

RECEIVED

By IDNR, OMM at 11:47 am, Dec 14, 2023



REPORT OF PROCEEDINGS

Date: December 4, 2023

Case: INFORMAL CONFERENCE - HILLSBORO ENERGY, DEER
RUN MINE - RENEWAL APPLICATION

Court Reporter: Ann Marie Hollo

Paszkiewicz Court Reporting
Phone: (618) 307-9320 / (855) 595-3577 toll-free
Fax: 618-855-9513
Web Site: www.spreporting.com

CITY OF HILLSBORO
STATE OF ILLINOIS

INFORMAL CONFERENCE
HILLSBORO ENERGY, DEER RUN MINE
RENEWAL APPLICATION

DECEMBER 4, 2023

Ann Marie Hollo, CSR, RDR, CRR

1 CITY OF HILLSBORO

2 STATE OF ILLINOIS

3 INFORMAL CONFERENCE

4 HILLSBORO ENERGY, DEER RUN MINE

5 RENEWAL APPLICATION

6

7 INFORMAL CONFERENCE REGARDING HILLSBORO ENERGY,
8 DEER RUN MINE, RENEWAL APPLICATION, on DECEMBER 4,
9 2023, between the hours of thirty-two minutes after
10 five o'clock in the afternoon and twelve minutes
11 after seven o'clock in the afternoon of that day, at
12 the Montgomery County Courthouse Annex, 201 South
13 Main Street, Hillsboro, Illinois, before Ann Marie
14 Hollo, CSR, RDR, CRR, in a certain cause pursuant to
15 62 Ill. Adm. Code 1773.13(c) promulgated under the
16 Surface Coal Mining Land Conservation and
17 Reclamation Act, the Department of Natural
18 Resources, Office of Mines and Minerals, Land
19 Reclamation Division hereby gives notice that an
20 informal conference for submission of comments will
21 be conducted by the Department for the submittal of
22 renewal application for the Deer Run mine permit
23 Nos. 399 and 424, which was submitted by Hillsboro
24 Energy.

A P P E A R A N C E S

For the Illinois Department of
Natural Resources:

Mr. Brian Navarrete, Hearing Officer
Ms. Amy Wolff Oakes, Legal
Counsel

ILLINOIS DEPARTMENT OF NATURAL
RESOURCES

One Natural Resources Way
Springfield, Illinois 62702
(217) 558-6622

brian.m.navarrete@illinois.gov
amy.oakes@illinois.gov

Ms. Kemi Osibamowo

Northern District Manager

ILLINOIS DEPARTMENT OF NATURAL
RESOURCES

One Natural Resources Way
Springfield, Illinois 62702
(217) 785-9037

Mr. James Schafer

Permit Coordinator

ILLINOIS DEPARTMENT OF NATURAL
RESOURCES

One Natural Resources Way
Springfield, Illinois 62702
(217) 785-5191

ALSO PRESENT: Mr. Clayton Cross, Hillsboro Energy, LLC

The Court Reporter:

Ann Marie Hollo, CSR, RDR, CRR
Paszkiewicz Litigation Services
26 Ginger Creek Parkway
Glen Carbon, Illinois 62034
(618) 307-9320

1 IT IS HEREBY STIPULATED AND AGREED that the
2 informal hearing may be taken in shorthand by Ann
3 Marie Hollo, RDR/CRR, a Certified Shorthand
4 Reporter, and afterwards transcribed into
5 typewriting.

6 * * * * *

7 (Starting time of the hearing is: 5:32 p.m.)

8 MR. NAVARRETE: Thank you, everyone.
9 Good evening.

10 My name is Brian Navarrete. I'm an
11 attorney with the Illinois Department of Natural
12 Resources, Office of Legal Counsel. I'm the
13 appointed hearing officer for this informal
14 conference administered by the Office of Mines and
15 Minerals, Land Reclamation Division -- LRD -- which
16 is LRD -- short for LRD.

17 I'm going to take a moment to
18 introduce who's up here with me.

19 I have Clayton Cross who's here with
20 Hillsboro Energy. To my left, I have Kemi
21 Osibamowo. She is the Northern District Manager.
22 Then next is Amy Oakes. She is an attorney for
23 Office of Mines and Minerals, and then Jim Schafer
24 at the end is the permit coordinator.

1 Before we start, I'd like to go over
2 a few logistics. First, I think everyone -- is
3 there anyone who didn't sign up who would like to?
4 Okay. If you'd like to speak --

5 MR. KRUSE: No. I just need to sign
6 in. I'll sign this.

7 MR. NAVARRETE: Sir?

8 MR. KRUSE: Do you really want my
9 signature? I'm a carbonite from Glen Carbon.
10 That's what they call us.

11 MR. NAVARRETE: All right. So was
12 there anyone who wanted to provide oral comments
13 today who has not signed up yet? Okay.

14 Based on the number of speakers, I'm
15 going to limit your initial talking to six minutes
16 per person, and then if people -- if we have time
17 left over, people can come up and keep speaking
18 until we run out of -- or until 7:30, because that
19 is how long we have this space reserved for.

20 Second, the department has hired a
21 court reporter at the end over here. So to make
22 sure that we have a clean transcript of today's
23 informal conference, please speak clearly. I mean,
24 it's a small room, so you don't have to raise your

1 voice too much, but, you know, the court reporter
2 can't transcribe head nods or head shakes. So only
3 oral, spoken words will be transcribed.

4 Third, we will be requesting an
5 expedited transcript, and we will upload a copy of
6 today's transcript onto the department's website
7 when that is available for you -- for the public to
8 review.

9 LRD is one of several state and
10 federal administrative agencies responsible for
11 administering the enforcement of the regulations
12 regarding the coal mining industry in the State of
13 Illinois. Each has its own authorizing statute and
14 set of regulations. Each has its own permitting and
15 enforcement requirements regarding coal mining
16 operations in the state.

17 LRD's authorization statutes:

18 Surface Coal Mining Land Conservation and
19 Reclamation Act found at Chapter 225 of the Illinois
20 Compiled Statutes Act 720. Its promulgated
21 regulations are found Title 62 of the Illinois
22 Administrative Codes, Parts 1700 to 1850.

23 This informal conference is being
24 held pursuant to Sections 1773.13 and 1774.15 of

1 those rules, and it is related to the pending
2 application of the renewal permit for mines Number
3 399 and 424 of Hillsboro Energy, LLC, Deer Mine.

4 Before we continue, Kemi would like
5 to provide a brief statement regarding the permit
6 renewal process.

7 MS. OSIBAMOWO: Hello, everybody.
8 I'm Kemi. I just wanted to say we do have copies of
9 the statutes that we're going to be referring to
10 today right here for your use.

11 Just as Brian introduced, I'm Kemi.
12 I'm the North District Manager of LRD. I'm
13 representing the department for Dan Barkley. He
14 couldn't be here today.

15 But I also would like to address the
16 reason why we are renewing both permits at the same
17 time. Some of you may already know this, but in
18 2018, LRD instituted an administrative process to
19 synchronize the permit renewal process. Usually we
20 would have a unit of -- for coal mining would have
21 multiple permits in that unit. So just for
22 convenience, we decided to synchronize everything so
23 that we would have one renewal per unit, which would
24 be, in this case, Permits 399 and 424.

1 And as stated by Brian here, who is
2 the hearing officer, this informal conference is
3 being held pursuant to Sections 1773.13 and 1774.15
4 of those regulations.

5 For brevity's sake, my statement will
6 generally encompass the application of these
7 regulations to the permit renewal at hand.

8 So please don't -- we will also refer
9 to all the regulations as applicable, but those are
10 the main sections of those regulations we've been
11 referring to.

12 Now, during the renewal process, the
13 first step is that an application is submitted to
14 LRD and is reviewed for administrative completeness.
15 In this situation, the application was submitted on
16 the 27th of July 2023.

17 Now, a completeness review is a
18 moderately detailed review to determine if
19 sufficient information is provided for the
20 department to conduct its technical review of the
21 application for compliance with the regulations.

22 So in this situation, the application
23 for renewal was deemed administratively complete on
24 the 12th of September of 2023.

1 Now, subsequently, the applicant must
2 file a copy of the renewal application with the
3 county clerk in the county where the mine is located
4 and public notice for four consecutive weeks. And,
5 in this case, the administrative complete renewal
6 application was filed with the Montgomery County
7 Clerk on the 14th of September 2023.

8 So in addition to being available for
9 public review at the county clerk's office, the
10 Permits 399 and 424 renewal application has also
11 been available for review on the department's
12 website. I'm hoping you've had access to review
13 this applications on the website. Everybody? No?
14 Good, good, good.

15 So the news was first published by
16 the permittee in the Hillsboro Journal-News, and
17 that's a Montgomery County-wide publication. And
18 this was on the 18th of September 2023, and that
19 continued on for four weeks.

20 As you know, written comments or
21 objections or requests for an informal conference
22 may then be submitted to LRD within 30 days after
23 the last publication notices.

24 In this case, the department received

1 requests for an informal conference from the -- we
2 have Larry Schraut from Hillsboro; Mary Bates from
3 Litchfield; Karyl Dressen from Coffeen; Alan Russell
4 of Alton; Joyce Blumenshine of Peoria; Mary Ellen
5 DeClue of Litchfield.

6 Did anybody else request an informal
7 conference and didn't hear their name?

8 (No response.)

9 MS. OSIBAMOWO: Okay. Following
10 that, written comments and objections submitted
11 during the public comment period and at the informal
12 conference such as this are usually compiled,
13 reviewed, and considered as part of the permit
14 review process.

15 Now, I'm highlighting this part
16 because it's a very important part. That's why
17 we're here today. We want to hear from you. We
18 want to collect your comments because that is part
19 of the permit process.

20 I also want to note that the renewal
21 of the permit is subject to standards that are very
22 different from those required for a new permit or
23 for a significant revision to a permit.

24 Per Section 1773.19(d) and

1 1774.15(a), a valid permit shall carry with it the
2 right of successive renewal, within the approved
3 boundaries of the existing permit, and upon
4 expiration of the term of the permit.

5 Now, Section 1774.15(c)(1)
6 specifically provides that the department shall
7 approve a complete and accurate application for
8 permit renewal unless it finds in writing that the
9 terms and conditions of the existing permits are not
10 being satisfactorily met; the present surface coal
11 mining and reclamation operations are not -- and
12 sorry. This is -- so that was (A).

13 And then (B) is that the present coal
14 mining and reclamation operations are not in
15 compliance with the environmental protection
16 standards of the Act and the regulatory body;

17 (C) the requested renewal
18 substantially jeopardizes the operator's continuing
19 ability to comply with the Act and the regulatory
20 program on existing permit areas;

21 (D) The operator has not provided
22 evidence of having liability insurance or
23 self-insurance as required by 62 Illinois
24 Administrative Code 1800.60;

1 (E) The operator has not provided
2 evidence that any performance bond required to be in
3 effect for the operation will continue in full force
4 and effect for the proposed period of the renewal,
5 as well as any additional bond the department might
6 require pursuant to 62 Illinois Administrative Code
7 1800; or additional revised or updated information
8 required by the department has not been provided by
9 the applicant.

10 So in short, to be
11 approved -- sorry -- to be approved, an application
12 must meet every one of these requirements. If the
13 application does, then the department shall approve
14 the renewal application. If the application fails
15 to meet any one of these criteria, then the
16 department will deny the approval.

17 This informal conference provides a
18 venue for persons having an interest, which is or
19 may be adversely affected by the decision on the
20 application, to provide oral and written statements,
21 and any other relevant information for us to
22 consider in our review as I've just described.

23 So what does this all mean? All
24 comments provided through this process will be

1 compiled, reviewed, considered, and addressed in
2 relation to the standards for permit renewals, set
3 forth in 1774.15(c).

4 So as it was presented tonight, I
5 will do my best to answer your comments, to answer
6 your questions within the time allotted, but please
7 note that our decision on the pending permit renewal
8 application is based on the criteria I just
9 described.

10 So, once again, please bear with us;
11 bear with me. I'll try my best to answer the
12 questions. I have Jim here; I have Amy here; and
13 they should -- we should get to a good conclusion
14 tonight.

15 Thank you. That's all I have.

16 MR. NAVARRETE: All right. Yes?
17 Sorry. Excuse me?

18 MS. DECLUE: Okay. You mentioned
19 Permit 399 and 424?

20 MS. OSIBAMOWO: Yes.

21 MS. DECLUE: That also includes
22 Revision 1 of 399 and Revision 2 of 399?

23 MS. OSIBAMOWO: Yeah. So that's
24 all -- those are all applications that are related

1 to permits.

2 MS. DECLUE: Thank you.

3 MR. NAVARRETE: All right. Sir, you
4 came in later, in the purple hat. Did you want to
5 sign up to speak?

6 UNKNOWN AUDIENCE MEMBER: I'm sorry?

7 MR. NAVARRETE: Did you want to sign
8 up to speak?

9 UNKNOWN AUDIENCE MEMBER: No.

10 MR. NAVARRETE: Or to receive a
11 transcript?

12 UNKNOWN AUDIENCE MEMBER: I'm just
13 here with -- thank you.

14 MR. NAVARRETE: So before we start
15 the conference, are there any other questions -- or
16 the oral comment period of this conference, are
17 there any other questions?

18 MS. BLUMENSHINE: Sir, just to -- I
19 know it takes a while with the transcript, but is
20 there any estimate when it might be posted online,
21 please?

22 MS. OAKES: We have it ordered as
23 expedited. We usually get it posted up within 24
24 hours after receipt of the transcript.

1 MR. NAVARRETE: At the close of
2 tonight's conference, we'll collect any written
3 comments that people have brought with them, and
4 then they'll also be part of the administrative
5 record.

6 I will call in the people who
7 requested this informal conference to speak first,
8 and then I'll go down the list.

9 So Larry Schraut?

10 MR. LARRY SCHRAUT: Here.

11 MR. NAVARRETE: Would you like to
12 speak?

13 MR. LARRY SCHRAUT: I'll pass for
14 right now. I'll let somebody else go first.

15 MR. NAVARRETE: Mary Ellen DeClue?

16 MS. DECLUE: Thanks, Larry.

17 MR. LARRY SCHRAUT: Well, you can
18 pass, too.

19 MS. DECLUE: Where do I --

20 MR. NAVARRETE: Wherever you want.
21 The court reporter is right here, so she'll be able
22 to hear you.

23 MS. OAKES: Do you want us to move
24 the tables so you'll be comfortable to stand behind?

1 Then you have a place to put your papers down.

2 MS. DECLUE: Thank you.

3 First of all, it's nice seeing Amy
4 again.

5 Thank you for arranging this
6 important meeting.

7 Renewal of all Deer Run Mine permits
8 must not happen. I have learned a lot about the
9 process of getting a coal mine permit approved,
10 especially a longwall mine permit. I have learned
11 that a coal mining permit does not preserve the
12 land, water, and quality of life in communities that
13 host a longwall mine.

14 IDNR gave the right to Hillsboro
15 Energy, LLC, or HEL, to extract coal from land that
16 no longer had coal and subsidence rights.

17 I kind of stumbled over that.

18 To extract coal from land that no
19 longer had coal and subsidence rights.

20 The landowners have lost control over
21 their property and now have a new overlord. State
22 and federal mining laws strongly favor the business
23 plan of the longwall coal operator to make maximum
24 profits while extracting as much coal as fast as

1 possible.

2 Oversight by IDNR is supposedly to
3 strike the balance between protection of the
4 environment and agricultural productivity and the
5 nation's need for coal as a source of energy.

6 The nation's need for coal is a
7 question we must all consider. Currently,
8 20 percent of our energy comes from coal in the
9 United States according to the most recent estimate.
10 Coal has supplied most of our energy needs for the
11 last two centuries using room and pillar mining.

12 Federal and state mining regulations
13 for underground mining are based on room and pillar,
14 and do not cover the impacts to communities from the
15 supposed planned subsidence resulting from longwall
16 mining.

17 I am perplexed that the State of
18 Illinois, with its oversight responsibilities, has
19 not addressed this unjust, inequitable mandate from
20 Montgomery County residents.

21 Believe me, the State of Illinois has
22 been alerted to the disastrous impacts from Deer Run
23 Mine. Reflecting on the past year's struggle with
24 Deer Run Mine, it is apparent to me that the coal

1 industry has manipulated and established an aura of
2 privilege that has dominated public policy and
3 unduly influenced regulatory agencies.

4 IDNR has allowed HEL to extract coal
5 at the lowest cost possible, no financial
6 constraints on requiring more bonding or monitoring
7 of water and air. Compensation for all damage to
8 structures must be negotiated with HEL. Why are the
9 profits of HEL the primary consideration above the
10 economic viability of residents?

11 If a farmer is subjected to HEL's
12 longwall plan, the financial outcomes of the family
13 is determined by HEL. The continuation of the
14 family's livelihood is threatened. The family loses
15 money and its land value will decrease. Why is this
16 injustice acceptable for Montgomery County
17 residents?

18 The right to subside property without
19 the owner's approval must be based on a public need,
20 not on a private industry profit margin. IDNR must
21 shift the paradigm to what will promote farm
22 communities, preserve farmland, maintain water
23 resources, and establish rural economic development.

24 The 7,731.8-acre expansion of Deer

1 Run Mine in 2021 confirmed that IDNR did not care
2 about preserving Montgomery County's farmland or
3 water resources. It is difficult to comprehend why
4 an expansion of 7,731.8 acres with subsidence
5 planned in at least four areas of Coffeen Lake,
6 Miller Creek, Bearcat Creek, and McDavid Branch
7 Creek would not require additional planning to
8 preserve the hydrologic balance. The devastating
9 impact of subsidence on ponds, streams, wells, and
10 springs was not assessed in a comprehensive
11 analysis. Water in the air, water on land, and
12 water in the ground are connected, and the
13 hydrologic balance must be preserved.

14 The coal privilege in Montgomery
15 County is well-documented in a handout, which I will
16 give all of you lovely people.

17 Please do what you can to convert the
18 attention from HEL's profits to preservation of a
19 lovely rural county. I cannot imagine the
20 destruction and harm that will happen when all 17
21 panels are longwall mined. Preserve the community
22 rather than the coal profits. Do not renew the Deer
23 Run Mine profits now or ever.

24 Thank you.

1 MS. OSIBAMOWO: Thank you.

2 MR. NAVARRETE: Thank you.

3 MS. DECLUE: Do I pass these to you
4 now, or do you prefer later?

5 MS. OSIBAMOWO: If you want to, yeah.

6 MR. NAVARRETE: Carl (sic) Dressen?

7 MS. DRESSEN: Karyl.

8 MR. NAVARRETE: Karyl Dressen.

9 MS. DRESSEN: And I know I got rather
10 long-winded over that. Do you want me to go maybe
11 at the last, rather than splitting it up maybe, or
12 not?

13 MR. NAVARRETE: You'll have to argue
14 with Larry about that.

15 MS. DRESSEN: I argue with him all
16 the time.

17 MR. NAVARRETE: If you want to come.

18 MS. DRESSEN: Well, I'd have to split
19 it up because mine is longer than the allotted time.
20 So if you want, I can go later.

21 MR. NAVARRETE: You can go. Okay.
22 We'll come back to you.

23 Jeff Schraut?

24 MR. JEFF SCHRAUT: I signed up just

1 for the findings.

2 MR. NAVARRETE: That's fine.

3 Stacey Schraut?

4 MS. STACEY SCHRAUT: Just for the
5 transcript.

6 MR. NAVARRETE: Joyce Blumenshine?

7 MS. BLUMENSHINE: Thank you, Hearing
8 Officer.

9 Good evening. I'm Joyce Blumenshine.
10 I want to thank IDNR for the opportunity to comment.
11 Your presence here tonight is very significant, and
12 please believe me we appreciate your time and
13 efforts. We know you have a long day; you have a
14 lot of work; and so this means a lot. And we just
15 encourage you to hear the local people. We know
16 Springfield is not that far away, but the offices,
17 they are removed from what is happening here on the
18 ground, and I'm here to address a couple of key
19 points as a citizen and a volunteer. A couple of
20 questions also, please.

21 So the first thing, I did want to
22 appreciate that the IDNR posted the full application
23 for renewal on the website. That is most helpful,
24 and we certainly appreciate that.

1 Included there -- and also I brought
2 a copy from the Hillsboro paper for the public
3 notice for this permit renewal. I just want to
4 refer and ask if perhaps whenever IDNR responds to
5 this hearing.

6 In Section 1773.13 of the 62 Illinois
7 Administrative Code, public participation and permit
8 processing, letter (a), filing of public notice.

9 Under letter (b), it says regarding a
10 renewal of a permit or revision, whatever, that that
11 notice should include a map or description which
12 clearly shows or describes the precise location and
13 boundaries of the proposed permit area and shadow
14 area, if applicable, and is sufficient to enable
15 local residents to really identify the proposed
16 permit area.

17 Now, the mine might assume and IDNR
18 might assume that people who live here know where
19 this is, but I think a lot of people might not.

20 And so this is my Exhibit 1, which
21 has the details about this hearing, which we
22 appreciate, but there's no information of a map or a
23 location for the proposed renewal.

24 So I just call that to your attention

1 and ask IDNR why is the mine not required to do that
2 as was mentioned before? It seems like the mine is
3 allowed to save their money from a longer newspaper
4 ad. Maybe it was just an oversight. So that's just
5 a question. Thank you. I'll turn that in when I
6 finish.

7 Another point that I'd like to raise
8 is that from the citizen point of view, these permit
9 renewals, as our northern district leader here
10 kindly referred to, has criteria for approval. And
11 from the individuals on the ground, if you would
12 wish to see or would consider the full picture, we
13 don't understand how IDNR cannot see that this mine
14 has failed on several counts to meet the statutory
15 criteria in 62 Illinois Administrative Code 1774.15,
16 at letter (c), approval process, beginning with
17 Number 1.

18 So I just want to go through these
19 quickly, and I have some exhibits in support of my
20 comments. Thank you.

21 So letter (A). The terms and
22 conditions of existing permit are not being
23 satisfactorily met.

24 I can comment that from the view on

1 the ground, the fact is that timely reclamation has
2 not been satisfactorily met. The review on the
3 ground would say that promises made by the mine
4 that one lane of Illinois Highway 185 would remain
5 open at all times has not been completely met. And
6 the fact that there are major concerns about ongoing
7 damages to both Bearcat Creek and the conditions on
8 the ground with erosion -- although I realize many
9 of your IDNR conditions and concerns on erosion no
10 longer exist -- that there are many conditions that
11 are not fully reflected by the IDNR consideration.

12 So I raise to you my -- you know,
13 condemnation that the terms and conditions of the
14 existing permit are not being satisfactorily met
15 because, in fact, this mine and this company has a
16 litany of pages of permit violations, exceedances of
17 things that this mine in certainly two exhibits that
18 I'll present toward the end of ongoing major
19 problems that other mines controlled, operated,
20 directed by the same company. To the regular
21 citizens, that is an egregious situation in Illinois
22 that our regulatory agency condones and permits the
23 ongoing actions of mines that in other places are
24 clearly a threat to people's health.

1 I'll just mention in passing the
2 fires at this mine, the closures, and problems with
3 a variety of reclamation.

4 Moving on. Letter (B) of the same
5 statute says, "The present surface coal mining and
6 reclamation operations are not in compliance with
7 the environmental protection standards of the Act
8 and regulatory program."

9 So I contend that that is not in
10 compliance with the environmental program. The mine
11 is not to damage the water or environment or risk
12 public health and safety. I am referring now to the
13 federal Environmental Protection Agency, ECHO,
14 Environmental -- I'm sorry -- Enforcement and
15 Compliance History Online, the detailed facility
16 report, which I'll turn in as an exhibit.

17 Their data on heavy metals from this
18 mine -- and I want to comment just in passing, which
19 I have over many years here -- that the full water
20 permit data has never shown up for this mine, and I
21 don't understand why that is not on the ECHO data,
22 but that's not your problem.

23 But, anyway, going to what is called
24 "TRI," Toxics Release Inventory, for the Deer Run

1 Mine. That is an estimate annually of the heavy
2 metal toxics pollution that this mine imposes on the
3 environment, and by that, I would say the related
4 health, safety, welfare impacts not only of the
5 citizens here locally, but of the future water
6 quality, ability to use the water, and the
7 conditions around this area that are safe for the
8 public and the future here.

9 So two heavy metals are listed in
10 this TRI. One is lead, known to be a very toxic,
11 poisonous to infants, children, and many long-term
12 effects on adults, whether it's linked to
13 Alzheimer's or Parkinson's. A lot of medical
14 research has to be done on that, but still toxic
15 impacts of lead are really critical.

16 And for that, I am looking for the
17 data here, which I hope to read in a moment, but if
18 I don't find it in the interest of time, I will find
19 it here and hopefully have that for you, if not now,
20 later.

21 So the other -- and that is -- here
22 it is.

23 So 2022, the TRI releases estimated
24 by this mine from their production of coal, whether

1 it goes in the coal shipped out, or it goes in the
2 coal slurry and the impoundment sitting over the
3 watersheds for Old Lake Hillsboro and Hillsboro,
4 whatever.

5 Lead in 2022, 15,764 tons. In 2021,
6 16,157 tons.

7 Now, how can that mean that this mine
8 is in compliance protecting the water quality and
9 environment? I don't understand.

10 And regarding mercury. In 2022,
11 325 tons and 333 in 2021. Mercury is highly toxic.
12 An eyedropper in a pond is enough to make it toxic.
13 We know that mercury has horrible effects on
14 wildlife and humans regarding infant development,
15 adults, your brain power, and many other things.

16 So I'll turn this in from the ECHO
17 report.

18 My contention is that the mine is
19 continually polluting this area leaving legacy
20 concerns that will be a blight and burden on the
21 public here and for many generations.

22 So letter (C) --

23 MR. NAVARRETE: You've run over time,
24 but let's -- if you end at (C) and come back to that

1 later.

2 MS. BLUMENSHINE: I'll do that.

3 Thank you so much.

4 MR. NAVARRETE: Sally Burgess?

5 MS. BURGESS: No comments.

6 MR. NAVARRETE: George Johannes?

7 MR. JOHANNES: Nothing.

8 MR. NAVARRETE: Sandy Crawford?

9 MS. CRAWFORD: No comments.

10 MR. NAVARRETE: All right. Virginia

11 Woulfe-Beile?

12 MS. WOULFE-BEILE: No comment.

13 MR. NAVARRETE: David Loucks?

14 MR. LOUCKS: No comment for right

15 now.

16 MR. NAVARRETE: Toni Don?

17 MS. OPLT: We just signed in. We'll

18 wait.

19 MR. NAVARRETE: And Chris Kruse?

20 MR. KRUSE: Should I? I see some of

21 my colleagues are not commenting. So I'd like to

22 comment.

23 And, of course, my

24 background -- well, first of all, I'm from Glen

1 Carbon as I indicated earlier, and I'm happy to be
2 here. This is very serious, really serious, because
3 you're talking about a tremendous amount of impact
4 not just on the surface of the earth, but underneath
5 the surface of the earth. So I'm really concerned,
6 and I'm very dedicated as a very healthy 83
7 year-old, okay? I will continue to promote
8 providing protection to this planet.

9 So I will say -- and is it okay if I
10 stand? Joyce was sitting.

11 In late summer of 2022, I attended a
12 longwall mining tour of areas around the Deer Run
13 Coal Mine. The tour was organized by CALM, which is
14 Citizens Against Longwall Mining.

15 The tour was held for people like me.
16 I was once a seafarer, okay? I came to the Midwest
17 to see what is happening from longwall subsidence.

18 We traveled by van going slowly along
19 public roads and along public roads, along mined
20 areas. I had no idea how much area would be
21 affected by the longwall subsidence. Considering
22 the fact that these permit renewals will be -- will
23 let more acres be subsided for the next five years,
24 I don't think -- I don't think these permits should

1 be renewed. They need to be really looked over
2 very, very carefully and studied, and it needs a lot
3 of study from the wonderful presentation that
4 Mary -- and particularly Mary and Joyce made.

5 The damages done to farmland will
6 last a long time. It's already happened, hasn't it?
7 It's clear that the ground subsidence includes
8 changes in the fields that have -- that make a
9 variety of problems from very uneven surfaces to
10 varied topsoil conditions and loss of topsoil.

11 And I got to see that when I went on
12 this tour where we went in a truck across the
13 fields, and we could see the variations in the
14 surface levels, okay?

15 No one is considering the emotional
16 stress farm families facing subsidence have to
17 suffer. They will have years of not knowing how
18 well or even if subsidence damages will be taken
19 care of and actually fixed.

20 Again, I oppose renewing these
21 permits, okay?

22 And I can send you my email address,
23 and it will save paper that way, okay?

24 MR. NAVARRETE: Sure. I think you

1 put your email down here, though.

2 MR. KRUSE: Okay. Well, you'll have
3 to make copies. I didn't make a whole lot of
4 copies.

5 MS. OAKES: It will become part of
6 the administrative record, so we can all access
7 copies of that.

8 MR. NAVARRETE: Thank you.

9 All right. And we can go back to the
10 beginning of the list. Mr. Schraut? Larry?

11 MR. LARRY SCHRAUT: Larry Schraut.

12 And in the renewal, the people that's
13 going to be affected, well, you're looking at one of
14 the people that has been adversely affected by this
15 mine. It has affected my life, and I see it every
16 day, and it's not going to change.

17 So I've got a few comments. I'm not
18 going to go in much detail. Now, I've had land that
19 used to grow crops that now grows weeds when it
20 isn't coming by water. I have highway ditches that
21 used to drain my fields that now the water from the
22 highway ditch drains in my field, and it hasn't been
23 corrected.

24 I probably lost more topsoil in the

1 last four years after this mine started than my
2 previous 50 some years of farming. I've lost tons
3 of topsoil, but nobody seems to -- you know, we've
4 got it in Illinois where we're supposed to be saving
5 topsoil. We've got the -- you know, but it
6 doesn't affect -- seem to affect this.

7 I own land that hadn't had erosion
8 that now has 7-foot slopes, and when you've got
9 7-foot slopes, you've got erosion, and if you want
10 pictures, I've got plenty of them.

11 Here is one of my complaints, too.
12 There's not one land reclamation specialist here.
13 And I -- you know, in four years, I've had three
14 different ones, and none of them appeared to have
15 any agricultural background to know what they're
16 looking at, and I like to know what's the
17 qualifications for a land reclamation specialist?

18 I had one that -- and I've been at a
19 lot of meetings. I had one that didn't even know
20 what soil erosion was. So how was he going to tell
21 me that I had it, you know?

22 I had one that was -- was nice enough
23 or whatever. They put pictures of the gullies and
24 things. I don't know how far it went.

1 And then I've had one that wasn't
2 even sure he was over the reclamation area, but he
3 was signing the paperwork, and that's another thing
4 that I've got a problem with.

5 In the monthly reports: "Deer Run
6 Mine conducts subsidence mitigation to correct
7 surface water drainage over the mined-out longwall
8 panels. The operator is continuing to monitor all
9 longwall panels that have been mined out and is
10 performing longwall subsidence mitigation in an
11 appropriate manner."

12 Every month it's the same thing. I
13 don't know. I mean, Clayton is here or whatever.
14 They go get Clayton to go around the mine.

15 Why don't they go around to a farmer
16 or whatever, and: "Hey, you know, we're coming down
17 this certain date. Let's go out and inspect
18 something." But that never happens.

19 It's just for the farm -- or
20 landowner that's taking the brunt of this whole
21 thing, he's entirely out of the picture. And it's
22 not only your department; IDOT is the same way.

23 They redid this highway. We've got a
24 smooth highway in places, but my ditch that should

1 be taking water runs out in the field. I complain,
2 but it doesn't do any good.

3 In fact, he wasn't a reclamation
4 specialist, but I had one IDNR employee come out and
5 look at things. He was more concerned about the
6 farmers farming too close to the road ditch than all
7 the erosion I had and the 3-foot gully.

8 "Oh, these farmers are farming too
9 close to the road ditch."

10 And that -- the main thing is on this
11 inspection -- monthly inspection -- I think there
12 should be times, or whatever -- a farmer contacted
13 to say, "Hey, I'm here. Let's go out and look at
14 what's happening." So because I don't see how they
15 can -- and they're called "land reclamation
16 specialists."

17 So, you know, I get frustrated at
18 this because it's affecting me, and I don't think
19 things are going as well as they could be.

20 And I don't know if you still publish
21 this, the subsidence book, or have you done away
22 with that since?

23 MS. OAKES: It's been a while.

24 MR. LARRY SCHRAUT: Well, you need to

1 put a new picture in here about the road. The
2 picture in there with the road sure doesn't look
3 like what happened out there.

4 So that's all the comments I have.

5 MR. NAVARRETE: Thank you for your
6 comments.

7 Ms. Dressen, would you like to speak?

8 MS. DRESSEN: Is it down to me and
9 Joyce now?

10 MR. NAVARRETE: Yeah. Or you can
11 let --

12 MS. DRESSEN: Or unless you want
13 to --

14 MS. BLUMENSHINE: No. It doesn't
15 matter to me.

16 MS. DRESSEN: Sorry. Usually I don't
17 have a lot to say, but for some reason I'm really
18 long-winded on this.

19 My name is Karyl Dressen. K-A-R-Y-L,
20 D-R-E-S-S-E-N.

21 I would like to state my opposition
22 to renewal of Hillsboro Energy's Deer Run Mine
23 Permits 399 and 424.

24 I've opposed this longwall mining in

1 my county since the very beginning when the county
2 sold coal rights, which had been reverted back to
3 them and Hillsboro Energy first filed for a permit
4 in 2007.

5 Besides my concerns about the overall
6 effects of coal on climate change, I have concerns
7 about the harmful effects on my community, including
8 contamination of surface and groundwater from mining
9 activities and coal slurry impoundments and air
10 pollution from coal dust.

11 The longwall method of mining
12 utilized by the Foresight-owned mines in Illinois,
13 including Deer Run, can be particularly destructive
14 to communities. The only benefit is the higher
15 profit margin to the company since it is highly
16 mechanized and thus needs fewer miners, thus fewer
17 jobs created in the area, though, also.

18 The company can extract more coal
19 from a seam. Again, more profit for them, but as
20 they let the surface drop and what they term
21 "planned subsidence," serious damage results.

22 Unfortunately, as a resident of
23 Montgomery County, I have now witnessed the damages
24 caused by longwall mining. Many of the concerns

1 voiced by residents prior to the approval of the
2 original permit have now become reality.

3 Concerns about damage to public roads
4 due to mine subsidence, especially State Highway
5 185, were voiced early in the permitting period, but
6 residents were assured that similar state roads were
7 subsided by longwall mining, and traffic was not
8 rerouted.

9 Appendix F in the permit program,
10 significant revisions application number 2 to Permit
11 399, states that precautions must be in place to
12 protect the public during and after subsidence
13 impacts. An agreement between the mine and IDOT for
14 panel 5 stated that they must provide a safe and
15 passable roadway for the traveling public.

16 For greater than two and a half years
17 now, this heavily trafficked state highway has been
18 completely closed at one time for five and a half
19 weeks reduced to one lane or had reduced speeds due
20 to longwall damage.

21 Currently there is still a long
22 section damaged by panel 6 with a 20-mile-per-hour
23 speed limit due to, as the sign says, severe
24 pavement distress.

1 An overnight rain event in late
2 August of this year resulted in water over part of
3 the highway, but no warnings were put out until late
4 morning. I travel this road regularly, and I'm
5 surprised that no one has been injured driving over
6 the damaged pavement.

7 Will surveillance repairs be adequate
8 once the panels are subsiding on rural county and
9 township roads? Why is a private company even
10 allowed to damage public roadways, inconvenience the
11 public, and possibly affect their safety?

12 Early concerns about damage to homes,
13 sheds, grain bins, and other structures on farms are
14 now a reality. Most of the homes within the first
15 mine panels are gone. So the county lost an entire
16 farm community. Many more will be damaged with the
17 additional 7,731.8 acres of shadow area approved in
18 Revision 2 to 399.

19 On my family's farm, 12 grain storage
20 bins and 2 farm sheds will be damaged by subsidence
21 from panel 6 in about a month.

22 In the application for permit 399,
23 Hillsboro Energy checked "yes" as their answer to
24 the question: Within the proposed permit shadow or

1 adjacent areas, does the applicant intend to adopt
2 mining technologies which provide for planned
3 subsidence in a predictable and controlled manner?

4 This fallacy of longwall mining
5 resulting in a planned predictable surface
6 subsidence that occurs uniformly is repeated several
7 times. Having witnessed the damage to my family's
8 farm ground from longwall subsidence over the past
9 few years, it is not predictable or uniform.

10 Within the 6 to 7 feet of subsidence
11 occurring on top of the panel width, additional
12 sections dropped another foot or more.

13 In the same application in reference
14 to the change in surface elevation from planned
15 subsidence, Hillsboro Energy stated that most of the
16 subsidence will not be noticeable due to the general
17 relief of the terrain over the shadow area.

18 In fact, the transformation of
19 formerly flat farm ground to rolling terrain is
20 quite noticeable. Early concerns of farmers about
21 the impacts of longwall subsidence on the farmland
22 are now a reality.

23 Formerly level fields with good
24 drainage and minimal erosion now have pooled water

1 due to subsided areas being unable to drain over
2 higher, unsubsidied ground, and topsoil erosion on
3 slopes created by longwall panels.

4 Appendix F to Revision Number 2

5 states that Hillsboro Energy must correct material
6 damage resulting from subsidence caused to surface
7 lands to the extent technologically and economically
8 feasible by restoring the land to a condition
9 capable of maintaining the value and reasonably
10 foreseeable uses which it was capable of supporting
11 before subsidence. Hillsboro Energy subsidence
12 control plan, as modified, contains a description of
13 measures to be taken in order to comply.

14 Level farm ground will never be
15 restored to what it was before being subsided.
16 Ground that has been flooded for over a year will
17 never be as productive. Topsoil lost to erosion
18 cannot be restored.

19 What is this subsidence control plan?
20 And where can it be found? Is there an overall
21 drainage plan? And if the subsidence is as planned
22 and predictable as stated, can landowners see such
23 plans before their land is subsided?

24 Appendix F also states that the

1 department will review the performance of Hillsboro
2 Energy's subsidence control plan in the field
3 concerning prompt and effective mitigation. The
4 department will monitor Hillsboro Energy's
5 performance in meeting land mitigation requirements,
6 replacement of protected water supplies, and
7 structure mitigation requirements.

8 Quarterly reports -- and this is my
9 emphasis -- detailing the mitigation accomplished
10 and outlining future mitigation planning to ensure
11 compliance, as required in the original permit,
12 shall continue for the areas approved in that
13 Revision 2.

14 In looking at these reports, I am not
15 finding -- excuse me -- many details under the
16 sections for monitoring or mitigation. Reports from
17 all four quarters from 2022 and the first three
18 quarters of 2023 all contain the very same
19 statements from the mine for monitoring.

20 Subsidence monitoring points were
21 established prior to any subsidence occurring on the
22 first panel. These points were then surveyed
23 post-subsidence, and a model was generated from this
24 data to aid in predicting future subsidence. Actual

1 surface subsidence was observed on a regular basis
2 in order to mitigate drainage issues.

3 Reports from all four quarters of
4 2022, and, again, the first three quarters of 2023,
5 all contain the very same statements for mitigation.

6 Subsidence mitigation is an ongoing
7 process to correct surface water drainage. This is
8 accomplished by installing field drainage tile,
9 along with cleaning and setting grade to surface
10 ditches. Mine management is evaluating and
11 coordinating with local landowners regarding the
12 subsided areas that have not been mitigated due to
13 the idled operations.

14 My question: How are these
15 cut-and-paste comments in any way detailed as to the
16 monitoring and mitigation? Why are there no details
17 on what actual surface subsidence is being observed
18 or actual mitigation to correct surface drainage?

19 Who determines that "met all
20 applicable regulations" in one section of the report
21 can be checked? The mine or the department?

22 Any model generated from the first
23 longwall panel is probably not reflective of issues
24 with subsequent panels. As previously mentioned,

1 the subsidence in later panels has not always been
2 predictable. The first two longwall panels drain to
3 the north, so these did not experience the same
4 drainage issues as subsequent panels in which the
5 natural drainage to the south was impeded by the
6 higher unsubsidized ground.

7 The monthly land reclamation general
8 inspection reports done by IDNR also often contain a
9 cut-and-paste lack of detail, especially as it
10 pertains to the shadow area. The January to
11 October 2023 reports all stated under "comments" the
12 same comments.

13 The Deer Run Mine conducts subsidence
14 mitigation to correct surface water drainage over
15 mined-out panels. The operators continue to monitor
16 all longwall panels that have been mined out and is
17 performing longwall subsidence mitigation in an
18 appropriate manner.

19 Some observations under Number 6,
20 revegetation, in early 2023, did seem to refer to
21 fields along Route 185 requiring drainage work and
22 revegetation of new ditches, but most issues of this
23 inspection report with erosion and vegetation seem
24 to refer only to permit areas.

1 My question: Is the land reclamation
2 report to cover inspections of the permit area and
3 the shadow area? If so, why isn't there more
4 reporting on conditions in the shadow area?

5 Does the department actually monitor
6 the subsidence within all of the panels? And how is
7 it determined if the mitigation is adequate?

8 Is there adequate communication with
9 affected landowners or mainly the mine and its
10 contractors?

11 Observations on IBR Number 14 to
12 Permit 399 are cited in these general inspection
13 reports. This IBR was for construction including
14 concrete pads, vent fans, and roadway work, and was
15 approved in February of 2021. A silt fence was
16 required to be maintained as an IDNR-approved
17 construction plan to prevent the state-threatened
18 ornate box turtle from moving into the IBR area.
19 Reports in August, October, and November 2021
20 indicated that the silt fence was failing in some
21 areas, and the operator was required to repair and
22 monitor the silt fence on a regular basis.

23 The January 2022 report said the
24 operator had to submit an inspection and maintenance

1 plan to IDNR and to keep a log. It wasn't until the
2 April 21, 2022, report, that any mention of the
3 condition of the fence was made again, and the
4 comment then was: The operator has repaired and
5 inspected the silt fence on a regularly scheduled
6 basis.

7 Then, in January of this year, the
8 report states the silt fence is degrading to the
9 point it will need maintenance. Reports from March,
10 April, May, July, August, September, and October of
11 this year all state that some fabric is down and
12 some stakes are broken off.

13 My questions: Why is the mine not
14 required to comply with maintenance of this silt
15 fence as per the conservation plan?

16 Is the inspection maintenance log
17 required as of March 31, 2022, being kept? And is
18 it checked by the department?

19 The October 18, 2023, report states
20 that IDNR did a field inspection on October 11th
21 regarding a request by the mine for release of
22 excess bond of the unaffected acreage. Was the
23 fence inspected then? And if the mine is not
24 complying with the conservation plan, would release

1 of bond still be granted?

2 In reviewing the Deer Run renewal
3 application, Section 1.3, there are 22 listings for
4 a 399 "dash" shadow area "dash" Revision 1, totaling
5 7,731 "point" acres. I contend that this is an
6 error on the application.

7 In Table 1.5.2, the violations
8 history, there are over 400 violations listed for
9 applicant and owners, controllers of the applicant.
10 Most of the violations involve the Illinois mines,
11 which included Hillsboro Energy, Williamson Energy,
12 Sugar Camp Energy, and also Macoupin Energy. The
13 majority of the violations with a status not listed
14 as being abated were also Illinois mines.

15 My question is: Does the sheer
16 volume of total violations ever influence the
17 renewal of mine permits?

18 Someone once said to me: "Your
19 brother is passionate about his land."

20 And in our mobile society now where
21 people often don't stay in the same place or job for
22 an extended time, this may be hard for some people
23 to understand, but most farm families still have a
24 deep history and attachment with their farms.

1 The farm that I live on now is a
2 centennial farm, purchased by my grandfather over a
3 hundred years ago and remaining in my family. The
4 farm that I grew up on was purchased by my father in
5 the 1940s and '50s. Family members still live
6 there, and my brother still farms it.

7 How many of you still share this kind
8 of attachment to where you grew up? How many have
9 worked the same job at the same location for 40, 50,
10 or 60 years? This is why farmers care so much about
11 their land.

12 A government mining official once
13 commented that longwall mining's planned subsidence
14 was preferable to the unplanned subsidence from room
15 and pillar mining that could have impacts 50 or a
16 hundred years later. I doubt that anyone directly
17 affected by the extensive subsidence from longwall
18 mining would agree, but in the coming years, we can
19 ask the families within the additional 7,731 "point"
20 acres of shadow area approved in April of 2021, with
21 Revision 2 to Permit 399.

22 How can private companies be allowed
23 to damage private property for their own profit?
24 Why is longwall mining allowed?

1 From the longwall damage I've already
2 witnessed, my opinion is that the permit renewal
3 should be denied. Thank you for the opportunity to
4 speak. Sorry I'm so long-winded.

5 MS. BLUMENSHINE: Can I finish? This
6 is Joyce Blumenshine continuing my comment. I
7 appreciate this opportunity.

8 So previously I was talking about the
9 criteria under 62 Illinois Administrative Code
10 1774.15(c) where it has the approval process and
11 then letter (1) criteria. I talked about my
12 concerns that the terms and conditions of existing
13 permit are not being satisfactorily met, and I just
14 want to refer to a few things yet.

15 So the contention is that the present
16 surface coal mining and reclamation are not in
17 compliance with the environmental protection
18 standards of the Act and regulatory program. I
19 talked about the accumulation of heavy metals'
20 toxicity being a legacy impact for generations to
21 come here and concerns for the health impacts.

22 And referring to the earlier
23 approvals for Permit 399, the IDNR findings in
24 Appendix D to Permit 399 said that the plan of

1 restoration submitted by Hillsboro does not present
2 any actual or probable hazard to public health or
3 safety, nor does it pose any actual threat of water
4 diminution or pollution.

5 I contend that if IDNR really looked
6 at the full picture of this situation, accumulative
7 impacts of the coal slurry impoundments, and what
8 the mine is doing to the area, that statement would
9 be found to be false.

10 So in continuing with some concerns,
11 I mentioned that the letter "B," about the
12 reclamation operators are not in compliance is one,
13 and then the last part of that criteria is letter
14 "C," which states, "The requested renewal
15 substantially jeopardizes the operator's continuing
16 ability to comply with the Act and the regulatory
17 program on existing permit areas."

18 I think from what you've heard
19 tonight, it is clear that there are grievous
20 concerns about, A, timely reclamation of longwall
21 damages of all kinds, whether it's drainage, whether
22 it's the ability to farm on flooded areas, and
23 multiple impacts of concerns of impacts.

24 You have also heard about the

1 violations concern. I raise again the concerns that
2 this company under Foresight Energy has a long
3 history of permit violations of failures to comply.
4 And concerns for the safety for now and the public
5 in the past: Mine underground fires, pumping of
6 significant amounts of nitrogen and other
7 substances.

8 And I raise before you tonight
9 something that happened September 1st of 2023.
10 This was an appellate court decision reversing a
11 circuit court decision in the case titled,
12 "Clark" -- C-L-A-R-K -- "versus Foresight,"
13 F-O-R-E-S-I-G-H-T -- "Energy, LLC," multiple LLCs,
14 where a farmer in the area of the Pond Creek
15 Mine (sic) filed suit because his farm had multiple
16 effects from the PFAS chemical used at the Pond
17 Creek Mine and the fire efforts of that mine to put
18 it out with this highly, highly toxic, long-term,
19 nonbiodegradable, known very toxic substance.

20 And so this farmer filed, because in
21 September of 2021, he noticed an upwelling of water
22 on his farm where no such spring had previously
23 existed. He further alleged that upwelled water
24 contained a metallic sheen or film that did not

1 freeze during cold weather and was located in a
2 livestock pasture area.

3 In November of 2021, several animals
4 pastured in the area of the upwelled water died,
5 including one herd bull, four cows, one calf, and
6 four sheep. Additionally, a dog that began to feed
7 off one of the dead sheep subsequently became ill.

8 So this farmer filed because of loss
9 of portions of his livestock after drinking this
10 contaminated water or consuming the vegetation
11 contaminated by this permanent pollutant, loss of
12 portions of his livestock from chronic illness and
13 that he could not sell them having to condemn
14 portions of livestock, future losses of livestock
15 because of the ground pollution and water pollution,
16 and present and future loss to the value of his real
17 property, and the enjoyment of his property and his
18 waters, and the continuing cost.

19 These are some of the personal, very
20 significant impacts. And I know that's not this
21 mine, but it is the same company; it is the same
22 operators; it is the same overall attitude.

23 And we have seen in the mine fires
24 here: What will the next fire mean? Will it be

1 PFAS poisoning, or will it be the water drawdown
2 that happened in the significant previous fire?

3 So that was September of this year.
4 The circuit court found that the farmer was entitled
5 to justice, but the mine filed again -- and this
6 company and its attitude toward the public
7 pulled -- that it had a release from many years
8 earlier that the farmer had accepted cash in lieu of
9 repair or replacement to structures or facilities
10 damaged by the mine.

11 So the mine said, "Well, that means
12 that the farmer couldn't sue."

13 Although this was totally different.
14 And they lost in appellate court. These mines have
15 deep pockets. They have legions of attorneys. The
16 public individuals and innocent groups trying to
17 fight for the land and water have to use their own
18 resources.

19 So getting near closing.

20 The more recent event just happened
21 five days ago. I would have called to your
22 attention that the Pond Creek Mine -- again, the
23 Foresight mine -- in Williamson County has
24 significant concern because of a situation where

1 there is a slope, S-L-O-P-E; slide, S-L-I-D-E;
2 situation. They're huge, hazardous -- high-hazard
3 dam, coal slurry retention pond. Many citizens
4 years and years, over years, tried to raise
5 attention to the agency to the hazards of this mine
6 and its expansion. You can say maybe the agency
7 thought it was too big to fail. It is failing, and
8 this is real concerns. It's serious enough that
9 this mine is even offering to pay hotel rooms for
10 people too afraid to stay in their homes for fear of
11 this mine bursting and the slurry escaping and
12 flooding the area.

13 This is another exhibit. I'll turn
14 these in as another part of the ongoing concerns for
15 repeated, serious, overall, extensive violations of
16 this mine.

17 And in closing, I just want to raise
18 the fact we are here on December 4th of 2023.
19 Across the world -- almost halfway across -- ongoing
20 are, again, annual climate negotiations to help
21 preserve the temperature of this climate for future
22 generations for their survival and life as we have
23 been very fortunate to know it. The creatures, the
24 plants, the well-being we have enjoyed are at risk.

1 This is 2023. The head of the UN has said we have
2 until 2030 to cut down, stop carbon-based fuels.

3 You, as state agency people, have the
4 power to look at every one of these criteria for
5 renewal and see where you can take your authority
6 and perhaps do a little better, to require a higher
7 standard from this company that has for years
8 violated water permits and done all kinds of amazing
9 things and gotten by with it. We ask your utmost
10 attention to these renewals. We have no time to
11 lose.

12 As a citizen of this nation, we
13 appeal to what is happening in our state. Our
14 governor has a very substantial plan to get Illinois
15 off of carbon fuels, but without your help -- with
16 renewing these permits another five years for all
17 this extensive, more longwall mining, we are in big
18 trouble.

19 And the daily decisions now by each
20 of us regarding our responsibility to current and
21 future generations and the well-being of this planet
22 have to be made, and people have to be brave and
23 bold because the proof is the glaciers are melting;
24 the poles are melting. Water increase will wipe out

1 Miami, New York. We are looking at major, huge
2 impacts from people trying to survive.

3 If we think we have immigration
4 problems now, think about 2030 when these effects
5 will be multiplied and ongoing. If we are now the
6 people that push the dice by allowing more carbon
7 pollution with over 2 degrees of an increase in our
8 temperature average, who are we now? And what will
9 people in the future say?

10 So I appeal to you in the urgency of
11 the moment, in the urgency of this hour, and in the
12 urgency of what is before all of us: To speak truth
13 to power, to speak truth to profits, and the legacy
14 of mining, as it has been given every permit and
15 leniency possible, please help us. Thank you.

16 MR. NAVARRETE: Thank you.

17 MS. OAKES: Joyce, do you know how
18 many exhibits you submitted to be on the record?

19 MS. BLUMENSHINE: I had four
20 exhibits, and I do believe I'm counting them
21 correctly.

22 MS. OAKES: Thank you.

23 MS. BLUMENSHINE: Thank you.

24 MR. NAVARRETE: All right. Would

1 anybody else like to speak?

2 MS. DECLUE: That's okay.

3 MS. BLUMENSHINE: She does have
4 another comment if we have time, Hearing Officer, if
5 that's all right.

6 MR. NAVARRETE: I think we have time.

7 MS. DECLUE: This is Mary Ellen
8 DeClue.

9 This is my -- this is what I
10 presented earlier, and then this is what I gave you.

11 If you need to cut me off, it's fine.
12 I'm a bit long-winded also.

13 Basically I wrote this one evening
14 when I was just -- I couldn't sleep because
15 sometimes social issues get to you, and culture and
16 environmental issues.

17 Longwall mining failed promises;
18 realities of Deer Run Mine, a longwall mine owned by
19 Hillsboro Energy, HEL, in Montgomery County.
20 Foresight Energy is a corporate head overseeing
21 three other longwall mines in Illinois.

22 Citizens Against Longwall Mining is a
23 nonprofit organization that was established to
24 protect Montgomery County's farmland, water

1 resources, and quality of life. Can we afford the
2 real cost of allowing coal privilege in the form of
3 inadequate regulatory practice and oversight?

4 The heading "coal privilege" demands
5 that coal cannot be considered toxic. Number 1, the
6 toxicity of coal is ignored until it settles in
7 miners' lungs and destroys their body with black
8 lungs.

9 Number 2. Coal dust in the air
10 during Hillsboro High School football practice is
11 ignored, but the intense heat further aggravates
12 breathing problems for the athletes.

13 Number 3. Hillsboro Hospital is
14 forced to use air filters that must be replaced
15 often to trap coal dust to help patients breathe
16 better.

17 Number 4. Children on the playground
18 suffer more than coal dust -- more from coal dust
19 due to their asthmatic conditions.

20 5. Residents with respiratory
21 problems should not be exposed to harmful coal dust.

22 6. Carcinogenic chemicals like
23 polycyclic aromatic hydrocarbons, or PAHs, and heavy
24 metals like lead, mercury, cadmium, cobalt exist in

1 coal dust. That prevails in communities surrounding
2 Deer Run Mine.

3 Bless you.

4 Number 7. Particulate coal dust, the
5 size of 2.5 microns, is especially harmful for
6 residents. There's no problem from
7 exposure -- there is no protection from exposure
8 since no restrictions or monitoring of coal
9 particles is required. Remarkably, Illinois EPA
10 does not enforce the Clean Air Act in coal field
11 areas. It's kind of hard to believe, isn't it?

12 The next heading. Coal privilege
13 means that the coal operator is not obligated to
14 residents.

15 Number 1. Problems at a coal mine
16 like a fire, leakage of coal slurry, or excursions
17 of chemicals off the mine site do not require that
18 HEL communicate with neighbors. The host community
19 has no mandated source of valid mine information.
20 The local newspapers publish the few letters to the
21 editor, but do not interview or document what the
22 coal company is doing.

23 In fact, if CALM wants the public to
24 know about Deer Run Mine public meetings as we did

1 for this one, we placed an ad in the local paper to
2 remind people to please show up because it is
3 important.

4 Deer Run -- Deer Run Mine's halo
5 image is protected at the expense of the community.
6 Excuse me.

7 Number 3. Likewise the regulatory
8 agencies, like IDNR and Illinois EPA, do not
9 communicate effectively with residents. They
10 require a Freedom of Information request for
11 specific information. The problem is that coal
12 operators can make changes and additions to their
13 public permits that are erroneously considered
14 insignificant with no notices to the public. How do
15 you write for a Freedom if you don't know it
16 existed?

17 Number 4. One insignificant revision
18 approved by IDNR involved the habitat of the
19 threatened ornate box turtle. The habitat
20 infringement and danger to the turtle happened with
21 no consideration for the unknown consequences to the
22 little creatures. IDNR was careless with this
23 conservation area that was awarded to it by
24 advocates in Montgomery County. HEL's longwall

1 mining self-interests and needs superseded the
2 protective purpose of the conservation area.

3 The next topic. Coal privilege
4 exists since state and federal mining regulations
5 cater to the coal operator.

6 Number 1. Coal operators self-report
7 outfall events and contamination occurrences. When
8 a violation occurs, there is little pressure to fix
9 it in a timely manner or prevent repeat offenses.
10 Reasonable deadlines for coal operators to mitigate
11 violations do not exist. Instead, violations
12 accumulate. Unresolved violations should be used to
13 prevent renewals of permits or expansions, but that
14 does not happen. Coal permits are rubber-stamped
15 for approval, renewal, or temporary furlough to the
16 detriment of our community.

17 Number 2. If a requirement is
18 burdensome for the longwall mining operator,
19 exemptions, exceptions, and qualifications are
20 allowed by IDNR and Illinois EPA. HEL was exempt
21 from monitoring groundwater in the 7,731.8-acre
22 expansion with the erroneous assumption that most
23 residents were not dependent on well water.

24 Number 3. Documentation of Deer Run

1 Mine's damage in the community comes mainly from
2 residents in the community, not from the state or
3 federal agencies tasked with oversight.

4 Number 4. The original Permit 399
5 application had many errors and inadequacies and
6 misleading information that CALM members raised.
7 However, the predicted drainage problems, threat to
8 one's resources, and safety issues were ignored by
9 IDNR.

10 Number 5. HEL did not submit how it
11 would correct the ponding of water, drainage, and
12 restoration of the sunken land in 399 Permit
13 application for renewals. These impacts have not
14 been corrected, and increase, as more longwall
15 panels are mined.

16 Number 6. Approval of Permit 424
17 allowed a huge, high-hazard coal slurry impoundment
18 to disastrously -- hard word -- to inundate several
19 communities upon failure. The manager of the Office
20 of Water Resources, a division at IDNR, admitted
21 that a risk assessment was not done. I was there at
22 that meeting. I could not believe -- I could not
23 believe they would approve a coal slurry -- a
24 high-hazard coal slurry impoundment, that upon

1 failure, would doom many communities in Montgomery
2 County. And they didn't even bother to do a risk
3 assessment? This isn't West Virginia for God's
4 sake. It's Illinois. It's Illinois.

5 The next. Coal privilege allows
6 inadequate mining laws to continue without changes.

7 Number 1. Subsidence impacts to land, water
8 resources or anything above the longwall mining
9 machine happened in the shadow area of Deer Run
10 Mine. The coal industry is not required by any
11 state or federal mining law to cover the costs of
12 subsidence mitigation. Amazingly, there is no more
13 financial requirement for longwall mining than for
14 room and pillar. The bonding requirements for room
15 and pillar mining are the same as the bonding
16 requirements for longwall mining despite the
17 substantially greater risk longwall mining poses to
18 surface land and water resources.

19 The amount of bonding is determined
20 by the estimated cost of reclamation of the mine
21 site, not subsidence damage in the shadow area.
22 Revision 2 of 399 expanded the shadow area of
23 Deer Run Mine by 7,700 acres with no additional
24 escrow money required by HEL. This lack of

1 financial guarantee to repair material damage to
2 land and water resources is especially egregious
3 since Foresight Energy has questionable economic
4 stability following a recent bankruptcy.

5 Current state, Number 3. Current
6 state and federal mining laws do not require that
7 HEL compensate landowners for loss or contamination
8 of streams, wells, or springs unless the water is
9 used for household drinking water.

10 Number 4. Mining laws do not require
11 compensation for the permanent -- and I want to
12 emphasize permanent damage to farmland -- long-term
13 flooding increased erosion due to more slopes,
14 compaction of soils, mixing of topsoils that
15 negatively affect viability and productivity of
16 cropland. If the soil can grow crops at all, even
17 significantly less productive after longwall mining,
18 the low standard is met, no harm done.

19 Number 5. Landowners of Montgomery
20 County that no longer have their coal and subsidence
21 rights have effectively lost control of their land
22 and property. HEL's coal extraction interest
23 supersedes the farmers' interests in planting crops.

24 Coal privilege also has perpetuated

1 the myth that the national energy supply must
2 include coal-fired utilities with a carbon-capture
3 assembly attached. Currently, the energy supply
4 from coal in the United States is around 20 percent.
5 Coal proponents are eager to increase and stabilize
6 coal use by luring the carbon dioxide emitted
7 through carbon capture and storage. The climate
8 crisis demands that fossil fuels stay in the ground,
9 but the coal legacy remains a lucrative and
10 protected industry.

11 Number 2. Carbon capture and
12 storage -- CCS -- is well-subsidized through federal
13 funding, but CCS will not help to lower greenhouse
14 gases or improve air quality. CCS is expensive,
15 inefficient, and hazardous. Most captured CO2 has
16 been used for enhanced oil recovery, which is
17 counter to climate goals. The promise of wealth has
18 encouraged several pipeline companies to get land
19 easements in Montgomery County for transporting
20 dangerous, high-pressure CO2 from ethanol plants to
21 store in suitable geological areas. Several acres
22 have already been acquired to be used for
23 underground storage of CO2.

24 Number 5. Miles of CO2 pipelines

1 transporting a dangerous, potentially lethal,
2 high-pressure asphyxiant near homes, businesses,
3 farmland, and communities should be a non-starter.
4 The presumption that CO2 injected several hundred
5 feet underground will stay in place forever with no
6 complications is wishful thinking and not
7 reasonable. Carbon capture and storage is a
8 complete boondoggle.

9 In conclusion, coal's legacy has been
10 duly recognized and honored. Energy must come from
11 the above-ground clean resources such as sun, wind,
12 and water. It is time for our country to move on to
13 the 21st Century. That's it.

14 MR. NAVARRETE: Thank you.

15 MS. OSIBAMOWO: Thank you, all, for
16 those comments. If you have anything you want us to
17 regard as we review the permit, and you haven't
18 submitted it, please make sure you include that in
19 the submission.

20 The longer of -- these comments,
21 we're going to address in detail in the findings
22 document. I made sure I've written down a couple of
23 them and highlighted them, so we'll address them.

24 Please, if you haven't provided your

1 email, please send us that so you can get a copy of
2 the documents.

3 As in regards to -- I was going to
4 say the inspection specialist, the land reclamation
5 specialist, we have had people leaving, and, you
6 know, we have had turnover in our department. I
7 just wanted to let you know that. This is not an
8 excuse, but I just wanted you to know that.

9 MR. LARRY SCHRAUT: I know, you know,
10 different ones that left. I've been at this. But
11 that's no excuse for not having somebody qualified
12 on the job.

13 MS. OSIBAMOWO: Exactly.

14 MS. OAKES: And you can find out
15 those qualifications. There's Illinois job sites,
16 and it has the full definition of what that land
17 specialist and reclamation specialist --

18 MR. LARRY SCHRAUT: But when they're
19 signing a document, and you call, and they don't
20 even know that they're over that, something is
21 wrong.

22 MS. OAKES: That is why we have a
23 record tonight. Part of the fact that it's in the
24 rules is that not only it's based on the notes that

1 we take and the listening that we did tonight -- and
2 we very much appreciate you coming out -- but we do
3 take the time to review the record and go through
4 each and every comment that is given to us on many
5 different levels.

6 MS. BLUMENSHINE: I have a quick
7 question.

8 Ms. Oakes, I apologize; I don't know
9 the reference number to the Illinois admin code, but
10 there's a comment in one of the regs that if the
11 issues at the informal conference are not resolved,
12 then the public can request a public hearing.

13 And so my thought was, you know, that
14 these informal conferences are more, you know,
15 discussion, but maybe I'm wrong about that. Could
16 you please explain that? And can we have any
17 discussion now?

18 MS. OAKES: Absolutely.

19 It's within the same codes that we've
20 been talking about tonight, and there are people
21 that have already requested a public hearing.

22 It's -- it is as much of a discussion as we can be
23 prepared for. Some of the things that we're hearing
24 are new; some of the things are not new.

1 And our main intention is truly not
2 to argue with you over issues that we may from the
3 regulatory and statutory discretion not necessarily
4 disagree with you: Terrible effects, ecological,
5 environmental effects. That's not an issue of
6 disagreement here. It's whether we can through the
7 permitting process enforce any of those or have a
8 larger effect on those. So that's why we do come to
9 attend and take notes and try to attend to as many
10 of them as we can.

11 If we have some additional time, if
12 there's -- if there's very specific
13 questions -- Kemi has made copious notes -- that we
14 can attend to small things right now, but it's on a
15 larger scale of looking over tons of documentation.
16 There are many things that were brought up tonight
17 that I will be looking into as well.

18 Cut-and-paste language in quarterly
19 reports have an effect -- and that does have an
20 effect on the legal side because I don't do anything
21 on the technical side, but when I look at -- when
22 we're enforcing agreements with the mining companies
23 when we're arguing over whether -- semiannual
24 reports or quarterly reports, and then we're getting

1 cut and paste within those reports, that's a big
2 concern to me. That doesn't help at all document
3 what is being addressed and doesn't help articulate
4 what is being addressed. So that is something that
5 I will go back on.

6 I certainly don't want you guys to
7 feel like your efforts are going on deaf ears, but
8 this is something that we can prepare as much as we
9 can for all of these comments, and it is very nice
10 to have your comments ahead of time, so those are
11 things that we can look into ahead of time.

12 And if there's anything, Kemi, that
13 you think you can specifically address tonight, but
14 a lot of these are much larger issues.

15 MS. OSIBAMOWO: Yes, I do agree with
16 you that there are much larger issues. I can
17 highlight a few of them regarding the GIRs.

18 Now, as you know, you do have -- you
19 have been receiving those -- those are reports by
20 the land reclamation specialist, and just as you
21 know, writing reports, everybody has their own
22 different style. When you get them, I'm not
23 sure -- did you get the ones for this year, or are
24 they from last year?

1 MR. LARRY SCHRAUT: Both.

2 MS. OAKES: Three -- and four
3 quarters from 2022, and three out of four from 2023.

4 There are a couple things that Kemi
5 and I discussed before we opened the hearing today,
6 and that was if there's discrepancy about
7 subsidence, are there always state inspections
8 requested through our website? And because we can't
9 address things until we know about them -- so if
10 they're not things that we know about, are
11 they -- and I know you know this process and have
12 attempted to address things -- so not specifically,
13 but when things are pointed out to us through that
14 process, then we have a documentation trail, and we
15 can have more answers readily available to those
16 people who know how to address that.

17 MR. LARRY SCHRAUT: So I mean,
18 who -- I guess I'll get back to the expert that's
19 supposed to know all this? I mean, somewhere along
20 there, this expert that, you know, as yet I haven't
21 seen him.

22 MS. OAKES: Well, the point that you
23 made tonight and one other occasion that the
24 agricultural background is not included as much in

1 the land reclamation specialist, that rang very
2 true, and to be honest with you, it's something that
3 I looked into in the land reclamation description
4 and the qualifications that we look for. Is that
5 something that we need to address with the larger
6 agricultural background? We were very, very lucky
7 to have the same long-term individuals with the
8 department for 30 and 30-plus years. Those people
9 retired. And so then we're looking at a new
10 generation of those qualifications and how we need
11 to address that in our employment, as well as the
12 balance with CMS and how they address the hiring
13 process.

14 MS. OSIBAMOWO: With that being said,
15 we do have on the staff a series of people that have
16 background with soils, and these are -- you know, if
17 you have issues, and you want expert advice on those
18 issues, they're always a phone call away.

19 MR. LARRY SCHRAUT: Okay. I never
20 have been able to be in touch with these people in
21 the process.

22 I know -- I go back a long ways. Dan
23 Barkley was -- he used to come to the meetings, and
24 I understand he has health issues, which, you know,

1 I understand that, but whatever. We discussed
2 things 15 years ago, and a lot of the things that I
3 discussed have come true.

4 MS. OSIBAMOWO: Something else that I
5 had highlighted during the comments: Whether the
6 sheer volume of violations affect permit renewal
7 decisions?

8 Now, that's something that we
9 actually regard and consider during the review
10 processes, if there is a history of violations. We
11 also examine who the regulatory agency is that is
12 issuing those violations and what the company is
13 doing, what the mine is doing to address those
14 issues.

15 Now, that's a very, very important
16 process, a very important part of the process in the
17 review for renewals as well. So it's something that
18 we do take into consideration. And we also let the
19 mine know if they have violations, that they need to
20 be addressing with whoever it is who issued those
21 violations. That takes precedence. You know, they
22 have to address those issues before we issue the
23 approval.

24 If we do issue, we can conditionally

1 approve the renewal until -- sorry. We can
2 conditionally approve the renewal if they are
3 working with the regulatory body to address -- and
4 they would let us know.

5 Now, when we deem this application
6 complete, the mine was required to let IEPA know
7 they submitted two copies of this renewal
8 application to IEPA. So we coordinate our review
9 with the IEPA for the renewal as well.

10 MS. OAKES: And request comments from
11 IEPA and Department of Agriculture.

12 MS. OSIBAMOWO: I just want to put
13 that out there so that you do know.

14 MR. LARRY SCHRAUT: I thank you for
15 answering the questions.

16 A couple of years ago I was at a
17 meeting, and everybody just sat there and didn't
18 answer anything.

19 MS. OAKES: Well, and I hope you have
20 seen the difference over the years. At IDNR, we do
21 listen to you. We have to listen to both sides
22 equally, too. So please understand everybody has
23 their emotional pull in each direction, and we have
24 to create a balance between those two things within

1 the statute and the regulations, but there has been
2 a change.

3 And I myself -- I can only speak for
4 myself -- and I have worked with Jim this entire
5 time, and Kemi has been here the entire
6 time -- that we've worked very hard to try and open
7 the lines of communication and listen and apply as
8 much as we can to both sides, to the best of our
9 abilities, within the guidelines that we have.

10 MR. LARRY SCHRAUT: And Jim has been
11 very cooperative in furnishing material. We
12 appreciate that.

13 MS. DRESSEN: So can you clarify
14 between a public hearing and this informal
15 conference? Is there really a big difference
16 between the two, or are they basically conducted the
17 same?

18 MS. OAKES: There's a difference.

19 For a public hearing, I would say
20 that it is within -- within the definitions that are
21 included in the regulations, that that is
22 more -- leans towards the airing of your grievances,
23 get it all out on the record. That is not a time
24 where we have response. It is further along in the

1 permitting process. We don't have a response on the
2 spot; we have it within the confines of a decision.

3 This one is an opportunity for us
4 more to try and listen and communicate with you at
5 the time to questions that we can identify.

6 The hard part for us is -- while
7 we're listening to things that might fall in the
8 category of complaint, we're also listening for
9 things that can fall in the category of question and
10 trying to respond to those within a timely manner.

11 It is very important to me that the
12 informal comment is such a part of the consideration
13 for renewal, and that's why we openly welcome
14 that -- when we can, try and make it available.

15 I apologize for the elevator being
16 broken in the other building, so it didn't make it
17 accessible. So within these close confines, we try
18 and address the questions that we can that we have a
19 response to.

20 MS. DRESSEN: So the response will be
21 sent out then, written responses to it, correct?

22 If someone did not make any comments,
23 is there still the time period that they can write
24 in comments yet?

1 MS. OAKES: Not within the informal
2 conference, but within the confines of the public
3 hearing, which I said has already been requested for
4 it at the same time.

5 And I think the intent is that if we
6 can get some questions answered within the informal
7 conference, that gives us an opportunity to avoid
8 the public hearing. When people request at the same
9 time, we're not avoiding the public hearing.

10 So as much communication as we can to
11 be -- to be fair to both the mining side and the
12 advocate side, to respond to these things. We have
13 tried to change the way that we do things with the
14 informal conference, that we can have more of a
15 communication with you, where the public hearing is
16 beyond that communication time, and it is time to
17 get in whatever final comments you have before any
18 decision is made on the permit.

19 Would anyone else like to talk?

20 (No response.)

21 MR. NAVARRETE: All right. So anyone
22 attending this informal conference who -- or who
23 does provide written comments to the department
24 during the comment period, which was up until today

1 to this, will receive a copy of the department's
2 decision regarding the application. So anyone who
3 put their email address on here.

4 And I want to thank you all for
5 taking your time to come here and for participating.

6 And I am going to now adjourn this
7 informal conference. Thank you.

8

9 (Conference ended 7:12 p.m.)

10

11

12

13

14

15

16

17

18

19

20

21

22

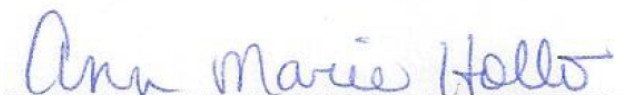
23

24

CERTIFICATE OF REPORTER

I, Ann Marie Hollo, Certified
Shorthand Reporter, Registered Diplomatic Reporter,
and a Certified Realtime Reporter within and for the
State of Illinois, do hereby certify that the
foregoing informal conference was taken by me to the
best of my ability and thereafter reduced to
typewriting under my direction; that I am neither
counsel for, related to, nor employed by any of the
parties to the action in which this informal
conference was taken, and further that I am not a
relative or employee of any attorney or counsel
employed by the parties thereto, nor financially or
otherwise interested in the outcome of the action.

Dated this 6th day of December, 2023.



Certified Shorthand Reporter
State of Illinois

A				
abated 46:14	additions 59:12	54:3 72:11	Ann 1:24 2:13	approval 12:16
abilities 74:9	address 7:15	aggravates	3:22 4:2 78:2	18:19 23:10,16
ability 11:19	21:18 30:22	57:11	Annex 2:12	37:1 48:10
26:6 49:16,22	65:21,23 69:13	ago 47:3 52:21	annual 53:20	60:15 61:16
78:7	70:9,12,16	72:2 73:16	annually 26:1	72:23
able 15:21 71:20	71:5,11,12	agree 47:18	answer 13:5,5	approvals 48:23
above-ground	72:13,22 73:3	69:15	13:11 38:23	approve 11:7
65:11	75:18 77:3	AGREED 4:1	73:18	12:13 61:23
Absolutely	addressed 13:1	agreement	answered 76:6	73:1,2
67:18	17:19 69:3,4	37:13	answering 73:15	approved 11:2
acceptable	addressing	agreements	answers 70:15	12:11,11 16:9
18:16	72:20	68:22	anybody 10:6	38:17 41:12
accepted 52:8	adequate 38:7	agricultural	56:1	44:15 47:20
access 9:12 31:6	44:7,8	17:4 32:15	anyway 25:23	59:18
accessible 75:17	adjacent 39:1	70:24 71:6	apologize 67:8	April 45:2,10
accomplished	adjourn 77:6	Agriculture	75:15	47:20
41:9 42:8	Adm 2:15	73:11	apparent 17:24	area 22:13,14,16
accumulate	admin 67:9	ahead 69:10,11	appeal 54:13	26:7 27:19
60:12	administered	aid 41:24	55:10	29:20 33:2
accumulation	4:14	air 18:7 19:11	appeared 32:14	36:17 38:17
48:19	administering	36:9 57:9,14	appellate 50:10	39:17 43:10
accumulative	6:11	58:10 64:14	52:14	44:2,3,4,18
49:6	administrative	airing 74:22	Appendix 37:9	46:4 47:20
accurate 11:7	6:10,22 7:18	Alan 10:3	40:4,24 48:24	49:8 50:14
acquired 64:22	8:14 9:5 11:24	alerted 17:22	applicable 8:9	51:2,4 53:12
acreage 45:22	12:6 15:4 22:7	alleged 50:23	22:14 42:20	59:23 60:2
acres 19:4 29:23	23:15 31:6	allotted 13:6	applicant 9:1	62:9,21,22
38:17 46:5	48:9	20:19	12:9 39:1 46:9	areas 11:20 19:5
47:20 62:23	administrativ...	allowed 18:4	46:9	29:12,20 39:1
64:21	8:23	23:3 38:10	application 1:11	40:1 41:12
Act 2:17 6:19,20	admitted 61:20	47:22,24 60:20	2:5,8,22 7:2	42:12 43:24
11:16,19 25:7	adopt 39:1	61:17	8:6,13,15,21	44:21 49:17,22
48:18 49:16	adults 26:12	allowing 55:6	8:22 9:2,6,10	58:11 64:21
58:10	27:15	57:2	11:7 12:11,13	argue 20:13,15
action 78:10,14	adversely 12:19	allows 62:5	12:14,14,20	68:2
actions 24:23	31:14	Alton 10:4	13:8 21:22	arguing 68:23
activities 36:9	advice 71:17	Alzheimer's	37:10 38:22	aromatic 57:23
actual 41:24	advocate 76:12	26:13	39:13 46:3,6	arranging 16:5
42:17,18 49:2	advocates 59:24	amazing 54:8	61:5,13 73:5,8	articulate 69:3
49:3	affect 32:6,6	Amazingly	77:2	asphyxiant 65:2
ad 23:4 59:1	38:11 63:15	62:12	applications	assembly 64:3
addition 9:8	72:6	amount 29:3	9:13 13:24	assessed 19:10
additional 12:5	afford 57:1	62:19	apply 74:7	assessment
12:7 19:7	afraid 53:10	amounts 50:6	appointed 4:13	61:21 62:3
38:17 39:11	afternoon 2:10	Amy 3:4 4:22	appreciate	assume 22:17,18
47:19 62:23	2:11	13:12 16:3	21:12,22,24	assumption
68:11	agencies 6:10	amy.oakes@il...	22:22 48:7	60:22
Additionally	18:3 59:8 61:3	3:8	67:2 74:12	assured 37:6
51:6	agency 24:22	analysis 19:11	appropriate	asthmatic 57:19
	25:13 53:5,6	animals 51:3	33:11 43:18	athletes 57:12

attached 64:3	17:13 18:19	brave 54:22	carbon-based	circuit 50:11
attachment	66:24	breathe 57:15	54:2	52:4
46:24 47:8	basically 56:13	breathing 57:12	carbon-capture	cited 44:12
attempted 70:12	74:16	brevity's 8:5	64:2	citizen 21:19
attend 68:9,9,14	basis 42:1 44:22	Brian 3:3 4:10	carbonite 5:9	23:8 54:12
attended 29:11	45:6	7:11 8:1	Carcinogenic	citizens 24:21
attending 76:22	Bates 10:2	brian.m.navar...	57:22	26:5 29:14
attention 19:18	bear 13:10,11	3:7	care 19:1 30:19	53:3 56:22
22:24 52:22	Bearcat 19:6	brief 7:5	47:10	CITY 1:1 2:1
53:5 54:10	24:7	broken 45:12	carefully 30:2	clarify 74:13
attitude 51:22	began 51:6	75:16	careless 59:22	Clark 50:12
52:6	beginning 23:16	brother 46:19	Carl 20:6	Clayton 3:19
attorney 4:11,22	31:10 36:1	47:6	carry 11:1	4:19 33:13,14
78:12	believe 17:21	brought 15:3	case 7:24 9:5,24	clean 5:22 58:10
attorneys 52:15	21:12 55:20	22:1 68:16	50:11	65:11
AUDIENCE	58:11 61:22,23	brunt 33:20	cash 52:8	cleaning 42:9
14:6,9,12	benefit 36:14	building 75:16	category 75:8,9	clear 30:7 49:19
August 38:2	best 13:5,11	bull 51:5	cater 60:5	clearly 5:23
44:19 45:10	74:8 78:7	burden 27:20	cause 2:14	22:12 24:24
aura 18:1	better 54:6	burdensome	caused 36:24	clerk 9:3,7
authority 54:5	57:16	60:18	40:6	clerk's 9:9
authorization	beyond 76:16	Burgess 28:4,5	CCS 64:12,13	climate 36:6
6:17	big 53:7 54:17	bursting 53:11	64:14	53:20,21 64:7
authorizing 6:13	69:1 74:15	business 16:22	centennial 47:2	64:17
available 6:7 9:8	bins 38:13,20	businesses 65:2	centuries 17:11	close 15:1 34:6,9
9:11 70:15	bit 56:12		Century 65:13	75:17
75:14	black 57:7	C	certain 2:14	closed 37:18
average 55:8	Bless 58:3	c 3:1 11:17	33:17	closing 52:19
avoid 76:7	blight 27:20	23:16 27:22,24	certainly 21:24	53:17
avoiding 76:9	Blumenshine	49:14	24:17 69:6	closures 25:2
awarded 59:23	10:4 14:18	C-L-A-R-K	CERTIFICATE	CMS 71:12
	21:6,7,9 28:2	50:12	78:1	CO2 64:15,20
B	35:14 48:5,6	cadmium 57:24	Certified 4:3	64:23,24 65:4
b 11:13 22:9	55:19,23 56:3	calf 51:5	78:2,4,22	coal 2:16 6:12
25:4 49:11	67:6	call 5:10 15:6	certify 78:5	6:15,18 7:20
back 20:22	body 11:16 57:7	22:24 66:19	change 31:16	11:10,13 16:9
27:24 31:9	73:3	71:18	36:6 39:14	16:11,15,16,18
36:2 69:5	bold 54:23	called 25:23	74:2 76:13	16:19,23,24
70:18 71:22	bond 12:2,5	34:15 52:21	changes 30:8	17:5,6,8,10,24
background	45:22 46:1	CALM 29:13	59:12 62:6	18:4 19:14,22
28:24 32:15	bonding 18:6	58:23 61:6	Chapter 6:19	25:5 26:24
70:24 71:6,16	62:14,15,19	Camp 46:12	checked 38:23	27:1,2 29:13
balance 17:3	book 34:21	capable 40:9,10	42:21 45:18	36:2,6,9,10,18
19:8,13 71:12	boondoggle 65:8	capture 64:7,11	chemical 50:16	48:16 49:7
73:24	bother 62:2	65:7	chemicals 57:22	53:3 57:2,4,5,6
bankruptcy	boundaries 11:3	captured 64:15	58:17	57:9,15,18,18
63:4	22:13	carbon 3:23 5:9	children 26:11	57:21 58:1,4,8
Barkley 7:13	box 44:18 59:19	29:1 54:15	57:17	58:10,12,13,15
71:23	brain 27:15	55:6 64:6,7,11	Chris 28:19	58:16,22 59:11
based 5:14 13:8	Branch 19:6	65:7	chronic 51:12	60:3,5,6,10,14

61:17,23,24	73:10 75:22,24	49:12	74:15 76:2,7	continue 7:4
62:5,10 63:20	76:17,23	complications	76:14,22 77:7	12:3 29:7
63:22,24 64:4	communicate	65:6	77:9 78:6,11	41:12 43:15
64:5,6,9	58:18 59:9	comply 11:19	conferences	62:6
coal's 65:9	75:4	40:13 45:14	67:14	continued 9:19
coal-fired 64:2	communication	49:16 50:3	confines 75:2,17	continuing
cobalt 57:24	44:8 74:7	complying 45:24	76:2	11:18 33:8
code 2:15 11:24	76:10,15,16	comprehend	confirmed 19:1	48:6 49:10,15
12:6 22:7	communities	19:3	connected 19:12	51:18
23:15 48:9	16:12 17:14	comprehensive	consecutive 9:4	contractors
67:9	18:22 36:14	19:10	consequences	44:10
codes 6:22 67:19	58:1 61:19	concern 50:1	59:21	control 16:20
Coffeen 10:3	62:1 65:3	52:24 69:2	conservation	40:12,19 41:2
19:5	community	concerned 29:5	2:16 6:18	63:21
cold 51:1	19:21 36:7	34:5	45:15,24 59:23	controlled 24:19
colleagues 28:21	38:16 58:18	concerning 41:3	60:2	39:3
collect 10:18	59:5 60:16	concerns 24:6,9	consider 12:22	controllers 46:9
15:2	61:1,2	27:20 36:5,6	17:7 23:12	convenience
come 5:17 20:17	compaction	36:24 37:3	72:9	7:22
20:22 27:24	63:14	38:12 39:20	consideration	convert 19:17
34:4 48:21	companies	48:12,21 49:10	18:9 24:11	cooperative
65:10 68:8	47:22 64:18	49:20,23 50:1	59:21 72:18	74:11
71:23 72:3	68:22	50:4 53:8,14	75:12	coordinate 73:8
77:5	company 24:15	conclusion	considered	coordinating
comes 17:8 61:1	24:20 36:15,18	13:13 65:9	10:13 13:1	42:11
comfortable	38:9 50:2	concrete 44:14	57:5 59:13	coordinator
15:24	51:21 52:6	condemn 51:13	considering	3:14 4:24
coming 31:20	54:7 58:22	condemnation	29:21 30:15	copies 7:8 31:3,4
33:16 47:18	72:12	24:13	constraints 18:6	31:7 73:7
67:2	compensate	condition 40:8	construction	copious 68:13
comment 10:11	63:7	45:3	44:13,17	copy 6:5 9:2
14:16 21:10	compensation	conditionally	consuming	22:2 66:1 77:1
23:24 25:18	18:7 63:11	72:24 73:2	51:10	corporate 56:20
28:12,14,22	compiled 6:20	conditions 11:9	contacted 34:12	correct 33:6
45:4 48:6 56:4	10:12 13:1	23:22 24:7,9	contain 41:18	40:5 42:7,18
67:4,10 75:12	complain 34:1	24:10,13 26:7	42:5 43:8	43:14 61:11
76:24	complaint 75:8	30:10 44:4	contained 50:24	75:21
commented	complaints	48:12 57:19	contains 40:12	corrected 31:23
47:13	32:11	condones 24:22	contaminated	61:14
commenting	complete 8:23	conduct 8:20	51:10,11	correctly 55:21
28:21	9:5 11:7 65:8	conducted 2:21	contamination	cost 18:5 51:18
comments 2:20	73:6	74:16	36:8 60:7 63:7	57:2 62:20
5:12 9:20	completely 24:5	conducts 33:6	contend 25:9	costs 62:11
10:10,18 12:24	37:18	43:13	46:5 49:5	counsel 3:4 4:12
13:5 15:3	completeness	conference 1:9	contention	78:9,12
23:20 28:5,9	8:14,17	2:3,7,20 4:14	27:18 48:15	counter 64:17
31:17 35:4,6	compliance 8:21	5:23 6:23 8:2	continually	counting 55:20
42:15 43:11,12	11:15 25:6,10	9:21 10:1,7,12	27:19	country 65:12
65:16,20 69:9	25:15 27:8	12:17 14:15,16	continuation	counts 23:14
69:10 72:5	41:11 48:17	15:2,7 67:11	18:13	county 2:12 9:3

9:3,6,9 17:20 18:16 19:15,19 36:1,1,23 38:8 38:15 52:23 56:19 59:24 62:2 63:20 64:19 County's 19:2 56:24 County-wide 9:17 couple 21:18,19 65:22 70:4 73:16 course 28:23 court 3:21 5:21 6:1 15:21 50:10,11 52:4 52:14 Courthouse 2:12 cover 17:14 44:2 62:11 cows 51:5 Crawford 28:8,9 create 73:24 created 36:17 40:3 creatures 53:23 59:22 Creek 3:23 19:6 19:6,7 24:7 50:14,17 52:22 crisis 64:8 criteria 12:15 13:8 23:10,15 48:9,11 49:13 54:4 critical 26:15 cropland 63:16 crops 31:19 63:16,23 Cross 3:19 4:19 CRR 1:24 2:14 3:22 CSR 1:24 2:14 3:22 culture 56:15 current 54:20 63:5,5	Currently 17:7 37:21 64:3 cut 54:2 56:11 69:1 cut-and-paste 42:15 43:9 68:18 <hr/> D <hr/> D 11:21 48:24 D-R-E-S-S-E-N 35:20 daily 54:19 dam 53:3 damage 18:7 25:11 36:21 37:3,20 38:10 38:12 39:7 40:6 47:23 48:1 61:1 62:21 63:1,12 damaged 37:22 38:6,16,20 52:10 damages 24:7 30:5,18 36:23 49:21 Dan 7:13 71:22 danger 59:20 dangerous 64:20 65:1 dash 46:4,4 data 25:17,20,21 26:17 41:24 date 33:17 Dated 78:17 David 28:13 day 2:11 21:13 31:16 78:17 days 9:22 52:21 dead 51:7 deadlines 60:10 deaf 69:7 December 1:13 2:8 53:18 78:17 decided 7:22 decision 12:19 13:7 50:10,11 75:2 76:18	77:2 decisions 54:19 72:7 DeClue 10:5 13:18,21 14:2 15:15,16,19 16:2 20:3 56:2 56:7,8 decrease 18:15 dedicated 29:6 deem 73:5 deemed 8:23 deep 46:24 52:15 Deer 1:10 2:4,8 2:22 7:3 16:7 17:22,24 18:24 19:22 25:24 29:12 33:5 35:22 36:13 43:13 46:2 56:18 58:2,24 59:4,4 60:24 62:9,23 definition 66:16 definitions 74:20 degrading 45:8 degrees 55:7 demands 57:4 64:8 denied 48:3 deny 12:16 department 2:17,21 3:2,5 3:10,15 4:11 5:20 7:13 8:20 9:24 11:6 12:5 12:8,13,16 33:22 41:1,4 42:21 44:5 45:18 66:6 71:8 73:11 76:23 department's 6:6 9:11 77:1 dependent 60:23 described 12:22 13:9 describes 22:12	description 22:11 40:12 71:3 despite 62:16 destroys 57:7 destruction 19:20 destructive 36:13 detail 31:18 43:9 65:21 detailed 8:18 25:15 42:15 detailing 41:9 details 22:21 41:15 42:16 determine 8:18 determined 18:13 44:7 62:19 determines 42:19 detriment 60:16 devastating 19:8 development 18:23 27:14 dice 55:6 died 51:4 difference 73:20 74:15,18 different 10:22 32:14 52:13 66:10 67:5 69:22 difficult 19:3 diminution 49:4 dioxide 64:6 Diplomatic 78:3 directed 24:20 direction 73:23 78:8 directly 47:16 disagree 68:4 disagreement 68:6 disastrous 17:22 disastrously 61:18 discrepancy 70:6	discretion 68:3 discussed 70:5 72:1,3 discussion 67:15 67:17,22 distress 37:24 district 3:10 4:21 7:12 23:9 ditch 31:22 33:24 34:6,9 ditches 31:20 42:10 43:22 division 2:19 4:15 61:20 document 58:21 65:22 66:19 69:2 documentation 60:24 68:15 70:14 documents 66:2 dog 51:6 doing 49:8 58:22 72:13,13 dominated 18:2 Don 28:16 doom 62:1 doubt 47:16 drain 31:21 40:1 43:2 drainage 33:7 39:24 40:21 42:2,7,8,18 43:4,5,14,21 49:21 61:7,11 drains 31:22 drawdown 52:1 Dressen 10:3 20:6,7,8,9,15 20:18 35:7,8 35:12,16,19 74:13 75:20 drinking 51:9 63:9 driving 38:5 drop 36:20 dropped 39:12 due 37:4,19,23 39:16 40:1 42:12 57:19
---	--	--	---	---

63:13	78:13	43:23 63:13	59:16	53:7
duly 65:10	employee 34:4	erroneous 60:22	existing 11:3,9	fails 12:14
dust 36:10 57:9	78:12	erroneously	11:20 23:22	failure 61:19
57:15,18,18,21	employment	59:13	24:14 48:12	62:1
58:1,4	71:11	error 46:6	49:17	failures 50:3
<hr/>	enable 22:14	errors 61:5	exists 60:4	fair 76:11
E	encompass 8:6	escaping 53:11	expanded 62:22	fall 75:7,9
E 3:1,1 12:1	encourage 21:15	escrow 62:24	expansion 18:24	fallacy 39:4
eager 64:5	encouraged	especially 16:10	19:4 53:6	false 49:9
earlier 29:1	64:18	37:4 43:9 58:5	60:22	families 30:16
48:22 52:8	ended 77:9	63:2	expansions	46:23 47:19
56:10	energy 1:10 2:4	establish 18:23	60:13	family 18:12,14
early 37:5 38:12	2:7,24 3:19	established 18:1	expedited 6:5	47:3,5
39:20 43:20	4:20 7:3 16:15	41:21 56:23	14:23	family's 18:14
ears 69:7	17:5,8,10 36:3	estimate 14:20	expense 59:5	38:19 39:7
earth 29:4,5	38:23 39:15	17:9 26:1	expensive 64:14	fans 44:14
easements 64:19	40:5,11 46:11	estimated 26:23	experience 43:3	far 21:16 32:24
ECHO 25:13,21	46:11,12,12	62:20	expert 70:18,20	farm 18:21
27:16	50:2,13 56:19	ethanol 64:20	71:17	30:16 33:19
ecological 68:4	56:20 63:3	evaluating 42:10	expiration 11:4	38:16,19,20
economic 18:10	64:1,3 65:10	evening 4:9 21:9	explain 67:16	39:8,19 40:14
18:23 63:3	Energy's 35:22	56:13	exposed 57:21	46:23 47:1,2,4
economically	41:2,4	event 38:1 52:20	exposure 58:7,7	49:22 50:15,22
40:7	enforce 58:10	events 60:7	extended 46:22	farmer 18:11
editor 58:21	68:7	everybody 7:7	extensive 47:17	33:15 34:12
effect 12:3,4	enforcement	9:13 69:21	53:15 54:17	50:14,20 51:8
68:8,19,20	6:11,15 25:14	73:17,22	extent 40:7	52:4,8,12
effective 41:3	enforcing 68:22	evidence 11:22	extract 16:15,18	farmers 34:6,8
effectively 59:9	enhanced 64:16	12:2	18:4 36:18	39:20 47:10
63:21	enjoyed 53:24	Exactly 66:13	extracting 16:24	farmers' 63:23
effects 26:12	enjoyment	examine 72:11	extraction 63:22	farming 32:2
27:13 36:6,7	51:17	exceedances	eyedropper	34:6,8
50:16 55:4	ensure 41:10	24:16	27:12	farmland 18:22
68:4,5	entire 38:15	exceptions 60:19	<hr/>	19:2 30:5
efforts 21:13	74:4,5	excess 45:22	F	39:21 56:24
50:17 69:7	entirely 33:21	excursions	F 37:9 40:4,24	63:12 65:3
egregious 24:21	entitled 52:4	58:16	F-O-R-E-S-I-...	farms 38:13
63:2	environment	excuse 13:17	50:13	46:24 47:6
elevation 39:14	17:4 25:11	41:15 59:6	fabric 45:11	fast 16:24
elevator 75:15	26:3 27:9	66:8,11	facilities 52:9	father 47:4
Ellen 10:4 15:15	environmental	exempt 60:20	facility 25:15	favor 16:22
56:7	11:15 25:7,10	exemptions	facing 30:16	fear 53:10
email 30:22 31:1	25:13,14 48:17	60:19	fact 24:1,6,15	feasible 40:8
66:1 77:3	56:16 68:5	exhibit 22:20	29:22 34:3	February 44:15
emitted 64:6	EPA 58:9 59:8	25:16 53:13	39:18 53:18	federal 6:10
emotional 30:15	60:20	exhibits 23:19	58:23 66:23	16:22 17:12
73:23	equally 73:22	24:17 55:18,20	fail 53:7	25:13 60:4
emphasis 41:9	erosion 24:8,9	exist 24:10 57:24	failed 23:14	61:3 62:11
emphasize 63:12	32:7,9,20 34:7	60:11	56:17	63:6 64:12
employed 78:9	39:24 40:2,17	existed 50:23	failing 44:20	feed 51:6

feel 69:7	49:22	54:21 55:9	grain 38:13,19	58:11 61:18
feet 39:10 65:5	flooding 53:12		grandfather	74:6 75:6
fence 44:15,20	63:13	G	47:2	harm 19:20
44:22 45:3,5,8	following 10:9	gases 64:14	granted 46:1	63:18
45:15,23	63:4	general 39:16	greater 37:16	harmful 36:7
fewer 36:16,16	foot 39:12	43:7 44:12	62:17	57:21 58:5
field 31:22 34:1	football 57:10	generally 8:6	greenhouse	hat 14:4
41:2 42:8	force 12:3	generated 41:23	64:13	hazard 49:2
45:20 58:10	forced 57:14	42:22	grew 47:4,8	hazardous 53:2
fields 30:8,13	foregoing 78:6	generation	grievances	64:15
31:21 39:23	foreseeable	71:10	74:22	hazards 53:5
43:21	40:10	generations	grievous 49:19	head 6:2,2 54:1
fight 52:17	Foresight 50:2	27:21 48:20	ground 19:12	56:20
file 9:2	50:12 52:23	53:22 54:21	21:18 23:11	heading 57:4
filed 9:6 36:3	56:20 63:3	geological 64:21	24:1,3,8 30:7	58:12
50:15,20 51:8	Foresight-own...	George 28:6	39:8,19 40:2	health 24:24
52:5	36:12	getting 16:9	40:14,16 43:6	25:12 26:4
filing 22:8	forever 65:5	52:19 68:24	51:15 64:8	48:21 49:2
film 50:24	form 57:2	Ginger 3:23	groundwater	71:24
filters 57:14	formerly 39:19	GIRs 69:17	36:8 60:21	healthy 29:6
final 76:17	39:23	give 19:16	groups 52:16	hear 10:7,17
financial 18:5,12	forth 13:3	given 55:14 67:4	grow 31:19	15:22 21:15
62:13 63:1	fortunate 53:23	gives 2:19 76:7	63:16	heard 49:18,24
financially	fossil 64:8	glaciers 54:23	grows 31:19	hearing 3:3 4:2
78:13	found 6:19,21	Glen 3:23 5:9	guarantee 63:1	4:7,13 8:2 21:7
find 26:18,18	40:20 49:9	28:24	guess 70:18	22:5,21 56:4
66:14	52:4	go 5:1 15:8,14	guidelines 74:9	67:12,21,23
finding 41:15	four 9:4,19 19:5	20:10,20,21	gullies 32:23	70:5 74:14,19
findings 21:1	32:1,13 41:17	23:18 31:9,18	gully 34:7	76:3,8,9,15
48:23 65:21	42:3 51:5,6	33:14,14,15,17	guys 69:6	
finds 11:8	55:19 70:2,3	34:13 67:3		heat 57:11
fine 21:2 56:11	Freedom 59:10	69:5 71:22	H	heavily 37:17
finish 23:6 48:5	59:15	goals 64:17	habitat 59:18,19	heavy 25:17
fire 50:17 51:24	freeze 51:1	God's 62:3	half 37:16,18	26:1,9 48:19
52:2 58:16	frustrated 34:17	goes 27:1,1	halfway 53:19	57:23
fires 25:2 50:5	fuels 54:2,15	going 4:17 5:15	halo 59:4	HEL 16:15 18:4
51:23	64:8	7:9 25:23	hand 8:7	18:8,9,13
first 5:2 8:13	full 12:3 21:22	29:18 31:13,16	handout 19:15	56:19 58:18
9:15 15:7,14	23:12 25:19	31:18 32:20	happen 16:8	60:20 61:10
16:3 21:21	49:6 66:16	34:19 65:21	19:20 60:14	62:24 63:7
28:24 36:3	fully 24:11	66:3 69:7 77:6	happened 30:6	HEL's 18:11
38:14 41:17,22	funding 64:13	good 4:9 9:14,14	35:3 50:9 52:2	19:18 59:24
42:4,22 43:2	furlough 60:15	9:14 13:13	52:20 59:20	63:22
five 2:10 29:23	furnishing 74:11	21:9 34:2	62:9	held 6:24 8:3
37:18 52:21	further 50:23	39:23	happening	29:15
54:16	57:11 74:24	gotten 54:9	21:17 29:17	Hello 7:7
fix 60:8	78:11	government	34:14 54:13	help 53:20 54:15
fixed 30:19	future 26:5,8	47:12	happens 33:18	55:15 57:15
flat 39:19	41:10,24 51:14	governor 54:14	happy 29:1	64:13 69:2,3
flooded 40:16	51:16 53:21	grade 42:9	hard 46:22	helpful 21:23
				herd 51:5

Hey 33:16 34:13	hours 2:9 14:24	67:9 78:5,22	industry 6:12	interested 78:14
High 57:10	household 63:9	illness 51:12	18:1,20 62:10	interests 63:23
high-hazard	huge 53:2 55:1	image 59:5	64:10	interview 58:21
53:2 61:17,24	61:17	imagine 19:19	inefficient 64:15	introduce 4:18
high-pressure	humans 27:14	immigration	inequitable	introduced 7:11
64:20 65:2	hundred 47:3,16	55:3	17:19	inundate 61:18
higher 36:14	65:4	impact 19:9 29:3	infant 27:14	Inventory 25:24
40:2 43:6 54:6	hydrocarbons	48:20	infants 26:11	involve 46:10
highlight 69:17	57:23	impacts 17:14	influence 46:16	involved 59:18
highlighted	hydrologic 19:8	17:22 26:4,15	influenced 18:3	issue 68:5 72:22
65:23 72:5	19:13	37:13 39:21	informal 1:9 2:3	72:24
highlighting		47:15 48:21	2:7,20 4:2,13	issued 72:20
10:15	I	49:7,23,23	5:23 6:23 8:2	issues 42:2,23
highly 27:11	IBR 44:11,13,18	51:20 55:2	9:21 10:1,6,11	43:4,22 56:15
36:15 50:18,18	idea 29:20	61:13 62:7	12:17 15:7	56:16 61:8
highway 24:4	identify 22:15	impeded 43:5	67:11,14 74:14	67:11 68:2
31:20,22 33:23	75:5	important 10:16	75:12 76:1,6	69:14,16 71:17
33:24 37:4,17	idled 42:13	16:6 59:3	76:14,22 77:7	71:18,24 72:14
38:3	IDNR 16:14	72:15,16 75:11	78:6,10	72:22
Hillsboro 1:1,10	17:2 18:4,20	imposes 26:2	information	issuing 72:12
2:1,4,7,13,23	19:1 21:10,22	impoundment	8:19 12:7,21	
3:19 4:20 7:3	22:4,17 23:1	27:2 61:17,24	22:22 58:19	J
9:16 10:2	23:13 24:9,11	impoundments	59:10,11 61:6	James 3:14
16:14 22:2	34:4 43:8 45:1	36:9 49:7	infringement	January 43:10
27:3,3 35:22	45:20 48:23	improve 64:14	59:20	44:23 45:7
36:3 38:23	49:5 59:8,18	inadequacies	initial 5:15	Jeff 20:23,24
39:15 40:5,11	59:22 60:20	61:5	injected 65:4	jeopardizes
41:1,4 46:11	61:9,20 73:20	inadequate 57:3	injured 38:5	11:18 49:15
49:1 56:19	IDNR-approved	62:6	injustice 18:16	Jim 4:23 13:12
57:10,13	44:16	include 22:11	innocent 52:16	74:4,10
hired 5:20	IDOT 33:22	64:2 65:18	insignificant	job 46:21 47:9
hiring 71:12	37:13	included 22:1	59:14,17	66:12,15
history 25:15	IEPA 73:6,8,9	46:11 70:24	inspect 33:17	jobs 36:17
46:8,24 50:3	73:11	74:21	inspected 45:5	Johannes 28:6,7
72:10	ignored 57:6,11	includes 13:21	45:23	Journal-News
Hollo 1:24 2:14	61:8	30:7	inspection 34:11	9:16
3:22 4:3 78:2	ill 2:15 51:7	including 36:7	34:11 43:8,23	Joyce 10:4 21:6
homes 38:12,14	Illinois 1:2 2:2	36:13 44:13	44:12,24 45:16	21:9 29:10
53:10 65:2	2:13 3:2,5,6,10	51:5	45:20 66:4	30:4 35:9 48:6
honest 71:2	3:12,15,16,23	inconvenience	inspections 44:2	55:17
honored 65:10	4:11 6:13,19	38:10	70:7	July 8:16 45:10
hope 26:17	6:21 11:23	increase 54:24	installing 42:8	justice 52:5
73:19	12:6 17:18,21	55:7 61:14	instituted 7:18	
hopefully 26:19	22:6 23:15	64:5	insurance 11:22	K
hoping 9:12	24:4,21 32:4	increased 63:13	intend 39:1	K-A-R-Y-L
horrible 27:13	36:12 46:10,14	indicated 29:1	intense 57:11	35:19
Hospital 57:13	48:9 54:14	44:20	intent 76:5	Karyl 10:3 20:7
host 16:13 58:18	56:21 58:9	individuals	intention 68:1	20:8 35:19
hotel 53:9	59:8 60:20	23:11 52:16	interest 12:18	keep 5:17 45:1
hour 55:11	62:4,4 66:15	71:7	26:18 63:22	Kemi 3:9 4:20

7:4,8,11 68:13 69:12 70:4 74:5 kept 45:17 key 21:18 kind 16:17 47:7 58:11 kindly 23:10 kinds 49:21 54:8 know 6:1 7:17 9:20 14:19 20:9 21:13,15 22:18 24:12 27:13 32:3,5 32:13,15,16,19 32:21,24 33:13 33:16 34:17,20 51:20 53:23 55:17 58:24 59:15 66:6,7,8 66:9,9,20 67:8 67:13,14 69:18 69:21 70:9,10 70:11,11,16,19 70:20 71:16,22 71:24 72:19,21 73:4,6,13 knowing 30:17 known 26:10 50:19 Kruse 5:5,8 28:19,20 31:2	landowner 33:20 landowners 16:20 40:22 42:11 44:9 63:7,19 lands 40:7 lane 24:4 37:19 language 68:18 larger 68:8,15 69:14,16 71:5 Larry 10:2 15:9 15:10,13,16,17 20:14 31:10,11 31:11 34:24 66:9,18 70:1 70:17 71:19 73:14 74:10 late 29:11 38:1,3 law 62:11 laws 16:22 62:6 63:6,10 lead 26:10,15 27:5 57:24 leader 23:9 leakage 58:16 leans 74:22 learned 16:8,10 leaving 27:19 66:5 left 4:20 5:17 66:10 legacy 27:19 48:20 55:13 64:9 65:9 legal 3:4 4:12 68:20 legions 52:15 leniency 55:15 let's 27:24 33:17 34:13 lethal 65:1 letter 22:8,9 23:16,21 25:4 27:22 48:11 49:11,13 letters 58:20 level 39:23 40:14 levels 30:14 67:5 liability 11:22	lieu 52:8 life 16:12 31:15 53:22 57:1 Likewise 59:7 limit 5:15 37:23 lines 74:7 linked 26:12 list 15:8 31:10 listed 26:9 46:8 46:13 listen 73:21,21 74:7 75:4 listening 67:1 75:7,8 listings 46:3 litany 24:16 Litchfield 10:3,5 Litigation 3:22 little 54:6 59:22 60:8 live 22:18 47:1,5 livelihood 18:14 livestock 51:2,9 51:12,14,14 LLC 3:19 7:3 16:15 50:13 LLCs 50:13 local 21:15 22:15 42:11 58:20 59:1 locally 26:5 located 9:3 51:1 location 22:12 22:23 47:9 log 45:1,16 logistics 5:2 long 5:19 21:13 30:6 37:21 50:2 71:22 long-term 26:11 50:18 63:12 71:7 long-winded 20:10 35:18 48:4 56:12 longer 16:16,19 20:19 23:3 24:10 63:20 65:20 longwall 16:10	16:13,23 17:15 18:12 19:21 29:12,14,17,21 33:7,9,10 35:24 36:11,24 37:7,20 39:4,8 39:21 40:3 42:23 43:2,16 43:17 47:13,17 47:24 48:1 49:20 54:17 56:17,18,21,22 59:24 60:18 61:14 62:8,13 62:16,17 63:17 look 34:5,13 35:2 54:4 68:21 69:11 71:4 looked 30:1 49:5 71:3 looking 26:16 31:13 32:16 41:14 55:1 68:15,17 71:9 lose 54:11 loses 18:14 loss 30:10 51:8 51:11,16 63:7 losses 51:14 lost 16:20 31:24 32:2 38:15 40:17 52:14 63:21 lot 16:8 21:14,14 22:19 26:13 30:2 31:3 32:19 35:17 69:14 72:2 Loucks 28:13,14 lovely 19:16,19 low 63:18 lower 64:13 lowest 18:5 LRD 4:15,16,16 6:9 7:12,18 8:14 9:22 LRD's 6:17 lucky 71:6 lucrative 64:9	lungs 57:7,8 luring 64:6 <hr/> M <hr/> machine 62:9 Macoupin 46:12 main 2:13 8:10 34:10 68:1 maintain 18:22 maintained 44:16 maintaining 40:9 maintenance 44:24 45:9,14 45:16 major 24:6,18 55:1 majority 46:13 management 42:10 manager 3:10 4:21 7:12 61:19 mandate 17:19 mandated 58:19 manipulated 18:1 manner 33:11 39:3 43:18 60:9 75:10 map 22:11,22 March 45:9,17 margin 18:20 36:15 Marie 1:24 2:13 3:22 4:3 78:2 Mary 10:2,4 15:15 30:4,4 56:7 material 40:5 63:1 74:11 matter 35:15 maximum 16:23 McDavid 19:6 mean 5:23 12:23 27:7 33:13 51:24 70:17,19 means 21:14 52:11 58:13
--	---	--	---	---

measures 40:13	33:6,14 35:22	misleading 61:6	name 4:10 10:7	nitrogen 50:6
mechanized	37:4,13 38:15	mitigate 42:2	35:19	nods 6:2
36:16	41:19 42:10,21	60:10	nation 54:12	non-starter 65:3
medical 26:13	43:13 44:9	mitigated 42:12	nation's 17:5,6	nonbiodegrad...
meet 12:12,15	45:13,21,23	mitigation 33:6	national 64:1	50:19
23:14	46:17 49:8	33:10 41:3,5,7	natural 2:17 3:2	nonprofit 56:23
meeting 16:6	50:5,15,17,17	41:9,10,16	3:5,6,10,11,15	north 7:12 43:3
41:5 61:22	51:21,23 52:5	42:5,6,16,18	3:16 4:11 43:5	northern 3:10
73:17	52:10,11,22,23	43:14,17 44:7	Navarrete 3:3	4:21 23:9
meetings 32:19	53:5,9,11,16	62:12	4:8,10 5:7,11	Nos 2:23
58:24 71:23	56:18,18 58:2	mixing 63:14	13:16 14:3,7	note 10:20 13:7
melting 54:23,24	58:15,17,19,24	mobile 46:20	14:10,14 15:1	notes 66:24 68:9
MEMBER 14:6	62:10,20,23	model 41:23	15:11,15,20	68:13
14:9,12	72:13,19 73:6	42:22	20:2,6,8,13,17	notice 2:19 9:4
members 47:5	Mine's 59:4 61:1	moderately 8:18	20:21 21:2,6	22:3,8,11
61:6	mined 19:21	modified 40:12	27:23 28:4,6,8	noticeable 39:16
mention 25:1	29:19 33:9	moment 4:17	28:10,13,16,19	39:20
45:2	43:16 61:15	26:17 55:11	30:24 31:8	noticed 50:21
mentioned	mined-out 33:7	money 18:15	35:5,10 55:16	notices 9:23
13:18 23:2	43:15	23:3 62:24	55:24 56:6	59:14
42:24 49:11	Minerals 2:18	monitor 33:8	65:14 76:21	November 44:19
mercury 27:10	4:15,23	41:4 43:15	near 52:19 65:2	51:3
27:11,13 57:24	miners 36:16	44:5,22	nears 25:19	number 5:14 7:2
met 11:10 23:23	miners' 57:7	monitoring 18:6	necessarily 68:3	23:17 37:10
24:2,5,14	mines 2:18 4:14	41:16,19,20	need 5:5 17:5,6	40:4 43:19
42:19 48:13	4:23 7:2 24:19	42:16 58:8	18:19 30:1	44:11 57:5,9
63:18	24:23 36:12	60:21	34:24 45:9	57:13,17 58:4
metal 26:2	46:10,14 52:14	Montgomery	56:11 71:5,10	58:15 59:7,17
metallic 50:24	56:21	2:12 9:6,17	72:19	60:6,17,24
metals 25:17	minimal 39:24	17:20 18:16	needs 17:10 30:2	61:4,10,16
26:9 57:24	mining 2:16	19:2,14 36:23	36:16 60:1	62:7 63:5,10
metals' 48:19	6:12,15,18	56:19,24 59:24	negatively 63:15	63:19 64:11,24
method 36:11	7:20 11:11,14	62:1 63:19	negotiated 18:8	67:9
Miami 55:1	16:11,22 17:11	64:19	negotiations	
microns 58:5	17:12,13,16	month 33:12	53:20	O
Midwest 29:16	25:5 29:12,14	38:21	neighbors 58:18	o'clock 2:10,11
Miles 64:24	35:24 36:8,11	monthly 33:5	neither 78:8	Oakes 3:4 4:22
Miller 19:6	36:24 37:7	34:11 43:7	never 25:20	14:22 15:23
mine 1:10 2:4,8	39:2,4 47:12	morning 38:4	33:18 40:14,17	31:5 34:23
2:22 7:3 9:3	47:15,18,24	move 15:23	71:19	55:17,22 66:14
16:7,9,10,13	48:16 54:17	65:12	new 10:22 16:21	66:22 67:8,18
17:23,24 19:1	55:14 56:17,22	moving 25:4	35:1 43:22	70:2,22 73:10
19:23 20:19	60:1,4,18 62:6	44:18	55:1 67:24,24	73:19 74:18
22:17 23:1,2	62:8,11,13,15	multiple 7:21	71:9	76:1
23:13 24:3,15	62:16,17 63:6	49:23 50:13,15	news 9:15	objections 9:21
24:17 25:2,10	63:10,17 68:22	multiplied 55:5	newspaper 23:3	10:10
25:18,20 26:1	76:11	myth 64:1	newspapers	obligated 58:13
26:2,24 27:7	mining's 47:13		58:20	observations
27:18 29:13	minutes 2:9,10	N	nice 16:3 32:22	43:19 44:11
31:15 32:1	5:15	N 3:1	69:9	observed 42:1

42:17	45:4 58:13	P	38:6	24:22 29:24
occasion 70:23	60:5,18	P 3:1,1	pay 53:9	30:21 35:23
occurrences	operator's 11:18	p.m 4:7 77:9	pending 7:1 13:7	46:17 54:8,16
60:7	49:15	pads 44:14	people 5:16,17	59:13 60:13,14
occurring 39:11	operators 43:15	pages 24:16	15:3,6 19:16	permittee 9:16
41:21	49:12 51:22	PAHs 57:23	21:15 22:18,19	permitting 6:14
occurs 39:6 60:8	59:12 60:6,10	panel 37:14,22	29:15 31:12,14	37:5 68:7 75:1
October 43:11	opinion 48:2	38:21 39:11	46:21,22 53:10	perpetuated
44:19 45:10,19	OPLT 28:17	41:22 42:23	54:3,22 55:2,6	63:24
45:20	opportunity	panels 19:21	55:9 59:2 66:5	perplexed 17:17
offenses 60:9	21:10 48:3,7	33:8,9 38:8,15	67:20 70:16	person 5:16
offering 53:9	75:3 76:7	40:3 42:24	71:8,15,20	personal 51:19
office 2:18 4:12	oppose 30:20	43:1,2,4,15,16	76:8	persons 12:18
4:14,23 9:9	opposed 35:24	44:6 61:15	people's 24:24	pertains 43:10
61:19	opposition 35:21	paper 22:2	Peoria 10:4	PFAS 50:16
officer 3:3 4:13	oral 5:12 6:3	30:23 59:1	percent 17:8	52:1
8:2 21:8 56:4	12:20 14:16	papers 16:1	64:4	phone 71:18
offices 21:16	order 40:13 42:2	paperwork 33:3	performance	picture 23:12
official 47:12	ordered 14:22	paradigm 18:21	12:2 41:1,5	33:21 35:1,2
Oh 34:8	organization	Parkinson's	performing	49:6
oil 64:16	56:23	26:13	33:10 43:17	pictures 32:10
okay 5:4,13 10:9	organized 29:13	Parkway 3:23	period 10:11	32:23
13:18 20:21	original 37:2	part 10:13,15,16	12:4 14:16	pillar 17:11,13
29:7,9,16	41:11 61:4	10:18 15:4	37:5 75:23	47:15 62:14,15
30:14,21,23	ornate 44:18	31:5 38:2	76:24	pipeline 64:18
31:2 56:2	59:19	49:13 53:14	permanent	pipelines 64:24
71:19	Osibamowo 3:9	66:23 72:16	51:11 63:11,12	place 16:1 37:11
Old 27:3	4:21 7:7 10:9	75:6,12	permit 2:22 3:14	46:21 65:5
once 13:10 29:16	13:20,23 20:1	participating	4:24 7:2,5,19	placed 59:1
38:8 46:18	20:5 65:15	77:5	8:7 10:13,19	places 24:23
47:12	66:13 69:15	participation	10:21,22,23	33:24
one's 61:8	71:14 72:4	22:7	11:1,3,4,8,20	plan 16:23 18:12
ones 32:14 66:10	73:12	particles 58:9	13:2,7,19 16:9	40:12,19,21
69:23	outcome 78:14	particularly	16:10,11 22:3	41:2 44:17
ongoing 24:6,18	outcomes 18:12	30:4 36:13	22:7,10,13,16	45:1,15,24
24:23 42:6	outfall 60:7	Particulate 58:4	23:8,22 24:14	48:24 54:14
53:14,19 55:5	outlining 41:10	parties 78:10,13	24:16 25:20	planet 29:8
online 14:20	overall 36:5	Parts 6:22	29:22 36:3	54:21
25:15	40:20 51:22	pass 15:13,18	37:2,9,10	planned 17:15
open 24:5 74:6	53:15	20:3	38:22,24 41:11	19:5 36:21
opened 70:5	overlord 16:21	passable 37:15	43:24 44:2,12	39:2,5,14
openly 75:13	overnight 38:1	passing 25:1,18	47:21 48:2,13	40:21 47:13
operated 24:19	overseeing	passionate 46:19	48:23,24 49:17	planning 19:7
operation 12:3	56:20	paste 69:1	50:3 55:14	41:10
operations 6:16	oversight 17:2	pasture 51:2	61:4,12,16	plans 40:23
11:11,14 25:6	17:18 23:4	pastured 51:4	65:17 72:6	planting 63:23
42:13	57:3 61:3	Pasziewicz	76:18	plants 53:24
operator 11:21	owned 56:18	3:22	permits 7:16,21	64:20
12:1 16:23	owner's 18:19	patients 57:15	7:24 9:10 11:9	playground
33:8 44:21,24	owners 46:9	pavement 37:24	14:1 16:7	57:17

please 5:23 8:8 13:6,10 14:21 19:17 21:12,20 55:15 59:2 65:18,24 66:1 67:16 73:22	predictable 39:3 39:5,9 40:22 43:2	25:2 30:9 55:4 57:12,21 58:15 61:7	29:8 48:17 58:7	26:6 27:8 57:1 64:14
plenty 32:10	predicted 61:7	process 7:6,18	protective 60:2	quarterly 41:8
pockets 52:15	predicting 41:24	7:19 8:12	provide 5:12 7:5	68:18,24
point 23:7,8	prefer 20:4	10:14,19 12:24	12:20 37:14	quarters 41:17
45:9 46:5	preferable 47:14	16:9 23:16	39:2 76:23	41:18 42:3,4
47:19 70:22	prepare 69:8	42:7 48:10	provided 8:19	70:3
pointed 70:13	prepared 67:23	68:7 70:11,14	11:21 12:1,8	question 17:7
points 21:19	presence 21:11	71:13,21 72:16	12:24 65:24	23:5 38:24
41:20,22	present 3:19	72:16 75:1	provides 11:6	42:14 44:1
poisoning 52:1	11:10,13 24:18	processes 72:10	12:17	46:15 67:7
poisonous 26:11	presentation	processing 22:8	providing 29:8	75:9
poles 54:24	30:3	production	public 6:7 9:4,9	questionable
policy 18:2	presented 13:4	26:24	10:11 18:2,19	63:3
pollutant 51:11	56:10	productive	22:2,7,8 25:12	questions 13:6
polluting 27:19	preservation	40:17 63:17	26:8 27:21	13:12 14:15,17
pollution 26:2	19:18	productivity	29:19,19 37:3	21:20 45:13
36:10 49:4	preserve 16:11	17:4 63:15	37:12,15 38:10	68:13 73:15
51:15,15 55:7	18:22 19:8,21	profit 18:20	38:11 49:2	75:5,18 76:6
polycyclic 57:23	53:21	36:15,19 47:23	50:4 52:6,16	quick 67:6
pond 27:12	preserved 19:13	19:23 55:13	58:23,24 59:13	quickly 23:19
50:14,16 52:22	preserving 19:2	program 11:20	59:14 67:12,12	quite 39:20
53:3	pressure 60:8	25:8,10 37:9	67:21 74:14,19	
ponding 61:11	presumption	48:18 49:17	76:2,8,9,15	R
ponds 19:9	65:4	promise 64:17	publication 9:17	R 3:1
pooled 39:24	prevails 58:1	promises 24:3	9:23	rain 38:1
portions 51:9,12	prevent 44:17	56:17	publish 34:20	raise 5:24 23:7
51:14	60:9,13	promote 18:21	58:20	24:12 50:1,8
pose 49:3	previous 32:2	29:7	published 9:15	53:4,17
poses 62:17	52:2	prompt 41:3	pull 73:23	raised 61:6
possible 17:1	previously 42:24	promulgated	pulled 52:7	rang 71:1
18:5 55:15	48:8 50:22	2:15 6:20	pumping 50:5	RDR 1:24 2:14
possibly 38:11	primary 18:9	proof 54:23	purchased 47:2	3:22
post-subsidence	prior 37:1 41:21	property 16:21	47:4	RDR/CRR 4:3
41:23	private 18:20	18:18 47:23	purple 14:4	read 26:17
posted 14:20,23	38:9 47:22,23	51:17,17 63:22	purpose 60:2	readily 70:15
21:22	privilege 18:2	proponents 64:5	pursuant 2:14	real 51:16 53:8
potentially 65:1	19:14 57:2,4	proposed 12:4	6:24 8:3 12:6	57:2
power 27:15	58:12 60:3	22:13,15,23	push 55:6	realities 56:18
54:4 55:13	62:5 63:24	38:24	put 16:1 31:1	reality 37:2
practice 57:3,10	probable 49:2	protect 37:12	32:23 35:1	38:14 39:22
precautions	probably 31:24	56:24	38:3 50:17	realize 24:8
37:11	42:23	protected 41:6	73:12 77:3	really 5:8 22:15
precedence	problem 25:22	59:5 64:10		26:15 29:2,5
72:21	33:4 58:6	protecting 27:8	Q	30:1 35:17
precise 22:12	59:11	protection 11:15	qualifications	49:5 74:15
	problems 24:19	17:3 25:7,13	32:17 60:19	Realtime 78:4
			66:15 71:4,10	reason 7:16
			qualified 66:11	35:17
			quality 16:12	reasonable

60:10 65:7	regularly 38:4 45:5	renewing 7:16 30:20 54:16	requirement 60:17 62:13	retention 53:3
reasonably 40:9	regulations 6:11 6:14,21 8:4,7,9	repair 44:21 52:9 63:1	requirements 6:15 12:12	retired 71:9
receipt 14:24	8:10,21 17:12	repaired 45:4	41:5,7 62:14	revegetation 43:20,22
receive 14:10 77:1	42:20 60:4	repairs 38:7	62:16	reversing 50:10
received 9:24	74:1,21	repeat 60:9	requiring 18:6 43:21	reverted 36:2
receiving 69:19	regulatory 11:16,19 18:3	repeated 39:6 53:15	rerouted 37:8	review 6:8 8:17 8:18,20 9:9,11
reclamation 2:17,19 4:15	24:22 25:8	replaced 57:14	research 26:14	9:12 10:14
6:19 11:11,14	48:18 49:16	replacement 41:6 52:9	reserved 5:19	12:22 24:2
24:1 25:3,6	57:3 59:7 68:3	report 25:16 27:17 42:20	resident 36:22	41:1 65:17
32:12,17 33:2	72:11 73:3	43:23 44:2,23	residents 17:20 18:10,17 22:15	67:3 72:9,17
34:3,15 43:7	related 7:1 13:24 26:3	45:2,8,19	37:1,6 57:20	73:8
44:1 48:16	relation 13:2	reporter 3:21 4:4 5:21 6:1	58:6,14 59:9	reviewed 8:14 10:13 13:1
49:12,20 62:20	relative 78:12	15:21 78:1,3,3	60:23 61:2	reviewing 46:2
66:4,17 69:20	release 25:24 45:21,24 52:7	78:4,22	resolved 67:11	revised 12:7
71:1,3	releases 26:23	reporting 44:4	resources 2:18 3:2,5,6,11,11	revision 10:23 13:22,22 22:10
recognized 65:10	relevant 12:21	reports 33:5 41:8,14,16	3:15,16 4:12	38:18 40:4
record 15:5 31:6 55:18 66:23	relief 39:17	42:3 43:8,11	18:23 19:3	41:13 46:4
67:3 74:23	remain 24:4	44:13,19 45:9	52:18 57:1	47:21 59:17
recovery 64:16	remaining 47:3	68:19,24,24	61:8,20 62:8	62:22
redid 33:23	remains 64:9	69:1,19,21	62:18 63:2	revisions 37:10
reduced 37:19 37:19 78:7	Remarkably 58:9	representing 7:13	65:11	right 5:11 7:10 11:2 13:16
refer 8:8 22:4 43:20,24 48:14	remind 59:2	request 10:6 45:21 59:10	respiratory 57:20	14:3 15:14,21
reference 39:13 67:9	removed 21:17	67:12 73:10	respond 75:10 76:12	16:14 18:18
referred 23:10	renew 19:22	76:8	responds 22:4	28:10,14 31:9
referring 7:9 8:11 25:12	renewal 1:11 2:5 2:8,22 7:2,6,19	requested 11:17 15:7 49:14	response 10:8 74:24 75:1,19	55:24 56:5
48:22	7:23 8:7,12,23	67:21 70:8	75:20 76:20	68:14 76:21
reflected 24:11	9:2,5,10 10:20	76:3	responses 75:21	rights 16:16,19 36:2 63:21
Reflecting 17:23	11:2,8,17 12:4	requesting 6:4	responsibilities 17:18	61:21 62:2,17
reflective 42:23	12:14 13:7	requests 9:21 10:1	responsibility 54:20	road 34:6,9 35:1 35:2 38:4
regard 65:17 72:9	16:7 21:23	require 12:6 19:7 54:6	responsible 6:10	roads 29:19,19 37:3,6 38:9
regarding 2:7 6:12,15 7:5	22:3,10,23	58:17 59:10	restoration 49:1 61:12	roadway 37:15 44:14
22:9 27:10,14	31:12 35:22	63:6,10	restored 40:15 40:18	roadways 38:10
42:11 45:21	46:2,17 48:2	required 10:22 11:23 12:2,8	restoring 40:8	rolling 39:19
54:20 69:17	49:14 54:5	23:1 41:11	restrictions 58:8	room 5:24 17:11 17:13 47:14
77:2	60:15 72:6	44:16,21 45:14	resulted 38:2	62:14,14
regards 66:3	73:1,2,7,9	45:17 58:9	resulting 17:15 39:5 40:6	rooms 53:9
Registered 78:3	75:13	62:10,24 73:6	results 36:21	Route 43:21
regs 67:10	renewals 13:2 23:9 29:22			rubber-stamped 60:14
regular 24:20 42:1 44:22	54:10 60:13			
	61:13 72:17			
	renewed 30:1			

rules 7:1 66:24	Second 5:20	shift 18:21	social 56:15	standard 54:7
run 1:10 2:4,8	section 10:24	shipped 27:1	society 46:20	63:18
2:22 5:18 16:7	11:5 22:6	short 4:16 12:10	soil 32:20 63:16	standards 10:21
17:22,24 19:1	37:22 42:20	shorthand 4:2,3	soils 63:14 71:16	11:16 13:2
19:23 25:24	46:3	78:3,22	sold 36:2	25:7 48:18
27:23 29:12	sections 6:24 8:3	show 59:2	somebody 15:14	start 5:1 14:14
33:5 35:22	8:10 39:12	shown 25:20	66:11	started 32:1
36:13 43:13	41:16	shows 22:12	sorry 11:12	Starting 4:7
46:2 56:18	see 23:12,13	sic 20:6 50:15	12:11 13:17	state 1:2 2:2 6:9
58:2,24 59:4,4	28:20 29:17	side 68:20,21	14:6 25:14	6:12,16 16:21
60:24 62:9,23	30:11,13 31:15	76:11,12	35:16 48:4	17:12,17,21
runs 34:1	34:14 40:22	sides 73:21 74:8	73:1	35:21 37:4,6
rural 18:23	54:5	sign 5:3,5,6 14:5	source 17:5	37:17 45:11
19:19 38:8	seeing 16:3	14:7 37:23	58:19	54:3,13 60:4
Russell 10:3	seen 51:23 70:21	signature 5:9	south 2:12 43:5	61:2 62:11
	73:20	signed 5:13	space 5:19	63:5,6 70:7
S	self-insurance	20:24 28:17	speak 5:4,23	78:5,22
S 3:1	11:23	significant 10:23	14:5,8 15:7,12	state-threaten...
S-L-I-D-E 53:1	self-interests	21:11 37:10	35:7 48:4	44:17
S-L-O-P-E 53:1	60:1	50:6 51:20	55:12,13 56:1	stated 8:1 37:14
safe 26:7 37:14	self-report 60:6	52:2,24	74:3	39:15 40:22
safety 25:12	sell 51:13	significantly	speakers 5:14	43:11
26:4 38:11	semiannual	63:17	speaking 5:17	statement 7:5
49:3 50:4 61:8	68:23	signing 33:3	specialist 32:12	8:5 49:8
sake 8:5 62:4	send 30:22 66:1	66:19	32:17 34:4	statements
Sally 28:4	sent 75:21	silt 44:15,20,22	66:4,5,17,17	12:20 41:19
Sandy 28:8	September 8:24	45:5,8,14	69:20 71:1	42:5
sat 73:17	9:7,18 45:10	similar 37:6	specialists 34:16	states 17:9 37:11
satisfactorily	50:9,21 52:3	Sir 5:7 14:3,18	specific 59:11	40:5,24 45:8
11:10 23:23	series 71:15	site 58:17 62:21	68:12	45:19 49:14
24:2,14 48:13	serious 29:2,2	sites 66:15	specifically 11:6	64:4
save 23:3 30:23	36:21 53:8,15	sitting 27:2	69:13 70:12	status 46:13
saving 32:4	Services 3:22	29:10	speed 37:23	statute 6:13 25:5
says 22:9 25:5	set 6:14 13:2	situation 8:15,22	speeds 37:19	74:1
37:23	setting 42:9	24:21 49:6	split 20:18	statutes 6:17,20
scale 68:15	settles 57:6	52:24 53:2	splitting 20:11	7:9
Schafer 3:14	seven 2:11	six 5:15	spoken 6:3	statutory 23:14
4:23	severe 37:23	size 58:5	spot 75:2	68:3
scheduled 45:5	shadow 22:13	sleep 56:14	spring 50:22	stay 46:21 53:10
School 57:10	38:17,24 39:17	slide 53:1	Springfield 3:6	64:8 65:5
Schraut 10:2	43:10 44:3,4	slope 53:1	3:12,16 21:16	step 8:13
15:9,10,13,17	46:4 47:20	slopes 32:8,9	springs 19:10	STIPULATED
20:23,24 21:3	62:9,21,22	40:3 63:13	63:8	4:1
21:4 31:10,11	shakes 6:2	slowly 29:18	stability 63:4	stop 54:2
31:11 34:24	share 47:7	slurry 27:2 36:9	stabilize 64:5	storage 38:19
66:9,18 70:1	she'll 15:21	49:7 53:3,11	Stacey 21:3,4	64:7,12,23
70:17 71:19	sheds 38:13,20	58:16 61:17,23	staff 71:15	65:7
73:14 74:10	sheen 50:24	61:24	stakes 45:12	store 64:21
seafarer 29:16	sheep 51:6,7	small 5:24 68:14	stand 15:24	streams 19:9
seam 36:19	sheer 46:15 72:6	smooth 33:24	29:10	63:8

Street 2:13	substances 50:7	survive 55:2	27:15 32:24	tonight 13:4,14
stress 30:16	substantial	synchronize	34:5,19 48:14	21:11 49:19
strike 17:3	54:14	7:19,22	54:9 67:23,24	50:8 66:23
strongly 16:22	substantially		68:14,16 69:11	67:1,20 68:16
structure 41:7	11:18 49:15	T	70:4,9,10,12	69:13 70:23
structures 18:8	62:17	Table 46:7	70:13 72:2,2	tonight's 15:2
38:13 52:9	successive 11:2	tables 15:24	73:24 75:7,9	tons 27:5,6,11
struggle 17:23	sue 52:12	take 4:17 54:5	76:12,13	32:2 68:15
studied 30:2	suffer 30:17	67:1,3 68:9	think 5:2 22:19	top 39:11
study 30:3	57:18	72:18	29:24,24 30:24	topic 60:3
stumbled 16:17	sufficient 8:19	taken 4:2 30:18	34:11,18 49:18	topsoil 30:10,10
style 69:22	22:14	40:13 78:6,11	55:3,4 56:6	31:24 32:3,5
subject 10:21	Sugar 46:12	takes 14:19	69:13 76:5	40:2,17
subjected 18:11	suit 50:15	72:21	thinking 65:6	topsoils 63:14
submission 2:20	suitable 64:21	talk 76:19	Third 6:4	total 46:16
65:19	summer 29:11	talked 48:11,19	thirty-two 2:9	totaling 46:4
submit 44:24	sun 65:11	talking 5:15	thought 53:7	totally 52:13
61:10	sunken 61:12	29:3 48:8	67:13	touch 71:20
submittal 2:21	superseded 60:1	67:20	threat 24:24	tour 29:12,13,15
submitted 2:23	supersedes	tasked 61:3	49:3 61:7	30:12
8:13,15 9:22	63:23	technical 8:20	threatened	township 38:9
10:10 49:1	supplied 17:10	68:21	18:14 59:19	toxic 26:10,14
55:18 65:18	supplies 41:6	technologically	three 32:13	27:11,12 50:18
73:7	supply 64:1,3	40:7	41:17 42:4	50:19 57:5
subsequent	support 23:19	technologies	56:21 70:2,3	toxicity 48:20
42:24 43:4	supporting	39:2	tile 42:8	57:6
subsequently	40:10	tell 32:20	time 4:7 5:16	toxics 25:24 26:2
9:1 51:7	supposed 17:15	temperature	7:17 13:6	traffic 37:7
subside 18:18	32:4 70:19	53:21 55:8	20:16,19 21:12	trafficked 37:17
subsided 29:23	supposedly 17:2	temporary	26:18 27:23	trail 70:14
37:7 40:1,15	sure 5:22 30:24	60:15	30:6 37:18	transcribe 6:2
40:23 42:12	33:2 35:2	term 11:4 36:20	46:22 54:10	transcribed 4:4
subsidence	65:18,22 69:23	terms 11:9 23:21	56:4,6 65:12	6:3
16:16,19 17:15	surface 2:16	24:13 48:12	67:3 68:11	transcript 5:22
19:4,9 29:17	6:18 11:10	terrain 39:17,19	69:10,11 74:5	6:5,6 14:11,19
29:21 30:7,16	25:5 29:4,5	Terrible 68:4	74:6,23 75:5	14:24 21:5
30:18 33:6,10	30:14 33:7	thank 4:8 13:15	75:23 76:4,9	transformation
34:21 36:21	36:8,20 39:5	14:2,13 16:2,5	76:16,16 77:5	39:18
37:4,12 38:20	39:14 40:6	19:24 20:1,2	timely 24:1	transporting
39:3,6,8,10,15	42:1,7,9,17,18	21:7,10 23:5	49:20 60:9	64:19 65:1
39:16,21 40:6	43:14 48:16	23:20 28:3	75:10	trap 57:15
40:11,11,19,21	62:18	31:8 35:5 48:3	times 24:5 34:12	travel 38:4
41:2,20,21,24	surfaces 30:9	55:15,16,22,23	39:7	traveled 29:18
42:1,6,17 43:1	surprised 38:5	65:14,15 73:14	Title 6:21	traveling 37:15
43:13,17 44:6	surrounding	77:4,7	titled 50:11	tremendous
47:13,14,17	58:1	Thanks 15:16	today 5:13 7:10	29:3
62:7,12,21	surveillance	thereto 78:13	7:14 10:17	TRI 25:24 26:10
63:20 70:7	38:7	thing 21:21 33:3	70:5 76:24	26:23
subsiding 38:8	surveyed 41:22	33:12,21 34:10	today's 5:22 6:6	tried 53:4 76:13
substance 50:19	survival 53:22	things 24:17	Toni 28:16	trouble 54:18

truck 30:12	60:12	volume 46:16	71:9 75:7,8	69:21
true 71:2 72:3	unsubsidized 40:2	72:6	76:9	written 9:20
truly 68:1	43:6	volunteer 21:19	we've 8:10 32:3	10:10 12:20
truth 55:12,13	updated 12:7		32:5 33:23	15:2 65:22
try 13:11 68:9	upload 6:5	W	67:19 74:6	75:21 76:23
74:6 75:4,14	upwelled 50:23	wait 28:18	wealth 64:17	wrong 66:21
75:17	51:4	want 5:8 10:17	weather 51:1	67:15
trying 52:16	upwelling 50:21	10:18,20 14:4	website 6:6 9:12	wrote 56:13
55:2 75:10	urgency 55:10	14:7 15:20,23	9:13 21:23	
turn 23:5 25:16	55:11,12	20:5,10,17,20	70:8	X
27:16 53:13	use 7:10 26:6	21:10,21 22:3	weeds 31:19	Y
turnover 66:6	52:17 57:14	23:18 25:18	weeks 9:4,19	yeah 13:23 20:5
turtle 44:18	64:6	32:9 35:12	37:19	35:10
59:19,20	uses 40:10	48:14 53:17	welcome 75:13	year 38:2 40:16
twelve 2:10	usually 7:19	63:11 65:16	welfare 26:4	45:7,11 52:3
two 17:11 24:17	10:12 14:23	69:6 71:17	well-being 53:24	69:23,24
26:9 37:16	35:16	73:12 77:4	54:21	year's 17:23
43:2 73:7,24	utilities 64:2	wanted 5:12 7:8	well-documen...	year-old 29:7
74:16	utilized 36:12	66:7,8	19:15	years 29:23
typewriting 4:5	utmost 54:9	wants 58:23	well-subsidized	30:17 32:1,2
78:8		warnings 38:3	64:12	32:13 37:16
U	V	wasn't 33:1 34:3	wells 19:9 63:8	39:9 47:3,10
UN 54:1	valid 11:1 58:19	45:1	went 30:11,12	47:16,18 52:7
unable 40:1	value 18:15 40:9	water 16:12 18:7	32:24	53:4,4,4 54:7
unaffected	51:16	18:22 19:3,11	West 62:3	54:16 71:8
45:22	van 29:18	19:11,12 25:11	width 39:11	72:2 73:16,20
underground	variations 30:13	25:19 26:5,6	wildlife 27:14	York 55:1
17:13 50:5	varied 30:10	27:8 31:20,21	Williamson	
64:23 65:5	variety 25:3	33:7 34:1 38:2	46:11 52:23	Z
underneath 29:4	30:9	39:24 41:6	wind 65:11	0
understand	vegetation 43:23	42:7 43:14	wipe 54:24	1
23:13 25:21	51:10	49:3 50:21,23	wish 23:12	1 13:22 22:20
27:9 46:23	vent 44:14	51:4,10,15	wishful 65:6	23:17 46:4
71:24 72:1	venue 12:18	52:1,17 54:8	witnessed 36:23	48:11 57:5
73:22	versus 50:12	54:24 56:24	39:7 48:2	58:15 60:6
unduly 18:3	viability 18:10	60:23 61:11,20	Wolff 3:4	62:7
uneven 30:9	63:15	62:7,18 63:2,8	wonderful 30:3	1.3 46:3
Unfortunately	view 23:8,24	63:9 65:12	word 61:18	1.5.2 46:7
36:22	violated 54:8	waters 51:18	words 6:3	11th 45:20
uniform 39:9	violation 60:8	watersheds 27:3	work 21:14	12 38:19
uniformly 39:6	violations 24:16	way 3:6,11,16	43:21 44:14	12th 8:24
unit 7:20,21,23	46:7,8,10,13	30:23 33:22	worked 47:9	14 44:11
United 17:9 64:4	46:16 50:1,3	42:15 76:13	74:4,6	14th 9:7
unjust 17:19	53:15 60:11,11	ways 71:22	working 73:3	15 72:2
unknown 14:6,9	60:12 72:6,10	we'll 15:2 20:22	world 53:19	15,764 27:5
14:12 59:21	72:12,19,21	28:17 65:23	Woulfe-Beile	16,157 27:6
unplanned	Virginia 28:10	we're 7:9 10:17	28:11,12	17 19:20
47:14	62:3	32:4 33:16	write 59:15	1700 6:22
Unresolved	voice 6:1	65:21 67:23	75:23	
	voiced 37:1,5	68:22,23,24	writing 11:8	

1773.13 6:24 8:3 22:6	78:17	39:10 43:19		
1773.13(c) 2:15	2030 54:2 55:4	57:22 61:16		
1773.19(d) 10:24	21 45:2	60 47:10		
1774.15 6:24 8:3 23:15	217 3:7,12,17	618 3:24		
1774.15(a) 11:1	21st 65:13	62 2:15 6:21		
1774.15(c) 13:3 48:10	22 46:3	11:23 12:6		
1774.15(c)(1)	225 6:19	22:6 23:15		
11:5	24 14:23	48:9		
18 45:19	26 3:23	62034 3:23		
1800 12:7	27th 8:16	62702 3:6,12,16		
1800.60 11:24	<hr/>	6th 78:17		
185 24:4 37:5 43:21	3			
1850 6:22	3 57:13 59:7			
18th 9:18	60:24 63:5	7 39:10 58:4		
1940s 47:5	3-foot 34:7	7-foot 32:8,9		
1st 50:9	30 9:22 71:8	7,700 62:23		
<hr/>	30-plus 71:8	7,731 46:5 47:19		
2	307-9320 3:24	7,731.8 19:4		
2 13:22 37:10	31 45:17	38:17		
38:18,20 40:4	325 27:11	7,731.8-acre		
41:13 47:21	333 27:11	18:24 60:21		
55:7 57:9	399 2:23 7:3,24	7:12 77:9		
60:17 62:22	9:10 13:19,22	7:30 5:18		
64:11	13:22 35:23	720 6:20		
2.5 58:5	37:11 38:18,22	785-5191 3:17		
20 17:8 64:4	44:12 46:4	785-9037 3:12		
20-mile-per-h...	47:21 48:23,24	<hr/>		
37:22	61:4,12 62:22	8		
2007 36:4	<hr/>	83 29:6		
201 2:12	4			
2018 7:18	4 1:13 2:8 57:17			
2021 19:1 27:5	59:17 61:4			
27:11 44:15,19	63:10			
47:20 50:21	40 47:9			
51:3	400 46:8			
2022 26:23 27:5	424 2:23 7:3,24			
27:10 29:11	9:10 13:19			
41:17 42:4	35:23 61:16			
44:23 45:2,17	4th 53:18			
70:3	<hr/>			
2023 1:13 2:9	5			
8:16,24 9:7,18	5 37:14 57:20			
41:18 42:4	61:10 63:19			
43:11,20 45:19	64:24			
50:9 53:18	5:32 4:7			
54:1 70:3	50 32:2 47:9,15			
	50s 47:5			
	558-6622 3:7			
	<hr/>			
	6			
	6 37:22 38:21			