so we need to fix that.
- 22 We need more hearings.
- 23 I testify before you as a guardian of
- 24 Mother Earth. I am a daughter, a mother, a

- 1 sister, a wife, and a teacher. I earned a BA
- 2 from Illinois State University in the area of
- 3 legal studies. I hold a master's in education
- 4 from the University of Illinois.
- 5 I have advocated for stronger fracking
- 6 regulations. I've read the rules and the
- 7 science. I was present when fracktivitsts from
- 8 around the country came to Illinois to beg
- 9 politicians and the Sierra Club to wait for
- 10 health studies that were due out.
- I would jokingly say we needed to wait
- 12 for the legislatures to actually read the science
- 13 we were providing as well as the rules
- 14 themselves. Sadly, a vote was taken, and the
- 15 science and the rules were unread, undigested,
- 16 and rushed through.
- 17 The legislators said they had no time
- 18 to read either, because the boat had left the
- 19 dock, and then they got on even though the ship
- 20 is destined to sink.
- 21 The author and now famous
- 22 environmentalist Aldo Leopold held, "A thing is
- 23 right when it tends to preserve the integrity,
- 24 stability, and beauty of the biotic community.

- 1 It is wrong when it tends otherwise," and instead
- 2 of doing right, the State of Illinois is doing
- 3 wrong. If the regulations were allowed by
- 4 Governor Quinn, the Madigans, and the IDNR to be
- 5 left loose and non-specific, lives and land will
- 6 be endangered.
- 7 Progressives know that short-term jobs
- 8 and long-term suffering is wrong. Union workers
- 9 know that fracking jobs are highly dangerous.
- 10 Communities have suffered, declined, and been
- 11 permanently abandoned, left to turn to a ghost
- 12 town.
- We're in a rush to take the quick way
- 14 on a road that will soon be torn apart, over a
- 15 river that will soon be dead, and through the
- 16 woods that will soon be gone.
- I refer now to the Chicago hearings.
- 18 There, when summarizing, no mention of radiation
- 19 was made. Radiation is a major concern. If you
- 20 live here near Clinton, as I do, you worry about
- 21 radiation and earthquakes in a fault zone. There
- 22 are dangers.
- 23 In the public act there is a broad
- 24 mandate for the IDNR to act. Rules that protect

- 1 the public health and the environment, Section
- 2 175, high volume horizontal hydraulic fracturing
- 3 operations.
- 4 Section 175(A), general, 2, all phases
- 5 of high volume horizontal hydraulic fracturing
- 6 operations shall be conducted in a manner that
- 7 shall not pose a significant risk to public
- 8 health, life, property, aquatic life, or
- 9 wildlife.
- 10 Section 183, order authority: The
- 11 Department may issue conditions within anywhere
- 12 to protect the public health or welfare of the
- 13 environment.
- 14 The IDNR has not followed through with
- 15 their expressed responsibilities in the public
- 16 act 098-022 to protect the public health and
- 17 environment as it relates to radioactivity
- 18 brought by fracking.
- 19 The IDNR has only allowed for the
- 20 testing of the flowback water in the adjacent
- 21 ground and has not regulated the testing of the
- 22 produced water for radioactivity. This will
- 23 certainly impact on the health of the public and
- 24 the workers and on the ground frack fields.

1 Thank you. I hope you'll do the right

- 2 thing.
- 3 HEARING OFFICER WELCH: Thank you.
- We need Dan -- is it Niebrugge?
- Ma'am, your turn.
- 6 MS. SIDES: My name is Angel Sides.
- 7 That's A-n-g-e-l, like angel in heaven; Sides,
- 8 like two sides of a coin.
- 9 I do a commentary on Access 4, and I
- 10 brought a copy of my -- that I've done on
- 11 fracking, if anyone here wants it.
- 12 HEARING OFFICER WELCH: Put it in the
- 13 box when you're done there, if you would.
- 14 MS. SIDES: Okay. Sure. I can read
- 15 this as well.
- I, too, don't want to develop cancer
- 17 or have children in Illinois being born with
- 18 autism or another birth defects. I, too, do not
- 19 want damage to devalue property from earthquakes
- 20 and unusable water.
- 21 One thing a fellow activist that I
- 22 know brought up is Springfield sits on coal mines
- 23 that were dug out years ago, and there may be
- 24 something that would happen with that where we

1 would end up like the community of Bayou Corne or

- 2 something worse, a sinkhole.
- 3 I think all citizens in Illinois would
- 4 be here if our media wasn't so corrupted, our
- 5 media sponsored by corporations, such as the oil
- 6 industry. I think the truth is only on
- 7 independent media, such as Free Speech TV and
- 8 Link TV. Cable does not cover these stations. I
- 9 have a problem with that. They're only on
- 10 satellite TV, and they live stream online.
- 11 Global warming is not a hoax.
- 12 Scientists have reported in July of 2013, and
- 13 these are facts I've gotten from independent
- 14 media, the arctic ice sheet that keeps the carbon
- 15 stable, the arctic ice sheet that keeps the
- 16 carbon stable lost 41,000 square miles every
- 17 single day and kilometer-wide columns of methane
- 18 gas were bubbling up from the ocean floor.
- 19 James Hansen from the NASA Goddard
- 20 Institute was quoted in the New York Times as
- 21 saying if this dirty oil is refined, it will be,
- 22 quote, end game, unquote, for the planet.
- Dr. Michael Benton, Professor of
- 24 Paleontology at Bristol University and others

- 1 have used the term for the carbon increase in our
- 2 atmosphere as, quote, the sixth mass extinction,
- 3 unquote.
- 4 And Peter Ward, Professor of
- 5 Geophysics at the University of Washington,
- 6 refers to global warming in the context of
- 7 agriculture disruption as a, quote, civilization
- 8 tipping event, unquote.
- 9 And when interviewed on the Thom
- 10 Hartman Show he said, "We have in the longer term
- 11 mass extinction and in the shorter term human
- 12 population extinction."
- 13 It doesn't matter how safe the wells
- 14 are or how safe the oil is transported, it is the
- 15 refining of the oil that is going to kill us.
- 16 These are scientists. This is science. This is
- 17 independent media.
- In 1893 Rudolf Diesel invented an
- 19 invention that ran on peanut oil. After he died,
- 20 mysteriously his invention was discredited, and
- 21 the public was told his engine only ran on
- 22 petroleum.
- 23 In 1970 Tom Ogle of El Paso invented a
- 24 vapor engine that got a hundred miles per gallon.

- 1 After he died, mysteriously his engine
- 2 disappeared, and his inventory was discredited --
- 3 or his invention was discredited.
- 4 It's obvious years ago we had the
- 5 technology for clean air and a healthy planet and
- 6 that these inventors were obviously whacked.
- 7 HEARING OFFICER WELCH: You've got
- 8 about 15 seconds.
- 9 MS. SIDES: If the fines -- if the
- 10 fines Illinois imposes on the oil industry are
- 11 less than the profits oil industry makes, it will
- 12 have -- it will still have toxic air and water.
- 13 The oil industry has a track record of
- 14 eating the costs of fines. If the devil knocks
- 15 on your door, you slam it in the devil's face.
- 16 You don't invite him in to negotiate.
- 17 I, obviously, think we should have a
- 18 moratorium on fracking. Because of citizens
- 19 united our politicians are dependent on
- 20 corporations for their campaigning. Our
- 21 government is being ran by the mob, and greed is
- 22 destroying our planet and our health.
- 23 Because of this, my gut feeling is
- 24 nothing will come of this hearing, and what I

- 1 came here to say is Bill McKibben is right. It's
- 2 time to engage in a militant type of civil
- 3 disobedience and put our bodies between the
- 4 machines ready to frack our states and the whores
- 5 willing and ready to operate that machinery.
- If we do not take the attitude, fire
- 7 me, imprison me, kill me. We are already dead.
- 8 Thank you.
- 9 HEARING OFFICER WELCH: Thank you.
- 10 Did Thomas Graballski ever show up?
- 11 Okay. Three strikes, and he's out.
- 12 Is he here? Come on down here. Where
- 13 have you been?
- Okay, sir.
- DR. NIEBRUGGE: My name is Dan
- 16 Niebrugge. I'm a pediatric oncologist. My day
- 17 to day job is taking care of kids with cancer.
- 18 HEARING OFFICER WELCH: Could you
- 19 spell your last name?
- DR. NIEBRUGGE: N-i-e-b-r-u-g-g-e.
- 21 I'd like to voice my concern about
- 22 fracking not because I know that this causes
- 23 pediatric cancer. I don't know what causes
- 24 pediatric cancer, but I'm quite concerned about

- 1 the Haliburton loophole allows chemicals to be
- 2 used that we know nothing about, and they don't
- 3 have to release them when they do fracking.
- 4 And something causes pediatric cancer.
- 5 I don't know what it is, but I'm really afraid
- 6 about these chemicals being released into the
- 7 ground, and we don't have any control, and we
- 8 don't even know what they are, so until we have
- 9 more studies to know what this is, I'm really
- 10 quite concerned about this regulation.
- 11 Thank you.
- 12 HEARING OFFICER WELCH: Thank you,
- 13 sir.
- 14 Mary Swanson. Okay, sir. Can you
- 15 spell your last name, please?
- 16 MR. GRABALLSKI: Yes.
- 17 G-r-a-b-a-l-l-s-k-i.
- 18 HEARING OFFICER WELCH: Thomas is your
- 19 first name?
- MR. GRABALLSKI: Correct.
- I believe that there should be an
- 22 addition to the regulations for operations to
- 23 cease work during hours when the sun is not up.
- 24 Operations produce light and noise pollution.

- 1 This pollution will affect humans and wildlife
- 2 while they sleep.
- 3 Also, there's a lack of regulation for
- 4 operations to adhere to the Clean and Water
- 5 Act -- Clean Air and Water Act, sorry, and I also
- 6 would like there to be more public hearings and
- 7 public hearings in the counties where these
- 8 operations would be located.
- 9 Thank you.
- 10 HEARING OFFICER WELCH: All right.
- 11 Thank you, sir.
- 12 Is Mary Swanson here? And then we're
- 13 going to have Vito Mastrangelo. I've seen these
- 14 people before. Vito, are you still here?
- Okay, ma'am.
- 16 MS. SWANSON: The first thing that I
- 17 really want to say is -- I'm sorry, Mary Swanson,
- 18 S-w-a-n-s-o-n.
- 19 The first thing I would like to say is
- 20 I don't think there is any such thing as safe
- 21 fracking. It's not safe for the environment.
- 22 It's not safe for the workers.
- I -- also, I have worked in the
- 24 medical profession. I've spent time in an

- 1 emergency room. You can't wait until Monday to
- 2 find out what you're treating your patient for.
- 3 It just isn't going to work, because who knows?
- 4 They might be dead by Monday.
- 5 We don't know what these chemicals
- 6 are, and I don't even know how they can train
- 7 their workers on safety, you know, OSHA training
- 8 if they don't even know what it is that they're
- 9 being exposed to, and, again, I think that
- 10 doctors -- doctors need to be -- if this is going
- 11 to be done, which, again, I think it's a really
- 12 bad idea, but if the doctor is going to treat
- 13 somebody who has been chemically exposed, he
- 14 needs to know right now, he needs to know right
- 15 now what chemicals it is, and there needs also to
- 16 be available some sort of -- because everybody
- 17 can't be an expert on everything. They need to
- 18 have available instructions on what this chemical
- 19 can do to people and what kinds of things can
- 20 ameliorate those problems, so that's one thing
- 21 I'd like to talk about.
- 22 Another thing that I would like to
- 23 address is -- has been brought up a couple of
- 24 times the fact that counties are not really

- 1 considered an entity as far as being able to have
- 2 any kind of control over things. As people have
- 3 said before, they're not looking to frack in the
- 4 middle of Carbondale or Effingham or Chicago.
- 5 They're looking to frack out in the middle of
- 6 nature, you know, where we'd like to do other
- 7 things, actually, and so I believe that the
- 8 counties and townships, or whatever kinds of
- 9 entities that we have, should be able to have
- 10 some input into this as well.
- 11 And, finally, the interested persons,
- 12 the 1,500, whatever feet from this or that, coal
- 13 mines have to go way further than that when they
- 14 are telling people what's going on. I know I
- 15 live probably five miles from a proposed coal
- 16 mine, and we all got notices about this coal
- 17 mine. They're going to be doing this blasting
- 18 and blah, blah, blah, and you need to go out, and
- 19 you need to document your -- take pictures of
- 20 your foundation, not that they're going to come
- 21 and do that, mind you, but I have to do that,
- 22 which is pretty cheap.
- 23 It's not cheap to go and have your
- 24 water tested. It's very expensive. I should not

- 1 have to do that, and I understand that people who
- 2 have done that the industry said, oh, that's a
- 3 bad test. Our test didn't say the same thing, so
- 4 I think it's very important that pretesting of
- 5 resources, rivers, wells, aquifers is done and is
- 6 done at the expense of the industry and not of
- 7 the landowner.
- 8 HEARING OFFICER WELCH: Thank you.
- 9 MS. SWANSON: Thank you.
- 10 HEARING OFFICER WELCH: Jessica
- 11 F-u-j-a-n.
- 12 Spell your last name. Okay, sir.
- MR. MASTRANGELO: Vito, Mastrangelo,
- $14 \quad M-a-s-t-r-a-n-g-e-l-o.$
- 15 Thank you for the opportunity to speak
- 16 again. I saw you at Rend Lake College and wanted
- 17 to supplement what I said there.
- 18 Also, I wanted to give a personal
- 19 anecdote, but first I wanted to say that I stand
- 20 here in support of the people who have traveled a
- 21 great distance and expense to be here. It shows
- 22 a lot of courage to speak out against industry
- 23 and what they plan to do, and, you know, so far
- 24 it's fallen on deaf ears, and we're kind of

- 1 hoping that you're a little more -- take our
- 2 concerns into a little more consideration.
- I live -- I'm an attorney. I live in
- 4 Jefferson County, rural Jefferson County. I have
- 5 an oil well just across the road from my own
- 6 property. I own -- my wife and I own 51 percent
- 7 of the mineral rights, and I was told at the time
- 8 that we bought our land that we would be able to
- 9 stop drilling on our land.
- Now, that might apply to vertical
- 11 drilling, but now I'm concerned that horizontal
- 12 drilling would be allowed to go underneath my
- 13 land without my consent, and I urge you to look
- 14 at the definitions in your draft rules to make
- 15 sure that I retain my rights to my subsurface, so
- 16 that's why I've been following the fracking rules
- 17 especially, because I have a well that close to
- 18 me.
- 19 What I wanted to say that the people
- 20 here who are speaking out against fracking don't
- 21 do so out of profit motives. Unlike industry,
- 22 they're not in it for the money, but the people
- 23 here are speaking about environmental issues and
- 24 public health issues. They are concerned about

- 1 people's health. They're concerned about their
- 2 property values, so please take that into account
- 3 also when you rewrite these rules, as I expect
- 4 you will.
- 5 My supplement to the testimony I gave
- 6 at Rend Lake College is about noise and light
- 7 pollution, specifically light pollution. I have
- 8 this map here of the night sky of the United
- 9 States, and I'll show this around to you in just
- 10 a minute, but there is an area in the great
- 11 plains where there are no big cities and yet
- 12 there is an area of lights that is as large as
- 13 Atlanta, perhaps not as dense but yet as large,
- 14 and that is the Bakken oil fields.
- Now, I raised this issue for two
- 16 reasons: One is to show that there are light
- 17 pollution issues, and if you can imagine the
- 18 wells in every one of these lights, you can
- 19 imagine the noise pollution, but, also, because
- 20 it shows the scope and the magnitude of the
- 21 fracking industry.
- 22 If they find oil and fracking works in
- 23 southern Illinois, we're not talking about a few
- 24 wells. We're talking about something that looks

- 1 like a large city, and so, again, I'd like to ask
- 2 you to take that into consideration when you're
- 3 rewriting the rules.
- 4 HEARING OFFICER WELCH: All right.
- 5 Thank you, sir.
- 6 Jessica has been at every one of our
- 7 meetings, so we're friends here.
- 8 MS. FUJAN: I'm an enthusiast.
- 9 HEARING OFFICER WELCH: Georgia,
- 10 maybe, de la Garza.
- 11 Okay. Now.
- 12 MS. FUJAN: My name is Jessica Fujan.
- 13 Last name is F-u-j-a-n. I'm the Illinois
- 14 organizer for Food and Water Watch.
- I wanted to talk tonight about
- 16 volatile organic compounds. So, unfortunately,
- 17 Illinois has given the fracking industry a free
- 18 license to use open air pits holding toxic
- 19 wastes. In Sections 245.210(A)11, 245.510, and
- 20 Section 245.830 all of these would allow the oil
- 21 and gas industry to use open air pits.
- 22 Volatile organic compounds in the
- 23 industry's waste waft off of these pits, and it
- 24 is believed to be the reason that many people

- 1 living and breathing their waste pits are
- 2 experiencing severe health problems.
- 3 Fracking flowback is the waste fluid
- 4 that flows up the surface immediately after
- 5 fracking. It is a multi-phase fluid meaning it's
- 6 a mix of liquid and gas, and it is chocked full
- 7 of sand and other earthen bits.
- 8 The makeup of the gaseous portion of
- 9 flowback is not very well characterized. The
- 10 amounts of the different volatile organic
- 11 compounds and other hydrocarbon gasses in
- 12 flowback vary by region, so this is something
- 13 that we won't know about until it's happening to
- 14 us and causing us unique problems here in
- 15 Illinois.
- 16 Of course, many of these gasses are
- 17 harmful, particularly BTEX compounds, which are
- 18 benzene, toluene, ethylbenzene, and xylene.
- 19 These gasses waft off open air waste pits and
- 20 into our communities and are unfortunately
- 21 breathed by the people nearby.
- The liquid version of the flowback is
- 23 a mix of used fracking fluids and so-called
- 24 formation water, or brine, that has long been

- 1 trapped deep underground and which has been full
- 2 of numerous harmful metals and other chemicals.
- 3 Of course, the spent fracking fluid
- 4 liquid typically contains harmful chemicals as
- 5 well as those protected, which chemicals are
- 6 unknown, and for the reasons that have been
- 7 stated by previous commentators, it's very
- 8 important that we know these things.
- 9 Unfortunately, at this point we don't.
- 10 These liquid wastes can spill over the
- 11 liners and contaminate land and watersheds at
- 12 drilling sites, so an open air waste pit is an
- 13 almost guaranteed failure on a number of health
- 14 accounts.
- No one understands this threat better
- 16 than the residents of an area northeast of
- 17 Denver and Boulder that was recently hit hard by
- 18 the flooding in September. Weld County,
- 19 Colorado, has nearly 18,000 active fracking wells
- 20 and is also a main drilling center and a state
- 21 that is increasingly reliant on hydraulic
- 22 fracturing for energy production.
- 23 A search of Colorado oil and gas
- 24 information systems show that the state recorded

- 1 nearly 20 spill incidents in September even
- 2 before the flooding began.
- 3 It is still unknown the full effect
- 4 that the flooding and the spreading of these
- 5 toxic chemicals from the pits has had in
- 6 Colorado. This is something that's highly
- 7 disputed because, of course, the industry would
- 8 like to say that it has nothing to do with the
- 9 chemicals that are now strewn all over the
- 10 surface of Colorado, and this is a problem that
- 11 is going to require basically the state to fight
- 12 private companies to take responsibility for
- 13 toxic wastes that was moved by flood waters.
- It was brought up in a number of
- 15 statements in previous hearings that much of the
- 16 fracking that is slated to begin in Illinois will
- 17 happen on a hundred year flood plain. This is a
- 18 serious concern, not just for people who live
- 19 directly adjacent to a fracking well site but
- 20 people who live anywhere within the flood plain
- 21 who hope to keep BTEX which is, again, benzene,
- 22 toluene, ethylbenzene, and xylene off of their
- 23 lawns and out of their lungs.
- 24 A number of the spill incidents that

- 1 took place in Colorado have been in Weld County
- 2 and involved hydrocarbons and benzene, and the
- 3 American Cancer Society has listed both of these
- 4 as carcinogens.
- 5 This is not something we want in
- 6 Illinois. We should avoid these problems and ban
- 7 the use of waste pits in the state. Doing so
- 8 would allow us to mitigate the risks associated
- 9 with environmental contamination due to fracking.
- 10 However, to remove this risk entirely
- 11 and protect Illinois's natural resources, which
- 12 I'm pretty sure is your job, we should consider
- 13 disallowing all permits until fracking has been
- 14 proven safe and risk free.
- 15 Thank you very much.
- 16 HEARING OFFICER WELCH: Okay.
- Ma'am, spell your name, please.
- MS. DE LA GARZA: Yes. My name is
- 19 Georgia, like the state, and d-e space l-a space,
- 20 capital G-a-r-z-a.
- 21 And I want to thank all of you for
- 22 taking the time away from your families being
- 23 here on this very vital issue that we have facing
- 24 us.

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1 We have been encouraged to comment on
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- 2 sections of the regulatory act on HVHF. As a
- 3 group of concerned citizens from southern
- 4 Illinois, the Shawnee Hills Hollers, we reject
- 5 the regulatory bill as we reject fracking.
- 6 I've read the bill like I hope many
- 7 others in here have several times, and I can't
- 8 help but focus on one word that I've seen in that
- 9 bill: frivolous.
- I think you will go through the bill,
- 11 and I think that you guys probably came up with
- 12 that word as it was being composed, and that
- 13 leads me to the IPA and IRONs and then agreed by
- 14 Sierra, the dirty dozen, which I think at this
- 15 time we really should call it the naughty list.
- So I'd say Section 245.850 only
- 17 provides for testing of fracking fluids only once
- 18 during the early flowback stage and only for
- 19 naturally occurring radio materials, and that's
- 20 frivolous, frivolous.
- 21 Okay. Let's go with fracking and
- 22 earthquakes. The INDR [sic] rules have created a
- 23 dangerous and inadequate warning shutdown system
- 24 for injection wells tied to seismic events and

- 1 have given companies no reason to actually abide
- 2 by this warning system other than small fines.
- 3 That's frivolous.
- 4 Revoking permits if the wells aren't
- 5 built to specification. Section 170 in the bill,
- 6 standards set by the American Petroleum
- 7 Institute, API, the rules create absolutely no
- 8 incentive for companies to meet these standards.
- 9 Section 245.1100, that's frivolous.
- 10 Weak fines for administrative and
- 11 operating violations: I'm just going to say \$50
- 12 fines? That's frivolous.
- 13 Level control: Section 245.210
- 14 requires that fracking permits include documents
- 15 certifying consent for fracking operations to
- 16 accord for all authorities affiliated with the
- 17 particular city, village, or incorporated town
- 18 where the well site is supposed to be located and
- 19 that no permit be issued otherwise.
- 20 This section demonstrates blatant
- 21 disregard for the realities of the geography of
- 22 our southern Illinois and fracking in our
- 23 southern Illinois. That's frivolous.
- 24 Wastewater storage: The rules drafted

- 1 by the IDNR, Section 245.830, 245.850 contain a
- 2 huge loophole that allows fracking companies to
- 3 store this highly toxic wastewater until seven
- 4 days after the completion of fracking. That's
- 5 frivolous.
- I've been in the media for about 30
- 7 years. My husband was a journalist. We traveled
- 8 the world. We fought a lot of environmental
- 9 issues.
- 10 One of the things that stick out to me
- 11 the most that I feel this coming is work in the
- 12 DR Congo with Haliburton has been fracking there
- 13 since the '90s. Ninety percent of the rural
- 14 population of the DR Congo cannot drink their
- 15 water. I see that coming here.
- 16 We stopped spraying in Columbia of
- 17 toxins that were stored here that we quit
- 18 spraying and using in the United States and took
- 19 them into Columbia and sprayed them there. This
- 20 is frivolous. This is frivolous, and I'm going
- 21 to go on.
- I'm out of time, but just taking the
- 23 12 and not all of the sections that you have in
- 24 here, and you can sit down and tear down every

- 1 one of these sections, that's frivolous.
- 2 You guys have a lot of work ahead of
- 3 you. One of the things that we'd like to do is
- 4 for you just to stop this work and join us in
- 5 banning fracking.
- 6 Thank you.
- 7 HEARING OFFICER WELCH: We've got 20
- 8 minutes.
- 9 Does anybody want to come up here who
- 10 hasn't signed a card or anything saying they want
- 11 to speak?
- 12 Come on up here, sir. Tell us your
- 13 name. Spell your last name, if you would,
- 14 please.
- 15 MR. POELKER: I'm Brian Poelker,
- 16 Effingham. P-o-e-l-k-e-r.
- 17 I've already got my card in there.
- 18 Just a couple of things. I read over -- just a
- 19 couple of points to make.
- 20 It seems like we're talking -- a lot
- 21 of people mentioned fines. On page 127 it says
- 22 the Department may assess a penalty for
- 23 administrative violations, and I underlined the
- 24 word may there, because there's a real

- 1 possibility that no fine may be assessed as small
- 2 as it may be.
- I do have a concern about the
- 4 earthquake problems in southern Illinois with the
- 5 fault lines. It seems like if there's a 925
- 6 fault or earthquake and there's a fracking
- 7 operation within six miles of that thing, that's
- 8 a serious problem, and it shouldn't be left up to
- 9 the operators to decide whether to continue the
- 10 operations or not.
- 11 Thank you.
- 12 HEARING OFFICER WELCH: Thank you,
- 13 sir. Did you want to make a comment, sir? Come
- 14 on down.
- MR. STEFFEN: Hello and good evening.
- 16 My name is Matthew Steffen, M-a-t-t-h-e-w. Last
- 17 name is spelled S-t-e-f-f-e-n, and I would also
- 18 like to echo comments made earlier this evening
- 19 regarding the treatment of radioactive wastes.
- 20 That is an inevitable symptom of
- 21 hydraulic fracturing. I believe it's Section
- 22 245.850, and I think that this waste should be
- 23 treated as low level radioactive waste, and it's
- 24 very important that that type of waste receives

- 1 the proper treatment, and it isn't treated as
- 2 just regular water waste from a fracking
- 3 operation, so that's my request and thank you for
- 4 having us.
- 5 HEARING OFFICER WELCH: All right.
- 6 Thank you, sir.
- 7 Anybody else? We have a few minutes
- 8 left. If not --
- 9 UNKNOWN VOICE: Can I make an
- 10 additional comment?
- 11 HEARING OFFICER WELCH: Well, we've
- 12 got 20 minutes. Why don't you come up here?
- MS. BAKER: Okay.
- 14 HEARING OFFICER WELCH: What's your
- 15 name?
- 16 MS. BAKER: Girwana Baker,
- 17 G-i-r-w-a-n-a, Baker, B-a-k-e-r.
- 18 Listening to people's comments, we've
- 19 heard -- all the catastrophes and all the bad
- 20 things that will happen due to fracking, we know
- 21 this.
- To me, it just seems very important to
- 23 see that you guys are just like us even though
- 24 that we have this board of six people or we're

- 1 here in this room asking for you guys to please,
- 2 please stop fracking, you're just like us. Do
- 3 you know what I'm saying? Like without the
- 4 suits, without the board, we're in this together.
- 5 This is our world. It's not just us here in this
- 6 room. It's our world, and I feel like it's very
- 7 important for us to -- well, I feel like it's
- 8 very important for you guys in a position to --
- 9 where you can hurt or affect people's lives that
- 10 you can take that initiative and change the
- 11 world.
- 12 I mean if I was in your position, I
- 13 would want to change the world as much as
- 14 possible, and you're in the position to do just
- 15 that, and I can't say that being in your position
- 16 is easy, listening to people with thousands of
- 17 comments is easy, going to hearings is easy.
- I'm not saying that it's easy, and I
- 19 know that it's hard, but you chose the job, you
- 20 know what I'm saying, and I respect it a little
- 21 bit for you even taking on the responsibility to
- 22 listen to us.
- In other words, I want to say just
- 24 truly take into consideration how fracking is

- 1 really going to affect people's lives seriously.
- 2 You have that power. Use that power.
- 3 Thank you.
- 4 HEARING OFFICER WELCH: Thank you,
- 5 Ms. Baker, for recognizing that we're human, and
- 6 we have families, and this affects us too. We
- 7 all know that. I mean we're not coming up here
- 8 and rubber stamping things. We're humans too,
- 9 and we have families, and we're not here just,
- 10 you know, just to sit here and listen like potted
- 11 plants. These gentlemen are taking into account
- 12 what is being said here.
- 13 MS. CONRAD: Hi. JoAnn Conrad again.
- 14 Hi. I don't want to end on such a
- 15 happy note. I want to point out that countries
- 16 around the world have banned fracking, at least
- 17 seven: France, Germany, Great Brittain. We're
- 18 looking at Vermont just banned fracking. A lot
- 19 of counties right here in Illinois want to ban
- 20 fracking, but the regulatory bill didn't allow
- 21 for that.
- You guys, you have the power. You can
- 23 interpret these rules, and you can tighten them
- 24 up, and if you don't do it, there's going to be

- 1 lawsuits, and I wonder really how this bill got
- 2 pushed through. I heard a rumor, and we're not
- 3 here to talk about rumors, but how can somebody
- 4 that leases their land to Haliburton or some
- 5 other oil company be a sponsor on a regulatory
- 6 bill? I hope that didn't happen, and I hope you
- 7 guys do the right thing.
- 8 HEARING OFFICER WELCH: Thank you,
- 9 ma'am. Now, we'll want to hear our comments
- 10 concerning the rules or proposed rules. All
- 11 right.
- 12 MR. CARMAN-SWEENEY: All right. My
- 13 name is Erin Carman-Sweeney,
- $14 \quad C-a-r-m-a-n-S-w-e-e-n-e-y$.
- 15 Earlier I had mentioned that this
- 16 hearing process has kind of been an insult to
- 17 democracy, and I wanted to expand upon that,
- 18 because nobody is here to make that accusation
- 19 and not explain why.
- 20 So the last hearing itself at Rend
- 21 Lake I heard these people mention radioactivity a
- 22 dozen or more times, and whenever you went
- 23 through your checklist at the end of the night,
- 24 you didn't mention it. You didn't mention that

- 1 as one of the concerns, so I really hope that
- 2 tonight you do, because, once again, many, many
- 3 people have mentioned it.
- 4 UNKNOWN VOICE: That happened in
- 5 Chicago too.
- 6 MR. CARMAN-SWEENEY: Yes, I wasn't in
- 7 Chicago. You need to extend the comment period.
- 8 We need more local controls so that people can
- 9 actually have a say in this, because,
- 10 realistically, I feel like I'm a privileged
- 11 person to be able to come and speak here, and not
- 12 everyone has the time, and the fact that we don't
- 13 have local control and people can't go to speak
- 14 to their local politicians and say, hey, we don't
- 15 want fracking here or, hey, we do really want
- 16 fracking here, whatever, if people can't actually
- 17 reach out to the legislators and have an impact
- 18 on them and they're not listening, then we really
- 19 don't have a democracy.
- I think that's why some people are
- 21 calling for a revolution, because we're not being
- 22 properly represented, and I think it's time that
- 23 our elected officials start representing us, if
- 24 they want to, you know, still have a state

- 1 government.
- 2 Thank you.
- 3 HEARING OFFICER WELCH: Thanks. Wait
- 4 a minute. Wait a minute. Is there anybody who
- 5 wants to speak who has not spoken?
- 6 Okay. Sir, come on up.
- 7 MR. OLIVER: Thank you. My name is
- 8 Chris, C-h-r-i-s, last name is Oliver,
- 9 O-l-i-v-e-r. I'm a resident and taxpayer in
- 10 Carbondale, Illinois.
- I have just moved here probably seven
- 12 years ago, and I've completed two undergraduate
- 13 degrees. I'm working on my graduate degree in
- 14 Carbondale, so you guys will probably see me
- 15 again on Thursday. It will be nice to see your
- 16 smiling faces. Hopefully, you'll be smiling.
- I do appreciate the time that you have
- 18 given us, especially this time of year it being
- 19 the holiday season and you want to be with your
- 20 family just as much as I would like to be with my
- 21 family. I have not finished reading through all
- 22 the rules, and that's why I did not want to
- 23 comment today, but I felt that I should still
- 24 talk about what's on my mind, and that is the

- 1 list of ingredients, I'm calling it.
- 2 How can you have a company put stuff
- 3 in the earth and not tell us what it is? The FDA
- 4 makes it regulatory that we know what we're
- 5 consuming, and every food product has a list of
- 6 ingredients.
- 7 I'm not asking you to put in this bill
- 8 what percentages of these chemicals they're
- 9 putting in the ground. I'm just asking you what
- 10 are they? Just give us a name. It will help --
- 11 thank you, it will help -- it will definitely
- 12 help those who are in emergency room situations.
- 13 I've had to deal with that myself when
- 14 consuming something, and then the doctor says,
- 15 "What did you consume?"
- 16 My dog has gotten sick, and I've told
- 17 the vet what my dog ate, but if I get sick from
- 18 this water and they don't know what's in it, how
- 19 can they help me or how can I help my son or
- 20 daughters? I may choose southern Illinois to be
- 21 my hometown.
- I'm not for sure what the future is
- 23 for me, but if it is here, I would like it to be
- 24 somewhere that's safe for them, and I'd like to

- 1 know what's being put into my water.
- 2 That's all I ask, just a full list of
- 3 ingredients, and I think it's something that the
- 4 six of you can write up legislation for that.
- 5 Thank you very much for my time.
- 6 HEARING OFFICER WELCH: Thank you,
- 7 sir.
- 8 Anybody else who has not spoken who
- 9 may want to make a comment, suggestion,
- 10 statement? There's a gentleman right back there.
- 11 Come on up, sir, you in the sweater. Didn't you
- 12 want to make a statement? Yes, you. Come on
- 13 down.
- I know you've spoken before, but we
- 15 can't let the front row take over.
- 16 MR. FUGMAN: Yes, it is true that I've
- 17 spoken before. My name is still Elmer Fugman,
- 18 F-u-g-m-a-n, as it was before, and I just want to
- 19 make the following promise to the constituents of
- 20 the State of Illinois. I intend to bombard my
- 21 state representative and state senator to the
- 22 effect that they repeal the law that allows
- 23 fracking.
- 24 That's my statement.

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1 HEARING OFFICER WELCH: Thank you,
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- 2 sir. I'm going to call Mr. Ho. He's been
- 3 bouncing up and down in here.
- 4 MS. TRIPP: Tabitha, Tripp,
- 5 T-a-b-i-t-h-a, T-r-i-p-p, and I respectfully
- 6 request that you extend the comment period,
- 7 because simply I'm going to miss out on my
- 8 daughter's Christmas play and my son's Christmas
- 9 performance, holiday performance to go to
- 10 hearings to stand up for people in Illinois to
- 11 tell you that these rules are hideous.
- 12 They've got huge holes in them, so I
- 13 respectfully request that you extend this comment
- 14 period past the holiday season so we can actually
- 15 spend time with our families.
- 16 Thank you.
- 17 HEARING OFFICER WELCH: Thank you,
- 18 ma'am.
- 19 MR. HO: All right. My name is
- 20 Kelvin, K-e-l-v-i-n, last name is Ho, H-o.
- 21 So I could actually speak here for
- 22 hours and probably --
- 23 HEARING OFFICER WELCH: No, we can't.
- MR. HO: So I can probably fill my

- 1 time just by listing out the chemicals that
- 2 aren't included in the water testing standards
- 3 that were actually mandated by the Act.
- 4 Currently the water testing only
- 5 mandates that a couple indicator chemicals be
- 6 tested in the water testing whereas in the Act
- 7 there are a list of almost a hundred different
- 8 chemicals that ought to be tested that are the
- 9 actual cause of the water pollution, so I can
- 10 start listing them now: Let's see, antimonium,
- 11 beryllium, cobalt, copper, cyanide, fluoride --
- 12 HEARING OFFICER WELCH: Slow down. Do
- 13 you really want to read all those?
- 14 MR. HO: There's over a hundred of
- 15 them. I think that's a good indication of why we
- 16 need more public hearings and extending the
- 17 comment process, because there's simply way too
- 18 many things to talk about in these rules.
- 19 I've got a 50 pager here are all the
- 20 things that are wrong with the rules, and, like,
- 21 there's not enough time to talk about all of
- 22 these. Like, the chemicals alone will probably
- 23 take, like, 15 or 20 minutes to read off.
- It's completely ridiculous.

- 1 I'll talk about a couple of other
- 2 changes in terms of water pollution.
- In Section 245.620(B)2 the word "the"
- 4 before baseline water quality status should be
- 5 stricken to made clear that any baseline water
- 6 quality data, not just the data collected
- 7 pursuant to the Act's requirement may trigger the
- 8 jumps in the water pollution.
- 9 In Section 245.620(B)4 this section
- 10 should be amended to mirror subparagraph (B)2 to
- 11 state that water quality data obtained up to 30
- 12 months after commencement of hydraulic fracking
- 13 operations shows that pollution or diminution of
- 14 water quality has occurred with respect to one or
- 15 more parameters set forth in the relative section
- 16 in the EPA regulations referenced in the Act
- 17 245.610(E).
- 18 245.620(C)4, this section is
- 19 completely superfluous. It's confusing for the
- 20 reasons specified. If the water quality data
- 21 does not show pollution or diminution, then
- 22 there's no presumption to rebut.
- The relevant concepts from the statute
- 24 that should be reflected here and is not is from

- 1 Section 1-85(C)3 specifies a presumption can be
- 2 rebutted if it can be affirmatively established
- 3 that the pollution or diminution had an impact
- 4 and the probable cause other than hydraulic
- 5 fracturing operations.
- 6 Something else that wasn't mentioned
- 7 today was that currently -- or probably was
- 8 mentioned in previous hearings is water testing
- 9 right now is done only 1,500 feet within the well
- 10 site. The horizontal bores of these wells extend
- 11 for miles on end, and that has an equal chance of
- 12 causing water pollution.
- 13 Why is there no water testing around
- 14 these horizontal wells? 1,500 feet is way too
- 15 short. Other states have up to one to three
- 16 miles within this radius.
- 17 There should be a radius around every
- 18 single point along those horizontal bores -- a
- 19 1,500 feet radius or more should be tested for
- 20 water pollution just like anyone within that
- 21 radius should also be able to testify at hearings
- 22 around these issues.
- 23 There's simply way too many issues to
- 24 mention in these comments. I mean I can go on

1 about, like, well integrity standards there's no

- 2 mention of.
- I mean. Let me see. Just way too
- 4 much. Surface casing requirements, Section
- 5 245.530(A), the requirement that surface casing
- 6 be set to a depth prior to the encountering of
- 7 any hydrocarbon bearing zones --
- 8 HEARING OFFICER WELCH: Slow down.
- 9 MR. HO: -- it shall require that if
- 10 such zones are encountered, drilling must stop
- 11 and surface casing must be set or cemented before
- 12 drilling deeper.
- 13 These regulations should further
- 14 require that all such zones be reported to the
- 15 Department.
- 16 Bore hole circulation, Section
- 17 245.530(D) --
- 18 HEARING OFFICER WELCH: Ten seconds.
- 19 MR. HO: The Department shall require
- 20 that the applicant circulate at least two whole
- 21 volumes of drilling fluid to ensure that the well
- 22 is static and all gas fluids are killed.
- There's a whole list of these
- 24 standards that need to be specified in the rules

- 1 in which there's no mention of. Like -- that's
- 2 going to take pages and hours of, like, comments
- 3 to actually specify all these standards, and
- 4 there's no time to do this. We have 45 days.
- 5 How are we expected to provide all of
- 6 these comments? We need way more time.
- 7 Honestly, this should not be the public's
- 8 responsibility. Before these rules are released,
- 9 all of this should have been done.
- 10 HEARING OFFICER WELCH: Okay.
- 11 MR. HO: Thank you.
- 12 HEARING OFFICER WELCH: One more,
- 13 and -- wait a minute. I didn't call you.
- 14 Somebody who has not had a chance to make a
- 15 comment, this is your last chance. Somebody that
- 16 has not made a comment and wants to make a
- 17 comment.
- 18 Come on up here. All right. Ma'am,
- 19 you only have three minutes, and that's it.
- MS. DE LA GARZA: Georgia, d-e l-a
- 21 G-a-r-z-a.
- 22 One thing that I haven't heard in the
- 23 last couple of hearings looking over there in the
- 24 corner and reading some of his writing I do want

1 to bring up, especially in this community, I had

- 2 several people approach me saying I'm
- 3 pro-fracking, although I don't know much about
- 4 it..
- 5 That is one thing that we haven't had
- 6 an issue on are how are communities like this and
- 7 small communities in southern Illinois, who is
- 8 going to be funding the women centers for the
- 9 domestic violence that's on the rise: The sexual
- 10 assault, the HIV, the STDs, all these social
- 11 issues that are rising from these areas of
- 12 fracking.
- We have to do something about that.
- 14 You're going to have to include this, I think, in
- 15 your regulation act. I do. I think it's vital.
- 16 I think it's important.
- 17 You can't just support these oil and
- 18 gas companies and have them pull out and leave
- 19 and leave these communities with these issues.
- Thank you.
- 21 HEARING OFFICER WELCH: Thank you,
- 22 ma'am. One minute.
- 23 MR. AMLIN: All right. Thank you.
- 24 It's Dillon Amlin, A-m-l-i-n, and I just want to

- 1 point out again that there were three hundred
- 2 people in Chicago who were unable to speak at the
- 3 last hearing, and I demand another hearing in
- 4 Chicago.
- 5 I also demand an extension of the
- 6 comment process for the reason that Kelvin
- 7 mentioned.
- 8 I think -- I, again, just really want
- 9 to emphasize that I represent a lot of students
- 10 in Chicago. This comment period, which is
- 11 incredibly short, even if it weren't during the
- 12 holiday season, we have so many students who are
- 13 not at school who are either in finals, I know
- 14 that there are people here from UIC who have
- 15 finals, and there would have been way more of
- 16 them here if they weren't doing that work.
- 17 I failed a class this semester because
- 18 I was doing this work, and I think if you all are
- 19 trying to really protect the citizens of Illinois
- 20 that you would extend this process and give us
- 21 more time.
- 22 Again, like Kelvin said, there's not
- 23 enough time to list out these basic rules, but we
- 24 have this dirty dozen which is just, again, a

- 1 non-extensive list of major holes in this
- 2 regulation that need to be addressed.
- 3 HEARING OFFICER WELCH: Thank you,
- 4 sir. Come on up here. After this gentleman, we
- 5 are done. We are done.
- 6 MR. BIGARD: My name is Joe Bigard.
- 7 HEARING OFFICER WELCH: How do you
- 8 spell your name, sir?
- 9 MR. BIGARD: B-i-g-a-r-d.
- 10 I'm kind of hoarse, so bear with me.
- 11 I've been in the oil business since 1975. I've
- 12 never had a job since high school except I've
- 13 worked for myself. I started business from
- 14 scratch, started the oil business from scratch,
- 15 drilled wells.
- I own a manufacturing business in the
- 17 oil field, and I feel like that people are
- 18 failing to realize that Illinois is made up of
- 19 small business not just big oil companies.
- It's not all big oil companies.
- 21 There's a lot of mom and pop operations that are
- 22 trying to survive, and the regulations right now
- 23 are so burdensome I'm ready to sell out and quit.
- 24 I'm quitting because the regulations are too

- 1 stringent for little guys.
- 2 They put a burden on the -- the oil
- 3 and gas industry has got such a burden from
- 4 regulatory agencies that we can't hardly operate,
- 5 and I'm selling out, because I'm tired of the
- 6 regulations.
- 7 Every year we get notices you've got
- 8 ten days to respond, 30 days to respond. It's
- 9 not enough time for little guys. We just can't
- 10 hack it. You're going to see little guys fold up
- 11 and quit, and that happens.
- 12 All you're going to have is big
- 13 companies, and I'm one of the little guys. I'm
- 14 tired. I'm quitting. It's over.
- 15 Thank you.
- 16 HEARING OFFICER WELCH: Thank you,
- 17 sir.
- 18 Well, all right. I want to thank you
- 19 all for coming. Like I said, these gentleman are
- 20 going to go over their notes here and come up
- 21 with an idea of what the comments mostly were
- 22 about.
- 23 I want to thank you for coming. Our
- 24 next meeting is tomorrow night in Decatur, and

- 1 then we have one in Carbondale, my alma mater, so
- 2 you all have a good Christmas, and if you want to
- 3 hang around and wait for these gentleman, that's
- 4 fine too.
- 5 All right. Thank you.
- 6 (At this point a short recess was
- 7 taken.)
- 8 MR. COHEN: For the comments that we
- 9 received tonight related to the administrative
- 10 rules, sort of in summary the ones, the top sort
- 11 of that we grouped together the ones that we
- 12 heard most frequently tonight related to
- 13 radioactivity, enforcement, mainly that the fines
- 14 in the administrative rules were too small, water
- 15 pollution, open pits, and chemical disclosure, so
- 16 that when we go back, these are the
- 17 administrative rules that we will be reviewing
- 18 again based on the public comments we received
- 19 tonight.
- 20 Hopefully for those of you who have
- 21 left, you left us your comments in boxes, and
- 22 there is still plenty of time to submit your
- 23 written comments to us online or by mail, and we
- 24 hope to receive those by January 3rd.

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Thank you very much. We appreciate
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   all the comments we received tonight. Thank you.
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            (Hearing is concluded at 8:39 p.m.)
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1	CERTIFICATE
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4	I, BARBARA A. GLOVER, do hereby
5	certify that I am a court reporter doing business
6	in the State of Illinois, County of Coles, City
7	of Mattoon; that I reported in machine shorthand
8	the hearing on December 16, 2013, and that the
9	foregoing transcript is a true and correct copy
LO	of my shorthand notes.
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18	Barbara A. Glover, CSR, RPR
19	CRR, CCR
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