1	STATE OF IOWA DEPARTMENT OF COMMERCE
2	BEFORE THE IOWA UTILITIES BOARD
3	ORIGINAL
4	: Docket No. SUMMIT CARBON SOLUTIONS, : HLP-2021-001
5	LLC :
6	
7	
8	TRANSCRIPT OF HEARING
9	VOLUME 3
10	PUBLIC TRANSCRIPT
11	
12	Cardiff Event Center at Fort Frenzy
13	3232 First Avenue South Fort Dodge, Iowa 50501
14	Thursday, August 24, 2023
15	
16	Met, pursuant to order, at 8:32 a.m.
17	
18	BEFORE: THE IOWA UTILITIES BOARD
19	ERIK M. HELLAND, Board Chair (Presiding) JOSHUA J. BYRNES, Board Member
20	SARAH MARTZ, Board Member
21	
22	(Pages 604 to 901)
23	
24	MELISSA A. BURNS - CERTIFIED SHORTHAND REPORTER
25	

1	APPEARANCES:
2	For Summit Carbon Solutions, LLC:
3	BRET A. DUBLINSKE, ESQ. BRANT M. LEONARD, ESQ.
4	Fredrikson & Byron, PA 111 East Grand Avenue
5	Suite 301
6	Des Moines, IA 50309
7	For Office of Consumer Advocate:
8	JOHN S. LONG, ESQ. Office of Consumer Advocate
9	1375 East Court Avenue Des Moines, IA 50319
10	For Iowa Farm Bureau Federation:
11	CHRISTINA GRUENHAGEN, ESQ.
12	DAVID S. MEYERS, ESQ. Wickham and Geadelmann, PLLC
13	5400 University Avenue West Des Moines, IA 50266
	For Sierra Club Iowa Chapter:
15	WALLACE L. TAYLOR, ESQ. Law Offices of Wallace L. Taylor
16	4403 First Avenue SE Suite 402
17	Cedar Rapids, IA 52402
18	For Jorde Landowners:
19	CHRISTIAN T. WILLIAMS, ESQ. Domina Law Group, PC, LLO
20	2425 South 144th Street Omaha, NE 68144
21	Charle, III Colli
22	
23	
24	
25	

```
1
     APPEARANCES (Continued):
 2
     For LSCP, LLC; PLCP, LLLP; Green Plains, Inc.; Golden
     Grain Energy, LLC; Corn, LP; Homeland Energy
 3
     Solutions, LLC; Quad County Corn Processors
     Cooperative; Plymouth Energy, LLC; and Siouxland
     Energy Cooperative (the Corn Processors):
 4
 5
           MARK A. SCHULTHEIS, ESQ.
           Schultheis White, PLC
           3116 Ingersoll Avenue
 6
           Des Moines, IA 50312
 7
     For Iowans for a Growing Agricultural Economy:
 8
           ALAN R. OSTERGREN, ESQ.
 9
           Alan R. Ostergren, PC
           500 East Court Avenue
10
           Suite 420
           Des Moines, IA 50309
11
     For Republican Legislative Intervenors for Justice,
12
     Amiee Krogh, and David and Ladonna Hoffmann:
13
           ANNA K. RYON, ESQ.
           Law Office of Anna K. Ryon
14
           3106 Ingersoll Avenue
           Des Moines, IA 50312
15
     For Iowa Utilities Board:
16
           HUNTER FORS, ESO.
17
           Iowa Utilities Board
           1375 East Court Avenue
18
           Des Moines, IA 50319
19
     For Hayek Family Farms:
20
           CHRISTINE HAYEK
           Pro Se
21
22
23
24
25
```

1	INDEX	
2	WITNESS:	PAGE
3	Ronald Beymer	
4	Examination by Board Chair Helland	. 622
5	Cross-Examination by Ms. Ryon	
6	Kathryn Josephine Byars	
7		
8	Examination by Board Chair Helland	. 703 . 716
9	Cross-Examination by Ms. Ryon	
10	Amiee Krogh	
11	Examination by Board Chair Helland	. 736
12	Cross-Examination by Mr. Taylor	. 747
13	Cross-Examination by Ms. Ryon	
14	Mark Oehlerking	
15	Examination by Board Chair Helland	. 774
16	Cross-Examination by Mr. Taylor	. 797
17	Cross-Examination by Mr. Williams Examination by Board Member Byrnes	
18	Examination by Board Member Martz	. 830
19	Tom Konz	
20	Examination by Board Chair Helland	
21	Cross-Examination by Mr. Williams	
22	Cross-Examination by Mr. Dublinske	. 867
23		
24		
25		

IN RE: SUMMIT CARBON SOLUTIONS IUB HEARING 08/24/2023

Page 608

	<u> </u>
1	WITNESS: PAGE
2	Ladonna Hoffmann
3	Examination by Board Chair Helland
4	Cross-Examination by Ms. Ryon
5	EXHIBITS: OFFERED RECEIVED
6	Oehlerking Hearing Exhibit 1 788 789
7	Oehlerking Hearing Exhibit 2 798 800
8	
9	(phonetic) indicates a phonetic spelling. {sic} indicates the text is as stated.
10	Quoted text is as stated by the speaker.
11	
12	
13	
14	
15	
16	
17	
18	
19	
20	
21	
22	
23	
25	
23	

1	PROCEEDINGS
2	BOARD CHAIR HELLAND: All right. Good
3	morning. It is August 23 {sic}, 2023, at 8:32. The
4	IUB will go back on the record for Docket
5	No. HLP-2021-001, Summit Carbon Solutions' application
6	for a proposed hazardous liquid pipeline.
7	We will be calling our first witness this
8	morning. Mike Beymer.
9	MS. RYON: Your Honor, might I interrupt.
10	If it is appropriate, I have a preliminary matter I
11	would like to address before the first witness takes
12	the stand.
13	BOARD CHAIR HELLAND: If you think it's
14	appropriate.
15	MS. RYON: Thank you, Your Honor. I would
16	like to address an issue that came to well, not
17	came to my attention, but that I experienced last
18	night, that I believe is related to the event
19	management staff here. And I think the Board should
20	be aware of how staff that the Board hires and
21	oversees for the performance of this hearing are
22	treating people who are participating in the hearing.
23	Yesterday during the day a member of event
24	management staff approached Jess Mazour and informed
25	her that she was not allowed to sleep in her van in
1	

the parking lot overnight. Ms. Mazour does not have a 1 2 van. 3 When I went out to the parking lot at the 4 end of the day, my van had been towed from the parking 5 lot. My van was lawfully parked in the parking 6 lot designated for public parking for this hearing. 7 There was no reason for it to be towed. The van was 8 9 not, in fact, left here overnight. Which I can attest 10 to because I drove it away after the hearing last 11 night. 12 Furthermore, the parking lot does not 13 appear to have any signs indicating that unauthorized 14 vehicles will be towed or indicating who the towing 15 company is to contact if your vehicle has been towed. Which should be required under Iowa law if I 16 17 understand that correctly. 18 Now, part of the reason this is 19 particularly important is because my van is not merely 20 It is a unique vehicle. It is, in fact, a a van. mobile office that I have purchased for the purpose of 21 22 being able to travel around the state and have 23 confidential client meetings anywhere I have to meet 24 with clients, including venues such as this where 25 there is no meeting room available for me to have

1	confidential meeting rooms with clients.
2	Last night, because my van and my office
3	had been towed, I had to spend hours trying to
4	retrieve my van. I had to spend money on a tow. I
5	had to spend money on a hotel room that I should not
6	have had to spend money on.
7	And, in the meantime, at 8:00 last night I
8	received a phone call from a landowner who was
9	scheduled to testify today who just learned about it
10	yesterday and was seeking legal advice.
11	Because I did not have my van and my mobile
12	office with me, I was unable to contact that landowner
13	last night and provide him the advice he requested.
14	Now, the Board made mention numerous times
15	yesterday about taking into consideration the
16	interests of the landowners and the time and the
17	effort they are making to attend this hearing. And I
18	am concerned that when event management staff does
19	things like towing a vehicle without even bothering to
20	ask if anyone in the hearing room owns that vehicle,
21	the ultimate person who pays the price for that is not
22	me, it's the clients who are calling me.
23	And, unlike all of these other attorneys
24	who are sitting up here in the front two rows who are
25	probably making a nice billable rate on this hearing,

I'm not making a penny. Like the landowners here, I 1 2 am here on my own time, on my own dime. 3 And they call me at night because they know 4 I'm the person who will answer the phone at 8:00 to 5 help them when no one else will. And they know that I'm the person that they can schedule meetings with at 6 7 7:00 in the morning before the hearing starts to have their last questions answered. 8 There is no one on Board staff available to 9 10 do that, there is no other attorney who can do that, and certainly no other attorney who is able to do that 11 12 pro bono for landowners who need assistance. 13 So, when event management staff acts 14 irrationally, it impacts the rights of landowners as 15 it relates to this hearing. It is only thanks to the assistance of some 16 17 local people, who I want to mention in particular, 18 Fort Dodge Mayor The Honorable Matt Bemrich and Mike 19 Rees and his wife who own Mid-Iowa Towing Company, 20 that I was able to get my van back in time for a 7:00 meeting I had scheduled this morning. 21 22 In fact, if it weren't for their 23 assistance, I wouldn't have been able to make the 24 start of this hearing today because their towing 25 office doesn't open for vehicle retrievals until

I apologize. 1 10 a.m. -- or 8 a.m. It is only because 2 one of their employees very generously left her home 3 at 9:30 last night, after putting her children to sleep, to drive me across town and open up their lot 4 5 at 10 p.m. in order for me to have my van to be able to serve my clients here today. 6 So I just would like the IUB to be aware 7 that actions that are being taken by people who are 8 9 running these proceedings are directly impacting the 10 rights of the parties. And, since the IUB is responsible for this hearing, the IUB really needs to 11 12 make sure to oversee any subcontractors so that they 13 are not improperly influencing how these parties are 14 affected by the proceedings. 15 BOARD CHAIR HELLAND: Thank you. I think we're ready to proceed with our 16 17 witness. Mike Beymer. 18 Mr. Beymer, will you raise your right hand, 19 please. 20 RONALD BEYMER, called as a witness, being first duly sworn by Board 21 Chair Helland, was examined and testified as follows: 22 23 BOARD CHAIR HELLAND: Please state and 24 spell your name and provide your address for the 25 record.

1	THE WITNESS: Ronald Beymer
2	BOARD CHAIR HELLAND: Can you speak into
3	the microphone, please. Thank you. Feel free to move
4	it around. Whatever works best for you.
5	THE WITNESS: Ronald Beymer. R-o-n-a-l-d
6	B-e-y-m-e-r. And my home address, 2457 Lark, L-a-r-k,
7	Avenue, A-v-e, Hamlin, Iowa, H-a-m-l-i-n, Iowa 50117.
8	BOARD CHAIR HELLAND: Thank you. And the
9	properties we're talking about are H-SH-023, H-SH-024.
10	Are both of these properties in Shelby
11	County?
12	THE WITNESS: Yes. Shelby County.
13	BOARD CHAIR HELLAND: Is there a different
14	name you use to refer to these properties that's a
15	little easier than 23 and 24?
16	THE WITNESS: No.
17	BOARD CHAIR HELLAND: Okay.
18	THE WITNESS: Well, it's a family farm.
19	BOARD CHAIR HELLAND: Okay. Are they
20	contiguous?
21	THE WITNESS: Yes. It's one unit.
22	BOARD CHAIR HELLAND: Great. Just a quick
23	reminder similar to yesterday, I don't know if you
24	were here or not for yesterday, but, when we're
25	talking about the property and you are describing

1	whatever the feature may be, can you just make sure
2	that you're saying "the waterway begins in the north
3	boundary and runs southeast," whatever it may be.
4	We'll need the words in the record so that
5	later, when we go back and review the record, we can
6	get a better sense of understanding what you're
7	saying. And we'll help you out along the way.
8	THE WITNESS: I don't know what I'm doing.
9	BOARD CHAIR HELLAND: You're going to be
10	just fine. You're going to be just fine.
11	And it's Beymer; correct?
12	THE WITNESS: Beymer, yes.
13	BOARD CHAIR HELLAND: Thank you.
14	Mr. Beymer, can you describe the current
15	use of the property and any plans you may have for a
16	different use in the future.
17	THE WITNESS: At the current time it's a
18	family farm. It's actually owned by six of us. It's
19	been in the family I can't even tell you exactly
20	how long. I'd have to look at the abstract.
21	Pre-1940. Because we have a picture of it from then.
22	My mother grew up there and a lot, you
23	know. It was a big family. So we've had it for a
24	long time.
25	We rent it out. Because we have renters

- 1 that were renting it. Our uncle was the last owner.
- 2 He died. We inherited it. And he was renting it and
- 3 we've kept the same renters. They're good renters.
- 4 There is a farmstead there that's been
- 5 there for a long time. My family -- the original
- 6 family -- or my mom's family, they built the house on
- 7 it. Had the house built. The buildings have all been
- 8 there for a long time.
- I mean, it's just been in the family for a
- 10 long time.
- 11 BOARD CHAIR HELLAND: And the buildings.
- 12 Can you describe where the buildings are? And feel
- 13 free to use the pointer.
- 14 THE WITNESS: That's the house. And then
- 15 there's kind of a garage there that was a shop. A
- 16 machine shed. The picture is hard to tell. We have a
- 17 couple of old vintage barns there.
- 18 BOARD CHAIR HELLAND: And so that farmstead
- 19 is on the east edge of the parcel abutting a gravel
- 20 road?
- 21 THE WITNESS: Yes.
- 22 BOARD CHAIR HELLAND: Thank you. And the
- 23 shaded red component of the property on the western
- 24 edge, where I believe the white line is the proposed
- 25 route, is that tillage?

1	THE WITNESS: What?
2	BOARD CHAIR HELLAND: Is that tillage?
3	THE WITNESS: Yes. Everything is farmed,
4	cropped, except for the farmstead itself.
5	BOARD CHAIR HELLAND: Thank you.
6	THE WITNESS: And it's all the same
7	tenants.
8	BOARD CHAIR HELLAND: Which crops do you
9	grow?
10	THE WITNESS: They had just corn and beans.
11	BOARD CHAIR HELLAND: Are there any other
12	features in the property? Standing water? Streams?
13	Waterways?
14	THE WITNESS: Some terraces. It's tiled.
15	And we don't have a stream or timber.
16	And I guess one of the things, so I don't
17	forget about it, like the tiling, if they tear that
18	up we don't have tile maps because this has been
19	done over so many years. So that's one of the things
20	I'm kind of worried about.
21	I'm the my brother is here too. We're
22	trustees. This is a a testamentary trust is what
23	it's in now. And we're trustees. I'm the closest one
24	that lives there and I'm 35 miles away. So I can't
25	just, you know, run over and spend every day there

1

- keeping an eye on things.
- 2 So, if they tear something up like our tile
- 3 lines, we're out. What are we going to do. You know,
- 4 we can't stand there and guard the work. How are we
- 5 going to do that.
- And I'm semi-retired, but I still do work 6
- 7 some. And my brother has a business. He had to shut
- 8 his business down today. So he's going to drop a
- 9 bunch of money today. He'll pick some of it back up,
- 10 but he probably won't all of it.
- 11 But it's hard for us -- if they damage
- 12 something, how are we going to know it.
- 13 BOARD CHAIR HELLAND: You said you don't
- 14 have any tile maps. Do you have a general idea of
- 15 where the tile is?
- 16 THE WITNESS: No. No.
- 17 BOARD CHAIR HELLAND: Are there any
- 18 other -- is there any other infrastructure buried?
- 19 Tile -- not tile lines. But gas lines? Water lines?
- 20 Telephone lines?
- 21 THE WITNESS: Not that I'm aware of where
- 22 the pipeline runs. There's probably -- in the road
- 23 ditch, there's probably phone or something, but I
- 24 don't know. I mean, we have -- you know, we have a
- 25 well and all that at the farmstead. But, as far as

1	other lines out there, there is nothing that I'm aware
2	of.
3	BOARD CHAIR HELLAND: And the well is
4	located on the farmstead?
5	THE WITNESS: Yes.
6	BOARD CHAIR HELLAND: Are there any
7	third-party easements that you're aware of?
8	THE WITNESS: No, not that I know of.
9	BOARD CHAIR HELLAND: Are there any other
10	features, terrain, interesting terrain situations, or
11	drainage that are not readily apparent?
12	THE WITNESS: Not that I can think of
13	without actually going out there right now. I mean,
14	we have terraces. And some of it's kind of steep back
15	there too.
16	BOARD CHAIR HELLAND: And when you say
17	"steep"
18	THE WITNESS: Highly erodible. HEL.
19	BOARD CHAIR HELLAND: And which way does
20	the water drain? West to east? North to south? A
21	little of both?
22	THE WITNESS: Well, I'd have to say
23	probably to the north and the south. Because it's
24	rolling ground.
25	BOARD CHAIR HELLAND: Right. And, in the

red shaded area, there are some lines that are 1 2 actually rather hard to describe. They appear to be 3 terraces, but they're covered in snow. 4 THE WITNESS: That would be terraces. 5 BOARD CHAIR HELLAND: So those are 6 terraces. 7 THE WITNESS: Yes. BOARD CHAIR HELLAND: Okay. 8 Thank you. 9 The proposed line here, and we can have staff measure 10 it, but do you know about how far away the proposed line is from the homestead? 11 12 Actually, we can just have staff measure 13 it. You don't need to guess. Unless you want to. 14 THE WITNESS: It would be a half mile long. 15 So it's -- looking at that --BOARD CHAIR HELLAND: .37 miles. 16 17 THE WITNESS: Yeah, that's probably about 18 And our homestead is probably the farthest one 19 There are three others that are much closer. there. 20 BOARD CHAIR HELLAND: And you're talking about the farmstead south and east. And then is there 21 one south and west? 22 23 There's that one, that is our THE WITNESS: 24 renters, and they have ground that the pipeline is 25 going through too. And then, to the left of that, the

west, there's another farmstead there. Where you're 1 2 circling. And then if you would zoom over, it's 3 probably in the next section, but there's another one 4 right there on that T. 5 BOARD CHAIR HELLAND: Due west of the south 6 boundary. 7 THE WITNESS: Right there. And that's an occupied farmstead too. That's another one. 8 9 So you've got four farmsteads that are 10 pretty close. So, if anything happens there, it's going to really affect everybody badly. 11 12 BOARD CHAIR HELLAND: Can you describe any 13 specific concerns you may have and any recommendation 14 you may have for Board action to address your 15 concerns. THE WITNESS: Well, as far as that, yeah, 16 17 no pipeline. I mean, I realize, you know, they're not 18 going to just reroute everything, because then they're 19 going to be in the same boat somewhere else. As far as other properties. 20 21 BOARD CHAIR HELLAND: Do you recommend an 22 alternative route for the proposed line, and, if so, 23 can you describe that route and its theoretical 24 advantages or disadvantages? 25 THE WITNESS: No, I really can't, because,

as far as going through our property, there's no good 1 2 And I guess I don't want to say, "Well, yeah, 3 just move it over and run it through the neighbors, " either. I mean, I'm not going to do that either. No 4 5 matter where you put it, it's not good. Part of this pipeline, from what I've 6 7 seen -- there's a small town just north of there 8 called Earling. 9 BOARD CHAIR HELLAND: You said Earling? 10 THE WITNESS: Earling. They're actually running it, the way I understand it, right butting up 11 against the town. There's a baseball field there 12 13 where kids play. You know, to me, they're not really 14 worrying about where they put it for safety or just 15 simply affecting things. 16 BOARD CHAIR HELLAND: Okay. Thank you. Do 17 the parties have questions for Mr. Beymer? 18 Mr. Taylor. 19 CROSS-EXAMINATION 20 BY MR. TAYLOR: Good morning. 21 0. 22 Hi. Α. 23 I'm Wally Taylor. I represent the Sierra 0. 24 Club, and it's my understanding that the red area on 25 what we call the KMZ map is actually two parcels?

- 1 A. Yes. I can't tell you where the line is,
- 2 but it's -- we actually own six total parcels. It's
- 3 kind of broken up that way legally. But they affect
- 4 two of the parcels.
- 5 Q. And, as I understand, the entire two
- 6 parcels are in row crops?
- 7 A. Yes. Yeah, it's all row crop. There is no
- 8 hay. It is grazed in the wintertime. Our tenants
- 9 have some cattle. So they do graze it in the winter,
- 10 too, and graze the stubble.
- 11 Q. Sure. I think I understood, but I want to
- 12 make it clear that the white curved lines that are
- 13 within the red area, those are terraces?
- 14 A. Yes.
- 15 O. And it looks like the pipeline would impact
- 16 at least two of those terraces?
- 17 A. Yeah, that's what it looks like.
- 18 Q. What do you perceive as being that impact?
- 19 A. Well, if you open up those terraces, you're
- 20 not going to get them put back the way they were. In
- 21 a few years, it's going to start moving. And then
- 22 they don't really want us in there fixing stuff. You
- 23 know, ourself -- they don't want people just in there
- 24 digging.
- 25 So, if we hire somebody -- if they say,

- "Well, just hire somebody and we'll pay you back,"
- 2 well, is that going to happen? And I don't imagine if
- 3 we called them and say, "Come fix it," if they'd do
- 4 it. We've got tenants. They have to have it ready.
- 5 Are they going to do repairs in a timely manner? And
- 6 I'll guarantee you those terraces will have to be
- 7 repaired at some point.
- 8 We've spent money on -- I went in once --
- 9 it's been a while ago. Took my own loader over. I
- 10 had to repair some terraces. A few years after that
- 11 we had to have a dozer come in and do some repairs.
- 12 And who is going to get stuck for this bill
- 13 then when they need repairs. Probably, I would guess,
- 14 within five years they're probably going to need to be
- 15 repaired. And that may not fix it. You know, with
- 16 the ground settling, it may need it again. Who is
- 17 going to get stuck for that bill? How are we going to
- 18 get the money out of them?
- 19 You can't talk to anybody. You can't go
- 20 into an office.
- 21 And, if they do this and they sell -- the
- 22 way I read the contract, they can sell their rights
- 23 then. They could sell them to China. How are we
- 24 going to get anything done? You know, our rights will
- 25 be gone.

And is it your understanding, from the 1 0. 2 easement, that if the pipeline goes in, you cannot put 3 anything on top of the easement? That's another thing. Even -- this is an 4 Α. 5 old farm. We had two uncles that farmed it later in life. You know, once everybody was gone. 6 They 7 weren't extravagant. All the fences are shot. 8 we're going to eventually have to replace that. 9 When we start going and putting fences in, 10 what kind of a hassle is that going to be for us? we going to have to wait two years to get permission 11 12 to put fences in because we have to dig holes? You 13 know, even for a fence post? 14 How many years are we going to be putting 15 up with -- well, I won't say what I'm thinking, but 16 how much crap are we going to have to put up with for 17 years because there won't be anybody around to take 18 care of it? 19 You say the field is tiled? 0. 20 Yes. And we don't have -- as far as I'm Α. aware of, we don't have any tile maps. 21 22 So these are really old tiles before they 0. 23 started mapping them? 24 Α. Well -- some of it's newer tiles. 25 they're mapped, we don't have it. As far as I know.

- 1 If we have it, I have no idea where it's at.
- 2 Unless -- I doubt if the NRCS office has them. I
- 3 mean, if they -- like I say, they weren't extravagant.
- 4 So I'm guessing probably the cheapest tiling guy did
- 5 the work. Did he have GPS? I don't know.
- 6 Q. Is that tile a concern that you have if the
- 7 pipeline is constructed?
- 8 A. Absolutely.
- 9 Q. Why is that?
- 10 A. Because if you tear those tiles up and plug
- 11 those tiles, then you start getting wet spots.
- We're getting fairly reasonable rent for
- 13 this ground. You know, you can't expect them to keep
- 14 paying that if it's going to be flooded. Or wet.
- 15 You know, everything now, as everybody
- 16 knows, is big equipment. You can't -- you can't just
- 17 drive around a little wet spot now. You've got to go
- 18 through everything.
- 19 And, believe me, tiling is expensive. I
- 20 have a small farm where I live. I don't do a whole
- 21 lot with it myself anymore, but a few years ago I felt
- 22 sorry for my renter. I did a little bit of tiling.
- 23 And I mean a very little bit. They were there about a
- 24 half a day and I dropped about \$4,000, and this was
- 25 probably close to ten years ago and I think tiling is

- 1 probably double now.
- 2 So, if they tear that up and you can't get
- 3 that fixed and you have to retile everything, you
- 4 could be looking at \$30,000, \$40,000 to fix their
- 5 screw-up. Easily.
- And, like I say, I'm 35 miles away. I
- 7 can't -- I don't know how long they would be in there,
- 8 that that's expected to take. I don't know, are
- 9 they -- like to do ours, are they talking a week,
- 10 weeks, months? We can't have somebody there
- 11 babysitting them all day long to make sure something
- 12 doesn't get damaged.
- 13 O. So who lives on that farmstead just to the
- 14 east?
- 15 A. The east one, that is ours. We don't have
- 16 anybody living there.
- 17 Q. That's not where you live.
- 18 A. No. No, I'm 35 miles away. But we may
- 19 have somebody -- you know, it's possible we're going
- 20 to have a family member live there or something. So,
- 21 you know, you've got -- like I said, you've got four
- 22 real close there.
- 23 One of my concerns, too, on this pipeline
- 24 is -- some of ours is highly erodible land. If it
- 25 goes through a waterway, and I can't tell you off the

- 1 top of my head if it does there, because, for one
- 2 thing, I haven't -- you know, it's not marked out or
- 3 anything yet.
- Waterways, if you get -- now we've been in
- 5 a drought. Well, if you hit a few years in a row
- 6 where you get some downpours, all of a sudden in a
- 7 waterway you could lose two feet of dirt.
- 8 And what they told me when they -- one of
- 9 the people, and I've had so many different stories
- 10 from people I've talked to, that the pipeline was only
- 11 going to be, the way I took it, just a very few feet
- 12 down. The top of it.
- 13 If you run it through a waterway and you
- 14 lose two or three feet of soil over a few years or
- 15 five to ten years, you're not even going to know that.
- 16 And if the renter is running a tillage tool through
- 17 there, you're going to hook it. Or you've got a good
- 18 chance of it.
- 19 O. So are there waterways on the property?
- 20 A. There are some. And I can't honestly tell
- 21 you exactly what. You know, it's rented out. We
- 22 don't -- and it's cropped. So we're not out there
- 23 running around and looking at this and that.
- 24 Honestly, we almost kind of grew up on it
- 25 so it's not like we need to view it constantly. We

- 1 don't go driving around on it a lot.
- Q. But, if there were waterways, you'd be
- 3 concerned about the impact of the pipeline on those?
- A. Absolutely. And, you know, it's not smooth
- 5 ground. There's hills. So any place the water
- 6 runs -- and I guess when you say "waterway," my
- 7 thinking is a grass strip. But you're just thinking
- 8 where the water runs. So, yeah, there are waterways
- 9 then where the water runs.
- 10 Q. That's what I call a classical gully, I
- 11 think, is the technical term.
- 12 A. Yeah. Exactly, yeah. Since I do farm a
- 13 little, when I think "waterway," it's grassy waterway
- 14 through the field. A different view.
- 15 Q. Do you have any ephemeral gullies?
- 16 A. Any what?
- 17 Q. Ephemeral gullies. Those are low areas
- 18 that have water maybe in the spring when it rains --
- 19 A. That hold water? No, we don't have
- 20 anything like that. It's all croppable. And it's a
- 21 good farm. And this isn't with that, but they
- 22 recently sold a farm -- the west farmstead, they sold
- 23 that. On the south side. They sold the ground there.
- 24 And it's the same ground. And it brought pretty good
- 25 money. And for what Summit Carbon has offered us, the

last offer I don't even think they're close to that. 1 2 And, you know, we don't plan to sell ours, 3 but stuff happens. How much value are we going to 4 lose on our ground because this is in there? Because 5 I don't think very few -- nobody is going to pay top dollar anymore to buy a property with this through it. 6 How much money are we going to lose if -- like I say, 7 8 we don't plan on it, but we have kids, grandkids. 9 Eventually it will go to them. If they sell it, how 10 much money is this going to cost them if they sell it. 11 Another one of my concerns -- and this is 12 off your subject, but I don't want to forget anything. 13 What about our property taxes? If this lowers our 14 value, is the state going to make all the counties 15 lower our property taxes. Because it's going to do 16 that. 17 I'm sorry, I got off your topic. 18 Q. That's okay. 19 If I get something in my head sometimes, I Α. 20 don't want to forget it. So you believe that the pipeline being on 21 0. 22 the property would lower the value of the property? 23 Absolutely. It's going to make a big Α. 24 difference. If the pipeline is constructed, do you 25 Q.

25

any of that?

think that that impacts the fertility of the soil and 1 2 the crop yield? 3 It's going to. Which -- like I say, we Α. 4 have tenants, so that would kind of be their problem 5 in a way. But it's going to cut it, and it might be for quite a few years, because I don't think there's 6 7 any way they're going to keep all that soil separate 8 like they say they're going to. It's going to be 9 compacted a lot from all the equipment. 10 And how is anybody going to prove what you 11 You know, like there, you're looking at a thin 12 strip on the edge. Okay. Are they going to say, 13 "Well, you're going to have to combine that in 14 ten-foot rows to prove you lost on your production"? 15 How is that going to work? Because they claim they're going to give 16 17 the farmer, you know, so much a year. And, if it 18 continues for, say, another year or two, they're going 19 to make it up. How are you going to prove it? Can 20 you expect a farmer -- there's -- you've got like a half a mile long pipeline there. Are you going to 21 22 expect him to combine all those rows separately? And 23 what if it's all ten-foot rows? Just say it was ten 24 foot from that fence. How is anybody going to prove

- 1 Q. And, if it's your burden to prove it, you
- 2 think you'd have trouble doing that.
- 3 A. Yeah. Extremely. You know, they're
- 4 supposed -- yeah, they're promising all this. You
- 5 know, like I say, the crop isn't our deal, but I still
- 6 like to look out for my tenants.
- 7 Q. And is it your understanding that Summit
- 8 would only have to pay crop damages for three years?
- 9 A. Three years was what was in their
- 10 paperwork. I believe it said that if there was
- 11 continued, they would do it or do something, but how
- 12 would you prove it?
- There's just too many vague things in a lot
- 14 of this to me. You know, all the burden of proof and
- 15 everything would be on us. Or we'd have to be hiring
- 16 lawyers to prove anything. Say it's a \$10,000 claim
- 17 and you spend \$30,000 fighting it. How do you do
- 18 that? Where does that pay?
- 19 I'm just afraid we're all going to come out
- 20 on the short end of the stick.
- 21 Q. Is there anything about the particular soil
- 22 type that you have there that causes you concern about
- 23 the impact of the pipeline?
- 24 A. That I can't answer. I can't tell you what
- 25 soil type there is there at all. I'm no expert on

- 1 that anyway.
- 2 O. Some of the witnesses have talked about
- 3 that. That's why I asked.
- 4 A. Some people are. There's a neighbor down
- 5 the road, he could tell you probably what every
- 6 particle of soil is on his, but I can't.
- 7 Q. You mentioned a well, I think. Where is
- 8 that?
- 9 A. That's on the farmstead itself. I could
- 10 probably show you pretty close. The actual well would
- 11 be about in that area probably. About right in there,
- 12 I believe. Give or take a little.
- 13 Q. Okay.
- A. And that's not what you'd call a new well,
- 15 but it's not one that's been there from when the
- 16 farmstead was, you know, started. I mean, it's a good
- 17 well. I'm 67. I remember it being put in.
- 18 O. But it's a working well.
- 19 A. It's a good working well. It's tiled.
- 20 Yes, there's plenty of water. If they messed up the
- 21 water table somehow, that would not be good.
- 22 Q. Are you concerned about the impact of a
- 23 leak or a rupture from the pipeline?
- 24 A. Absolutely.
- 25 Q. How so?

25

Q.

Well, I'm pretty worried about it. 1 Α. You 2 could have -- I'm no expert on this, of course, but, 3 if you had a small leak, that could go, I imagine, for a long time. And bleed for a long ways and possibly 4 5 do a lot of soil damage. And of course if it ruptured like that one 6 7 that happened -- was it Mississippi, I believe, or 8 somewhere, you could have a lot of damage and how are 9 you ever going to put everything back. You never 10 could. You could never make it right. 11 And, if it does rupture, from what I've 12 seen, you don't want to be anywheres close because 13 you're dead. And, from what they told me, if it's 14 only a few feet down, which shocked me, it wouldn't 15 take much accidental soil removal and you could run 16 something into that pipeline. 17 And, if you're looking at some of this huge 18 farm equipment pulling a tillage tool into that, 19 that's a lot of pressure. And I don't know how thick 20 their actual pipe is. I don't believe they ever owned 21 up to that. If it's a quarter-inch thick pipe, a 22 half-inch, one-inch, I don't know. 23 You mean the thickness of the pipe. 0. 24 The pipe wall. Α.

Do you know how big of diameter pipe they

1 plan to put in your property? 2 That was one of the things on my list. Α. went to the meeting in Shelby County in '22. And that 3 4 was -- I don't know if it was the first -- it was one 5 of the earlier meetings. And, at that time, they told us it would be a 6-inch line. They said, at the most, 6 it would be an 8-inch line. That would be the biggest 7 pipeline they would put in. That was their promise 8 9 One of their promises. that day. 10 And, when we got an offer on paper through the mail and their contract, all of a sudden it had 11 12 jumped to 12 inches is what they were putting in. 13 What is the plan now? I watched a little 14 bit of this yesterday, and, if I heard it right -- and 15 I was listening on a little phone with poor volume. Ι don't have good internet. I thought something was 16 17 said about a 24-inch pipeline now. Did I hear that 18 I don't know. I may have heard it wrong. 19 Something about -- or possibly they could go up to 24. 20 Is that true? 21 0. They can go up to 24, yeah. 22 But, like I say, they promised us at that Α. 23 meeting that it would not be over 8 inches, and they 24 immediately -- and, when you go from 6 to 12, you're 25 not doubling it when you're talking volume in a tube.

You're multiplying it. So if you go up to 24, you're 1 2 really -- if that's what I -- if they would do that, 3 and if they're allowed to, and I imagine they'll do 4 You're looking at really a big -- if something that. 5 happens, a really bad accident. Will you expect any economic damages that 6 Q. you would incur if the pipeline is put in? 7 8 Α. Well, one of the things -- like fencing. 9 How much more is that going to cost us? Just being 10 If we have somebody -- if we had to have delayed. 11 somebody come in and do some rework. Well, it could be at our expense. Because, like I say, I don't think 12 13 they're going to stand behind their promises. 14 If we hire a dozer to come in, is he going 15 to charge us double for his extra risk and time? Because he's got to be really careful with his dozer. 16 17 It might take him twice as long to do the work. 18 And, like I say, they may say, "Well, 19 you've got a hazardous pipeline here. We're going to have to have a lot more people here, we're going to 20 charge you three times as much." So we've got that. 21 22 And economically, too, like I said, if we 23 sell it, how much money are we going to lose? 24 ground across the road catty-corner that sold this 25 summer, they had two sections, roughly the same total

- 1 acreage as ours, it brought 15,000 and 15,500. And I
- 2 really thought it was going to push 20,000.
- But I honestly suspect that that price took
- 4 a little hit because it's across the road -- it's
- 5 still right by the pipeline. And I kind of think that
- 6 those people took a hit because of that just because
- 7 of the threatened pipeline.
- 8 Because this section through here is
- 9 extremely good farmland. And the way prices have been
- 10 going, they should have either hit 20,000 or just
- 11 bumped it.
- 12 Q. Did you say you had talked to some Summit
- 13 representatives about a proposed easement?
- 14 A. Of what?
- 15 Q. Did you say you had talked to some Summit
- 16 representatives about a proposed easement?
- 17 A. Well, they have talked to me. I had one
- 18 person call me from Texas early. That's in my notes
- 19 here. That's a sore spot. He threatened. That was
- 20 when they wanted to survey. And I said no. I said,
- 21 "I don't want them on the property."
- 22 He threatened me. Immediately he said,
- 23 "I'm going to send you" -- something he called a
- 24 ten-day letter. He said, "We're going to send that
- 25 out and we can do whatever we want." And that's

exactly how he threatened me. Right off the bat he 1 2 said, "We're just going to send you this letter and 3 we'll just do whatever we want." 4 We did get that letter eventually. I don't 5 believe they surveyed. To my knowledge. The renters never said anything and I've never noticed any flags. 6 7 This same man also said -- he was telling me about all this money we'd get. Crop damage was 8 9 part of it. 10 And I explained to him, "Well, we have I said, "That's not our money. 11 tenants." 12 "Yeah, but you don't have to give it to 13 them. You can keep it." 14 If they're going to tell us to screw over 15 our tenants, what are they going to do to me? And I believe, I'm not going to swear to 16 17 it, but I believe I had -- yes, I had two people tell 18 Because I mentioned that to another one. me that. 19 I've had people call, I've had people stop. So I 20 can't tell you exactly which one said it. I had another one tell me that we didn't really have to give 21 22 our tenants their crop damage money. How honest is 23 that right up front? Doing that. 24 And that's just kind of -- I guess for a 25 deal like this, that would be a minor thing. Ιf

- 1 you're going to tell people to cheat somebody on that,
- 2 what are you going to do? That's one thing that's
- 3 really bothering me. They're telling us to cheat our
- 4 tenants. So are they going to do the same thing to
- 5 us?
- 6 Q. Were there other things that some
- 7 representatives told you?
- 8 A. Well, one of them was at the meeting that I
- 9 went to. That early meeting. After they said how
- 10 good it was and that they would give us offers, that
- 11 person immediately threatened if we didn't sign, they
- 12 were just going to eminent domain us and take it
- 13 anyway. I mean, at the first meeting, they threatened
- 14 and said, "If you don't sign, we're just going to take
- 15 it with eminent domain."
- I mean, I don't -- I don't like being
- 17 threatened like that. You know, just -- it just
- 18 didn't set well.
- 19 O. Did you ever talk terms with Summit
- 20 representatives at all?
- 21 A. On what?
- Q. Did you ever talk terms --
- A. No. No -- well, yes and no. The last
- 24 representative that came to my house -- and that was
- 25 earlier this summer. She was there twice. She was --

- 1 we'd had two offers. Of course the second one was
- 2 higher. I don't remember how much higher, but it was
- 3 higher. She was punching numbers up on her phone for
- 4 me, and it just seemed like it was awfully high.
- 5 But I didn't have my paperwork out there,
- 6 we were just out in the yard, and she just clicked it
- 7 up acting like it was really high, but then nothing
- 8 ever came on paper. That was the only possible terms,
- 9 I guess, that I talked about. But there was never
- 10 anything written.
- 11 And my understanding is that those people
- 12 aren't with Summit now either anymore.
- O. Do you know why that offer wasn't followed
- 14 up with something in writing?
- 15 A. Yeah, that's what -- that's bothering me
- 16 too. Because -- I didn't have my paperwork out there.
- 17 It just seemed off -- what she was punching up was
- 18 awfully high. And she -- just as quick as she could
- 19 go and it was done.
- 20 And I thought, "Okay, that's what it is, I
- 21 should be getting something in the mail." And this
- 22 has been at least two months ago, I would say. And
- 23 nothing ever came of it. So she was making verbal
- 24 offers, but no follow-up, nothing on paper.
- 25 Q. So why have you not signed an easement?

1	A. Well, we don't want it. We don't want the
2	damages. We don't want the future problems. The
3	future problems is what's really bothered us.
4	Because, according to the way the paperwork reads, if
5	they decide to sell that easement, we have no say on
6	it. I don't particularly want our property rights
7	sold to somebody in China that can do whatever they
8	want.
9	And, you know, a lot of the information in
10	there is kind of vague. You know, it says what they
11	want to do now, but what are they going to do later?
12	Are they going to put something else on our property
13	then because they have an easement? Are they going to
14	come in and put a bunch of buildings there to service
15	their stuff because they have our easement?
16	Q. Is the easement kind of one-sided in favor
17	of Summit would you say?
18	A. Just a little bit. Pretty much.
19	MR. TAYLOR: Thank you. That's all the
20	questions I have.
21	BOARD CHAIR HELLAND: Ms. Gruenhagen. Farm
22	Bureau.
23	
24	
25	

1	CROSS-EXAMINATION
2	BY MS. GRUENHAGEN:
3	Q. Good morning. My name is Chris Gruenhagen,
4	and I'm representing the Iowa Farm Bureau in these
5	proceedings. And I have some follow-up questions to
6	what Mr. Taylor asked you. I know he got into a few
7	areas, but I just had some follow-up with that.
8	You mentioned that you rent out these
9	farms?
10	A. Yes.
11	Q. Did you tell Summit who your farm tenants
12	were?
13	A. Yes, I did. They didn't seem to be too
14	interested. They didn't really care.
15	Q. Did you tell
16	BOARD CHAIR HELLAND: Mr. Beymer, can you
17	make sure you're speaking into the mic.
18	THE WITNESS: Sorry.
19	BOARD CHAIR HELLAND: That's okay.
20	Position it wherever it works for you.
21	A. Yes, I told them. I told them more than
22	once. That was one of the sore subjects, too, which
23	I'm glad you mentioned that. Because I had a couple
24	of them say, "Well, you can just keep the money," and
25	I told them, "I don't really want to see us getting

- 1 paid for that and then having to give it to the
- 2 tenants."
- Which technically shouldn't be a problem,
- 4 but we're in the middle of something with the IRS on
- 5 some improperly filed taxes from a lawyer, and I don't
- 6 want to get into more of that. Because you cannot get
- 7 the IRS to do anything. So I'm trying to avoid
- 8 problems like that.
- 9 Yeah, they did not -- they were not
- 10 concerned about who, what, where our tenants were,
- 11 they could care less.
- 12 BY MS. GRUENHAGEN:
- 13 Q. So did you tell the land agent -- or who
- 14 did you tell with Summit?
- 15 A. I believe I told everybody that I talked
- 16 to. I had the two women that came to my property.
- 17 Where I live. And then I talked to a man in Texas.
- 18 He was the one who originally told me that we could
- 19 just steal the money. And then I believe I had
- 20 somebody else call me on the phone that might have
- 21 been stationed in Des Moines. I mean, I've had
- 22 multiple people contact me.
- 23 O. So do you believe that if there's crop
- 24 damages, the compensation for that crop loss ought to
- 25 go to the tenant?

Well, absolutely. Because they're paying 1 Α. 2 us for the right to farm it and -- you know, you can't 3 really -- how are you going to split that little, what 4 is it, 100-, 200-foot or whatever, strip off for a 5 while so that they don't farm it, and then you take it -- you know, you can't just do that because it's 6 7 not practical. So they're going to have to keep 8 farming it. So they deserve that. 9 And I don't feel like if they keep having 10 problems with production, say, past the three years, 11 okay, are we going to be expected to cut our rental 12 rates for that bit because production stays down for 13 another five years? 14 So would you want Summit to pay the crop 15 damages to your tenant if there were crop yield reductions past that three years? 16 17 Α. Well, absolutely. And I think it's going 18 Because you're just not going to do that to happen. 19 much -- you know, yeah, they say, "Well, it's just a 20 little strip." Well, all that heavy equipment, you're moving all that dirt, you're supposedly pushing the 21 topsoil away off to the side, you're going to have a 22 23 lot of trips over there with big bulldozers. You're 24 going to pack the hell out of that ground. And I 25 don't care what you do, it's going to take a lot to

1	bring it back.
2	You're also going to have settling problems
3	in that trench for years. And that will absolutely
4	happen. Especially with that big a trench. It's not
5	going to settle down in two, three years. You're
6	probably going to have settling for, I imagine, five
7	to ten years. Who is going to take care of that?
8	And what if they drop a tractor wheel in
9	there? They flip a tractor over and somebody gets
10	hurt. It's our property. Who is going to take it in
11	the shorts for that? Who is going to repair their
12	equipment?
13	You know, like those big high-wheel
14	sprayers. They've got a pretty high balance. I'm
15	sure everybody knows what they are. The wheels aren't
16	overly wide. If you're spraying that and you're
17	running north to south, that sprayer, if those wheels
18	drop in that trench and it falls out from under them,
19	what's going to happen?
20	You're going to have a sprayer tipped over.
21	You're going to have a bunch of chemical dumped on
22	your ground. Then you're going to have the DNR and
23	the EPA in there after your butt. And I don't think
24	Summit's going to come deal with that for us.
25	You've just got so many potential accidents

- 1 or problems waiting to happen. I'm not saying it's
- 2 all going to happen, but it can.
- 3 MS. GRUENHAGEN: Could the IUB staff pull
- 4 up Exhibit N to the permit. To the pipeline permit.
- 5 Would that be possible? And if we can zoom in to that
- 6 so we can see the colors.
- 7 BY MS. GRUENHAGEN:
- 8 O. This is an exhibit that Summit Carbon
- 9 Solutions filed with their permit application. And,
- 10 if you see the key on the right side there, it says
- 11 "Pipe Size." Do you see that by color?
- 12 A. Okay. Yes.
- 13 Q. And then, for Shelby County, do you see
- 14 what color that line --
- 15 A. And right now it's showing 8-inch there?
- 16 O. Yes.
- 17 A. But, once you sign, then they're going to
- 18 have the option to change that.
- 19 O. So would you like the Board in their order
- 20 to limit them to an 8-inch pipe on your property?
- 21 A. Well, I think they need to -- whatever it
- 22 is, they need to define it so that -- if it does go
- 23 through, so that they can't sign you into a contract
- 24 and then just change it later. Yes, I think they
- 25 should specify absolutely what the maximum is or get

- 1 a -- however you want to put it, yeah. If they say 8,
- 2 that they can't change it.
- 3 MS. GRUENHAGEN: You can switch back to the
- 4 KMZ file.
- 5 A. Now, these contracts -- we're normal
- 6 people. There's some, you know, of course a lot
- 7 smarter than I am and into this stuff more, but we're
- 8 just normal people. We don't understand all these
- 9 legally written contracts. You know, you've got very
- 10 expensive lawyers writing these contracts. They're
- 11 not doing it for our benefit. And we don't have much
- 12 recourse to even understand them.
- 13 Like I say, our total is 200 acres. We're
- 14 renting this out. We're not making a ton of money
- 15 every year by the time we pay taxes and expenses. We
- 16 can't afford to go hire a lawyer to walk us through
- 17 all this to protect our rights.
- 18 So we're kind of stuck with you guys. And,
- 19 if you don't back us up or protect us, what are we
- 20 supposed to do?
- 21 Some farms, you know, are huge. They can
- 22 afford to hire the people to protect them. We can't.
- 23 We can't do that.
- 24 BY MS. GRUENHAGEN:
- 25 Q. So, Mr. Beymer, have you looked at the

21

22

23

about.

Exhibit H that's been filed for your properties? 1 2 I don't know what Exhibit H is. Α. The document that -- I don't know, maybe we 3 Q. 4 can pull that up too. It's the piece of paper that 5 was filed regarding your property. 6 Have you seen that? I'm sure I have, but the "H" doesn't mean 7 Α. anything to me. 8 9 All right. Have you seen the eminent 10 domain request for your property? 11 Α. Okay. Does that look familiar at all? Have you 12 Q. 13 seen that? 14 I probably have. But, like I say, I'm not Α. 15 into the legal stuff so much, so I probably just kind of blew through it. 16 17 You're doing just fine. Q. 18 Okay. Now, where you say the easement Α. 19 things, there would be water lines, because there is 20 rural water going through. When you asked about

We don't use it. We used to have it hooked

easements earlier. We do have rural water going

through there. That was one thing I'd forgotten

25 up, and, for our use, it just wasn't worth it. So we

- 1 do have rural water going through there. I forgot
- 2 about that.
- Q. When we get back to the KMZ, help me
- 4 remember to show where you think that is. Okay? On
- 5 the property. When we go back to that.
- 6 MS. GRUENHAGEN: Can you scroll to the next
- 7 page.
- 8 A. It did say in their thing there "no known
- 9 tenants on the property." I have told them multiple
- 10 times we have tenants. Which they totally decided to
- 11 ignore, I guess.
- 12 BY MS. GRUENHAGEN:
- 13 Q. That's why I was asking about that.
- 14 MS. GRUENHAGEN: I think it starts on
- 15 page 3 is what I'm looking for.
- 16 BY MS. GRUENHAGEN:
- 17 Q. So, as a part of that, Summit is proposing
- 18 some easement language as a part -- if the permit is
- 19 approved and if you would go to eminent domain,
- 20 they're proposing some easement language.
- 21 Have you seen that?
- 22 A. I probably have. I got served a whole
- 23 bunch of papers a few weeks ago that they were filing
- 24 eminent domain. Which kind of floored me. Because I
- 25 thought they couldn't go eminent domain unless the

- 1 Utilities Board approved it, and I got papers saying
- 2 they have filed eminent domain on us.
- 3 Q. The Utilities Board does need to approve
- 4 the permit application before they could do that. I
- 5 know that's a legal conclusion. But just to clarify
- 6 that. Because I think the code is pretty clear about
- 7 that.
- 8 A. Yeah, I had a whole pile of these that said
- 9 they had declared eminent domain on us, and my
- 10 understanding was they couldn't do that unless they
- 11 had a permit.
- 12 So why are they sending out eminent domain
- 13 papers saying they filed on us if it hasn't been
- 14 approved.
- 15 O. So, if the permit application gets
- 16 approved, would you like the opportunity to still
- 17 negotiate an easement with them --
- 18 A. Yeah.
- 19 O. -- before going to eminent domain?
- 20 A. Yes. But, so far, nobody has been real,
- 21 Summit, up front on even talking. It's kind of like,
- 22 "This is what we're giving you, take it or leave it,
- 23 or we're just going to take it."
- 24 Q. And I'm going to ask you some questions
- 25 about things that you might want in the easement. So

25

IUB HE	ARING 08/24/2023 Page 65 ⁻
1	I'll just ask you a few questions. We covered a
2	couple of those things already, but we'll talk about a
3	few more if that's okay with you?
4	A. Yeah.
5	Q. If Summit has to go in there and repair
6	part of the pipeline this is assuming if the permit
7	application is approved and
8	A. Yeah, that it goes through.
9	Q. If they have to go in and repair the
10	pipeline, would you want them to follow some ag land
11	restoration standards when they do that? Separating
12	the topsoil, repairing tile lines, those kind of
13	things.
14	A. You've got to. Otherwise you bring up a
15	bunch of clay and your crop ground is ruined.
16	Q. Would you want that easement to specify
17	where that easement is at on the property? Like the
18	location of the pipeline on the property?
19	A. You mean exactly?
20	Q. Exactly.
21	A. Yes.
22	Q. Where it's supposed to be.
23	A. So they can't just move it.
24	Q. Correct.
1	

Yeah.

A.

And, if they wanted to move it to another 1 0. 2 part of the property, would you want them to ask for a 3 separate easement? 4 Α. Yes. 5 0. Would you want to be able to access that easement area when it's not in active construction? 6 7 Α. Yes. Because I believe there's a two-year period 8 0. 9 that that construction easement lasts. And so would 10 you like to be able to go ahead and use that easement 11 if they're not constructing? 12 Α. Yeah. 13 Would you want the easement language to 0. 14 specify how they can access the property? Or where 15 they could access the easement? 16 Α. Absolutely. Because if they access it --17 say like right now and -- where it's running through 18 there, there isn't a gate. I'm pretty sure there 19 isn't a gate. The gate would be farther east. 20 Are they going to run over -- if they're 21 going to want to drive in and look at it, are they 22 going to drive in over a quarter mile of our renter's 23 crops so they could go in and look at something? 24 you can't control their access? Otherwise they could 25 go to the closest gate and do a lot of possible

- 1 damage.
- 2 Q. Would you want Summit to put a gate there
- 3 so that they wouldn't have to go across other parts of
- 4 the property?
- 5 A. Well, they should, yes.
- 6 Q. And, if they had to change the grade of the
- 7 land when they're constructing it, would you want them
- 8 to talk to you and consult with you about changing the
- 9 grade of the land?
- 10 A. Yes, and really they would -- they
- 11 shouldn't just talk to us, they need to talk to the
- 12 county NRCS. Because all this stuff is in farm
- 13 programs. And, if you go start just changing a bunch
- 14 of grading, you might kind of mess up your farm
- 15 program payments. Because you have to meet their
- 16 specifications. You know, you can't just go start --
- 17 you don't want to go make a bunch of changes like
- 18 that.
- 19 Our tenants get -- we don't get any money
- 20 from it, but our tenants, of course, get government
- 21 subsidies, whatever. There's a lot of government
- 22 money that goes to the person farming it.
- 23 If Summit Carbon went in there and made it
- 24 more erodible, or something like that, they could lose
- 25 some of their subsidies. So they actually need to be

- 1 working with all the county NRCSs, which I'm sure
- 2 they're not planning on doing.
- 3 But when you start changing grade on
- 4 ground, you can mess some stuff -- you can mess some
- 5 things up.
- 6 Q. So can we talk about the farm program
- 7 participation a little bit? Do you mind talking about
- 8 that?
- 9 A. Yeah.
- 10 Q. So are you enrolled in the federal farm
- 11 programs or is it your tenants?
- 12 A. The farm is enrolled and the tenants are
- 13 responsible for it. Because they get the benefits.
- 14 They do all the signing. I mean, they're totally
- 15 responsible for their part in it. Neither my brother
- 16 or I -- originally I had to go and sign once in a
- 17 while. I don't even have to do that now. They
- 18 totally take care of it. So they would actually have
- 19 to be working through our tenants on that.
- Q. Do you know what farm programs they're
- 21 enrolled in?
- 22 A. I can't tell you. I don't -- even my farm
- 23 isn't. I can't -- I'm not up on the farm programs,
- 24 because what I do doesn't really amount to anything.
- 25 Q. The folks in the NRCS office tend to help

- 1 out with that, don't they. Or FSA office.
- 2 A. Yes, they're good at that, but you've got
- 3 to go to them. And I doubt if Summit Carbon is going
- 4 to want to go to the county NRCSs and say, "Well,
- 5 should we do this or this." They're just going to do
- 6 it, and then it's going to be, "Well, too bad."
- 7 You've messed up your ground. You've messed up the
- 8 NRCS program. "Deal with it."
- 9 O. So I assume your farm tenants have crop
- 10 insurance on the property?
- 11 A. I'm sure they probably do, but I can't say
- 12 for sure. That's a personal choice. You know, it's
- 13 your crop. If you feel -- you know, it's a risk
- 14 management thing. Some of the farm programs you have
- 15 to have crop insurance to be in. And some you don't.
- 16 For my little bit where I live, I don't have any crop
- 17 insurance on anything.
- 18 Q. So you mentioned earlier this is kind of
- 19 rolling hills in here?
- 20 A. Uh-huh.
- 21 Q. And so is it highly erodible land as FSA
- 22 determines it?
- 23 A. It should be considered that. I honestly
- 24 haven't looked at any of the soil maps for a long
- 25 time, because, like I say, it's not -- the tenants

- 1 take care of it. But I know some of it is pretty darn
- 2 steep.
- When I was young, I literally almost
- 4 flipped a tractor over backwards on myself. Some of
- 5 it was pretty steep. And if you mess with that -- I
- 6 about killed two of us.
- 7 Q. Well, I'm glad you didn't.
- 8 A. Yeah. It's steep. Some of it. And some
- 9 of it isn't. But it still -- if it's rolling, there's
- 10 very little to me that they don't consider highly
- 11 erodible, and I'm saying that not so much from -- just
- 12 from my own property that I own where I live, it's not
- 13 that steep. But, on the map, it's HEL. It's highly
- 14 erodible. It doesn't take much.
- 15 O. So is highly erodible land required to be
- 16 in conservation compliance?
- 17 A. If you want to get your farm program money,
- 18 yes. You know, like no till, strip-till, minimum
- 19 tillage. You know, whatever. They don't want you out
- 20 there plowing, of course, and stuff. You have to sign
- 21 a contract on what you're going to do. And, if you
- 22 start breaking those rules, you can lose your
- 23 contract.
- 24 And we know there's a lot of farm money
- 25 available, and, if you lose it, that could be your

- 1 profit for the year. If this company goes in and
- 2 messes up somebody's tillage and the government says,
- 3 "Sorry, you broke your contract," you're going to lose
- 4 a half a million dollars this year, next year.
- 5 Q. And is a part of that conservation
- 6 compliance those terraces?
- 7 A. That's part of it, yes. It's terraces.
- 8 It's grass waterways. You know, it's kind of
- 9 farm-specific because everybody is not the same.
- 10 And I'm just saying this from my
- 11 observation. I don't even think every county follows
- 12 the same rules. Because the county I live in, you see
- 13 a lot of grass waterways, everybody's pretty fussy.
- 14 Some of it you get up in here in this --
- 15 from Shelby County, like up in Crawford County, I
- 16 travel through there once in a while, and I can't
- 17 believe they're even farming it. But they may not
- 18 have to meet some of those rules.
- 19 But that's just my observation. I don't
- 20 think every county is the same. You just don't want
- 21 to go break -- you don't want to break the contract.
- 22 Q. So does that proposed pipeline route cross
- 23 the terraces?
- 24 A. Well, it looks like it's going to catch a
- 25 couple of them. The one, it looks like it's going to

- 1 catch the end. And the one, definitely.
- And so would you need Summit to put those
- 3 back in the same condition or better in order for that
- 4 farm to maintain conservation compliance?
- 5 A. Yes, you don't want to lose your terraces.
- 6 And it's not just compliance, you're taking care of
- 7 your farm. You're not letting it wash away. You
- 8 know, you don't want that dirt washing into the
- 9 ditches or the streams. Or your chemicals. And
- 10 that's what affects that.
- 11 So, if they mess the terraces up and don't
- 12 put them back -- and, you know, there's maybe some
- 13 farms that are kind of low end. If they tear the
- 14 terraces up and they don't put them back and they fall
- 15 apart later, can the landowners afford to fix them and
- 16 put them right.
- 17 Q. Do your terraces have tile stand pipes in
- 18 them? Do you know what those are?
- 19 A. I'm not going to give you a guaranteed
- 20 answer on that. I'm thinking one of them does, but
- 21 I'm not going to say for sure.
- 22 Q. So would it be possible that the tile line
- 23 you talked about earlier may be in conjunction with
- 24 the terraces functioning properly?
- 25 A. It probably is. I didn't personally see

- 1 the terraces put in. They're just -- they're there.
- 2 And that's why we don't -- you know, we can't even say
- 3 for sure where they're at. If there's a tile map, we
- 4 haven't found it in the house. And I have no idea who
- 5 did the tiling. You know, they may have a map. But
- 6 we don't have access to maps.
- 7 Q. So, if Summit's contractor cuts a tile in
- 8 one of those terraces during construction but maybe
- 9 you didn't find out about it because we're having a
- 10 dry spell and you didn't find out about it for five
- 11 years, would you still want Summit to be required to
- 12 fix that tile line?
- 13 A. Yes, but I don't think they'll come in and
- 14 do it. Because who is the burden of proof on.
- 15 Q. Would you want the Board to require them to
- 16 fix it?
- 17 A. Yeah, absolutely. I think they should be
- 18 responsible forever for anything that -- any residual
- 19 damage that comes from anything they might do. Like I
- 20 say, some of this stuff, some of that trench, may not
- 21 settle for ten years. And I'm sure they're not
- 22 planning on fixing it after ten years.
- 23 O. You mentioned just a little while ago that
- 24 you think there's rural water going through the
- 25 property?

- 1 A. There is. I forgot about.
- 2 Q. Could you describe where that might be on
- 3 the property?
- A. I can't say on the south part of that if
- 5 there's a rural water line through there. There is on
- 6 the east side. Because our farmstead was hooked up to
- 7 it. We had it disconnected because we weren't using
- 8 it enough and the cost -- it wasn't cost -- it wasn't
- 9 paying for itself.
- 10 Q. So, when you say "east side," it would be
- 11 off of the red parcels and it would be more by the
- 12 farmstead?
- 13 A. Yeah, I know it's on there, because the
- 14 rural water comes into the farmstead. Or did. And I
- 15 would assume that they put it -- you know, usually
- 16 when they run rural water like that, while they're
- 17 there they try to cover everybody that might want it.
- 18 I don't know if our tenants right there
- 19 have rural water or if the other two places over there
- 20 do. I just don't have any idea. But I would assume
- 21 it's optional to them.
- 22 And, plus, also -- where would it be at.
- 23 Over here where the house is -- right there. This
- 24 happens to be a paved road. This runs through that
- 25 little town of Earling -- which would be up here where

- 1 they're running it right by the town and the ball
- 2 field where the kids play. That's a paved road that
- 3 runs for a long distance. So I would assume that they
- 4 would run it down that. But I don't know.
- 5 Q. So it's your best judgment that there's
- 6 probably rural water running along the south side of
- 7 the property. Of the southern parcel.
- 8 A. I would assume that may be where our
- 9 farmstead is pulling from, but I really honestly
- 10 cannot give you an honest answer on that.
- 11 Q. I just have one more question. Did you
- 12 file any comments or objections in the docket?
- A. No, I didn't. We didn't. I'm not much for
- 14 doing stuff in writing like that. I'm not the best --
- 15 Q. No, that's fine.
- 16 A. -- person for putting stuff into writing.
- 17 Q. Because some of them get filed differently.
- 18 And so I'm just making sure that we're aware of any
- 19 comments that might have been filed.
- 20 A. We weren't crazy, honestly, about having to
- 21 come to this, but I said I'd rather do this where I
- 22 can say it in person. For me, it's hard for me to get
- 23 all my thoughts on paper. I just don't write well.
- MS. GRUENHAGEN: Well, thank you for the
- 25 opportunity to visit with you. I don't have any more

1	questions right now.
2	BOARD CHAIR HELLAND: Thank you.
3	Mr. Williams.
4	MR. WILLIAMS: I'm happy to go, but I
5	believe the placard behind me was first.
6	BOARD CHAIR HELLAND: Was it? I apologize.
7	Ms. Ryon.
8	MS. RYON: Thank you, Your Honor.
9	CROSS-EXAMINATION
10	BY MS. RYON:
11	Q. Good morning. I'd like to follow up on
12	some comments that you made earlier when you discussed
13	how difficult it is for landowners who can't afford an
14	attorney to understand all the documents. And you
15	stated that you rely on the Utilities Board to protect
16	the rights of landowners who don't have their own
17	attorney.
18	A. Well, I'm hoping they do, yes.
19	Q. I'd like to ask you a few more questions
20	about that specifically.
21	Can you tell me when you first if you
22	recall, when is the first time you heard from the
23	Utilities Board about this proceeding?
24	A. Oh honestly, I'm not sure. I mean, we
25	have the paperwork about this meeting. I think we had

- 1 something last year, but it really didn't -- I think
- 2 it was just that -- I think all I've had until this
- 3 meeting was just a notice that Summit was -- it was
- 4 probably about the time that Summit was sending out
- 5 information or putting notices out. I think we might
- 6 have had something from the Utility Board on them
- 7 asking for permission, but I'm not going to guarantee
- 8 my memory on that.
- 9 Q. Do you recall getting a large sort of -- I
- 10 think it might have been a tri-fold document from the
- 11 Utilities Board in July asking you how you wanted to
- 12 participate?
- 13 A. Yes. That's the one that we got for this
- 14 meeting.
- 15 O. Do you feel like that document gave you the
- 16 information you needed in order to understand what
- 17 this hearing was about?
- 18 A. Honestly, no. I had -- we -- the only
- 19 reason I even halfway -- you know, we had no idea what
- 20 we were to do here. I'm -- my wife and I watched a
- 21 little bit on our phones yesterday. Some of the
- 22 testimony. That really helped watching that, but I
- 23 had no idea that this is what it was going to be.
- 24 Honestly, I thought -- when the paperwork
- 25 came, I thought we were coming to negotiate. I

- 1 thought that this was a deal with Summit. That was
- 2 the impression I got from that paperwork. I didn't
- 3 realize this was just hearings.
- I mean, I'm glad you're having these and
- 5 I'm glad we came. But, no, from the paperwork, I
- 6 really thought it was going to be hashing it out
- 7 between -- because it said do we want mediators here
- 8 or not. That's why I assumed that we were actually
- 9 coming to meet face-to-face with Summit and we had to
- 10 say yes or no or whatever. That was my impression of
- 11 the paperwork.
- 12 Q. With respect to easement documents, do you
- 13 know whether or not the Utilities Board reviews the
- 14 proposed easements to confirm that they're fair to
- 15 landowners?
- 16 A. No, I have no idea. I mean, we haven't --
- 17 honestly, I haven't heard much from the Utilities
- 18 Board.
- 19 O. With respect to timing of the hearing -- I
- 20 know there are a lot of different factors that go into
- 21 trying to schedule something for farmers. Is it
- 22 easier for you to attend a hearing in August than it
- 23 would be to attend a hearing in November?
- A. Well, for me, as far as farming, no,
- 25 because -- like this farm, we rent it out. My little

- 1 farm -- I only have 40 acres, and it's more of a
- 2 hobby. It doesn't affect me what is the roughest
- 3 for -- I'm semiretired. It doesn't affect me so much.
- 4 My brother is sitting back there. Like I
- 5 say, he had to shut his business down today. It's
- 6 going to cost him some money.
- 7 You know, during the week, a lot of farmers
- 8 work. Some might not get off work, some of them
- 9 they're going to lose whatever -- you know, a lot of
- 10 farmers are running side businesses. They've got
- 11 trucks, they're trucking, they're going to -- it's
- 12 tough. You know, if you had some stuff on the
- 13 weekends, you know -- but it's too late for that now.
- 14 Q. Would an ability to attend a hearing
- 15 virtually instead of in person be helpful?
- 16 A. Not for me. Because I have crappy
- 17 internet. I live in the country.
- 18 O. Would a satellite location where you could
- 19 testify without having to drive all the way to Fort
- 20 Dodge be helpful?
- 21 A. Honestly, from my view, no, I'd rather look
- 22 you in the eye. Doing it on a screen is not -- you
- 23 know, it doesn't bother some people. I'm not a tech
- 24 person.
- 25 Q. Do you recall if you ever got anything from

- 1 the Utilities Board asking you if you had any
- 2 preferences as to the timing of the hearing? Like
- 3 what time of year, for example.
- 4 A. I don't think we had any choices on what
- 5 time we wanted to come. I didn't send that in, my
- 6 brother sent that in, and he's dealt with that. I
- 7 haven't personally talked to anybody on that. He's
- 8 talked to somebody on the phone, I don't know, once or
- 9 maybe twice.
- 10 And like when we had to show up today, we
- 11 really didn't know until last night when we were even
- 12 supposed to show up. And it didn't matter to me. We
- 13 got lucky. We got early. And that worked better.
- 14 But, you know, it was -- the time that we had to be
- 15 here, to me, is kind of last minute.
- You know, I don't have any little kids, but
- 17 what if I had five little kids at home and somebody
- 18 had to take care of them. I mean, your timing on
- 19 telling us when to be there, yeah, it could be a
- 20 problem.
- 21 Q. Do you think it's fair to make landowners
- 22 like yourself who don't have an attorney testify
- 23 before the pipeline does?
- A. Well, we're kind of at a disadvantage.
- 25 Because -- I don't know how many Summit lawyers are

- 1 here. But, you know, that's their job, they're
- 2 getting well paid, they've got the education, we
- 3 don't. And, like I say, we can't afford to hire
- 4 expensive lawyers.
- 5 O. Do you think there are any actions that the
- 6 Utilities Board could take that could help landowners
- 7 like you who don't have attorneys?
- 8 A. Well, I guess, you know, you could have
- 9 a -- I don't know what you'd call it. A legal pool or
- 10 something to help people. But nothing like that's
- 11 been offered.
- 12 This is really the only thing we've
- 13 actually had from the Utilities Board that really
- 14 explained much or really gave us any opportunity to
- 15 really do anything.
- 16 Like I say, sending a letter in saying,
- 17 well, we -- you know, that's not an answer. You've
- 18 got to do stuff in person. You've got to have some
- 19 knowledgeable people to help yourself. And it's
- 20 not -- as far as I can see, it's not there. We're
- 21 just kind of dumped along the side of the road and
- 22 we're on our own. We don't have billions of dollars
- 23 in our billfolds to take care of our interests.
- Q. On the whole, do you feel like this
- 25 proceeding is fair?

1	A. You mean as far as the interviews and
2	stuff?
3	Q. For landowners in particular.
4	A. I think it's I don't know if it's going
5	to be fair. I don't I can't answer that. I mean,
6	you're running it okay here. I'm happy with that.
7	Nobody's trying to answer misleading questions or
8	ask, so far any way, misleading questions. Which I
9	don't like.
10	My worry is the Utilities Board is governed
11	by the State. I'm afraid the State is looking at lots
12	of money, supposedly some jobs. They're going to
13	shove this down our throats no matter what the
14	Utilities Board does.
15	I mean, if you guys say no, I'm afraid the
16	State is going to ram it through one way or another.
17	I mean, that's my honest opinion. I don't think I
18	don't think it's going to get stopped because the
19	Utilities Board doesn't give them a permit. I think
20	they're going to shove it through it might take
21	longer, but I think the State is going to ram it down
22	us anyway.
23	MS. RYON: Thank you. That's all my
24	questions.
25	BOARD CHAIR HELLAND: Mr. Williams.

1	MR. WILLIAMS: Thank you.
2	CROSS-EXAMINATION
3	BY MR. WILLIAMS:
4	Q. Good morning, sir. My name is Christian
5	Williams. I represent some landowners in the area.
6	I'm not going to take as long on my question session
7	since a lot of the questions I normally ask have
8	already been posed to you.
9	Have you seen a map, at any point during
10	this process, indicating why Shelby County, and
11	particularly your property, needs to be part of this
12	pipeline route?
13	A. No. You mean an actual explanation of why?
14	Q. Yes.
15	A. No.
16	Q. Would it surprise you to know that your
17	property is part of a seven-county-in-length pipeline
18	that is reaching all the way down to Fremont County to
19	serve a single ethanol plant?
20	A. I know it goes down in there. And maybe
21	is it Council Bluffs they're supposed to go to too?
22	Q. Well, yes, that's one of them.
23	A. Down that way. I'm aware that none of the
24	counties down there want it.
25	Q. But does it surprise you to know that

Fremont County is the end connection for the route in 1 2 which your property lays on? Or that --3 Α. No --4 I'll rephrase that. That Fremont County is 0. 5 the end destination for a single ethanol plant and your property is the pipeline route to get it there? 6 7 Α. Okay. So they're not planning on picking up Atlantic then? 8 9 Well, there's only one connection point in 10 Fremont County for an ethanol plant down there. 11 Were you aware of that? 12 Α. No. 13 Objection, Your Honor. MR. DUBLINSKE: 14 pretty sure this is the exact --15 BOARD CHAIR HELLAND: State your objection. 16 MR. DUBLINSKE: I'm pretty sure this is the 17 exact objection you sustained at the end of 18 yesterday's session. 19 BOARD CHAIR HELLAND: Mr. Williams. 20 MR. WILLIAMS: The point of this is, Your Honor, is to demonstrate that this particular 21 22 landowner, as the one yesterday who I was able to 23 question, is being asked to take on all the risks of a 24 pipeline that's going all the way to Fremont County 25 spanning seven counties.

1	And so I think that's particularly relevant
2	if I'm permitted to continue with my questioning on
3	this line.
4	BOARD CHAIR HELLAND: Thank you.
5	Mr. Long. Go ahead.
6	MR. LONG: I think if questions continue
7	about aspects of the route, I think it would be
8	helpful for the witness if the attorney would have
9	I believe there's numerous exhibits that have the
10	route plotted on a map of Iowa and the counties and
11	maybe that should be shown to the witness.
12	BOARD CHAIR HELLAND: Thank you.
13	Mr. Dublinske.
14	MR. DUBLINSKE: Your Honor, if the Jorde
15	Landowners want to argue about broader routing
16	questions, you know, the number of counties between
17	ethanol plants, they certainly have every ability to
18	do that during their own case. But our discussion
19	yesterday was the purpose of this was to address
20	individual landowners' specific features of their
21	parcel. And when the question starts talking about
22	"are you aware of seven counties," we're clearly way
23	beyond that scope.
24	BOARD CHAIR HELLAND: Okay. Thank you.
25	The objection is sustained.

1	I'm a little disappointed the attorneys
2	have already ventured well outside of the scope. We
3	had a conversation about this yesterday. We can have
4	another conversation about it now.
5	I think it's unfortunate that we have
6	landowners traveling from all over the state to come
7	and have their side of the story told about their
8	parcel. And we have attorneys who will have ample
9	time later with their witnesses to present all of
10	their cases.
11	And so I'm going to ask once more and
12	remind you all that the non-intervening landowner
13	witnesses are being heard solely as a matter of Board
14	discretion and courtesy. They are not parties and
15	they are not party witnesses.
16	If anyone else wants the opportunity to
17	rehabilitate these landowners, they should have
18	intervened and identified them as witnesses.
19	You're going to proceed, and I'm going to
20	ask again go ahead, Ms. Ryon.
21	MS. RYON: Thank you. I would just like to
22	note on behalf of the Republican Legislator
23	Intervenors for Justice disagreement with the Board's
24	statement that landowners who are Exhibit H landowners
25	are not parties to the case.

1	They are parties of right because they were
2	dragged into this case without their permission by
3	Summit's request to seize their land through eminent
4	domain.
5	BOARD CHAIR HELLAND: Okay.
6	Mr. Dublinske, your card is still up.
7	Mr. Williams, please proceed with your next
8	question on scope, I hope.
9	BY MR. WILLIAMS:
10	Q. Let's start with the easement agreement.
11	We'll try it this way.
12	The easement agreement, you've received a
13	copy that you were asked to sign; correct?
14	A. Yes. I actually received two.
15	Q. And I assume the difference between the two
16	was the amount of the offer?
17	A. Yes. I think that's the only difference.
18	Q. All right. So you've pointed out, if I
19	recall correctly, that you were concerned about
20	compaction affecting your property or something of
21	that nature; is that correct?
22	A. Yes.
23	Q. Obviously, the risk of leaks and ruptures.
24	Whether that is by virtue of the pipeline's own
25	failure or the fact I think you pointed out

1	A. Yeah. Accidents.
2	Q. Accidents.
3	A. Stuff happens.
4	Q. Equipment going over it, the ground being
5	weak over the pipeline, et cetera.
6	A. Some of this equipment is extremely heavy
7	and it's damaging. Or can be.
8	Q. And obviously I don't think this was
9	discussed, but does compaction affect the fertility of
10	your land either on a microorganism level or some
11	other method?
12	A. Uh-huh.
13	Q. Is that a yes?
14	A. Yes.
15	Q. And how so?
16	A. Well, if you get compaction, it's hard for
17	crops to grow. They need good, loose soil. They need
18	their nutrients and everything. You know, if you're
19	planting a garden, you'll till it up, you want it
20	soft. Then if you go out there and take the tamper
21	and tamp it down rock hard and then plant your seeds,
22	where are you going to be? I mean, it's the same
23	thing.
24	You've got to have good soil. And, if you
25	tear it up and don't put it back right and you're

- 1 going to have compaction with all that heavy
- 2 equipment. I don't care what you do.
- 3 Q. Witnesses from yesterday indicated that
- 4 that would take years. It was basically a range of
- 5 testimony from years to never that issues with
- 6 compaction would never be fully resolved.
- 7 A. That's probably true. And some of that
- 8 would depend upon your soil types. If you've got a
- 9 lot of clay in your soil, that's -- you're going to --
- 10 you're going to fight it for a long time because
- 11 you're not going to get it back.
- 12 Q. And so, as a result, your mention of the
- 13 fact that Summit may or may not, pursuant to the
- 14 easement, compensate for crop damage loss for a period
- of three years, do you judge that to be an adequate
- 16 remedy?
- 17 A. No.
- 18 Q. Given the fact that it might take years to
- 19 resolve the compaction issue?
- 20 A. Yeah, three years isn't enough. And how
- 21 would anybody prove it after that? You know, even if
- 22 they said they would pay for it after three years, and
- 23 I think maybe it said in there they would, but who is
- 24 the burden of proof on? It's on the poor soul that's,
- 25 say, getting ten bushels an acre less, but it's going

- 1 to be so much more work to prove it than you're ever
- 2 going to get so Summit is going to get out of it.
- Q. And, based on your dealings with Summit up
- 4 to this point regarding things like pipeline diameter,
- 5 things of that nature, the representations made to
- 6 you, threats that they made to you about eminent
- 7 domain, do you trust that they would be a willing
- 8 partner in paying for even just crop loss? Not just
- 9 any other things --
- 10 A. No.
- 11 Q. -- that they caused for damage on your
- 12 property?
- 13 A. No. There's been too many things -- just
- 14 like, "Well, you don't need to give your renter that
- 15 money, just keep it. "You know, stuff like that.
- 16 There's just been too many things they either wouldn't
- 17 answer, wouldn't volunteer. Too hard to get
- 18 information.
- 19 Can I say something?
- 20 Q. Sure.
- 21 A. One thing I thought of I had down here I
- 22 kind of forgot about. When I was at that meeting,
- 23 they let us stand up and ask questions. I asked a
- 24 question. Mine was, "Okay, this money that you say
- 25 you're going to give us" -- part of it is -- on the

Part of it was permanent easement, part of 1 easement. 2 it was temporary easement for the extended width for 3 working, and of course the crop damage. 4 My question was, "What's taxable? Are we 5 taxed on this?" Because, I said, "To me, this is 6 damages. "Well, we don't know." 7 Bull. They knew. That's a big thing. 8 9 That's -- you know, you're looking at all this money 10 and you don't know what's taxable and if you have to 11 send 1099s. And they promised to get back to me. 12 Guess what. I never heard anything. 13 Finally -- all these people that kept 14 calling me, I kept asking and asking. Finally, 15 somebody finally admitted, "Well, yeah, some of it you're going to have to pay income tax on." 16 17 So you give us this easement money. Well, 18 you're in a higher tax bracket. There goes your 19 easement money back to the government again to pay the 20 carbon company for their carbon credits. You're just giving it right back. 21 22 Would it be fair to say that if the 0. 23 easement terms made up ultimately what would be 24 imposed upon you in these proceedings, and subsequent 25 condemnation proceedings, that you would essentially

- 1 be asked to sacrifice a significant portion of your
- 2 land and be willing to assume all sorts of risks that
- 3 you've just identified in exchange for minimal if no
- 4 benefit to your property?
- 5 A. Yeah, really that's about what it amounts
- 6 to. In the long run, you've got probably a lot more
- 7 to lose if something goes wrong than you're ever going
- 8 to gain. You know, and it's -- that onetime payment.
- 9 That's forever.
- 10 You know, at least the windmills, whether
- 11 you like them or not, they get paid every year. You
- 12 get some kind of residual payment.
- 13 This -- and what if -- how far can they go
- 14 on this easement? Okay, they put the pipeline in.
- 15 The way I read it then they can do anything else
- 16 later. What if they decide to run an aboveground line
- 17 or something through. Can they do that? Can they run
- 18 a power line through on us then? Can Summit get into
- 19 power lines? Is that easement good for a power line
- 20 to run through or anything like that?
- 21 It really doesn't say how far they can go
- 22 with this easement. They just have the use of our
- 23 land forever. We get paid one time. What if they
- 24 decide to run a road through there? Well, they own
- 25 the easement, they can do whatever they want; right?

- 1 Can they do that? Can they do stuff like that?
- Q. Let me ask you this question: You are
- 3 aware, or at least it's been made aware to you at this
- 4 hearing, that it currently is a proposed 8-inch
- 5 diameter pipeline.
- 6 A. Yes.
- 7 Q. Would it surprise you to know that if a
- 8 rupture or release occurred on your property, that it
- 9 could cause a plume to extend around 2,600 feet or
- 10 more from the pipeline rupture?
- 11 A. I knew it was a long distance.
- 12 Q. Would that more than encompass the
- 13 homestead to the east of your property?
- 14 A. That would take care of all four of those
- 15 there.
- 16 Q. Thank you. That's where I was going.
- 17 A. Because 2,600 foot -- yeah.
- 18 Q. What's the emergency services around your
- 19 area like? Is Harlan the closest of any population
- 20 that has a fire department?
- 21 A. Well, as far as -- everything around us is
- 22 small. Or around this farm. You're only -- of course
- 23 you've got Omaha and Des Moines. You've got big-city
- 24 services there. Well, they're over an hour. That's a
- 25 long distance away.

25

Denison and Harlan would be the closest to 1 2 me, a bigger town, but you're still not even 3 looking -- you're still looking at less than 10,000 people. So no you don't have much for emergency 4 5 services. They're not set up for catastrophes. We've got two fire departments close to us. 6 Our farm is, I'd say, one mile from the small German 7 8 town of Westphalia. They've got a fire department. 9 And it's a volunteer fire department. 10 Are you aware of any surrounding community that is preparing for a possible eventuality of a 11 pipeline being installed in Shelby County? 12 13 Α. Well, I've seen in the news discussions of 14 it, but there isn't a town around any of this that can 15 afford to do what they probably need to do. What kind of equipment are you looking at 16 17 to cover this? You know, they've got fire trucks. 18 you need emergency service, you're looking at going to 19 I mean rescue services. Well, you're looking 20 at a town that's -- I don't know how big Harlan is. 21 Five, six, seven thousand people. I don't think it's 22 over five. 23 How much emergency medical service are you 24 going to get in a big catastrophe like this?

Everybody is going to have to come a long distance,

you're not going to have much available. 1 It's really 2 small hospitals. They're not set up to take it. 3 And they don't have the money -- you know, 4 these small fire departments, they're having a heck of 5 a time supporting what they have. They don't get enough tax money, they're having, say, bingos or 6 7 gambling -- casino nights to pay their expenses. are they going to buy new equipment that's probably 8 9 going to be required -- I'm sure the government is 10 going to require that they have equipment to handle 11 this. Where are they going to get the money? 12 And say they have to have a special 13 emergency vehicle. Okay? The government buys it. In 14 five years, that vehicle is obsolete. Then what. Is 15 Summit going to come in and pay again? These small departments cannot handle 16 17 this -- if there is a bad catastrophe, they can't 18 They absolutely cannot handle it. handle it. they have a hard time handling anything -- my wife and 19 20 I have a scanner. We're kind of nosy that way. So we hear, like, emergency calls. 21 22 We live near the small town of Exira. 23 miles away. They have an emergency call. 24 volunteer department. They might have to page three, four, five times to get an ambulance to go help 25

somebody that's having a heart attack. And that's 1 2 your normal local stuff. You're not going to have 3 emergency medical to take care of this or anything. 4 And so, with that in mind, in your view 0. 5 does the pipeline going across your property serve any public necessity or convenience? 6 7 Α. No. It's for profit. It's a company trying to make money. There's no public -- one of the 8 9 things that really irks me is this is all based on 10 public money. Yeah, it's public money, we're paying 11 for it. It's carbon credits or whatever you call it. Okay. 12 Every four years the political 13 environment changes. Right? Every time there's a 14 national election. Okay? Say the next one, or four 15 years later, they decide, you know, "We're not going to keep paying for these carbon credits. 16 17 ethanol plants are making money, they can handle it 18 themselves." What's going to happen to the pipeline 19 The government money is gone. Who is going to 20 care for it? 21 MR. WILLIAMS: Thank you for your time. No 22 additional questions. 23 BOARD CHAIR HELLAND: Thank you. 24 Does the Board have any additional 25 questions?

1	(No response.)
2	BOARD CHAIR HELLAND: Thank you.
3	Appreciate it. You're excused.
4	THE WITNESS: Thank you.
5	(Applause.)
6	BOARD CHAIR HELLAND: The Board would like
7	to call Kathryn Josephine Byars for parcels H-SH-029,
8	H-SH-035, and H-SH-063.
9	Just to clarify. Ms. Byars? Ms. Josephine
10	Byars?
11	MS. BYARS: Kathryn, or Kathy if you
12	prefer, Byars.
13	BOARD CHAIR HELLAND: Ms. Byars, do you
14	mind raising your right hand?
15	KATHRYN JOSEPHINE BYARS,
16	called as a witness, being first duly sworn by Board
17	Chair Helland, was examined and testified as follows:
18	BOARD CHAIR HELLAND: Thank you. Please
19	state your name and spell your name for the court
20	reporter and list your address.
21	THE WITNESS: Okay. My name Kathryn
22	Josephine Byars.
23	Kathryn Josephine Byars. Is that better?
24	K-a-t-h-r-y-n J-o-s-e-p-h-i-n-e, last name is
25	B-for-boy-y-a-r-s.

1	BOARD CHAIR HELLAND: Thank you.			
2	Ms. Byars, we have three properties today to visit			
3	about with you. Are they all located in Shelby			
4	County?			
5	THE WITNESS: Yes, they are.			
6	BOARD CHAIR HELLAND: And I've got them			
7	listed as H-SH-029, 035, and 063. Is there an easier			
8	way to refer to them for you?			
9	THE WITNESS: Not really. I'd say north of			
10	Highway 44, south of Highway 44. Two of them look to			
11	be south of Highway 44.			
12	BOARD CHAIR HELLAND: Which two are south?			
13	I guess let's make it easier. Which one is north?			
14	Maybe staff can blow that font up for all			
15	of us a little bit.			
16	THE WITNESS: I'm sorry?			
17	BOARD CHAIR HELLAND: I said maybe staff			
18	can blow that font up a little bit for all of us.			
19	THE WITNESS: I have different numbers for			
20	those same things.			
21	BOARD CHAIR HELLAND: No, they can't. All			
22	right. So H-SH-035 is north of the highway there.			
23	THE WITNESS: Correct.			
24	BOARD CHAIR HELLAND: Thank you. And, as			
25	with the last witness, when we're talking about your			

parcels, we want to make sure that we're giving also 1 2 word descriptions, not just saying "here" and "there," 3 so that later when we go back to the record it will be easier to refer to your parcel. 4 5 THE WITNESS: Okay. 6 BOARD CHAIR HELLAND: Can you give us a 7 general description of the property usage now and any 8 potential usage in the future? 9 THE WITNESS: Okay. I do want to start 10 with some opening remarks maybe to explain why I can 11 say things. My background in education is a bachelor of 12 13 science in chemical engineering from Iowa State. 14 have a master of arts in teaching, in chemistry, from 15 Drake University. And I have an adult learning and organizational performance specialist degree also from 16 17 Drake University. So, if I start trending into 18 science, I have the background for it. 19 The farm that we are discussing, or the 20 sections of it, it's over a hundred years in my Technically, five generations that I know of. 21 family. 22 Unfortunately, my father, who spent his 23 entire life on that property -- back when he got 24 married he moved across the highway. He passed away 25 last year. So he was the expert on the farm. But

I'll do my best to answer the questions that you have 1 2 for us. 3 I'm one of four family members now owning the Rolling R Farms. Which is what my dad always 4 5 called it. And I was also the fastest of my siblings to submit the application to be here. 6 7 Okay. So back to your questions. BOARD CHAIR HELLAND: 8 So the property 9 itself. Its current usage and then any potential 10 future usage. 11 THE WITNESS: Its current usage is agricultural exclusively. We have a renter who has 12 13 rented the property for over 20 years. He does beans 14 In the wintertime, we have cattle that will 15 roam all of the lands -- all of our rental ground. All of it is fenced in. In fact, that 16 17 93-year-old father that I mentioned, he was finishing 18 those fences probably when he was 91. And they're 19 military-style fences in that you stand at one end of 20 the fence and all you see is a fence post. Everything is lined up precisely. 21 22 There's two -- I'll call them acreages now 23 on our property, and those are in the process of being 24 remodeled. Ultimately, two of my sisters will be 25 living in them. And they aren't in the red zone, but

1	they can be reached by anything that leaks in the red			
2	zone.			
3	BOARD CHAIR HELLAND: So those acreages			
4	appear to be on the east side abutting that road. Do			
5	you happen to know that road's name?			
6	THE WITNESS: Hazel Road.			
7	BOARD CHAIR HELLAND: Hazel Road. So one			
8	is up in the northeast corner north of the highway?			
9	THE WITNESS: That is the main farmhouse.			
10	That is the one that my father lived in once he got			
11	married.			
12	BOARD CHAIR HELLAND: And then the other			
13	one appears to be in the southeast corner-ish?			
14	THE WITNESS: Well let's see if I can			
15	hit that. That is the actual farmhouse. And then			
16	there is the old homestead here. It no longer has a			
17	barn or a house there. It just has machine sheds.			
18	And one of my sisters does a truck garden there.			
19	BOARD CHAIR HELLAND: So the parcel just			
20	north of that one and on the west side was it			
21	Hazelton {sic} Road? That's where the house is.			
22	THE WITNESS: That one			
23	BOARD CHAIR HELLAND: East. I'm			
24	sorry.			
25	THE WITNESS: Okay. That one is the			

primary farmhouse. That was the one that my dad lived 1 2 in. That's the one we grew up in. 3 BOARD CHAIR HELLAND: So the other 4 buildings and structures on the parcels that we're 5 speaking about today abut the road and that there's no house on there, but there are machine sheds and 6 7 outbuildings. Is that what you said? 8 Right. And the truck farm. THE WITNESS: 9 BOARD CHAIR HELLAND: And the truck farm. 10 Thank you. 11 THE WITNESS: One comment I should make is 12 to the west of us, also outside the red area, is an 13 acreage off of Highway 44. 14 BOARD CHAIR HELLAND: So due west. 15 THE WITNESS: So it would be right there. That is partway up a hill. It is approximately a 16 17 thousand feet from the proposed pipeline. So it's not 18 on our property, but, since we are Iowa and we take care of our neighbors, yes, that's a house of concern 19 20 as well. 21 BOARD CHAIR HELLAND: If we can go ahead 22 and have staff draw that line between the proposed 23 route and both structures. 24 So the neighbors to the west are just under 25 a half mile. And the other structure in the northeast

1	there? Okay. About .41. So almost directly in the			
2	middle. Okay.			
3	And the well for that house, is that on			
4	that farmstead?			
5	THE WITNESS: The wells?			
6	BOARD CHAIR HELLAND: Yeah.			
7	THE WITNESS: There is, I believe, four			
8	different wells.			
9	BOARD CHAIR HELLAND: Can you tell us where			
10	they're located?			
11	THE WITNESS: The well on the north			
12	farmhouse, that one, the well is just to the south of			
13	the house. And then, on the acreage for the one			
14	that's on the east side of Hazel Road, that one I'm			
15	not entirely sure. I want to say it's north of the			
16	house.			
17	BOARD CHAIR HELLAND: But on the acreage			
18	still.			
19	THE WITNESS: It's on the acreage. And			
20	then on the south where you have the machine sheds and			
21	the truck farm, to my knowledge there were two wells			
22	there. One is close to the truck farm itself, and I			
23	believe there's a much older well south and just a			
24	little bit west of that arrow.			
25	BOARD CHAIR HELLAND: And, just for			

25

clarification, the property east of the highway is not 1 2 actually on the parcels that we're talking about today 3 but still obviously of concern to you. 4 THE WITNESS: Right. 5 BOARD CHAIR HELLAND: Thank you. Can you describe -- we talked about the buildings and the 6 acreages. And I appreciate that. Can you describe 7 8 the other terrain features. Standing water? 9 Waterways? 10 THE WITNESS: Okay. As you can see, 11 there's a lot of terraces. Literally, there's 12 approximately 25 terraces on the red area to my 13 knowledge. So some of those will be impacted 14 depending on where they put the pipeline. 15 And these are terraces that were in place for approximately 40 years. My dad was very vigilant 16 17 with those terraces. You will not find a bush or a 18 Bromegrass was planted to keep down tree on them. 19 soil erosion. And that was something the renter knew 20 was important, so he maintains them as well. 21 There are tile lines. We do not have maps 22 for the tile lines. Because, again, they were put in 23 probably 40 years ago. Back when there was a push for 24 soil conservation and trying to be good stewards,

et cetera. And where there was government programs to

1	promote you to have a plan and then to implement your		
2	plan regarding conservation. My dad had his plan done		
3	before his neighbors even completed their plans.		
4	BOARD CHAIR HELLAND: Do you have a general		
5	idea of where the tile may be?		
6	THE WITNESS: My guess would be running		
7	perpendicular to the tile line		
8	BOARD CHAIR HELLAND: To the proposed line?		
9	THE WITNESS: I'm sorry?		
10	BOARD CHAIR HELLAND: To the proposed line		
11	you mean?		
12	THE WITNESS: To the proposed line, yes.		
13	And the reason why I say that is where the		
14	proposed line is, that's a low point amongst rolling		
15	hills. Which is why we have all the terraces to try		
16	to keep the water from rushing down from those hills		
17	or, more importantly, eroding things.		
18	And, again, I'm not sure how many there		
19	are, but I know that he was hypervigilant about that.		
20	Okay. Anal. So he put in as many as the		
21	recommendation was and probably three more.		
22	BOARD CHAIR HELLAND: The water. Does it		
23	generally drain from east to west and north to south?		
24	Is that what you're saying? That the property		
25	generally trends towards the proposed line?		

1 THE WITNESS: I want to say one of the 2 major water routes would be draining more south. 3 Because we have a few tile lines to the property to the north. So then he had hooked into those. 4 5 And, at one point, there was -- we called it the creek, but it ran the length of this red area. 6 7 And then he either tiled it or he may have put 8 culverts there so that he no longer had to farm around 9 it. 10 But, toward Highway 44, there is a green space that he put in probably very close to where the 11 12 tile line is. It matches up with a culvert that runs 13 underneath Highway 44. But there's oftentimes water 14 in that space. There's grass or bromegrass around it. 15 So that would be a source for wildlife. I do know that on the far south border of 16 17 this red area, this is south of Highway 44, to the 18 south edge there's a green space as well. Because 19 that tended to be swampy. And so that was put into 20 the wetlands CRP. So that's the farm program it's in. There's 1.5 acres involved. 21 22 BOARD CHAIR HELLAND: Are there any 23 easements held by third parties? 24 THE WITNESS: My guess would be the highway 25 commission. Because it runs right between -- you

1	know, right through our property literally. So they			
2	would have easements, I would presume.			
3	BOARD CHAIR HELLAND: But no private,			
4	third-party easements that you know of?			
5	THE WITNESS: Not that we're aware of, no.			
6	BOARD CHAIR HELLAND: Is there any other			
7	buried infrastructure; pipelines, water lines,			
8	telephone lines, fiber, anything that you can think			
9	of?			
10	THE WITNESS: If there are, they would be			
11	in the easements out by the highways and the roads.			
12	Not through the property itself.			
13	BOARD CHAIR HELLAND: In the right-of-way.			
14	THE WITNESS: Correct.			
15	BOARD CHAIR HELLAND: That is three parcels			
16	with a lot of character. So are there any other			
17	features or conditions that might not be readily			
18	apparent and that might affect, or be affected, by the			
19	proposed project?			
20	THE WITNESS: Other than breaking up the			
21	stewardship of our land, no. Every generation made a			
22	point of making improvements with the land. When I			
23	was a kid on the hay wagon and Grandpa was driving			
24	through the fields, we frequently hit washouts. And,			
25	in my dad's time, there were no washouts and it wasn't			
I				

1	nearly as dangerous being on that wagon.			
2	BOARD CHAIR HELLAND: Well, I hope your			
3	grandpa drove slower than my grandpa drove.			
4	THE WITNESS: He hit those washouts pretty			
5	good.			
6	BOARD CHAIR HELLAND: Can you describe any			
7	specific concerns you may have or any recommendation			
8	you have for the Board.			
9	THE WITNESS: I have a list.			
10	First of all, we are stewards of the land			
11	for over a hundred years. Every generation has done			
12	their best to protect and improve the land through			
13	conservation, green spaces, crop rotation, tiling, no			
14	till where possible.			
15	My dad had in place with the renter that he			
16	was not to remove any cornstalks or any plants once			
17	harvest was complete so that that roughage could hold			
18	the soil in place, break down, and put nutrients back			
19	in the soil.			
20	Eminent domain. We have a private,			
21	for-profit, out-of-state company that's forcing people			
22	to relinquish their property. Quite literally.			
23	We've been on that property longer than			
24	Summit has probably been in existence. And many of			
25	the other farmers can say the same thing. The land is			
l				

1	our livelihood and it is a part of our family.		
2	Financial incentive is currently being		
3	offered at a federal level for both Summit and the		
4	chemical plants. Those carbon credits. What happens		
5	when those incentives go away? What happens to the		
6	land? Who is responsible for the pipeline if		
7	something happens in 10 years, 20 years, 30 years in		
8	the future?		
9	As a chemical engineer and a chemistry		
10	teacher, I have a problem with proposing to take		
11	carbon dioxide which is deemed as a waste. Just		
12	for the record, the market for carbon dioxide has been		
13	increasing. They are anticipating a 7 to 8 percent		
14	increase in demand for carbon dioxide because		
15	BOARD CHAIR HELLAND: Can you make sure		
16	you're speaking into the mic. And feel free to		
17	position the mic if it's easier. You can look		
18	wherever you'd like and put it wherever you like.		
19	THE WITNESS: Is that better?		
20	BOARD CHAIR HELLAND: Whatever works for		
21	you. As long as we can hear you.		
22	THE WITNESS: Okay.		
23	So we're trying to dump a useful product		
24	down a hole that has to be maintained for the next		
25	millennium. Because I don't think you can just put a		

- 1 little cap on a pressurized gas, or a pressurized
- 2 liquid, and walk away. This would be comparable to
- 3 when we discharge sewage into rivers and oceans or
- 4 when we dumped garbage into the ocean. It came back
- 5 to bite us. And I think this will as well.
- The powers that be seem to think that if we
- 7 drop carbon dioxide into a hole, then our greenhouse
- 8 gases will decrease. I'm thinking that's like
- 9 swatting a mosquito and saying no more yellow fever.
- 10 It's not that easy. It's a simplistic solution and
- 11 yet it's going to cost a lot of people their
- 12 livelihoods. Their property. It's impacting how they
- 13 can take care of themselves financially so that
- 14 companies can make money.
- 15 I did a rough search, and there was over 30
- 16 chemical plants in Iowa. Only 12 signed on. I'd like
- 17 to see the names of those 12 companies to see if they
- 18 are real. Because, here again, we're -- you know,
- 19 we're anticipating this is 12 chemical companies.
- 20 There's 12 fertilizer companies within Harlan --
- 21 60 miles of Harlan. There's six of them that they
- 22 aren't signing on. And these would be in Shelby
- 23 County and the nearby areas.
- 24 Another concern I have is the safety plan.
- 25 I haven't seen that presented. You guys touched on

it, and, just for the record -- because I was in one 1 2 of those Shelby County Board meetings. They were 3 talking to the first responders. In order to, yeah, 4 prevent or protect, the responders would need 5 self-contained breathing apparatus. In other words, oxygen tanks in order to get into a carbon 6 dioxide-rich area. 7 More importantly, they would need a vehicle 8 that isn't a combustion engine. Because combustion 9 10 So, if you tried to drive a car or a needs oxygen. 11 truck into a carbon dioxide-rich area; i.e., where there's a leak, it will die. And probably so will the 12 13 people driving those cars. Or the people trying to 14 escape those areas. Combustion engines will not run. 15 And that would probably be the only argument I'd have for an electric car. Because they 16 17 would survive. 18 But I know, for Harlan, they don't have 19 those tools at their disposal at this time. 20 And, if somebody is exposed to a lot of carbon dioxide, when we start looking at life and 21 22 death, they're going to need a hyperbaric chamber. 23 By the way, I also was a medical assistant. 24 So I understand that one too. So a hyperbaric chamber. So now we're 25

- 1 looking at Des Moines, Omaha, Sioux City, Life Flight.
- 2 In order to get their oxygen levels restored. So that
- 3 is a concern.
- 4 Many of the requests for information have
- 5 been refused or redacted by Summit. There's no
- 6 transparency. It's almost like they're making up the
- 7 rules.
- 8 If I was designing a chemical plant, I
- 9 would need to get permission for where I was going to
- 10 buy the land, it would have to be rezoned, I'd have to
- 11 have a blueprint in place to show to the county
- 12 supervisors to get approval, I would have to have a
- 13 safety plan in place as well as pollution
- 14 containments.
- 15 And I already found out for one chemical
- 16 plant -- well, actually, it was a fertilizer -- not so
- 17 much a plant but a provider, designed a dike to go
- 18 around their tank. So that, if they had a leak, it
- 19 would be contained within those walls. Twenty years
- 20 later they still have the plan. They did not put it
- 21 in place. So, even if you have a safety plan, it has
- 22 to be implemented.
- 23 For a visual -- you guys talked about a
- 24 plume. If I had 1 liter of carbon dioxide at
- 25 1,200 psi just in gaseous state, just to make life

easy -- I'm using high school chemistry, by the way. 1 2 If I took that 1 liter of 1,200 psi and 3 then released it literally to atmospheric pressure, 4 which is 15 psi, it would expand to 80 liters. And, 5 if you think about that, 1 liter, or a drinking bottle, going to 80 liters. And we have a flow going. 6 7 So it's not just 1 liter escaping, it's a constant So that's where your plume is coming in. 8 9 The 1,200 psi, for comparison, your tire 10 pressure is between 30 and 45 psi. A sandblaster uses 107 psi or greater. A gas station air pump is 110 to 11 12 120 psi. That means that we have some 13 super-pressurized gas that we can't take lightly. 14 We did not -- yeah, I got the impression 15 that Summit didn't take people seriously. Because, in the documentation I had, it commented about there was 16 no houses on the parcel involved. Which is true. 17 18 There are no houses in that red area. But we've also 19 proven there are houses within a half mile. And for 20 that carbon dioxide to get there? Very easy. 21 Summit is ignoring the rules of the 22 counties for placement of specific businesses within 23 certain distances. You can't build a hog confinement 24 within 1,800 feet of a neighbor -- you know, you can 25 do it on your property, but, if you were buying the

property to put that in place, you had to have 1 2 specific spacing. That's true for wind generators. 3 Even solar cell farms. 4 But yet a pipeline carrying poisonous gas, 5 200 feet from the playgrounds at Earling. Playgrounds and their baseball field. That came from the Shelby 6 County board as well. 7 Carbon dioxide is odorless, colorless, and 8 9 heavier than air. In the event of the leak, the gas 10 will go to the lowest level of ground. So where it's positioned on our property, it would appear to be on 11 the lower portion of that area. Not only will it kill 12 13 the people, but I mentioned the internal combustion 14 engines won't work. 15 I haven't heard any guarantees for Summit how to guarantee that the dumping site in North 16 17 Dakota, which hasn't been approved yet, how it's going 18 to be maintained. And it has to be maintained 19 literally forever. 20 There's energy required to maintain the pressure in the dumping site. Because it's supposed 21 22 to stay liquefied. And there's also energy that's 23 going to be needed along the pipeline because you 24 can't just throw gas in one end and expect the 25 pressure to be maintained as it travels the, what,

- 1 700 miles to the dumping site. Where are the pumping
- 2 stations? Because that would take up more of the land
- 3 that we don't want to give up anyway.
- 4 And I have a problem with disrupting the
- 5 conservation measures put in place. They were put in
- 6 place for a reason. Soil conservation. That's our
- 7 money. That's also our heritage of the family farms.
- 8 If we let it erode -- you know, it's just like the
- 9 concerns 50 years ago. We'd be losing even more
- 10 topsoil, polluting more streams, or putting more
- 11 sediment in the streams.
- 12 From what I've heard about eminent domain,
- 13 the rules, such as they are, favor Summit without the
- 14 responsibilities or liabilities. They seem to be
- 15 making up the rules as they go along.
- You know, we talked about 6-inch pipes,
- 17 then it became 8-inch pipes, and then it can come up
- 18 to 24-inch pipes. And these aren't seamless pipes.
- 19 So anywhere there's a joint, anywhere there's a weld,
- 20 there's a potential for leakage.
- 21 And, once those pipes are no longer used,
- 22 once Summit decides it's not going to -- yeah, once
- 23 it's no longer going to be pumping the pressurized
- 24 carbon dioxide anymore, is this land going to be
- 25 restored or are they going to walk away?

1	One of the chemical plants I used to work		
2	at I revisited 10, 20, 30 years after. Ten years		
3	after I left, it was functioning. Twenty years ago		
4	or 20 years after I left it, it was shut down. And 30		
5	years ago or 30 years after the fact, it's a		
6	rusting hulk. It's an eyesore. And yet we don't know		
7	the long-term plans of this piping.		
8	My dad had the nickname of "Clean Them Up		
9	Louie" and he earned it. There is no rusting farm		
10	equipment on his property. If the equipment was not		
11	used, it was fixed so it could be used, it was sold,		
12	it was taken to the metal scrap yard. You can't find		
13	anything rusting on the property. If there are dead		
14	trees, he was still taking down the trees when he was		
15	in his eighties to clean it up.		
16	But, yeah, I would say that he would be		
17	rolling around in his grave, such as it is, at even		
18	the concept that somebody else is going to destroy		
19	what he built. And it is a destruction. It's an		
20	insult to all his life work as a farmer and a		
21	conservationist.		
22	Okay.		
23	BOARD CHAIR HELLAND: Thank you.		
24	Do the parties have questions.		
25	Mr. Taylor.		

1	CROSS-EXAMINATION			
2	BY MR. TAYLOR:			
3	Q. Good morning. I'm Wally Taylor, and I			
4	represent the Sierra Club.			
5	It looks like your property there are			
6	three parcels; is that correct?			
7	A. Correct.			
8	Q. And it looks like and I think you			
9	mentioned this. That there are a number of terraces			
10	on the property?			
11	A. You can tell the difference between my			
12	father's property, or now ours, and the neighbors			
13	around. He has the most terraces. He has them in			
14	effective places. You don't find wash areas anymore.			
15	Because he studied his land and put in the terraces to			
16	keep the water from washing things out.			
17	I couldn't handle a hay wagon these days,			
18	but it would be a whole lot smoother.			
19	And, for the record, because of this			
20	eminent domain, he joined the Sierra Club two years			
21	ago.			
22	Q. Well, thank you. So is this designated			
23	highly erodible land?			
24	A. I'm sorry?			
25	Q. Is this designated highly erodible land?			

No, it's not. It was a matter of his 1 Α. 2 stewardship that he put in the terraces. 3 So there are no conservation measures 0. 4 required by the NRCS on the land? 5 I don't know if the wetlands CRP was a requirement or not. That was on the south border. 6 7 the very bottom of that. South of the highway 8 But that tended to be wet. So that's why 1.5 acres of it went into wetlands CRP. 9 10 Can you point out the CRP land on the map Q. with your pointer? 11 12 Α. Right in this neighborhood right here. 13 Literally the whole property. There's a strip. 14 So there's a strip all across the south end 0. 15 of that red area; correct? 16 Α. Correct. 17 That's CRP. Q. 18 That's what the renter told us, yes. Α. 19 And so the pipeline would cross that CRP Q. 20 land. 21 Α. Correct. 22 Do you know whether the pipeline, if it's 0. 23 installed, would adversely affect the property's 24 status as CRP? 25 Α. Honestly, I'm not aware of the rules. The

- 1 renter might know, but it's not something I've come
- 2 across yet.
- 3 Q. Has the renter been notified about Summit's
- 4 plans, do you know?
- 5 A. Yes. He was the one that was providing us
- 6 with some of the information. And he's uneasy about
- 7 that pipeline just like we are.
- 8 Q. But was he notified officially by either
- 9 Summit or the IUB?
- 10 A. Not that I'm aware of. And, for the
- 11 record, I got five notifications from IUB about a
- 12 month ago. None of the rest of the siblings that own
- 13 the property got anything for that. Okay.
- 14 Q. So what do you believe would be the impact,
- 15 if any, to those terraces if the pipeline is
- 16 constructed?
- 17 A. The terraces would be compromised. They
- 18 are set up to wrap around the hills and they're
- 19 reinforced so they don't wash out. There's a little
- 20 bit of curve inside the terrace to contain the water,
- 21 or at least slow it down, and, if they went through
- 22 the terraces, then the water goes through as well. So
- 23 they're going to compromise their own setup as well.
- Q. What would it take, do you think, to repair
- 25 those terraces, if anything, if the pipeline would go

_		
1	through	them?
_	CIII OUGI.	r crrem:

- 2 A. They would have to rebuild them. And it
- 3 would take years to reestablish the amount of packing
- 4 needed for the terrace below and for the horizontal
- 5 portion of it to be able to farm. And to get the
- 6 bromegrass reestablished and to try to keep the weeds
- 7 away.
- 8 So it's not an easy fix. It wasn't when it
- 9 was first set up, but it was a labor of love as far as
- 10 my dad was concerned. He did part of the work, and he
- 11 had a contractor that came in and did part of the
- 12 work.
- 13 O. You mentioned that there are some low areas
- 14 on your property and that that was a concern because
- 15 carbon dioxide is heavier than air.
- 16 A. Right.
- 17 Q. So where would those low spots be?
- 18 A. Where the pipeline looks to be, I would say
- 19 that's going to be like the low area per se. And so
- 20 it would -- if you think about a U-shaped chute, if
- 21 you will, that's surrounded by the rolling hills. So
- 22 the carbon dioxide would be in that U-shaped area.
- 23 Which, coincidently, the house on the west,
- 24 that would be at risk. Because it's only halfway up
- 25 the hill. Otherwise, it's kind of a dish, if you

- 1 will.
 - 2 So, if any carbon dioxide leaks occurred in
 - 3 that area, they would be the first ones to go.
 - 4 Q. Have you been provided with or are you
 - 5 aware of any dispersion modeling that would indicate
 - 6 how far the carbon dioxide would disperse if there
 - 7 were a break or a rupture in the pipe?
 - 8 A. I don't have any of that information.
 - 9 O. Is that something you'd like to have?
- 10 A. Yes. Because the chemist in me will look
- 11 at it and come up with an argument.
- 12 Q. In looking at the map, down toward the
- 13 southern portion of the red area and then kind of
- 14 going up diagonally northeasterly, there's a curvy
- 15 area --
- 16 A. Right there.
- 17 Q. No, the south part. Farther south. There
- 18 you go. Right there. It goes up into the green area,
- 19 kind of curves up to the northeast. It looks like it
- 20 might be a waterway or something?
- 21 A. It could well be. I'm thinking there's
- 22 some grass strips in that area as well to try and
- 23 buffer some of the waterway so that it will run off.
- 24 I know that he has gotten stuck more than a few times
- 25 in that area. Which is part of the reason why that

- wetland buffer strip was put into place. 1 2 And then scroll up -- no, Can you go back? I'm sorry, wrong direction. Let's go down. 3 4 The house right there, they frequently had 5 boggy areas right here as well. But that's not our --I don't believe that's our property at that point. 6 7 He's gotten more than a few vehicles stuck in that 8 neighborhood when he was doing help. 9 So there are a number of grass waterways on 0. 10 the property? 11 Α. In that area, I believe so. 12 Do you believe that those would be Q. 13 adversely impacted by the pipeline if it's installed? 14 If you're losing the drainage tile, that Α. 15 would be a yes. Because, if they're breaking through 16 it, they're not going to put them back together. Not 17 when there's a pipe in the way. 18 Drainage is critical. And there was a
 - 19 mention about restructuring some of the killage {sic},
 - 20 if you will. That will impact the soil conservation.
 - 21 The plans to make -- to lessen the effects of Iowa
 - 22 weather on the cropland.
 - Q. So there is drainage tile on the property?
 - 24 A. I'm sorry?
 - 25 Q. So there is drainage tile on the property.

- 1 A. All over the place, yeah. Especially -- I
- 2 know north of 44 along that northern parcel, right
- 3 there, in that area. It's a low area. The property
- 4 to the north of it has a hill that's draining into our
- 5 property.
- There was some discussion, shall we say, to
- 7 try and get the people on the northern property to put
- 8 in tiles and hook into our tile lines so that we can
- 9 keep the water from washing the hill away. More
- 10 specifically, our hill away. So, yeah, there was
- 11 concerns. And there's tile lines.
- 12 Q. The soil on your property, do you know what
- 13 kind of soil it is?
- 14 A. Some of the richest in Iowa. I don't know
- 15 the specific type. I do know that it has a very high
- 16 yield. It's been maintained or improved on for years.
- 17 But I don't know if there's a classification. It's
- 18 black dirt.
- 19 I don't know how good the topsoil is, but I
- 20 know that my dad has done his darnedest, and so has
- 21 the renter, to try and maintain the active life in the
- 22 topsoil. Here again, the ground cover, the no
- 23 tillage.
- 24 So, yeah, we have never had problems
- 25 getting a renter. And we've been blessed with the

- 1 renter that we have. Because he's a steward -- he
- 2 believes in stewardship of the land as well. And he
- 3 believes in leaving the land in at least as good if
- 4 not better shape than he got it.
- 5 Q. So, if the renter uses no till, would
- 6 digging through that land to bury a pipeline adversely
- 7 impact that no-till process?
- 8 A. Yes. Because you're going to be compacting
- 9 the soil. Somebody had talked about a garden. And,
- 10 if you till the soil and you plant your seeds, the
- 11 garden grows well. If you stomp down the rows between
- 12 the plants, things do not grow nearly as well.
- So, to compact the soil, that would cause
- 14 problems with the planting. And, if the planter has
- 15 to -- or the renter now has to try and offset this
- 16 compaction, he's going to have to put a lot of work
- 17 into it.
- 18 And, if ground is being removed, what comes
- 19 back isn't going to end up being the best on the top.
- 20 So that would impact what you have to grow with.
- 21 Q. Do you believe that if the pipeline were
- 22 installed, that that would diminish the fertility of
- 23 the land and the crop production?
- 24 A. It would adversely impact it. If nothing
- 25 else, just upsetting the topsoil would affect the

fertility. Compacting it will affect the fertility. 1 2 And, yeah, trying to farm around it, 3 because it isn't necessarily against our border, I 4 don't believe, would be a challenge. And do you 5 really want to drive a tractor -- and he uses big Big new ones. I don't know what color. 6 tractors. 7 But he'll go over the pipeline, he would have to, in order to farm the other part of the strip. 8 9 So do you think that if the pipeline were 0. 10 installed, that you would incur economic damages? 11 Α. Yes. 12 Can you enumerate those? Q. 13 If the fertility is being -- well, for Α. 14 starters, can you farm on the eminent domain area? 15 not, that would decrease the amount of rental area for 16 our renter. 17 Even if you can't -- even if you can farm 18 over it, now you're going over a pipe that has 19 poisonous gas on it with a big tractor. How many 20 concerns do you have to have there? Yeah. Do you go across it perpendicular to the pipeline? Do you try 21 22 and parallel it? 23 Yeah, it's not a good situation. 24 meant to be farmed. Not have a useless pipe through 25 it.

It looks like there's an east/west highway 1 0. 2 that goes right through your property; is that 3 correct? 4 Α. Highway 44, yep. If I remember right, one 5 description had called it 100th Street. Which that would imply not a lot of traffic. Highway 44 has a 6 7 lot of traffic. It's one of our main -- well, we don't have a lot of streets to work with. So that's a 8 9 major highway to get from point A to point B. 10 Has Summit indicated to you how they're Q. 11 going to cross that highway? 12 No. They have not. Α. 13 Is that a concern you have? 0. 14 At the moment, we haven't agreed to the Α. 15 eminent domain. I'm going to fight that, my family is going to fight that tooth and nail. But it is not 16 17 what is needed. Iowa ground should be used for 18 agriculture. 19 Does it concern me they don't have a plan? 20 It's just one of the many things they haven't Yes. 21 told us what their plan is. Mainly -- it would be a 22 It would be a major hassle for the people in concern. 23 Shelby County if Highway 44 ended up being shut down. 24 I don't know that they would be allowed to use the 25 culvert underneath the highway. Which I believe is

- 1 somewhere in that area of the pipeline.
- Q. Well, if there were a pipeline rupture or a
- 3 break, where would the emergency personnel have to
- 4 come from?
- 5 A. Harlan or Portsmouth would be the closest
- 6 ones. Both of those have volunteer rescue squads and
- 7 ambulances. But I think I mentioned earlier they
- 8 would have to have self-contained breathing apparatus
- 9 to even go in the area. And combustion engines will
- 10 fail as soon as they get into a carbon dioxide-rich
- 11 area.
- 12 So I would be very concerned for anybody
- 13 living in that area. Because carbon dioxide is denser
- 14 than air. It's going to be in the low areas.
- 15 I've been exposed to poisonous gas three
- 16 times in my life. It has not been pleasant any of
- 17 those times and I wouldn't wish it on anybody.
- 18 And carbon dioxide is probably going to be
- 19 the most challenging. You suffocate in it. And the
- 20 rescue people are crippled because they don't have
- 21 their usual means of transportation available.
- 22 Q. So how would they get in if their vehicles
- 23 don't work?
- 24 A. That's a good question. That would need to
- 25 be addressed by safety plans. Or looking at it and

- 1 saying it's not worth the risk.
- When I worked at a chemical plant, we made
- 3 ammonia, ammonia nitrate products, nitric acid, and,
- 4 importantly, urea, which uses carbon dioxide in the
- 5 chemical process. We also sold liquid carbon dioxide.
- 6 It wasn't a waste, it was a by-product, but it was a
- 7 marketable by-product. Hence why the pipeline does
- 8 not make sense.
- 9 Q. What conversations or dealings have you had
- 10 with any Summit representatives about signing an
- 11 easement?
- 12 A. Actually, I haven't spoken to a Summit
- 13 representative. They initially were contacting my
- 14 father. And the one person he talked to he pretty
- 15 much -- as soon as he found out she was from Summit,
- 16 he shut the door in her face. And then he started
- 17 posting signs about no solicitation, especially
- 18 Summit, and he has a sign at Hazel Road and Highway 44
- 19 that probably will not come down in gale force winds
- 20 he put it up that well. But pretty much saying Summit
- 21 is not welcome. No eminent domain.
- 22 My siblings have not talked to Summit
- 23 agents with the exception of my little brother. He
- 24 was an over-the-road trucker and he was bored and he
- 25 wanted to yank their chain. But, as soon as they

- 1 found out he didn't have any deciding votes, then they
- 2 left him alone.
- 3 But my dad was getting calls several times
- 4 a week. He learned to use voicemail, and every week
- 5 one of us would block the calls. Because he did not
- 6 want to have anything to do with Summit. Nor do we.
- 7 Q. So you've not had any conversations with a
- 8 Summit representative at all yourself.
- 9 A. Correct.
- 10 Q. And you've kind of covered it, but why have
- 11 you not signed an easement? Or why have you and your
- 12 siblings not signed an easement?
- 13 A. Because that is our property. It's been in
- 14 our family over a hundred years. The easement would
- 15 be a detriment to the farmland, to our heritage. It
- 16 will impact our -- yeah, it will impact our profits.
- 17 Quite literally. Because I don't see us gaining
- 18 anything. And the rules are all slated to Summit, and
- 19 Summit has not presented a clear enough picture.
- 20 There's a lack of transparency. And I don't trust
- 21 companies that aren't open with what they're about.
- MR. TAYLOR: Thank you. That's all the
- 23 questions I have.
- 24 THE WITNESS: Thank you.
- 25 BOARD CHAIR HELLAND: Thank you.

1	Ms. Gruenhagen.
2	MS. GRUENHAGEN: Thank you, Your Honor.
3	CROSS-EXAMINATION
4	BY MS. GRUENHAGEN:
5	Q. Kathy, I'm in this direction. But you can
6	still face the Board. It's fine.
7	BOARD CHAIR HELLAND: Either way.
8	BY MS. GRUENHAGEN:
9	Q. Whatever works best for you. My name is
10	Chris Gruenhagen, and I represent the Iowa Farm
11	Bureau. So I have a few questions for you as well
12	regarding your property as well as Summit's proposal
13	here.
14	Did you file any comments or objections in
15	the docket?
16	A. My little sister Margaret did. And it's
17	here. So I can give you that. But it's Margaret
18	Rosman. And the date would be August 16th.
19	Q. No, I think, if it's in the docket, we'll
20	have that. So thank you.
21	A. Okay.
22	Q. And, when you were describing your
23	property, you talked about some green space.
24	See, they have it. That's wonderful.
25	Is that the document that your sister

1	Marjorie
2	A. Margaret.
3	Q. Margaret. Sorry.
4	A. I don't think her name is on it. But, yes,
5	it's Margaret Rosman.
6	Q. Great. When you were describing your
7	property, you talked about some green space that was
8	on your property?
9	A. We have lots of windbreaks, but there is a
10	small green space
11	Q. I was wondering if you could identify where
12	it was exactly.
13	A. Okay. One of them would be against
14	Highway 44 in this neighborhood here. My dad had
15	tiled a lot of the drainage, but there's open water
16	there. Unless it's a drought. And he's got
17	grasslands around it.
18	And so it would be open for the deer that
19	he keeps saying he detests, the fox that keep digging
20	his terraces, and pheasants and whatever else might be
21	there.
22	There's also on the in this vicinity
23	here, that's where the wet
24	Q. The CRP is?
25	A. Right, the wet CRP is. And there's about
1	

- 1 1.5 acres committed. And I'm told that there's water
- 2 there when there's not a drought.
- 3 Q. So with the green space that's around
- 4 Highway 44, is that north or south of Highway 44?
- 5 A. North.
- 6 Q. So the CRP ground that you have in the
- 7 south part of the south parcel, do you have a contract
- 8 with FSA? Or did your dad have a contract with FSA
- 9 for that CRP?
- 10 A. I believe my dad has a contract. He gets a
- 11 payment every year. I believe that's meaning a
- 12 contract. He maintains it and they pay him a stipend
- 13 for it.
- 14 Q. Is some of that CRP, is that in the
- 15 vicinity of the proposed route or is it more on the
- 16 east side of the parcel?
- 17 A. It's going to be in the proposed route.
- 18 Q. And so, if that ground is disturbed and the
- 19 grass comes off of it, are you concerned about that
- 20 not meeting the requirements of that contract?
- 21 A. That would be a concern. We would have to
- 22 talk to the powers that be that make the rules. But,
- 23 yes, that is a concern. That's an income for our
- 24 farm.
- 25 Q. So, if FSA decided there was a violation of

- 1 those contract terms, would you want to be compensated
- 2 by Summit for any penalties FSA might assess?
- A. Yes. Because we didn't change the rules.
- 4 They did.
- 5 Q. I understand. You mentioned you have farm
- 6 tenants, or your dad had farm tenants, probably both,
- 7 on all three of those properties?
- 8 A. He has one renter for all three of those
- 9 properties.
- 10 Q. And how long has the renter rented those
- 11 properties?
- 12 A. Twenty-plus years he's been there. And we
- 13 have no problems with him being there another
- 14 twenty-plus years. And his next generation.
- 15 O. Did your dad, or have you, let Summit know
- 16 that there was a farm tenant on those properties?
- 17 A. Again, we haven't talked to anybody with
- 18 Summit.
- 19 O. So Summit wouldn't know that there was a
- 20 farm tenant then because you didn't disclose it.
- 21 A. Correct.
- 22 Q. You mentioned there was drainage tile in
- 23 all three of the properties?
- 24 A. I believe he has drainage tile anywhere it
- 25 was needed. So any of the low spaces. I know, for

- 1 sure, that it was north of Highway 44. Right probably
- 2 where the Summit pipeline is proposed. But it's been
- 3 there probably over 40 years. So we don't have any
- 4 maps.
- 5 Q. I was going to ask you if your dad kept
- 6 even a hand drawn map of where those tile lines might
- 7 be located?
- 8 A. We've looked. And we did not find
- 9 anything.
- 10 Q. If you do find a tile map, would you be
- 11 willing to share that with Summit so that they can
- 12 make sure that those tiles are repaired?
- 13 A. I'm hoping we won't have that discussion.
- 14 Q. You also mentioned when you were talking to
- 15 Chair Helland that you have fences all around these
- 16 properties.
- 17 A. Yes. In the wintertime, we have a cow-calf
- 18 herd that roam the different fields picking up the
- 19 dropped corn and dropping fertilizer. So, yeah, all
- 20 of those fences are intact. And, here again, soldier
- 21 straight.
- 22 He maintained those fences late eighties.
- 23 I don't know that -- I think, when he was 91, he put a
- 24 plank fence together for someone that was having
- 25 calves on his property. And plank fences are working

- 1 with hundred-pound boards, I want to say. He could do
- 2 miracles with Uni-Loaders.
- 3 And he was very proud and anal about those
- 4 fences. He's received requests for making fences for
- 5 others, but he goes, "Eighties? No, I'm going to make
- 6 my own fences."
- 7 Q. So he was very particular about his fences.
- 8 A. Very particular.
- 9 Q. Are all three of the parcels fenced off
- 10 separately?
- 11 A. Yes.
- 12 Q. Or are they fenced together?
- 13 A. They're fenced separately. Clearly, where
- 14 Highway 44 is, that separates the north section to
- 15 itself. But he has a series of fences, if I remember
- 16 correctly.
- 17 Q. So, if Summit was given approval to build
- 18 the pipeline, I assume you would want those fences to
- 19 be repaired or replaced?
- 20 A. Yes, to the same standards.
- 21 Q. Would you want a gate there so they can
- 22 access the easement without going onto another part of
- 23 the property?
- 24 A. I'm hoping they would never be on our
- 25 property, but, yes, they would need to put in their

25

Q.

own gate to minimize the area that they have access 1 2 for. 3 Here again, we've got active farmers. 4 know, an active farmer. We have cow-calves in the 5 wintertime. And they need to respect boundaries. Is this land enrolled in any federal farm 6 Q. 7 programs? Other than the CRP in the southern portion? 8 That is the only one we're aware of at this Α. 9 time. 10 Do you know if your tenant has enrolled the Q. 11 farms in crop insurance? In the crop insurance 12 program? 13 Α. He has crop insurance. 14 So, as a part of crop insurance, they would 0. 15 be required to be in conservation compliance with your 16 properties as well as not swampbusting? 17 Α. I'm not familiar with the terms, but I also 18 know the renter respected my dad. And he maintained 19 the same standards as my dad. 20 Sounds like you have a good tenant. Q. 21 We can't find a better one. Α. 22 Have you reviewed the Exhibit H? The Q. 23 exhibit that talks about your properties? 24 Α. Actually, I didn't receive one.

Would someone else in your family have

1	received that?
2	A. Not that we're aware of, no.
3	Q. Did you receive a mailing of notice of this
4	meeting?
5	A. The tri-fold blue? Yes. I received every
6	copy of that meeting and then I distributed them to
7	two of my sisters that are local.
8	Q. So the black and white tri-fold, is that
9	what you're talking about?
10	A. It had blue covers and then inside it was
11	black print on white.
12	Q. So would this (indicating) have been
13	included in there? Did you review those papers?
14	A. I have seen that. And, for the record, my
15	little brother hasn't lived in Harlan for almost 30
16	years. And my sister Jean hasn't lived in Arlington,
17	Nebraska, for five.
18	Q. So the addresses are wrong.
19	A. Yes, they are.
20	Q. So James is your brother?
21	A. James is my brother. He's the
22	over-the-road trucker.
23	MS. GRUENHAGEN: Go ahead and scroll down,
24	I think, to page 3.
25	

D37 MG

т —	ВI	MD.	GRUENHAGEN:	

- 2 Q. Have you read through the proposed easement
- 3 that Summit is requesting if the property were to go
- 4 to eminent domain?
- 5 A. Skimmed through it. I also reviewed it
- 6 during part of these proceedings. What scares me is
- 7 that I don't trust any of it.
- 8 Q. So do you have some concerns about the
- 9 easement?
- 10 A. Well, you've got a pipeline that can vary
- 11 in size not to exceed 24 inches in normal diameter. A
- 12 quick review, I'm not -- okay. An easement of 50 feet
- in width in, over, and across. Okay. Is that 50 feet
- 14 written in stone? I've heard that just because the
- 15 pipeline is sketched a certain way on a map that
- 16 doesn't mean that's the actual route. It can change.
- 17 Q. So would you want the easement to
- 18 specifically refer to where that easement will be
- 19 located on your property?
- 20 A. I don't want the easement on my property --
- 21 O. I understand.
- 22 A. -- but it should be written in stone. So
- 23 that we can make plans. Yeah, if I'm going to plant a
- 24 garden, my husband expects me to map out where it's
- 25 going to go. These guys are going to do a lot more

- 1 damage. And they're going to need to figure out how
- 2 to fix my terraces and tiling. So they can't be
- 3 willy-nilly about where they're going to put the
- 4 pipeline.
- 5 O. So, if this permit application is approved,
- 6 would you want the opportunity to discuss a volunteer
- 7 easement with Summit prior to going to eminent domain
- 8 procedures?
- 9 A. I would -- we would probably be in a
- 10 lawsuit at that point. We really do not want eminent
- 11 domain. And there are so many violations in this it's
- 12 not funny.
- 13 Q. I'm going to ask you a few questions
- 14 regarding what you might like to see in the easement.
- 15 This is something that the Board is going to be
- 16 reviewing as a part of their consideration of the
- 17 application.
- 18 Would you want Summit to follow ag land
- 19 restoration rules if they ever have to go in to repair
- 20 or replace a pipe?
- 21 A. As in returning it back to what it was?
- 22 Q. Yes.
- 23 A. Yes.
- Q. If they wanted to move the easement to a
- 25 different part of your property, would you want them

1 to be required to get a new easement? 2 Α. Yes. 3 Do you want to be able to enter into the 0. 4 easement area when Summit is not in active 5 construction at that property? If the project is 6 approved? 7 Α. Yes. But, here again, I don't want them on 8 the property. 9 I understand. 0. 10 And if/when that pipeline is no longer in Α. use, I want the land to be restored to what it was. 11 12 Q. So you would want the option to have Summit 13 remove the pipe? 14 Remove the pipe and restore it to what it 15 If -- well, we had a building in Harlan where one tenant moved out, and they were required to 16 17 restore that building or return it to its original 18 dimensions, design, et cetera. 19 I don't think that's too much to ask for 20 the pipeline to do the same. Here again, we're talking about a property that does not have rusty 21 22 equipment sitting around. If a pipeline is left there 23 unattended, it breaks down, that's an accident waiting 24 to happen. 25 And -- yeah, they can take the pipeline out

- 1 and sell it for scrap, I don't care, but they need to
- 2 restore the property to its original intention.
- Q. Did you research what size pipe -- or do
- 4 you know what size pipe Summit is proposing for the
- 5 proposed route across your properties?
- 6 A. I believe it's 8 inches.
- 7 Q. Would you want the Board in its order to
- 8 limit that size pipe in your easement to the 8 inches?
- 9 A. Yes.
- 10 Q. And, if they wanted to increase the size,
- 11 would you want them to be allowed to do that within
- 12 that easement or be restricted?
- 13 A. If it's already limited, how can they
- 14 increase it.
- 15 O. And would you like Summit to consult with
- 16 you if they need to change the grade of the land
- 17 during or after construction?
- 18 A. They shouldn't be messing with the grade of
- 19 the land. They're already messing with the terraces.
- 20 Depending on where they're at, they're going to have a
- 21 fairly flat area to work with for what we got. That
- 22 ground has been set up for maximizing soil
- 23 conservation.
- So now we're going to let somebody who
- 25 doesn't care about the land change the grade? That's

1	obscene.
2	MS. GRUENHAGEN: I think that's all the
3	questions I have.
4	THE WITNESS: Thank you.
5	BOARD CHAIR HELLAND: Thank you.
6	Ms. Ryon.
7	MS. RYON: Thank you.
8	CROSS-EXAMINATION
9	BY MS. RYON:
10	Q. Good morning, Ms. Byars. I'll be very
11	quick so you can get done with this.
12	You've talked a few times about the tenant
13	who farms the land. Do you think that tenant has
14	information that would be helpful for the Utilities
15	Board to have when it makes a decision?
16	A. Actually, he gave us a lot of information.
17	So I would say that we're good. He doesn't have
18	anything else to offer.
19	MS. RYON: All right. Well, I appreciate
20	that. Thank you.
21	THE WITNESS: And we tried to find out if
22	he knew anything about the tiling lines, and it was a
23	no. They were put in before he started renting. He's
24	been renting over 20 years.
25	MS. RYON: Thank you. That's all I had for

1	you.
2	BOARD CHAIR HELLAND: Mr. Williams.
3	MR. WILLIAMS: Thank you.
4	CROSS-EXAMINATION
5	BY MR. WILLIAMS:
6	Q. With the easement agreement, is there any
7	terms that you find acceptable in terms of the scope
8	that they can vary from their original proposal to
9	you?
10	A. Summit hasn't proven that there's a need to
11	dump carbon dioxide in a hole. Not as far as I'm
12	concerned. And that's from a chemical engineering
13	standpoint and a chemistry standpoint.
14	Carbon dioxide is not a waste. And I don't
15	think Summit has made any promises about how they are
16	going to keep that liquid carbon dioxide that has to
17	be maintained by high pressures intact for 20, 30, 40,
18	50 years.
19	Q. Thank you. That testimony, combined with
20	the fact that they seek to impose restrictions on the
21	use of your land as well as give them the rights to
22	perform certain tasks on your land when it comes to
23	installing a pipeline to further their ends, do you
24	find that to be putting a lot of risk on you with
25	little to no benefit?

Because if something happens to the 1 Α. Yes. 2 pipeline, let's say there's a leak, God forbid, 3 everybody's at risk. We don't know if the first 4 responders can rescue the people at risk, we don't 5 know how fast the response time is for Summit to figure out there is a problem, we don't know where the 6 7 valves are to shut things off. And, even if you shut off the valve, you're 8 9 still going to have carbon dioxide streaming through 10 that leak until the pressure equalizes inside the pipe 11 and outside the pipe. 12 So, yes, there's concerns. 13 And, even if they stop using the pipe 10, 14 20 years from now, they have a lifetime as what are 15 they going to do with it. And maybe that's what I'm fearful of. What are they going to do with it. 16 17 So, yes, they have all the gain and a lot 18 less liabilities than we do. And financially we're 19 going to be impacted. 20 As you sit here today, is there anything Q. that Summit could offer you in terms of easement terms 21 22 that would shift the balance more in your favor and 23 against theirs? 24 Α. No. 25 And, in reality, whatever damage they may Q.

cause to your property, that could potentially extend 1 2 beyond whatever they've agreed to in their easement to 3 provide for coverage in terms of financial 4 compensation; correct? 5 Correct. And it's -- like crop damage. 6 You know, three years. Does that three years start after the pipeline is done or when the construction 7 8 starts? 9 I've heard testimony from a couple of Ο. 10 individuals, one of which yesterday evening was from Shelby County, and there were others, that said 11 12 several years to potentially forever you're never 13 going to be able to have the land be the same way. 14 Are you somewhere along that range? 15 Α. I'm somewhere along that range. If you start to think about they dig a strip to put the 16 17 pipeline in. Where does the topsoil go? Are they 18 having a separate pile? Or are they going to have a 19 pile that also includes the clay on the bottom? 20 And then they're going to put it back over the pipeline. Are they putting the richest part of 21 22 the soil over the top so that it's farmable? My guess 23 is not. Because most contractors are not worried 24 about growing crops. They're worried about making 25 sure everything is compacted around the pipe for

- They're going to put however many layers 1 stability. 2 of dirt they need to on top for safety or to make sure 3 things can drive over it. But, again, they're 4 compacting it. And less worries about the farmers, 5 less worry about crop raising. Thank you. And you touched on this a 6 Q. 7 little bit in regards to your comments on emergency 8 services, but, given your knowledge about CO2, that 9 it's an odorless substance, lays low to the ground, 10 based on the map, and I believe the measurements that you provided very early on, or that the Board provided 11 12 very early on, do you think you and your neighbors 13 have any chance of escaping a plume from a rupture? 14 That --Α. 15 BOARD CHAIR HELLAND: Excuse me. Mr. Williams, I believe while you were gone 16 17 she answered that question or an extremely close 18 derivative. Let's try to come up with unique 19 questions within the scope that are helpful to the 20 purpose of bringing the landowners in today, please. 21 You're welcome to go ahead and answer that, 22 Ms. Byars.
- 23 A. I was going to say it can't be emphasized 24 enough about safety. So the house, that acreage to 25 the west that's only partway up the hill, they would

- 1 be the first ones at risk on our immediate area.
- The two houses that we own, the farmhouse
- 3 and then -- we call it the 80, but it's the house
- 4 south of 44, they aren't quite as at risk just because
- 5 they're more on the high level of the ground. But how
- 6 much carbon dioxide does it take to blanket areas?
- 7 So, yeah, there's a risk there.
- 8 And I haven't seen anything of how they're
- 9 going to mitigate it, monitor pressure in the piping,
- 10 how fast is the response time again. And, even if you
- 11 flip a switch, the carbon dioxide is going to be
- 12 draining out of that pipe until the pressure inside
- 13 the pipe matches the pressure outside the pipe.
- 14 For 1 liter of the carbon dioxide at 1,200
- 15 psi, that expands to 80 liters at 15 psi. Which would
- 16 be atmospheric pressure. So that's a concern.
- 17 BY MR. WILLIAMS:
- 18 Q. And, based on your testimony today and your
- 19 personal knowledge regarding CO2, do you believe that
- 20 this pipeline route, as it relates to your property
- 21 and the seven counties that it covers between the two
- 22 connection points, is a public necessity or a public
- 23 convenience?
- 24 A. It is not a public necessity nor a
- 25 convenience. It puts everybody at risk.

1	MR. WILLIAMS: Thank you. No further
2	questions.
3	BOARD CHAIR HELLAND: Thank you.
4	Are there questions from the Board?
5	BOARD MEMBER MARTZ: I have a statement.
6	We've heard a lot of the same questions multiple times
7	from the attorneys. I'd really like to keep it more
8	efficient and use everybody's time efficiently. So,
9	if there's a question that's already been asked,
10	please refrain from asking it again.
11	BOARD CHAIR HELLAND: Okay. Ms. Byars,
12	thank you. I'm sure you have a long drive home today.
13	We appreciate you taking the time and wish you well.
14	THE WITNESS: I've got one sister that
15	texted me at 3:20 this morning. "Here are some more
16	comments." Thank you.
17	BOARD CHAIR HELLAND: We're going to take a
18	15-minute break. We will be back at 11:46 sharp to
19	begin testimony from Amiee or Brian Krogh. So we'll
20	figure out which one. And we'll address lunch as soon
21	as we're back in 15 minutes.
22	We'll go off the record.
23	(Recess taken at 11:31 a.m.)
24	(Hearing resumed at 11:48 a.m.)
25	BOARD CHAIR HELLAND: Okay. We will go

1	ahead and go back on the record.
2	We will be calling Amiee or Brian Krogh
3	first.
4	Krogh? Thank you. Come on up.
5	While she's walking up here, just some
6	housekeeping. We will go through this witness, we
7	will take a short 45-minute lunch. It's unfortunate,
8	but it needs to be 45 minutes. We have a hard stop at
9	5 today. We don't have this building after 5.
10	There's an event this weekend. They have to tear down
11	and have an event.
12	It would be exceptionally frustrating if
13	the landowners who traveled here today had to travel
14	back because of redundant, out-of-scope questions.
15	So, once again, we're going to ask the
16	attorneys to rein it in and use your time later in the
17	hearing to make your arguments.
18	MS. RYON: Your Honor?
19	BOARD CHAIR HELLAND: If you must.
20	MS. RYON: Thank you. Before we begin with
21	Ms. Krogh, I wanted to inform you that Ms. Krogh has
22	engaged me for the limited purpose of representing her
23	and preserving her rights during her testimony here
24	today.
25	BOARD CHAIR HELLAND: Thank you. And I

1	might add it's noticed that your questions are narrow
2	and in scope and appreciated.
3	Good morning.
4	MS. KROGH: Good morning.
5	BOARD CHAIR HELLAND: Are you ready?
6	MS. KROGH: Yep.
7	AMIEE KROGH,
8	called as a witness, being first duly sworn by Board
9	Chair Helland, was examined and testified as follows:
10	BOARD CHAIR HELLAND: I'm sorry. Let's do
11	that over. Because I did it wrong. We'll get it
12	down.
13	Go ahead and raise your right hand.
14	AMIEE KROGH,
15	called as a witness, being first duly sworn by Board
16	Chair Helland, was examined and testified as follows:
17	BOARD CHAIR HELLAND: Thank you. Please
18	state and spell your name and provide your address for
19	the record.
20	THE WITNESS: Sure. My name is Amiee
21	Krogh. And it's A-m-i-e-e K-r-o-g-h. And my address
22	is 2381 Port Neal Road, Sergeant Bluff, Iowa 51054.
23	BOARD CHAIR HELLAND: Okay. And are the
24	properties that we're addressing today in Woodbury?
25	THE WITNESS: Yes.
1	

1	BOARD CHAIR HELLAND: Thank you. And we
2	labeled them H-WO-030 and 044. Would you prefer us
3	refer to them as something else that would be easier
4	for you?
5	THE WITNESS: I think that's as good as
6	anything. We call it the Baker farm, but that's just
7	because of the heritage of it.
8	BOARD CHAIR HELLAND: I get it. We can
9	call it the Baker farm.
10	Can you please describe the current usage
11	and potential future usage of the Baker farm.
12	THE WITNESS: The entire farm is farmed by
13	my husband and our family. It's been farmed by our
14	family for over 150 years. It is currently the oldest
15	heritage farm in Woodbury County. We've farmed it
16	since 1864.
17	So that's, I guess, the piece if you're
18	looking at the map, it would be on the west side. All
19	of that yeah, that area right there.
20	That, like I said, has been contiguous
21	since 1864. Along with this other triangular section.
22	I have no idea why way back in 1864 they took that
23	side. Obviously the road must have came in
24	afterwards, but it's been that section since 1864.
25	And, as far as what its purpose is, it is

1	row crop. That is what it is. It is corn and
2	soybean.
3	We do run a cow-calf operation, so we do
4	graze it off in the fall. But it is not like a it
5	is not an alfalfa or hay ground or anything like that.
6	It is strictly a row crop.
7	To the east of 75, that triangular piece,
8	the future part of it I'm actually in the process
9	of working with the SBA to file paperwork to make part
10	of that triangular right where the pipeline goes on
11	the corner of 235th and Highway 75, to put in a
12	storage facility. That's
13	BOARD CHAIR HELLAND: Hold on real quick.
14	Is she going too
15	THE WITNESS: Am I going too fast?
16	BOARD CHAIR HELLAND: Maybe slow down just
17	a touch.
18	THE WITNESS: Okay. I can do that.
19	BOARD CHAIR HELLAND: I got scolded the
20	first day.
21	THE WITNESS: So the corner where 235th and
22	Highway 75 that area in particular right there, I'm
23	in the process of filing paperwork for a 701(c) loan
24	through the SBA to actually put in a
25	climate-controlled storage facility. If this pipeline

1 goes through, I can't do that. 2 BOARD CHAIR HELLAND: Focusing on the storage facility real quickly. Beyond the 701(c) 3 loan, have you procured equipment or signed contracts 4 5 or --I have not. I have met and 6 THE WITNESS: 7 spoken with the county supervisors, because I will 8 have to do some zoning for that. Because it's zoned 9 agricultural right now. So, to put something into 10 there, I would have to change the zoning. 11 BOARD CHAIR HELLAND: Have you begun the 12 zoning process? 13 THE WITNESS: I have not. I have only had 14 preliminary discussions with the county supervisors 15 about the process to do so. 16 BOARD CHAIR HELLAND: Can you just 17 quickly -- not quickly, take your time, describe the 18 business, the goal. 19 The goal is -- that corner THE WITNESS: 20 of -- like I said, that portion of the 18 acres -- I told my husband, "It's my turn. I'm going to take 21 22 part of the farm and do what I want with it." 23 So that corner of the farm, the plan in the 24 future is to put storage facilities for like RVs, 25 motor homes. Climate-controlled ones. You know, to

1	put two or three buildings in that space. That's my
2	retirement plan. Is storage facilities.
3	BOARD CHAIR HELLAND: And how big would the
4	storage facility parcel be? The entire corner?
5	THE WITNESS: Well, that whole piece is
6	18 acres on the east side of 75. And, potentially,
7	he's told me that I can fill the whole thing. That's
8	basically mine to play with.
9	BOARD CHAIR HELLAND: Great. So I just
10	wanted to clarify. It's a
11	THE WITNESS: My goal potentially, it
12	could be that whole side of 75.
13	BOARD CHAIR HELLAND: So when you said
14	"triangle," you meant the whole property, not the
15	triangle
16	THE WITNESS: No.
17	BOARD CHAIR HELLAND: that is created by
18	the proposed pipeline.
19	THE WITNESS: No. The whole property.
20	BOARD CHAIR HELLAND: Thank you. That's
21	helpful.
22	The two lines that slash from due north to
23	southeast, you said one is a road. What's the
24	structure right next to it?
25	THE WITNESS: That's railroad. That's a

1	railroad. So, in order for the pipeline to go
2	through, they've we had a situation where they came
3	out and unlawfully went out and drove through our
4	field and did bore testing on our property.
5	BOARD CHAIR HELLAND: I'm sorry. "They"?
6	THE WITNESS: Carbon Summit.
7	BOARD CHAIR HELLAND: Summit. Okay. I
8	didn't know if you meant them or the railroad. I was
9	just clarifying.
10	THE WITNESS: Summit came out and did this.
11	And so the people that came out there that
12	did the core drilling, when my husband and the sheriff
13	met them out there, they said that they had full plans
14	that they were going to bore underneath of the
15	railroad, they're going to have to bore under
16	Highway 75.
17	And then, again, that street that is
18	just on the triangular piece up to the north, you
19	see a county road that heads back east that crosses
20	over there. They're going to have to bore underneath
21	that road. That's 235th Street.
22	That's what they told us their plans were.
23	BOARD CHAIR HELLAND: In terms of the SBA
24	loan, the 701(c), you said you've begun that process.
25	THE WITNESS: Uh-huh.

1	BOARD CHAIR HELLAND: Is the property
2	ineligible for a 701(c) if there is a pipeline beneath
3	it?
4	THE WITNESS: I've been told that if
5	there's a pipeline underneath it, I can't build a
6	structure on it. Right? So I would have to obviously
7	avoid wherever they put the pipeline to put it on.
8	They have not told me the SBA has not
9	disqualified my loan because of that, but I honestly
10	haven't disclosed that there's going to be a pipeline
11	going through it because I don't want a pipeline going
12	through it.
13	BOARD CHAIR HELLAND: Sure. So it's the
14	presence of the structure above and the easement
15	that's not making you ineligible for a 701(c).
16	THE WITNESS: Not at this time, no. If
17	there is an easement put in place, I'm sure that
18	that's going to have a different output.
19	The other thing I would note is to the
20	north of 235th it's not my property, but that
21	little jaunt of where the pipeline is going through,
22	and then you see it going further north, that's the
23	Ivener farm, and they're currently in the process of
24	subdividing that for residential development. So
25	that's happening now.

1	BOARD CHAIR HELLAND: Okay. Thank you.
2	And I appreciate that information absolutely. We'll
3	focus on your parcel right now. But that's good to
4	know.
5	So, on your parcel, other than the railroad
6	right-of-way, are there any other transmission lines,
7	gas lines, tile, buried infrastructure?
8	THE WITNESS: There's not tile, but there
9	are four easements on the property. Throughout there,
10	there is one with U.S. Sprint Communications, AT&T,
11	Lumen Technologies, which used to be Northwestern
12	Bell, and then MidAmerican Energy. It was originally
13	filed as Iowa Public Power back in the day, but now
14	it's MidAmerican Energy. Because there's power
15	transmission lines that go over the area.
16	Where they're talking about putting the
17	white line of the pipeline, they're going to be
18	interfering with MidAmerican power poles. So I don't
19	know who is moving those.
20	BOARD CHAIR HELLAND: It doesn't appear at
21	this point there are buildings and structures on the
22	property?
23	THE WITNESS: No. There is not. But
24	within I was just going over it. Within the half
25	mile from here, or less than a mile to the north, my

25

mother-in-law is there. You can see that, like -- I 1 2 dont know if I can make this thing work. Yeah, 3 like -- I'm not good with the pointer. But up to the 4 left -- go down further. Down further. Right there. 5 That's my mother-in-law's house. Right there. And then you can see in another red area, 6 7 that's Godbersens' property. They live there. 8 So we don't have structures, but, within 9 half a mile, there are structures. 10 BOARD CHAIR HELLAND: It looks like at 11 least six, seven, eight acreages within a half mile? 12 Okay. So, other than the railroad and 13 MidAm, unless MidAm is in the right-of-way, are there 14 any other third-party easements on the property? 15 THE WITNESS: Telecommunications. Like I said, U.S. Sprint and AT&T. They're on the east side 16 17 of 75. The triangular piece, as I call it. There is 18 fiber lines. 19 BOARD CHAIR HELLAND: Are there any other 20 features or conditions that might not be readily apparent and that might affect, or be affected, by the 21 22 proposed project? 23 THE WITNESS: Other than it's just farm ground. You know, it's loam soil. It's some of the 24

best soil in Woodbury County. It has a 200-bushel

It's some of the best in the county. 1 rating. 2 So, when they go to disturb this, we're 3 going to have a mess. It's going to take at least ten 4 years for it to be put back to its -- you know, the 5 compaction. You've heard it from multiple other people here this morning. 6 7 But structures, there's no -- we don't have tiling or there's not a waterway or no CRP on it. 8 9 It's farm ground. 10 BOARD CHAIR HELLAND: Can you describe any 11 specific concerns you may have or any recommendation 12 to the Board to address your concerns? 13 THE WITNESS: It's the same concerns that 14 everybody has had here this morning. I mean, it's 15 farm ground. It's been in our family for over 150 It's literally the oldest farm in Woodbury 16 years. 17 County, documented, that's still family owned. It's 18 our ground. 19 I was a little concerned earlier when you 20 spoke and you said that non-intervenor landowners necessarily were just witnesses, that we didn't really 21 22 have rights. I have rights to this. My family has 23 owned this for 150 years. 24 So that's my problem with this. We don't 25 want -- my son is in college right now for ag business

- 1 and animal science so that he can come home and farm
- 2 this ground. He's going to be the sixth generation
- 3 farming this ground.
- 4 You take that farm ground away, you give
- 5 this easement to them, that's a problem. It's not
- 6 theirs to take. It's not yours to let them take.
- 7 It's ours. It's been there for 150 years. I
- 8 shouldn't be here today fighting -- or having this
- 9 discussion with you. It's our ground.
- 10 How would you guys feel if we came to you
- 11 and said, "We're going to take your house." Or we're
- 12 going to condemn it. Or we're going to take away your
- 13 livelihood. That's my concern.
- 14 It's my home. It's my farm. Five
- 15 generations back I've farmed this ground. That's a
- 16 problem.
- 17 BOARD CHAIR HELLAND: Do you recommend an
- 18 alternative route for the proposed line, and, if so,
- 19 can you describe that route and the theoretical
- 20 advantages or disadvantages?
- 21 THE WITNESS: No. I don't have an
- 22 alternative for them.
- 23 BOARD CHAIR HELLAND: Thank you.
- 24 Do the parties have questions for
- 25 Ms. Krogh?

1	Wally. Go ahead. Sorry. Mr. Taylor.
2	MR. TAYLOR: That's fine. We'll know each
3	other pretty well by the time this is over.
4	BOARD CHAIR HELLAND: Yes, we will.
5	CROSS-EXAMINATION
6	BY MR. TAYLOR:
7	Q. Ma'am, my name is Wally Taylor. I
8	represent the Sierra Club.
9	This SBA loan, I wasn't quite sure how far
10	along you were with that process.
11	A. We've just started the application process.
12	Q. But you do absolutely intend
13	A. Absolutely.
14	Q to do this.
15	A. Yes. For this section.
16	Q. So it's not just kind of a hypothetical
17	"maybe sometime in the future" thing.
18	A. No.
19	Q. The farm ground. You grow corn and beans
20	on there.
21	A. Uh-huh.
22	Q. And what do you believe would be the impact
23	of that farm ground if the pipeline is installed?
24	A. I'm not the farmer in the family, my
25	husband is the farmer in the family, but I will tell
1	

- 1 you he believes that once this is compacted, once the
- 2 damage is done, at a minimum it is 10 to 12 years
- 3 before it is in the usable state that it is today.
- 4 And more than likely it will never be the same.
- 5 You're talking about erosion, you're
- 6 talking about ruts. My family, my husband, does a
- 7 minimal tilling operation. We don't do a full-on
- 8 till, chop it up every -- he's not out there chisel
- 9 plowing it every -- he just doesn't do that. And
- 10 that's why we have some of the best crops in the area.
- 11 And so now this section, going straight
- 12 across the heart of the farm, is basically going to be
- 13 at a loss for us. And like what you've heard
- 14 everybody else say, they have the right to sell it to
- 15 whoever. It's not theirs to have.
- 16 Q. And the pipeline does go right across the
- 17 middle --
- 18 A. Right through the center of it. And we
- 19 own -- it's not in the pipeline, but we own all the
- 20 way to the north and we own to the south. So it's
- 21 literally just going through a section. I mean,
- 22 it's --
- 23 O. Sorry. Go ahead.
- 24 A. The green areas that's not affected up
- 25 there to the north of them, that's our farm too. You

- Those are our farms. 1 see up there? 2 And you say you use no till? Q. 3 Α. Yes. 4 Does that present any special problems in Q. 5 terms of the pipeline going through there? My husband would obviously have to -- you 6 Α. 7 know, that particular area, it's going to be 8 compacted. So now he's going to have to do things 9 like tillage. Heavy tillage. 10 It's not that he does a completely no till. 11 It's minimal. He does not go out in the fall and rip 12 it and chisel it up. You know, you obviously disk it
- But, in that particular area, now he's

up before you plant it. Those kinds of minimal

- 16 going to have to implement other measures for it to be
- 17 usable.

13

14

- 18 Q. You said there were MidAmerican power lines
- 19 through there?

things.

- 20 A. Yes. There's MidAmerican power lines.
- 21 They run parallel to the railway that they're going to
- 22 have to cross by Highway 75. And there are power
- 23 poles -- I don't know exactly where they're located,
- 24 but there are large utility power poles also.
- 25 Q. So are they transmission lines rather than

- 1 distribution lines or do you know?
- 2 A. They're the very large transmission -- like
- 3 huge ones. Because it leads back into CF Industries.
- 4 Which is further west towards the river.
- 5 O. So how far are you from CF Industries?
- 6 A. I would say less than four or five miles.
- 7 It's on the other side of the interstate. This is on
- 8 the -- what would be the east side of the interstate.
- 9 On the west side of the interstate is CF Industries
- 10 close to the Missouri River.
- 11 Q. That's Interstate 29?
- 12 A. Yes.
- 13 Q. And the power poles are on that triangular
- 14 area; is that correct?
- 15 A. No, they're -- there's power lines -- the
- 16 main power lines are on what would be the west side of
- 17 Highway 75. They run parallel by the railroad.
- 18 That's the railroad there. That two lines that run
- 19 parallel to each other.
- 20 Q. Did you indicate that you thought the
- 21 pipeline might impact those power lines or vice versa?
- 22 A. I'm not sure. They're going to have to go
- 23 underneath where they are. I mean, obviously
- 24 MidAmerican has an easement for a reason for those
- 25 power poles there.

I know they're definitely going to have to 1 2 deal with the railroad. Because they're going to bore 3 right under the railroad. And they're going to bore 4 right under Highway 75. So they're going to have to 5 deal with both of those areas. If anybody knows the railroad, that's not 6 7 fun to deal with them. 8 Are you concerned about a breakage or a 0. 9 rupture in the pipeline? 10 Absolutely. You saw where my mother-in-law Α. 11 lives. We live -- this property is one mile from Sergeant Bluff city limits. They don't have a regular 12 13 fire department. They have a volunteer fire 14 department. Same as everybody else has talked up 15 here. We would depend on Sergeant Bluff and 16 17 Salix, which, again, is a volunteer fire 18 department/rescue service, to come up and help. 19 There's five houses -- when you zoom out, 20 you're going to see various houses in that area. 21 There's five acreages in that area. You see 22 Godbersens up there, my mother-in-law is up there, you 23 see the other Godbersen farm to the south. 24 sister-in-law lives just to the north of this on the 25 east side. That triangular piece, that's

- sister-in-law. 1 2 So, yeah, if this thing goes, we're going 3 to have a problem. Honestly, I'm a little worried 4 about -- if this thing were to go and where it heads 5 back west across I-29, on the other side -- it doesn't have anything to do with this part where I am, but 6 7 head back west where it comes in, it's going right by 8 CF Industries. If this thing blows, that thing blows, 9 you can say good-bye to Sergeant Bluff. The whole 10 town. 11 Has Summit given you any information about Q. the zone of risk, so to speak? 12 13 Α. I find it very interesting that when the 14 folks that approached us, their agents that came out 15 and started giving us offers over the last two years,
- 16 it was wonderful, it was not going to hurt anything,
- 17 it was going to be buried.
- We've had anything from 8-inch pipe,
- 19 12-inch pipe, 16-inch pipe. I think on that map you
- 20 showed earlier that flashed up, it said Woodbury
- 21 County, in our area, it was a 12-inch pipe. The
- 22 paperwork that I have from them says 16. Started off
- 23 at 8, went to 16, what have you.
- So, yeah, there's problems all over this.
- 25 Q. You talked about your conversations with

1 some land agents. 2 Α. Uh-huh. 3 How often have you talked to any Summit 0. 4 land agents? 5 Α. We've talked to three. They've switched. We're now on the third one. The last one we talked to 6 was in September of 2022. 7 8 Can you describe those conversations? Q. 9 The first conversations that we had with Α. 10 them probably back in 2021 were not, I guess, 11 fruitful, as you would say. My husband met them at 12 the entrance to our place and asked them to leave. 13 We ended up having conversations with them 14 over -- the last two, over the last two years. Every 15 time they come it's a different story. It's more 16 money, less money. Like I said, we've had three 17 different sizes of pipe. 18 I will tell you that when I received the 19 paperwork of these proceedings, which was in July of this year, I reached back out to the latest agent and 20 I said, "What gives?" 21 22 And he said that he had been instructed by 23 Carbon Summit to no longer talk to us, they were being 24 called back into their field office, and that he 25 couldn't talk to me anymore.

And that's the last communications I've had 1 2 with them. 3 And that was how long ago? Q. 4 That was a matter of about three weeks ago. Α. 5 0. But you tried to reach out to Summit. I tried to reach out to their agent. Not 6 Α. 7 to Summit. Right. They have third-party agents that 8 It's not actually Summit Carbon people that come out. 9 come out. 10 So how did you feel about the Q. Sure. efforts that Summit made to either talk to you or not 11 12 talk to you? 13 Well, quite honestly, it ticked us off when Α. 14 they came out and were doing core samples without 15 permission. They literally drove through our farm. I want to say, for the record, that after 16 17 we involved the authorities, they did pay us for 18 damages for what they did. They literally drove 19 through our cornfield and went out there and did 20 sampling. 21 So we did receive -- I can't remember the 22 exact amount. It was less than \$10,000 for the damage 23 they did. 24 So the communication really kind of sucks. 25 Honestly.

What kind of damage did they do when they 1 0. 2 surveyed? 3 Α. They took ATVs and drove out through the 4 cornfield. And they cut a fence, and they drove 5 through the fence. Was there any corn in the field at that 6 Q. time? 7 8 Α. Yes. There was. 9 What did it do to the corn? 0. 10 They drove over it. Α. 11 I assume that corn was --**Q.** It was in June. It was well before harvest 12 Α. 13 They literally drove over the field. Cut the 14 fence, took their ATVs and drove in and did core 15 samples. And then who did you contact to try to get 16 0. 17 damages? 18 The land agent. That would have been --Α. 19 his name was Bob Bess. He was one of their land 20 It was two land agents ago. agents. 21 So why have you not signed an easement? 0. 22 It's pretty clear. It's pretty clear. Α. 23 This is my property. This is my family's property. 24 We farm this ground. We don't want it sold -- we 25 don't want it sold off to anyone.

1	Six generations have farmed this ground.
2	We've been stewards of this ground. It's our
3	livelihood. It's our occupation. We absolutely do
4	not want to sell. We do not want anything else
5	running through it.
6	You know, it's one thing that we have
7	MidAmerican or UP you know, the railroad running
8	through you know, the easement area. I mean, the
9	railroad was there for probably close to a hundred
10	years. MidAmerican brings power. Utility power.
11	This is a for-profit operation that wants
12	to run through my family's farm ground for their own
13	benefit. It's not theirs to do. It's ours. We don't
14	want them there. We want to continue farming it. We
15	don't want our livelihood disturbed because they want
16	to profit by putting a pipeline through it.
17	MR. TAYLOR: Thank you. That's all the
18	questions I have.
19	BOARD CHAIR HELLAND: Thank you,
20	Mr. Taylor. Appreciate it.
21	Mr. Williams.
22	MR. WILLIAMS: Thank you.
23	
24	
25	

1	CROSS-EXAMINATION
2	BY MR. WILLIAMS:
3	Q. I'd like to get into just a few more
4	specifics about the easement and why you won't sign
5	it.
6	You highlighted some things that were
7	consistent with earlier testimony where you just felt
8	that this land essentially was yours, you didn't want
9	it taken from you. My questions are more directed at
10	the easement language.
11	Were you presented with easement language
12	at some point?
13	A. Yes.
14	Q. Other than just general dollar amounts?
15	A. Yes, we were presented with an offer that
16	talked about, you know, that they could go up to
17	50 feet on either side and how deep that they could
18	bury the pipeline. The same as we've had from other
19	witnesses. The same boilerplate easement that they've
20	sent to all of us.
21	Q. Did that easement language strike you as
22	something that created risk for this property as
23	opposed to providing some benefit to you?
24	A. There's no benefit.
25	Q. But specifically as to risk. Did you see a

risk of potential -- you mentioned compaction risk, 1 2 for example. 3 Yes, there's compaction risk. Α. 4 honestly, the letter that we received to come here 5 today, the first paragraph says that they've filed for eminent domain to bury a hazardous pipeline. What 6 7 does the word "hazardous" mean to you? Risk. 8 With the compaction, have you had personal Q. 9 experience, or your husband had personal experience, 10 with dealing with compaction issues on property? 11 Α. Yes. 12 How long does it take to resolve compaction Q. 13 issues? 14 BOARD MEMBER MARTZ: Mr. Williams, this 15 question has already been asked and answered by 16 Mr. Taylor. 17 MR. WILLIAMS: No, it hasn't. It has not. I mean, is that --18 19 BOARD CHAIR HELLAND: Board Member Byrnes 20 {sic} has as much authority to make a decision on what 21 has and hasn't been answered as I do. So you don't 22 need to look at me. 23 MR. WILLIAMS: I don't know what -- I 24 understand the commentary, but there's no objection, so what is the -- is the Board ruling a sustainment? 25

Is she objecting? What is she doing? 1 2 BOARD CHAIR HELLAND: I think we're simply 3 asking you to keep the questions to a very tight scope 4 as it relates to where the proposed project could be 5 placed theoretically, if it's approved, on her property. And that's it. So go ahead and confine it 6 7 to exactly what the testimony was intended for by the 8 Board. 9 Obviously, with landowners, we're going to 10 let landowners go. But, in terms of our attorney friends in the room, we're going to ask that you 11 12 confine your questions, comments, statements to the 13 original Board order. Which was the actual siting on 14 the property. 15 Α. There has been -- I'll try it this way. There has been compaction in corners of the 16 17 property -- when MidAmerican comes in, as an example, 18 they have to service those power poles. Right? 19 they drive trucks in there to service those power 20 poles. 21 You can very obviously see that the crop 22 grows less where that compaction happens. And it has 23 been like that for years. Where they drive in there 24 to change a transmission line or something like that, 25 there's compaction from those vehicles. The crop

- 1 suffers in those vehicles -- or in that space.
- 2 BY MR. WILLIAMS:
- 3 Q. And, in your easement agreement that was
- 4 proposed to you for the pipeline running across your
- 5 property, do you believe that it addresses the
- 6 concerns that compaction could cause on your property
- 7 by virtue of a pipeline of this magnitude being
- 8 present?
- 9 A. No.
- 10 Q. Why?
- 11 A. They're only -- in the easement that they
- 12 have given us, they're only talking about what's going
- 13 to happen for three years. And this compaction of the
- 14 level that they're going to do -- they're going to
- 15 totally rip up the ground, put a pipeline in it, and
- 16 then bury it back up.
- 17 That is going to take 10, 20 years for it
- 18 to be in the state that it is in today. And it's
- 19 never going to be in the state that it is in today.
- 20 And all they put in the easement is that they're going
- 21 to just pay for things for up to three years. That's
- 22 what's in writing.
- 23 Q. You mentioned also -- obviously, you have a
- 24 railroad on there, and the pipeline is going to run
- 25 under that at some point.

Do you have any concerns that you might be 1 2 unnecessarily entangled in a dispute between the 3 pipeline company and the railroad company regarding --4 Α. Have you ever dealt with the railroad? 5 Because I have. And they suck. So, yes, this is going to be a mess to deal with them. 6 7 Q. Specifically I'm directing my question towards if a dispute arises between those two 8 9 By virtue of you being the landowner where entities. 10 the pipeline and the railroad company are 11 intersecting, do you feel like you'll become 12 unnecessarily entangled as a result? I absolutely do. And the next question 13 Α. I'll be asked is does the railroad now -- because of 14 15 where this is going to go, do they want to move some 16 kind of an entrance into the property, does -- yeah, 17 I'm going to be impacted for sure. 18 And what you mean by that, I think, and you 19 can correct me if I'm wrong, but the railroad company 20 will come back to you to potentially try to renegotiate the terms of the easement that they have 21 22 over your property. 23 Absolutely. Α. 24 And, as a result, you might be further Q. 25 entangled in additional litigation that might cost

1	money for you.
2	A. Absolutely.
3	Q. And do you have any indication from what
4	Summit is attempting to do that Summit would cover the
5	costs of that issue?
6	A. No.
7	MR. DUBLINSKE: Objection.
8	A. I don't believe there's anything in that
9	easement
10	BOARD CHAIR HELLAND: Hold on real quick.
11	MR. WILLIAMS: You've got to wait on the
12	objection.
13	BOARD CHAIR HELLAND: Go ahead and state
14	your objection.
15	MR. DUBLINSKE: And I probably should have
16	objected even sooner. But, I mean, this is so
17	speculative and there's just no facts in evidence that
18	we won't be able to agree with UP, that any
19	disagreement will end up in litigation, that the
20	landowner will somehow be dragged into that
21	litigation.
22	We are now three, four levels removed from
23	anything that is a reasonable factual basis for this
24	line of questioning.
25	MR. WILLIAMS: These are risks associated
1	

1	with the land. I'm sticking to the land as the Board
2	instructed. This is a risk that she will have to deal
3	with down the line. And it relates and I tied it
4	into the easement agreement as well.
5	BOARD CHAIR HELLAND: Hold on.
6	Ms. Ryon.
7	MS. RYON: Thank you. Yes, if we're
8	discussing the easement and the agreements, all of
9	those impacts are things that the witness should be
10	able to testify about. And what fears and questions
11	she has are issues that are very relevant to how this
12	is going to impact her land.
13	BOARD CHAIR HELLAND: Did you have a reply,
14	Mr. Dublinske?
15	MR. DUBLINSKE: I do, Your Honor. The
16	problem is that the lawyer is putting the risks out
17	there, not the witness, and there's nothing in the
18	easement about our relationship with Union Pacific.
19	BOARD CHAIR HELLAND: Thank you.
20	THE WITNESS: Can I speak?
21	BOARD CHAIR HELLAND: Not yet. But I'm
22	going to let you answer the question because you're a
23	landowner.
24	THE WITNESS: Right.
25	BOARD CHAIR HELLAND: But we are getting

- 1 pretty speculative here. Okay? I appreciate that
- 2 you've reined it in and are talking about the land and
- 3 the easement. Okay? But we're getting pretty
- 4 creative with our scenarios and getting a little bit
- 5 beyond likely foreseeable scenarios.
- 6 So I'm going to go ahead and let her answer
- 7 this question and then let's try to keep this tight.
- 8 So, Ms. Krogh, if you want to go ahead.
- 9 A. I want to make sure I have your question,
- 10 because now everybody --
- BOARD CHAIR HELLAND: Why don't you go
- 12 ahead and repeat your question. And don't worry about
- 13 rephrasing it. Just go with the question you had and
- 14 we'll roll.
- 15 BY MR. WILLIAMS:
- 16 Q. So, obviously, we're talking about the
- 17 railroad on your property.
- 18 A. Right.
- 19 O. And, obviously, the pipeline wants to go
- 20 underneath that railroad line. As shown in the
- 21 picture that's right in front of you.
- Do you have concerns that you might be
- 23 unnecessarily entangled in a dispute by virtue of the
- 24 fact that you're a landowner where both these
- 25 easements would be intersecting with one another?

1	A. Yes.
2	Q. How so?
3	A. I feel that the rail may come back to us
4	and ask to move one way or the other. I feel that
5	there's going to be a fight. And, if anybody deals
6	with the railroad, they don't move very often. The
7	rail seems to win everything.
8	I'm on our local school board. We fought
9	for two years just to get an extra entrance into the
10	town across the railroad. So I know how it is to deal
11	with the railroad.
12	And so, if the railroad is not going to
13	give up, odds are that Summit might have to move the
14	pipeline and then we've got to go through this whole
15	mess all over again. Absolutely.
16	Q. With these risks in mind that are unique to
17	your particular property, as opposed to the ones that
18	we've discussed here earlier with other witnesses that
19	I'm sure you've heard, do you see the easement
20	agreement and its terms contained within to be nothing
21	other than a complete benefit to Summit and no upside
22	to you?
23	A. There is absolutely no benefit for us.
24	Absolutely none.
25	Q. And, as a result, would it be your opinion
I	

that this project does not serve the public necessity 1 2 or convenience? 3 It is absolutely a private entity trying to Α. There's no benefit for any of us. 4 profit. 5 MR. WILLIAMS: Thank you. No further 6 questions. 7 BOARD CHAIR HELLAND: Thank you. 8 Ms. Ryon. 9 MS. RYON: Just a quick point of 10 clarification. I do have some additional issues for Ms. Krogh, but, as part of the conversations that 11 12 we've had over the last couple of days, one issue that 13 has arisen has been the rights of attorneys to 14 question witnesses following any additional questions 15 by other Board members. And, since this witness is represented by 16 17 an attorney, I wanted to clarify that I would be able 18 to ask her questions following any additional 19 questions from the Board. 20 BOARD CHAIR HELLAND: I thought you might So we're in a bit of an uncharted territory 21 ask that. 22 in this situation. And so what I would prefer to do, 23 after you've stated it -- if you'd like to follow up 24 to this before we go to lunch, that would be great, 25 but what I would like to do is discuss that with the

- 1 Board, let you know as soon as we know what's going to
- 2 happen, and then we will come back on the record and
- 3 explain right after lunch what our decision is.
- And so, if you'd like to make a statement
- 5 prior to breaking for lunch, I think that's perfectly
- 6 acceptable.
- 7 MS. RYON: Okay. Well, again, I recognize
- 8 this is uncharted territory, and I just wanted to make
- 9 sure that everybody was clear about how the procedure
- 10 was going to go. I will follow up with the additional
- 11 questions and issues I have whenever the Board tells
- 12 me it's appropriate to do so.
- BOARD CHAIR HELLAND: Thank you. I
- 14 appreciate that.
- 15 We will take a 45 -- oh. I'm sorry. Board
- 16 Member Byrnes.
- 17 (Brief pause.)
- 18 BOARD CHAIR HELLAND: That's why we're
- 19 taking lunch. Okay. So we will take a guick
- 20 45-minute lunch. I wish it was an hour lunch. Maybe
- 21 in the future, when we're running a little more on
- 22 track, we'll be able to do that.
- 23 I do appreciate what is a very clear effort
- 24 from the attorneys with the last witness to tighten it
- 25 up. And I think we can probably do just a little bit

1	better.
2	Ms. Krogh, you are still under oath. So
3	we're going to go to lunch, and we will be back here
4	in 45 minutes and we will finish up.
5	THE WITNESS: Okay.
6	BOARD CHAIR HELLAND: Thank you.
7	Appreciate it.
8	THE WITNESS: Thank you.
9	(Noon recess taken at 12:27 p.m.)
10	(Hearing resumed at 1:15 p.m.)
11	BOARD CHAIR HELLAND: Okay. It is 1:15.
12	We will go back on the record. We're circling back to
13	Ms. Ryon's request.
14	Ms. Ryon, after consulting with the Board,
15	because you are in this case effectively standing
16	oh. I'm so sorry.
17	THE WITNESS: I'm coming.
18	BOARD CHAIR HELLAND: We'll take our time.
19	We'll wait.
20	Good? Okay.
21	Since you're assisting Ms. Krogh in, I
22	assume, an attorney capacity, in that sense we're
23	going to provide you latitude in terms of scope.
24	Because we have provided the landowners significant
25	latitude in terms of scope.
1	

I'll still remind you that we have some 1 2 time constraints today, but you've been respectful, 3 and that's appreciated. 4 But we are still going to refrain from 5 rehabilitation after the Board has spoken. sure it will be necessary. I think we have one minor 6 7 question anyway. So --8 MS. RYON: Understood. Thank you. 9 BOARD CHAIR HELLAND: Proceed. 10 CROSS-EXAMINATION 11 BY MS. RYON: All right. Welcome back, Ms. Krogh. I 12 Q. 13 just have a few questions to ask you and get some 14 additional information from you. 15 What kind of notice did you get about this proceeding from the Utilities Board? 16 17 The black flier that everybody else has Α. 18 talked about. And it looks like the date on it was 19 July of 2023. 20 Did it provide you with all the necessary Q. information that you felt you needed to participate in 21 22 this proceeding? 23 It was literally this (indicating). Α. Ι 24 had really no idea what to expect until I got here. 25 Q. If you had to choose between testifying now

- 1 or in, say, November or December, would it make a
- 2 difference to you when you testified?
- 3 A. No. It really wouldn't. This is our farm
- 4 ground. I'm going to come anytime, any place.
- 5 Q. And when you make arrangements to come to
- 6 testify, what are the factors that you have to arrange
- 7 in your life in order to be here?
- 8 A. I work for a company. I have to arrange
- 9 coverage at my company where I work. I have a
- 10 daughter who is in high school. So I have to
- 11 rearrange to make sure that she's adequately taken
- 12 care of. And I have to drive two hours and five
- 13 minutes to get here.
- Q. Did the Utilities Board ever send you
- 15 anything requesting your opinion as to the scheduling
- 16 of this proceeding?
- 17 A. I got the flier. And then I got the
- 18 certified letters that they were filing for eminent
- 19 domain. That's what I received. We received.
- 20 Q. Is there any other information that no one
- 21 has asked about that you think the Board should know
- 22 about your land before making a decision?
- 23 A. I think I've been pretty clear. It's our
- 24 ground.
- MS. RYON: Your Honor, that concludes my

questions, but I would like to lodge a few objections 1 2 for the record on behalf of Ms. Krogh. 3 BOARD CHAIR HELLAND: Okay. Proceed. 4 MS. RYON: Based on Ms. Krogh's testimony, 5 I would like to object to the Board's procedure in scheduling Exhibit H landowners who are not 6 intervenors at the end of August. That inadequate 7 8 notice was provided to the landowners. 9 I would also like to have the objection 10 noted that it's a violation of Ms. Krogh's due process 11 rights by forcing her to testify before Summit. 12 Summit being the party with the burden of proof. 13 denied Ms. Krogh the opportunity to have a meaningful 14 opportunity to be heard because she did not have full 15 facts from the party who has the burden of proof. I would also like to object that the 16 17 Board's change in the procedural schedule that was 18 issued on June 16, 2023, is inconsistent with Iowa 19 Code Section 17A because it prejudices the substantial 20 rights of landowners. In this case, those substantial rights are the landowners' property rights under both 21 22 the Iowa and U.S. Constitutions as well as their due 23 process rights. 24 That schedule change is specifically 25 inconsistent with respect to subsection 17A.10(k)

- 1 because the schedule change is not required by law,
- 2 and its negative impact on landowners' constitutional
- 3 property and due process rights is so grossly
- 4 disproportionate to the benefits accruing to any
- 5 potential public interest from the schedule change
- 6 that it necessarily lacks any foundation in rational
- 7 agency policy.
- 8 And that concludes the objections I would
- 9 like noted.
- 10 BOARD CHAIR HELLAND: Okay. Thank you.
- 11 Board Member Byrnes. I believe you have a
- 12 question.
- 13 BOARD MEMBER BYRNES: Excuse me. Somehow
- 14 in the last 24 hours I've acquired a nasty cold. So I
- 15 apologize if I'm sniffling over here.
- 16 A quick question just for clarity on the
- 17 record. The railroad track portion on the land there.
- 18 So when you went through in the beginning when Chair
- 19 Helland was talking about easements and things on the
- 20 property, does the railroad own that property through
- 21 there where the railroad is or is that an easement?
- 22 THE WITNESS: The way I understand it, we
- 23 own actually to the middle of Highway 75 and they have
- 24 an easement on the property.
- 25 BOARD MEMBER BYRNES: And then I don't know

if our staff can zoom in a lot more on this. 1 On the 2 triangular portion there where the power lines are. 3 THE WITNESS: Yes. 4 BOARD MEMBER BYRNES: So I noticed on the 5 map -- it's kind of hard to see, but I noticed on the map one of the things you mentioned was the power 6 7 lines and compaction and things like that. 8 On the map that I'm looking at here on my 9 computer, I can see a set of like -- it almost looks 10 like a trail that would be going along that western portion of the triangle piece that you're going to put 11 12 the storage unit on. 13 THE WITNESS: Uh-huh. 14 BOARD MEMBER BYRNES: Is that trail 15 marking, is that from the company checking power lines or is that something else? 16 17 THE WITNESS: It would have to be from 18 something -- it would either them being checking power 19 lines -- I'm not honestly sure what that is from. 20 Honestly. 21 BOARD MEMBER BYRNES: Mr. Milewski, if 22 you'd just go up to that intersection just a little 23 bit. 24 And maybe I have a different version of 25 Google Earth that's got different markings.

1	just curious because you had mentioned those tracks.
2	THE WITNESS: Yeah, they come out and they
3	check them, but I don't know what causes the tracks.
4	BOARD MEMBER BYRNES: Gotcha. That's all I
5	had. Thank you.
6	BOARD CHAIR HELLAND: Thank you, Ms. Krogh.
7	You're excused. Appreciate it. Thank you.
8	THE WITNESS: Thank you.
9	BOARD CHAIR HELLAND: The Board would like
10	to call Mark Oehlerking in regards to properties
11	H-WO-031, WO-022, and WO-041.
12	Ready?
13	MR. OEHLERKING: I'm ready.
14	BOARD CHAIR HELLAND: And it's Oehlerking.
15	Am I saying it correctly?
16	MR. OEHLERKING: Correct.
17	BOARD CHAIR HELLAND: Thank you.
18	Mr. Oehlerking, if you would please raise
19	your right hand.
20	MARK OEHLERKING,
21	called as a witness, being first duly sworn by Board
22	Chair Helland, was examined and testified as follows:
23	BOARD CHAIR HELLAND: Please state and
24	spell your name and provide your address for the
25	record.
1	

1	
1	THE WITNESS: My name is Mark Oehlerking.
2	That's M-a-r-k O-e-h-l-e-r-k-i-n-g. Address is
3	4390 Northwest 169th Street in Clive, Iowa 50325.
4	BOARD CHAIR HELLAND: And the properties we
5	are talking about today are all in Woodbury County?
6	THE WITNESS: Correct.
7	BOARD CHAIR HELLAND: Thank you. And I
8	gave them numbers. Are they all contiguous?
9	THE WITNESS: It's all contiguous. It's
10	one plot.
11	BOARD CHAIR HELLAND: Then I think we can
12	probably just call it the parcel and get away with
13	that.
14	Mr. Oehlerking, can you describe the
15	current usage and any potential future changes to that
16	usage of your property?
17	THE WITNESS: Sure. There's approximately
18	80 acres here between two ownerships. Part of it's in
19	my dad's name as a revocable trust. The western 15
20	acres. The balance is 65 acres on the eastern
21	two-thirds of it and is under CoBar, Inc., which is
22	owned by my brother and sister and I.
23	Today it's farmed. It's corn and soybeans.
24	As you can tell from the picture, there's two circles
25	there. It's irrigated. Irrigated ground.

We also own the land to the northwest 1 2 And that also is irrigated from the same well there. 3 that supports these two pivots. 4 So the irrigation systems are tied 5 together, and the pipeline will mess those up while they're in process for all three parcels. 6 We've owned this land for about 44 years. 7 Thereabouts. And it's been in our family all that 8 9 time trying to use it for agricultural purposes. 10 We also knew, when we bought it, that it's 11 likely to be developed at some point in time. This 12 area is part of the Southbridge Business Park. 13 the area of Sioux City that they are designating for 14 future industrial growth, and they're putting together 15 1,000 to 2,000 acres of ground for a potential 16 megasite, depending on what may be needed in the 17 future. 18 That may be one very large business, it 19 could be 10, 15, 20, who knows how many, smaller ones 20 that take over over time. 21 If you take a look at the road on the north 22 there, that is really becoming the city limits of 23 Sioux City. Right there about -- on the east side of our piece, right in there. That's in process of being 24 25 voluntarily annexed into the city as we speak.

1	in the final stages. So that will be accepted. So
2	the city limits are right there.
3	If you were to zoom out on this KMZ file,
4	you can see maybe a little farther. Just to give
5	you a flavor where we're at.
6	We're right on the south edge of
7	Sioux City. So our farm that we're talking about is
8	about half a mile from the property line on the
9	south or half a mile from our south property line
10	to CF Industries' property line. So the big
11	fertilizer plant is right there in our backyard
12	basically.
13	If you go to the north a little over a
14	mile, you're on the Sioux City airport. Or right
15	close to it.
16	The City of Sioux City has a water
17	treatment plant. The white building. Sioux City has
18	a water treatment plant to the north of our parcel.
19	There is a new cold storage building that's
20	just gone in that for storing meats and cheese and
21	whatever else they want to store that's cold. It just
22	opened in the last few months. It has already
23	announced expansion from what I understand. So it's
24	developing into an industrial area very quickly.
25	A little farther north up in here, about a

- 1 mile and a half up I guess, is Sabre Industries. They
- 2 make the big, tall power poles you see. The
- 3 galvanized steel ones. Manufacturing there. A big
- 4 investment of that.
- 5 And just above them is the Sioux City
- 6 airport.
- 7 So we're really in a metropolitan area even
- 8 though it's farm ground today. So we expect it, and
- 9 we consider it, industrial ground. It's currently
- 10 zoned as general industrial.
- 11 BOARD CHAIR HELLAND: Say that again. It's
- 12 zoned --
- 13 THE WITNESS: It's zoned as general
- 14 industrial. So that means it can be factories,
- 15 warehouses, data centers, big factories, little
- 16 factories, whatever it may be.
- 17 It's not going to be apartments and houses
- 18 and schools. It's going to be something industrial in
- 19 that area.
- 20 And that's what we're expecting and what we
- 21 want to invest -- or our ground to be turned into at
- 22 some point in time. Is an industrial purpose that's
- 23 obviously higher value than farmland.
- We know that that may happen tomorrow. We
- 25 could get a call and say, "Hey, we want it." It could

25

happen 5 years, 10 years, 20 years from now. 1 But 2 we've got time. Our family has been farming this area 3 for about 140 or 150 years. We expect to be here for 4 another 140 or 150 years and beyond. So, if it takes 5 20 years to develop, that's fine. We've got time. And that's where the pipeline comes in to 6 be a detriment to us is an impact on the future 7 8 industrial growth as well as our farming in the 9 meantime. 10 As you take a look at the parcels -- like I 11 said, we've got the two center pivots there and the third one to the north. There's a common well that's 12 13 about in the center between the two circles up along 14 the north road. Kind of where the circles come 15 together. On the south side of the road. So it will be impacted by this pipeline. 16 17 And right -- really right there. We have a 18 water line that goes to the west and then to the north 19 to the other pivot. 20 There's buried water lines out to the center of each of those circles and buried electric 21 22 wires of our own. 23 There's no other third-party easements on 24 the property other than the right-of-way for power

lines and that type of thing.

So, as they come in and take a portion of 1 2 our land, there really is a great detriment to us for 3 our future purposes. 4 As this line is drawn, they're not going to 5 be able to do that, because right where that well is -- Woodbury County requires a 100-foot setback from 6 7 that. 8 I presented a list of questions to Summit 9 about three, four weeks ago, and we got response back 10 last week to about half my questions. I sent them 11 five pages of questions. 12 One of the questions I had is what are the 13 setbacks required as part of this pipeline. 14 response was the only setback required is 50-foot from 15 a dwelling. From a house. No other setbacks 16 required. 17 So the way they responded, they said that 18 they could put the pipeline basically on top of the 19 The county is telling us no, it's got to be 100 20 foot away. We don't know who to believe. But it will cause a friction of some sort. 21 22 So, if it goes right through there, it's 23 going to have to move. That impacts more of our 24 ground. As we look at it from an industrial 25

purpose, it's like all things with real estate. 1 2 Location, location, location is very important. 3 We've got the frontage of this piece on the 4 north side that will be certainly hampered, if not 5 destroyed, by this pipeline. Because, if you're putting in a factory or a warehouse or whatever, 6 7 you've got to cross it. You're not going to pay big 8 bucks for the frontage if you can't use it. 9 I asked if we could -- after they put the 10 pipeline, if the next owner wanted to put a parking 11 To park trucks or pallets or whatever. lot on there. 12 The answer was, "Well, maybe. And, if you do, and if 13 you pave it and we have to tear it up, we'll charge 14 you to tear it out and you have to pay to put it 15 back." On the easement. Well, that's not real 16 exciting for somebody wanting to buy it. 17 So it's taken a great value off of 18 certainly the frontage for us as well as the balance 19 of it. Because, if you're trying to sell this for an 20 industrial purpose, and you take off the top 10 percent, you kind of take big dollars off the 21 22 balance as well. That's not been addressed in any of 23 their proposals. How to compensate us for that. 24 From the very first discussion that we had 25 with Summit, we said, "We don't have any farmland for

- 1 sale. We do have commercial ground for sale." And,
- 2 of course, they just don't pay attention to that part.
- 3 So that's a significant issue for us as we look at
- 4 this.
- 5 Our ground, it's flat, it doesn't vary
- 6 probably a foot from one end to the other. And so
- 7 it's easy to farm, easy to develop.
- 8 The other kicker is Navigator is going to
- 9 cross the same field. And their maps are basically on
- 10 top of this one. So now we've got both pipelines
- 11 going across us for half a mile.
- 12 And the question to Summit was, "Well, how
- 13 close can two CO2 pipelines be?"
- 14 They come back, the answer, no regulation
- 15 from PHMSA. The only thing is 50 feet from a house.
- 16 So, if you take that literally, I suppose
- 17 you could throw them in the same trench. It wouldn't
- 18 be very smart.
- 19 They did say that their intent would be
- 20 that if Navigator and Summit are parallel, they would
- 21 butt the two permanent easements up to each other. So
- 22 that means we now have two pipelines 50-foot apart.
- 23 If that's true. We don't know the answer.
- So, if Navigator happens, that takes
- 25 another chunk off this piece.

1	So, from our perspective, it's a
2	significant detriment to us. No value. All the risks
3	and stuff I mean, everybody else has talked about
4	that. I'm not going to reiterate those issues and
5	concerns. Our is really the impact it has on the
6	value of our properties today and into tomorrow.
7	We asked the question what happens we
8	talked about damage for the crops today, the three
9	years and the damage and all the things that have been
10	discussed several times this morning. Not enough, of
11	course.
12	But, to us, just as big an issue, maybe
13	bigger, is for the next owner. If I'm the person
14	putting a factory in there, or a warehouse or whatever
15	it may be, and Summit has to come in and do something
16	to the pipeline or there's a rupture or whatever issue
17	that might come up 10 years from now, 20 years from
18	now, how are damages figured then?
19	It's one thing to mess up a corn crop. You
20	may have millions of dollars of inventory or a
21	building or trucks or people that are on that property
22	at that point in time. You could have hundreds of
23	people employed on there at some point. How is that
24	going to be addressed?
25	And that's not addressed at all, to our

satisfaction at least, in the easement or any 1 2 discussions that we've had. 3 So it really all boils down to location, 4 location, location again. We don't want it is the 5 real answer. But it really -- the location of it is a detriment to anything we want to do in the future on 6 7 this property. 8 BOARD CHAIR HELLAND: Sorry. I have a lot 9 of questions. And I was taking notes. So, if I ask 10 you something you've already said, I apologize. 11 You said -- did I hear you correctly the 12 center pivots, do they have their own wells? 13 There's one well. THE WITNESS: 14 BOARD CHAIR HELLAND: One well. And where 15 is the well? THE WITNESS: So in the center, east to 16 17 west, about halfway across. So right about in there. 18 In fact, I've got an exhibit that I submitted last 19 night that will show it if somebody can bring it up 20 for us. 21 BOARD CHAIR HELLAND: That would be great. 22 That was my next question is would you like us to --23 THE WITNESS: So the south two circles, of 24 course, are the ones we're talking about. Where that 25 red circle is there in the center is the well. The

- 1 blue lines go out to the center point of each center
- 2 pivot. So those lines are pressurized, all three of
- 3 them at the same time.
- 4 So, when they're putting in their pipeline
- 5 on the south, they're not going to be able to use any
- of those three circles. Because the water's got to be
- 7 to all three of them at the same time.
- 8 There's also an electric line that runs
- 9 with each of those water lines out to the center
- 10 pivots. To drive the pivots.
- So, at any point in time when they've got
- 12 the trench open and we can't utilize those two
- 13 pipelines to the south, or the one to the north that's
- 14 parallel to the road, the irrigation can't work. And
- 15 so that's a very significant issue.
- 16 This year we probably have pumped eight to
- 17 ten inches of water on this ground trying to make it
- 18 highly productive ground.
- 19 BOARD CHAIR HELLAND: To clarify -- and I
- 20 apologize if I missed it. That north property, that
- 21 northernmost circle, that's your property as well?
- 22 THE WITNESS: That's ours as well. The
- 23 yellow circle is. The one right to the north there to
- 24 the right of that one is the one I talked about that's
- 25 just in the process of being annexed into the city.

1	BOARD CHAIR HELLAND: So, hypothetically,
2	moving it across the road really wouldn't help
3	THE WITNESS: Not there, no.
4	BOARD CHAIR HELLAND: with the lower
5	center pivot's operation anyway.
6	THE WITNESS: Right.
7	BOARD CHAIR HELLAND: You mentioned
8	megasites. We're familiar, but, for the record, and
9	for the sake of everyone else, can you explain
10	megasites, the importance of being designated a
11	megasite, what that means. And then I think it would
12	be important for us to understand, too, where you're
13	at in that process.
14	THE WITNESS: Okay. So the megasite is
15	more from the City's designation, not ours. Okay?
16	So, as I understand it, it's really trying to have a
17	thousand acres or more put together so that if a very
18	large business comes in and wants that many acres to
19	develop, they could say, "We're the place for you to
20	develop."
21	Because they're out knocking on doors,
22	answering requests from various companies around the
23	country or around the world. Sioux City wants to be
24	the host of those future industries. They want to
25	have big spaces many times.

1	For example, our family farm is just on the
2	north side of the Sioux City airport. And currently
3	the Seaboard Triumph pork plant is on what used to be
4	part of our land. And that was taking a couple
5	hundred acres.
6	So they're looking for that type of
7	business that they want to bring in. That size. Not
8	necessarily some other packing plant, but some other
9	large business.
10	BOARD CHAIR HELLAND: So, to be designated
11	a megasite, do you voluntarily work with the City
12	THE WITNESS: I don't know that we have to
13	do anything. It's more them. They're trying to
14	accumulate land. They're buying land, the City is,
15	and they gather from us that we have an interest in
16	being part of it, I guess. There's no sign-up for it
17	that I know of.
18	BOARD CHAIR HELLAND: By being designated a
19	megasite, or being a component of it, are you then
20	limited? In other words, if you're part of a
21	megasite, can you not rezone your property?
22	THE WITNESS: I don't think it has anything
23	to do with the zoning per se. I'm not sure that it
24	does or doesn't. There's nothing that we've been
25	involved with that we've signed or that we have been

1	asked to sign or anything of that nature.
2	It's more of as the development people are
3	working they've got I don't know how many acres
4	now, a couple hundred acres they own, or more, in the
5	area. That the City does. And, if they know that
6	we've got another 80 acres that we'd be willing to
7	have turned into industrial ground, they can say, "We
8	have the ability to pull it together." Basically.
9	BOARD CHAIR HELLAND: I appreciate your
10	very thorough description. No buildings or
11	structures, it appears, other than the center pivots.
12	THE WITNESS: Right.
13	BOARD CHAIR HELLAND: And no easements and
14	no other underground installation or infrastructure.
15	THE WITNESS: Not other than what we showed
16	up there.
17	BOARD CHAIR HELLAND: Okay. We briefly
18	flashed your exhibit. Did you want to pull that up
19	and explain anything else on your exhibit?
20	THE WITNESS: I was really just bringing
21	that up to show where the pivots were and the pumps
22	and our buried line. So it's fine.
23	BOARD CHAIR HELLAND: And did you want to
24	submit that as evidence?
25	THE WITNESS: Yes, please.

1	BOARD CHAIR HELLAND: Do any of the parties
2	have any objection?
3	(No response.)
4	BOARD CHAIR HELLAND: Thank you. We will
5	admit that exhibit as Oehlerking Hearing Exhibit 1.
6	You say it's very flat. So it doesn't
7	appear to have any bodies of water or noteworthy
8	terrain features.
9	THE WITNESS: No.
10	BOARD CHAIR HELLAND: No timber or forest
11	it appears. No easements. I'm very curious, though,
12	because we haven't run into this yet. You do have two
13	properties actually three properties, all with
14	center pivots on them, and we don't see as many center
15	pivots at least in the part of Iowa I live in.
16	And so why are you utilizing what's
17	going on with your soil that requires the use of
18	center pivots?
19	THE WITNESS: Well, we're trying to
20	maximize the yield, first of all. And it's sandier
21	soil. We don't get the rains as much as you do here
22	in Central Iowa. So it makes a difference. And we're
23	trying to maximize our production there.
24	Our family has been irrigating since 1955,
25	I think. There's only one year we haven't pumped

So we find that, even in the good years, it 1 water. 2 helps us as well. 3 BOARD CHAIR HELLAND: Can you describe 4 any -- and, actually, I think most of the landowner 5 intervenors have used this as an opportunity to really express their feelings and their opinions. And I know 6 7 you said earlier it's been repeated. We don't have any problem with landowners being repetitive. That's 8 9 why we're doing this. 10 THE WITNESS: Okay. 11 BOARD CHAIR HELLAND: So we want to make 12 sure that you get a chance to describe any specific 13 concerns you may have and any recommendation you may 14 have for the Board to address your concerns. And 15 while, when we printed this, that may have been very much directed at siting, every other landowner has and 16 17 you should feel free to expand. 18 THE WITNESS: Okay. I guess our objection 19 to the pipeline certainly is as I mentioned earlier. 20 It decreases the value of our land for its true 21 purpose for us. 22 If this was just farmland and we had other 23 farm ground 20 miles farther south out where we know 24 it's never going to be developed, yeah, we might have a different opinion. But where this is the future, we 25

1 have concern. 2 We have concern certainly from the safety 3 If there was a rupture or damage to the aspect. 4 pipeline of some sort, what that would do -- certainly 5 to the houses that are around it. Because, obviously, there's a house on each corner. Not ours, but 6 7 somebody lives there. We wouldn't want people to have 8 ill effects or death as a result of any problem there. 9 And so that's a big issue to us. 10 So, as we take a look at this whole thing, 11 the whole idea of the eminent domain is really 12 important to us. 13 We've had the dubious honor of having about 14 four eminent domain situations we've been in over the 15 last several decades. And, as a result, my brother and sister and I have heard the story about when my 16 grandfather had a knock on the door "from the 17 18 government," as they say, to come in and take 19 350 acres from us that became part of what's now Sioux 20 Gateway Airport. 21 And that was in 1941 or '2, and obviously 22 there was a war going and they were expanding the base 23 for training bomber pilots, but they still came in and 24 took 350-plus acres from us and basically paid about 25 the value of the crop that was standing at that point

1	in time.
2	So that was a true taking at that point in
3	time.
4	They've been back multiple times. Took
5	additional parcels to add to the airport. And 10, 12,
6	15 years ago they were back and took another 80 acres.
7	So we've had experience with eminent domain
8	multiple times. Every one of them, every single one
9	of them, was a negative for us as the owner. The
10	payments that were made were nowhere near close to
11	what it's worth.
12	And it creates a generational ill will, if
13	you will. It's something that is part of our
14	heritage, I guess. Because it's something that my
15	grandfather it just tore him up. My dad, 94 years
16	old, home listening to us today because he couldn't
17	travel, and it's something that he's talked about
18	many, many times.
19	And I'm sure that my brother and sister and
20	I will as well. And, if we have to go through this
21	one, our kids will talk about it as well.
22	It's one of those things where it just is
23	ripping part of your body away from you when somebody
24	comes in and takes something from you as opposed to
25	selling a piece of property and getting a fair price

lunch.

That forcing it upon you is just the thing 1 for it. 2 that you can't imagine. 3 As we take a look at it further -- and I 4 think I'd ask the three of you as a board to think 5 about it. If somebody came up to you and knocked on your door today and said, "You know what, I want 15, 6 7 20 feet out of your yard. I want to go where I want I'm going to move diagonal. I'm going to take a 8 9 couple trees out of your backyard." 10 And you might have a nice patio. "I'm going to go through that, and I'm going to circle 11 12 around and maybe -- you know, we may have to knock 13 down your garage because I want to go through there." 14 For whatever purpose. 15 You'd be mad. You'd probably say, "No 16 way." 17 And that's kind of the way we are. You're 18 coming in, Summit is, and taking a slice of our 19 property where they want it, when they want it, and 20 really for their price is what they want to do. And 21 that's not fair. 22 If we're selling this entire property, 23 we're going to sell 80 acres at a time probably. 24 It's kind of like going next door for

You can buy a pizza one piece at a time or you

- can buy a whole pizza. You know that if you buy one 1 2 piece, you're going to pay more than if you bought the 3 whole pizza. 4 Here they're wanting to take the average of 5 the county price per acre and apply it to just a little sliver off of this one and say, "Boy, that's a 6 7 good deal for you." 8 And that's what tears us up is the coming 9 in, taking the land, and not treating us fairly in our 10 mind certainly, as well as destroying the value of the 11 rest of the property. 12
- We can debate whether the project makes 13 sense or not. We choose to think it doesn't. We can 14 debate the safety of the pipeline. And there's 15 certainly issues that we believe are out there. Is it safer than hauling it on trucks and rail cars? 16 17 probably, but it doesn't make it right when we're all 18 said and done. It is still a questionable use of our 19 land.
- bringing in imported, discarded product from Nebraska.

 Because about a mile and a half west of here is where

 it crosses the Missouri River. So everything that's

 going to go through this pipeline is from Nebraska.

 And all we're doing in Iowa is hosting their trash and

Because especially this line, we're

hauling it to South Dakota and to North Dakota. 1 That 2 doesn't seem to make a whole lot of sense. 3 And I go back -- I looked at the Board's 4 mission statement and vision statement and those type 5 of things. And it doesn't really seem to fit with what I read there. I look at your vision statement 6 7 and it says "The Iowa Utilities Board is valued as a regulatory expert and solution oriented partner 8 regarding utility issues." 9 10 We haven't seen a whole lot of solution provided to us. And maybe that's not the purpose of 11 Maybe it's all to be a solution for Summit and 12 13 their counterparts. 14 But, as far as providing solutions to us 15 and to give us insight and guidance to help us, it seems like it's lacking. And I think that's a concern 16 17 for us. 18 So -- and I could go on for a long time, 19 but I won't. So I think one of the key things I'd 20 like to share, and then we can go on to other questions, is the three of you, as I suspect every day 21 22 when you go home from these things, the first thing 23 you say is, "Boy, that's a long day, learned a lot." 24 But probably at the end of the night as 25 you're laying down thinking about what happened that

day and what's going on the next day, I'd like you to 1 2 sit down and think about the impacts of what the 3 decisions are that you're making. 4 Because, ultimately, the three of you get 5 to decide the future for us. And several hundred other people. 6 7 And, as you lay there in bed thinking about how things went today and tomorrow and the next day 8 9 and all the rest of the hearings, why don't you think 10 about down the road 20, 30 years after this thing has been in place. Assuming it goes forward. 11 12 Are you going to be proud of your decision 13 when you talk to your grandkids or your kids or just 14 think about your legacy. Are you going to be proud to 15 be the one to stand up and say, "Yep, I was the final vote on that one to make it happen." For the whole 16 17 pipeline. "I impacted a thousand people in Iowa." As 18 far as landowners. Whatever the number is. 19 impacted them forever for the short-term gain of a 20 for-profit company that, as I understand it, is getting about a 25-year license to use the pipeline. 21 22 But you're taking it away from us forever. 23 And I really challenge the three of you to 24 think about that type of thing each day as you end 25 these hearings and as you go on through the rest of it

and say, "Is this the decision I really want to make." 1 2 And then think about the same question if 3 there happens to be some sort of failure in the 4 pipeline, whether it's on our property or somebody 5 else's, that causes a significant issue. And see how you'd answer that question to yourself at that point 6 in time. 7 8 I really mean that. I'd like you guys to 9 do that for your own conscience as you look at it and 10 think about if you were in our seat, for all the 11 landowners, how you'd react to it. 12 BOARD CHAIR HELLAND: I don't have any 13 questions. I'd feel ashamed to ask a question 14 following that. So I'm going to turn it over to the 15 parties. Mr. Taylor, you're always first. 16 17 And then, Ms. Gruenhagen, I see your name 18 placard already up. 19 MR. TAYLOR: And I'm never ashamed. 20 CROSS-EXAMINATION 21 BY MR. TAYLOR: 22 I'm Wally Taylor, and I represent the 0. 23 Sierra Club. 24 First of all, did you, on behalf of the Charles Oehlerking Revocable Trust, actually intervene 25

1	at one point?
2	A. I did.
3	Q. And then what happened?
4	A. I basically ran out of time to get ready
5	and said, "I'm not sure what I'm going to do as an
6	intervenor." So we took it off.
7	Q. Did you prepare some written prefiled
8	testimony as an intervenor?
9	A. I did. I submitted that.
10	Q. Do you have that with you, by the way?
11	A. I do.
12	Q. Would you like to have that offered as an
13	exhibit?
14	A. Absolutely. That would be great.
15	BOARD CHAIR HELLAND: Do you have copies?
16	Do you have it electronic for us?
17	THE WITNESS: I don't. It was submitted
18	BOARD CHAIR HELLAND: You've already got it
19	filed. So we're going to get it pulled up.
20	THE WITNESS: Okay. As far as adding that
21	in as an exhibit if that's possible, that would be
22	good.
23	BOARD CHAIR HELLAND: One second. One
24	second.
25	(Brief pause.)

1	BOARD CHAIR HELLAND: Before we admit it,
2	we need to allow the parties a chance to object or
3	not.
4	Are there any objections?
5	MR. DUBLINSKE: Your Honor, I hesitate to
6	object, but, as a matter of process, normally prefiled
7	testimony comes with the expectation and the
8	opportunity to cross-examine. It was our
9	understanding that the intervention was withdrawn.
10	You know, if this is a one-off, I guess I
11	don't have a big objection, but I do want to note for
12	the record that there are some procedural
13	irregularities with that and that it does create some
14	problems. I would hate to see it become a trend or a
15	repeated thing.
16	But, having made that record, I will note
17	that it is a mild objection.
18	BOARD CHAIR HELLAND: I appreciate the mild
19	objection. Hold on real quick.
20	(Brief pause.)
21	BOARD CHAIR HELLAND: Mr. Dublinske, I
22	appreciate your mild objection. It is overruled. In
23	this situation where an intervenor has withdrawn and
24	had already we don't anticipate to see this
25	situation very frequently. And I think it's an

yes.

opportunity, and I appreciate Mr. Dublinske's mild 1 2 objection, but we will admit this as Oehlerking 3 Hearing Exhibit 2. 4 THE WITNESS: Okay. 5 MR. TAYLOR: Thank you. BY MR. TAYLOR: 6 7 Q. I won't go through the whole thing, but is 8 that prefiled testimony still your testimony? 9 Yes, it is. Α. 10 MR. TAYLOR: Can we go back to the KMZ map? 11 Thank you. 12 BY MR. TAYLOR: 13 Does the red area here encompass all three Q. 14 of your parcels? 15 Α. Yes, it does. And it's all in cropland right now? 16 0. 17 It's all in cropland. Α. 18 I wasn't quite clear whether or not --Q. 19 MS. GRUENHAGEN: Your Honor, just for 20 clarification, I believe in an earlier map you had indicated all of your property includes the parcel to 21 22 the north that's not in the red area? 23 THE WITNESS: Of what we own is on the 24 north side as well, but it's not part of the pipeline,

1 BOARD CHAIR HELLAND: So you're just 2 clarifying that he's --3 I'm clarifying, yes. MS. GRUENHAGEN: 4 BOARD CHAIR HELLAND: Okay. We're good. 5 Go ahead. BY MR. TAYLOR: 6 7 Q. So the area in red on the KMZ map is in the 8 business park now or is it proposed to be in a 9 business park? 10 It's a business park area. It's not a Α. 11 prescribed start and stop borderline per se. 12 Q. I guess I'm not sure what a prescribed 13 business park area is. 14 That's my term. It's just overall they're 15 trying to get as much as 3,000 acres put together, as I understand it. 16 17 I think what we're trying to get at, and 0. 18 perhaps the Chair was trying to get at it, too, is what likelihood is there that there would be 19 industrial development on your land? 20 21 Well, I think there's a pretty high Α. 22 likelihood. 23 First of all, I'd like to identify there's 24 several to the north that are already there that are 25 industrial. If you go to the east about a mile and a

- 1 half, the Iowa DOT is in the process of putting in a
- 2 new interchange on Interstate 29. And it's heavily
- 3 driven by developing this area as well as additional
- 4 growth in the Port Neal area.
- 5 And, if you go another mile or so farther
- 6 east, we're back to Amiee Krogh's property that was
- 7 ahead of me. Her area.
- 8 So all that area is going to be serviced by
- 9 a new interchange on I-29 that's really designed to be
- 10 able to handle the truck traffic and those type of
- 11 things for growth.
- 12 So that's part of the reason we think it's
- 13 going to happen.
- 14 Q. And so this new interchange would be near
- 15 your property?
- 16 A. It's a mile and a half east of this.
- 17 Straight east.
- 18 O. And how would that direct traffic toward
- 19 your property?
- 20 A. Excuse me?
- 21 O. And how would that direct traffic toward
- 22 your property?
- 23 A. Well, it would service the traffic. It
- 24 wouldn't generate traffic in its own right, but, as
- 25 you put in a business here, it would then have access

- 1 to the interstate to come and go wherever it needed
- 2 to.
- It's not like it's drive by, just happening
- 4 to stop in. It's when there's a development here, it
- 5 makes it very accessible for a warehouse, for example,
- 6 to hit the road and get going.
- 7 Q. And did you say the city limits with
- 8 Sioux City come right down to your property?
- 9 A. There's a voluntary easement -- or
- 10 voluntary annexation going on as we speak right there
- 11 on the north side of ours. So right -- this property
- 12 right in here.
- 13 Q. Okay. And has the City of Sioux City
- 14 indicated what they want to do with that annexed
- 15 property?
- 16 A. No. Not to my knowledge anyhow.
- 17 Q. Is there any indication that the City would
- 18 annex your property?
- 19 A. They would voluntarily let us in as well,
- 20 I'm sure.
- 21 Q. Is it your understanding that if the
- 22 pipeline went through your property, nothing could be
- 23 built on top of it?
- 24 A. Yep. We very much are aware of that.
- 25 0. Is that a concern?

- 1 A. A big concern. And that's part of what I
- 2 was talking about earlier. If you're coming in there
- 3 as an industrial property to buy that, that first
- 4 hundred feet or so is going to have pretty minimal
- 5 value to you. About like you could just grow a lawn
- 6 on it at that point in time.
- 7 And that's ground that you're going to talk
- 8 forty, fifty, sixty thousand dollars an acre on, you
- 9 know, in the not too distant future. And so that has
- 10 a big impact.
- 11 Q. Right now you're growing corn and beans on
- 12 that land.
- 13 A. Correct.
- 14 Q. And, at least for now, for the foreseeable
- 15 future, that would be the use of that land?
- 16 A. Correct.
- 17 Q. Do you have any concerns about how the
- 18 pipeline would impact the soil and the fertility of
- 19 the land?
- 20 A. As far as the installation of it? Yes, we
- 21 do. This is an area that doesn't have real deep
- 22 topsoil like some parts of Iowa. So what little
- 23 topsoil we've got we've got to make do with.
- 24 So the separation of the soil is going to
- 25 be very, very important to us. We know that, after

1	they put it back, it's not going to be the same.
2	Certainly we've got other farms where we've
3	had trails through the field for various things or
4	different driveways at different times, and decades
5	later you can still see where they're at. And that
6	was back before we had as heavy equipment going across
7	and what we are going to see here.
8	We've got other farms that have pipelines
9	on them that were put in maybe 30, 40, 50 years ago.
10	And the methods were different, but the pipelines were
11	a lot smaller and didn't do as much disruption. We
12	can still see where those pipelines are today. When
13	we take a look at satellite images and those type of
14	things of our crops, you can see where some of those
15	lines. And they may be 40, 50 years ago that they
16	were put in.
17	So we expect to have crop loss in here for
18	many years.
19	Q. Are there any tiles on your property?
20	A. No, there's no tiles at all in this area.
21	Q. In fact, you have to irrigate; right?
22	A. That's right.
23	Q. Well, you're almost in Nebraska. So I
24	guess that makes sense.
25	A. That's right.

And I wasn't quite clear what your concerns 1 0. 2 were about the irrigation. Do you have that exhibit? 3 Okay. So the irrigation system, if you're Α. not familiar, you pump water to the center point of it 4 5 and it walks in a circle to irrigate. We have one well that services three center pivots. So there's a 6 7 water line going from the well to each of the center pivots. 8 9 So, if you take a look at this diagram, the 10 blue line is a water line. Our well is there in the center where the red circle is. So if you take a look 11 12 at the farthest one to the west on the south end, that 13 water line comes out to the center, there's an 14 electric wire that we bury with it, and so the 15 electric wire powers the center pivots, it's got 16 electric motors on it, and it moves around in a circle 17 and the water sprinkles out on it. 18 We run one of those three at a time, but 19 all those blue water lines are pressurized when the 20 well is running. So, if you cut any one of those 21 lines, you can't run any of them. You've got a geyser 22 at that point in time. 23 So that's why the installation is very 24 critical to us. That it be done after season, after the crop is harvested, or we're not going to be able 25

- 1 to irrigate. And, for that crop year, it's going to
- 2 make a significant difference in our yields.
- 3 Q. So, looking at Exhibit 1, which is on the
- 4 screen now, where would the pipeline be located?
- 5 A. Right up on the north -- right along the
- 6 road basically.
- 7 Q. So very near the well.
- 8 A. Right up -- as they've drawn it, it's right
- 9 on the well. And that's where I said earlier the
- 10 county has told us, "Nope, you can't do that. You
- 11 have to be 100 foot from the well."
- 12 Summit is saying, "No, we don't."
- 13 So we don't know who is right. There's a
- 14 conflict there.
- 15 So, if they have to move the whole pipeline
- 16 south a hundred feet, then we've got a bigger
- 17 argument. If they jog around it, we've got more
- 18 argument than to start with. Because you're just
- 19 eating up our valuable property every time you move
- 20 south.
- 21 And, if Summit has to move south, when
- 22 we're here a few months from now talking about
- 23 Navigator, it's going to have to be farther south yet.
- 24 And that eats up even more.
- 25 Q. So, just briefly, where would the Navigator

- 1 pipeline be in relation to Summit --
- 2 A. Their drawing is basically right on top of
- 3 Summit's right now. There's no communication between
- 4 the two of them that we can tell of. And so they're
- 5 essentially going in the same area.
- 6 We're assuming they would have to move --
- 7 if Summit is there first, we're assuming Navigator
- 8 would have to move south 50 or 100 feet. We don't
- 9 know, but that's our assumption.
- 10 Q. Are you concerned about the safety risks of
- 11 the pipeline?
- 12 A. Yeah, we are. Unlike the other people that
- have been talking, we don't live close to it, so it's
- 14 not our safety as to our homes, but there's four homes
- 15 around it and several others in the area. So we
- 16 certainly are concerned for them and for the overall
- 17 community.
- 18 Like I was showing earlier, we reach out
- 19 close to the Sioux City airport, the city of
- 20 Sergeant Bluff. On the edge of the airport is where
- 21 the Air National Guard has their fuel tankers that fly
- 22 all over the world supplying fuel to military planes.
- So, if you had a real terrible event, it
- 24 could reach up to there. Or it could reach south to
- 25 CF Industries, a large fertilizer/urea plant, and

- 1 impact that as well. As well as the houses around.
- 2 Q. Where would the nearest emergency personnel
- 3 come from?
- 4 A. The nearest ones would be Sergeant Bluff.
- 5 A volunteer group. Depending on the situation, they
- 6 might come from the Sioux City Airport or the City of
- 7 Sioux City, but the official ones would be Sergeant
- 8 Bluff. It's about three miles. Two or three miles.
- 9 It's a volunteer group.
- 10 Q. And how far is Sioux City?
- 11 A. To the fire department, it's probably five
- 12 miles, six miles.
- 13 Q. You said that you had had some conversation
- 14 with Summit representatives?
- 15 A. We have.
- 16 Q. Do you know how many times?
- 17 A. Well, not near as many as they recorded on
- 18 their document. There's a lot of those that I don't
- 19 think we had conversations. But we've probably talked
- 20 to them live and in person sitting down with a meeting
- 21 three times, four times. There's been a number of
- 22 phone calls, emails.
- We haven't been chasing them off the
- 24 property, that type of thing. We've been trying to be
- 25 business-like as we approach it.

- 1 We told them from day one we don't want it.
- 2 And, like I said earlier, we've got commercial ground
- 3 to sell, not farm ground.
- 4 We've had conversations with them in the
- 5 last three months, I suppose. One of the
- 6 representatives came and knocked on my door, my house
- 7 in Clive, and talked to us for a little bit.
- 8 And then I submitted a series of questions
- 9 to them, and they really didn't answer them for the
- 10 most part.
- 11 Q. So they weren't very helpful?
- 12 A. I would say they were pretty evasive.
- 13 Q. Did you have any meaningful discussions
- 14 with them at all?
- 15 A. Well, we talked through their easement at a
- 16 high level. You know, we sat down and went through
- 17 it. And looked at their proposal and what they would
- 18 pay. And told them, "No, go back to the drawing
- 19 board. Nowhere close to enough."
- 20 And that's about as far as we got.
- 21 Q. Is any of your property in any kind of a
- 22 government program or conservation program?
- 23 A. No conservation programs. It's in the
- 24 normal commodity programs and crop insurance, but
- 25 that's it.

So why have you not signed an easement? 1 0. 2 Well, first of all, we don't really want Α. 3 them on the property is the main thing. And, second 4 of all, if the price was right, we probably would 5 ultimately sign. But, again, at commercial rates. Not at farm rates. 6 7 We know it's going to be sold. If they want to be the owners of 80 acres, we'd sell them 8 9 We don't want to sell them four or five. 80 acres. 10 And Summit never came up with the money Q. 11 that you thought was appropriate. 12 Α. No. No, they're using county average for 13 all of Woodbury County for value of the land. And, of 14 course, that was -- they first gave us that proposal 15 18 months, two years ago, whenever this started. that data is probably four years old now from when it 16 17 was created. 18 Farmland in Woodbury County certainly has 19 gone up a lot. And their average, as always, is the 20 best of the worst and the worst of the best. So their average price is a quarter or less of probably what 21 22 you'd take to buy farmland in this area. Maybe a 23 third. For commercial land it's maybe, you know, a 24 fifth of what it should be. Or more -- a greater 25 difference anyhow.

As we take a look at it, I'd mention that 1 2 the zoning that's in place on this area here allows 3 solar farms. We've been approached by three or four organizations wanting to put solar farms in. 4 5 One of the things we've learned from that is -- there's multiple things. First of all, 6 7 there's an easement that you give them. It has an end 8 It may be 40 years down the road, but at least 9 it's got an end date. When they're done, they pick up 10 all their stuff and leave. You don't have any sign of 11 it left. 12 In the interim, they're paying you every 13 A much better rate than what this is proposed 14 to be. And it goes up every year as well. 15 0. What does? 16 Α. The payment that they make as a solar farm 17 goes up every year. 18 Additionally, what we learned is that if 19 you have an easement just like this one -- say we want 20 to put that 80 acres in a solar farm. Where that easement is, they don't pay as much. They pay about 21 22 15 or 20 percent of what they would if it didn't have 23 an easement there. So anytime there's a pipeline or telephone 24 line or hazardous pipeline underneath a solar farm,

25

Α.

for that area they pay you less. And so that's about 1 2 our best estimate of the impact of what this pipeline 3 is going to have to us. You get about -- on an annual 4 basis, about six times as much from a solar farm where 5 they can put the glass in and be generating income versus an area that has somebody else's easement on 6 7 it. Because they can't use it, they can't build on And so that gives us a good proxy for the impact 8 9 that a pipeline easement has to us in a negative 10 If that makes sense to you. 11 MR. TAYLOR: Thank you. That's all the 12 questions I have. 13 BOARD CHAIR HELLAND: Thank you. 14 Ms. Gruenhagen. 15 CROSS-EXAMINATION BY MS. GRUENHAGEN: 16 My name is Chris Gruenhagen. I'm here 17 0. representing the Iowa Farm Bureau in the proceedings 18 19 So I have a few questions for you. 20 I see you filed, like, four or five comments in the record? 21 22 Correct. Α. 23 Did you file any more than that? 0.

didn't show up for some reason. I tried searching

I think there was some more in there that

1	last night and the old ones didn't come up.
2	Q. Are Charles and Barbara your parents?
3	A. They are.
4	Q. So the comments they filed would also be
5	part of the family properties.
6	A. Right.
7	Q. And I think there's at least one on CoBar?
8	A. Right.
9	Q. That would be related to your property as
10	well?
11	A. Right.
12	Q. One item that I think was mentioned in your
13	father's comment that you haven't discussed today is
14	he mentions something that he would like a bonding
15	requirement?
16	A. Correct.
17	Q. Have you talked with them about that?
18	Could you explain that a little bit?
19	A. Really what we want to make sure is that
20	whoever owns the easement Summit's going to start
21	with it and we don't expect them to keep it forever.
22	To make sure that whoever owns it has the strength to
23	follow through on what the commitments are within the
24	easement.
25	We don't know who Summit is. You know, in

my prior life, I was in a business where we did lots 1 2 of retail financing and leasing. If I was going to 3 lease you a lawn mower or a tractor, we wanted to know 4 who you were to make sure you could pay us back and 5 you could fulfill your obligations. We would like to see the same thing on the 6 pipeline. We have no clue if Summit can live up to 7 8 their promises. We have no clue what the next owner 9 can do. 10 And that's where the bonding or whatever 11 methodology to assure that the leaseholder lives up to 12 their obligations to keep us whole from liability but 13 also as far as the ongoing commitments to maintain the 14 property and the pipeline and all those sorts of 15 things. We think it's only fair that we, as 16 17 landowners, know who it is that we're dealing with. 18 And not just, okay, it's Summit, LLC, based out of 19 Delaware, but who is the owners? 20 Again, if I was leasing you a \$500,000 tractor, I'm going to want to know who was behind 21 22 CoBar, Inc., if it was us buying it. 23 We get nothing on that of course. 24 As we look down the road, one of my fears

is end of the life of the pipeline. They say, "Well,

- 1 we can just abandon it in place." Or if there's a
- 2 problem. They could sell it to any kid walking down
- 3 the street with 20 bucks in his pocket and now he's
- 4 the owner. He's got nothing behind him, no ability to
- 5 fulfill the obligations. There's nothing to prevent
- 6 it.
- 7 And so we're taking all the risk in the
- 8 long run is our concern. That's what Dad was putting
- 9 in his comments.
- 10 Q. So you talked a little bit about abandoning
- 11 in place. Would you like the option of asking -- if
- 12 it was not used any longer, would you like the option
- of asking them to remove the pipe?
- 14 A. Yeah, we very definitely want that option,
- 15 at our option, to take it out.
- 16 And we also believe that it should not be a
- 17 forever easement. This pipeline has got a finite
- 18 life. And certainly, from what I understand, the
- 19 permit to operate it has a finite life.
- If, as it's been proposed to us or
- 21 explained to us, it is only for a CO2 pipeline and
- 22 nothing else ever can go in there, is what we've been
- 23 told by Summit reps, and the fiber-optic is only tied
- 24 to the pipeline, in my mind if 20 years from now
- 25 they're no longer using the pipe, the easement should

- 1 come back to us automatically right then and there.
- 2 They don't need to keep it for another hundred years,
- 3 it's not going to do them any good. And that's
- 4 whether the pipe comes out or not. If it's not in
- 5 use, the land should come back to us and the various
- 6 rights that go with it.
- 7 Q. Is there a farm tenant on the property or
- 8 do one of your siblings --
- 9 A. My brother farms it.
- 10 Q. Your brother farms it.
- 11 A. With his son.
- 12 Q. Is he leasing it then?
- 13 A. Yeah, there's a lease to him.
- Q. When you were talking to Mr. Taylor, you
- 15 mentioned that you expected crop loss for many years.
- 16 A. Uh-huh.
- 17 Q. If that crop loss continued on past that
- 18 three-year or five-year period, would you want Summit
- 19 to compensate you for that crop loss reduction?
- 20 A. Yes, I would. And I think it's vaguely in
- 21 there that they would if you request it, but it's not
- 22 very clear or definitive.
- 23 O. And then did you receive the packet of
- 24 information in the notice for the hearing?
- 25 A. The big postcard-type thing?

Not the postcard. There would have been a 1 0. 2 mailer talking about eminent domain and --3 I think we did, yes. Α. 4 MS. GRUENHAGEN: Would staff mind pulling 5 up one of the Exhibit Hs. 6 Α. Yes, we got the Exhibit H. 7 BY MS. GRUENHAGEN: 8 You did get it? Q. 9 MS. GRUENHAGEN: You don't need to pull it 10 up. 11 BY MS. GRUENHAGEN: 12 Q. So you've seen the Exhibit H? 13 Α. Yes. 14 Have you read through that? 0. 15 Α. Right. Are you familiar with where the Exhibit H 16 0. 17 says that they want to route the pipeline? 18 Yeah, anywhere they want basically is what Α. 19 And that's one of the issues we have as well 20 is that within the easement itself and then the Exhibit H it appears they're given rights to the whole 21 22 80 acres between the two ownerships. 23 The one -- I forget which letter it is, but one of the exhibits with the lease -- or the easement 24 25 does talk about, you know, the 50 foot and that type

- 1 of thing. But it's not absolute or clear where
- 2 they're going to go.
- When I asked the question of Summit in my
- 4 list of questions I referenced earlier whether that
- 5 would be defined in the final lease document, the
- 6 response was, yes, that it would be. And I also asked
- 7 about their access to it, and he assured me that they
- 8 would, in our case, require in it that they could only
- 9 access it from the two roads on the east and west and
- 10 not come in crossways.
- And that's the type of definition we need.
- 12 That's not what we get from the field reps who don't
- 13 seem to know a whole lot or just reading the easement
- 14 raw and cold.
- 15 O. So if the Board decides to grant the
- 16 permit, would you want to make sure those provisions
- 17 were in there?
- 18 A. Oh, definitely. We've got lots more
- 19 questions that we've accumulated as it goes to the
- 20 easement before we sign it that have to be addressed
- 21 with our attorney and the Summit people.
- 22 Q. So would you like the opportunity to
- 23 negotiate an easement if the pipeline permit is
- 24 granted?
- 25 A. Yeah. If it's granted, we're going to have

- 1 to find a solution.
- 2 Q. And would you want Summit to offer the best
- 3 terms and compensation that they had offered to other
- 4 landowners at the time?
- 5 A. We want the best out of the whole 2,000
- 6 miles.
- 7 Q. And you've already talked about access. Do
- 8 you know what size pipe that Summit is proposing to
- 9 put into your property?
- 10 A. It's called "Let's Make a Deal" by the
- 11 looks of things. The lease says up to 24 inches. The
- 12 Exhibit H, I think, says 12. And the -- one of the
- 13 exhibits that we've got says 16.
- 14 So pick a number, I think, is the answer.
- 15 We really don't know what's really going to be there.
- 16 Q. Would you like the easement to be specific
- 17 about what size pipe?
- 18 A. Absolutely. Before we sign it, it's got to
- 19 be very specific that it's one and only pipe and that
- 20 this is the size.
- 21 Q. And, if Summit wanted to move the pipeline
- 22 to another part of your property, would you expect
- 23 them to acquire a different easement from you?
- 24 A. Absolutely. The second one costs more.
- 25 Q. And, if they needed to change the grade of

your property during or after construction, would you 1 2 want them to consult with you before doing that? 3 Very definitely. And, in our case, it's Α. flat. About like this tabletop. So there better not 4 5 be much grade change. MS. GRUENHAGEN: That's all the questions I 6 7 have. 8 Thank you. THE WITNESS: 9 BOARD CHAIR HELLAND: Thank you. 10 Mr. Williams. 11 MR. WILLIAMS: Thank you. 12 CROSS-EXAMINATION 13 BY MR. WILLIAMS: 14 One of your earlier comments you pivoted 0. 15 away from. So I'd like to expand on it. 16 You made a comment that three years is not 17 enough. I assume that's a reference to the compensation that's potentially been offered by Summit 18 19 to cover crop loss; correct? 20 Α. Correct. Why is that not enough? 21 Q. 22 Well, we believe that the damage will last Α. 23 longer than that. From our experience and other times 24 when things have been dug up, we look around at other 25 farms, whether it's been an old building site where

- 1 something was dug up or a trail or whatever, it takes
- 2 more than three years to recover from digging a hole.
- And we see -- in our own work where we bury
- 4 irrigation pipe, we can see where that is for several
- 5 years beyond that. Much smaller, a lot lighter -- you
- 6 know, that's just a trench, no heavy equipment. And
- 7 you can still tell it for years. And there's settling
- 8 and those type of things.
- 9 We expect this one with heavy equipment to
- 10 be a bigger impact.
- 11 Q. I think you mentioned that you had looked
- 12 at aerials at one point and could see past historical
- 13 lines from disruption of soil that had dated back to
- 14 about 40, 50 years ago.
- 15 Did I hear that right?
- 16 A. Right.
- 17 Q. We've had testimony over the last two days
- 18 that basically people have mentioned it could be
- 19 several years to forever where disruptions to your
- 20 soil won't be resolved.
- 21 Are you somewhere closer to the never be
- 22 resolved end?
- 23 A. It's hard to tell for sure. We've never
- 24 experienced this type of disruption of our soil. You
- 25 know, where they're going to push the topsoil off.

- 1 And, what they told us, it will take 160, 180 days on
- 2 our property to complete the project. So it's going
- 3 to be moved and removed and worked on in the mud and
- 4 the rain and the snow and put back together. We don't
- 5 know what that will be.
- 6 We know -- like I mentioned earlier, we
- 7 don't have a lot of topsoil to lose here. So the more
- 8 you mess it up, the more you compact it below, sift
- 9 out the topsoil we got and put it back, it's going to
- 10 be an impact for a long time. I don't know whether
- 11 that's 5 years or 25 years.
- 12 Q. You had also mentioned that you -- I think
- 13 I heard it correctly. That you hoped that if this
- 14 pipeline was to be put on your property that they
- 15 would do it in the fall.
- 16 A. Certainly when we're not growing a crop.
- 17 Q. Right. And you understand, from the
- 18 easement agreement that you've seen to this point
- 19 that's been offered you, that you don't really have
- 20 any say on that.
- 21 A. That's right. They're going to go when
- 22 they want to.
- 23 One of the questions that we haven't got an
- 24 answer to is let's say they start tomorrow. They're
- 25 not going to be done in this crop year. A cold hard

- 1 winter, they may not finish up until the next crop
- 2 year. When does year one of the three years start?
- 3 That's not defined.
- In that scenario, let's say they did start
- 5 in August. Destroy this year's crop. Prevent next
- 6 year's crop from being planted in a timely manner. We
- 7 expect two year ones in that case and then start the
- 8 counting.
- 9 Q. "Two year ones." What does that mean?
- 10 A. That means a hundred percent payout of what
- 11 the value of the crop is.
- 12 Q. Thank you. So coupled with the fact you
- don't really have any discretion over when they start
- 14 the project combined with everything else, I won't go
- 15 through it all, of course, because you laid it pretty
- 16 much all out with the questions I was planning to ask
- 17 you, would it be true that there really isn't a
- 18 resolution to those problems when it concerns your
- 19 land and an easement with addressing some of the
- 20 things that Farm Bureau brought up? That just doesn't
- 21 work for you.
- 22 Is that fair?
- 23 A. If I -- try that again to make sure I
- 24 understand you.
- 25 Q. Sure. Maybe it wasn't a great question.

So, with all the risks and everything that 1 2 you understand of the burdens placed on you by the 3 easement agreement, would it be fair to say that there really isn't a remedy for an easement agreement to 4 5 satisfy you? 6 Α. It would be very difficult, yes. 7 MR. WILLIAMS: That's all the questions I 8 have. Thank you. 9 BOARD CHAIR HELLAND: Thank you. 10 Board Member Byrnes. 11 BOARD MEMBER BYRNES: Mr. Oehlerking, just 12 a few things that I want to ask about. 13 And if I could get -- that map we have up 14 right now, if you could just zoom out. 15 I'm just curious on some other things in It looks like there is an enormous amount 16 the area. 17 of activity in this region. 18 THE WITNESS: Yep, there is. 19 BOARD MEMBER BYRNES: I'm just curious what 20 a couple things are. 21 So if we go to the south and we go to the 22 east and there's a -- I'm not sure what that says. 23 Something "USA." 24 THE WITNESS: I'm not sure what you're 25 looking at.

1	BOARD MEMBER BYRNES: If yeah, right
2	there. What is that facility?
3	THE WITNESS: Gelita. That's an outfit
4	that takes as I understand it, it's a manufacturing
5	plant that takes offal from packing plants and turns
6	it into gelatin and those type of things. It's a
7	pretty sizeable operation.
8	BOARD MEMBER BYRNES: And then if we
9	continue to go to the south and we just stop at the
10	first facility here.
11	THE WITNESS: So that's CF Industries.
12	That large building that runs east and west there, as
13	I understand it that's where they store urea. Pretty
14	explosive stuff in the wrong combination. And I think
15	that building don't quote me. I think it's around
16	a quarter of a mile long. It's a big building.
17	BOARD MEMBER BYRNES: And then if we keep
18	going south
19	THE WITNESS: Farther south is the
20	mothballed Port Neal power plant right there next to
21	it.
22	BOARD MEMBER BYRNES: So a coal-powered
23	facility?
24	THE WITNESS: Coal plant. Farther south
25	I can't tell you exact order, but there's AGP soybean

1	processing down there, Koch Industries, another power
2	plant that is active, and there's other stuff I can't
3	remember what all is down there.
4	BOARD MEMBER BYRNES: So it's active.
5	THE WITNESS: It's active. And it's right
6	along the Missouri River. All along there.
7	BOARD MEMBER BYRNES: And then if we can go
8	back up to I believe it was Highway 29. So is the
9	interchange already under construction?
10	THE WITNESS: No.
11	BOARD MEMBER BYRNES: It's not.
12	THE WITNESS: It's proposed to start, I
13	think, in '26.
14	BOARD MEMBER BYRNES: So, with our hand
15	here, or the pointer, can you show me where that
16	proposed interchange is going to happen?
17	THE WITNESS: Well, Amiee Krogh that was
18	here could probably better explain it because it's
19	going right by her house. My understanding is it's
20	coming across right in between those two houses and
21	going over this way to Highway 75.
22	So there will be an interchange right here
23	south of 235th Street. In that area. It will go
24	across this field and over in there somewhere. And
25	then go on Highway 75, and there will be an

1	interchange onto Interstate 29 right there.
2	BOARD MEMBER BYRNES: And then to the west
3	side approximately it's a slanted road right there.
4	THE WITNESS: Yeah, I think it gets here at
5	Port Neal Road and then jogs north a little bit to
6	235th. I think.
7	BOARD MEMBER BYRNES: Gotcha. But in that
8	vicinity anyway.
9	THE WITNESS: In that general area.
10	BOARD MEMBER BYRNES: Okay. Thank you.
11	And maybe you mentioned this and I just didn't catch
12	it. I'm taking a lot of notes here.
13	How deep are your irrigation lines?
14	THE WITNESS: I think they're five feet.
15	I'm not sure.
16	BOARD MEMBER BYRNES: To get below the
17	frost line?
18	THE WITNESS: Oh, yeah. They're in that
19	five- to six-foot range. So we'd expect this to be
20	below that. Is what we would want.
21	BOARD MEMBER BYRNES: And, Mr. Oehlerking,
22	I kind of asked so yesterday I don't know if you
23	watched any of the witnesses yesterday.
24	THE WITNESS: Some of it.
25	BOARD MEMBER BYRNES: We had an individual

here from Charles City, from Floyd County, and there's 1 2 an industrial park. And the proposed pipeline is to 3 go through that industrial park. 4 One of the questions I had for him -- and 5 I've been part of these projects as well where, you know, in our community we try to create a shovel-ready 6 site and whatnot and there's a whole checklist of 7 infrastructure that they would like you to have. 8 9 And so one of the things I asked that 10 individual yesterday is are these pipelines becoming -- is there a chance it becomes part of the 11 12 infrastructure. Is it something that, you know, could 13 actually be beneficial to your facility -- or to your 14 land as development occurs. 15 And my question to him yesterday was did you have a conversation with Summit on could there be 16 17 a potential -- if that pipeline were to go through 18 your land and it's going to be developed for industrial or manufacturing someday, and you have a 19 manufacturer that actually wants to sequester their 20 carbon, is there an opportunity on that facility where 21 you could, or they could, make it so you could inject 22 23 carbon into the pipeline. Or maybe it's a company 24 that actually needs to use carbon, whether you could 25 withdraw carbon off that pipeline.

1	Has that conversation happened with them at
2	all?
3	THE WITNESS: We've had no conversation on
4	that. And I'm sure the people we've talked to would
5	have no clue.
6	BOARD MEMBER BYRNES: Okay. But it sounds
7	like in your negotiation process you did have a
8	sit-down meeting and some back-and-forth conversation.
9	THE WITNESS: Yeah, we've had two or three
10	with Summit. We've had some with Navigator. So they
11	kind of run together after a while. But we've had
12	multiple sit-downs with them.
13	BOARD MEMBER BYRNES: Did you ever
14	counteroffer back to them then?
15	THE WITNESS: We have not yet.
16	BOARD MEMBER BYRNES: I think that's all I
17	have. Thank you very much.
18	BOARD MEMBER MARTZ: I had one additional
19	question. I don't think we asked if you had any
20	proposed alternative routes for the line if it were to
21	be permitted.
22	THE WITNESS: Well, our simplest
23	alternative is just say no. From location of the
24	pipeline. And I guess I'd add into that if you
25	ultimately can't say no to the whole thing, our

1	request would at least say no to eminent domain. Even
2	if you say, "Okay, go ahead with the pipeline," don't
3	give them eminent domain.
4	If this program is so valuable and so
5	successful and they've got 70 percent of the people
6	that want it, go find the other 30 percent, pay them
7	what they want, and put it somewhere else.
8	If we had to we've had some discussion
9	move the line to the south edge of our property.
10	Selfishly, that's a good deal for us, but it puts it
11	right in the backyard of two houses.
12	That's about the only choice you've got
13	here. We don't want it through the middle of the
14	field. So it's got to be on the top or the bottom.
15	BOARD MEMBER MARTZ: Thank you.
16	BOARD CHAIR HELLAND: Okay.
17	Mr. Oehlerking, you're excused. Thank you.
18	Appreciate it.
19	THE WITNESS: Thank you.
20	BOARD CHAIR HELLAND: Okay. The Board will
21	call Tom and I'm not sure if it's Konz or Konz. So
22	you're going to have to correct me as soon as you're
23	up here.
24	MR. KONZ: It's Konz.
25	BOARD CHAIR HELLAND: Thank you. Can you

1	go ahead and raise your right hand, please.
2	TOM KONZ,
3	called as a witness, being first duly sworn by Board
4	Chair Helland, was examined and testified as follows:
5	BOARD CHAIR HELLAND: I'd ask you to scoot
6	next to the mic. There you go. Thank you.
7	Can you please go ahead and spell your name
8	and provide your address.
9	THE WITNESS: Tom, T-o-m, Konz, K-o-n-z,
10	4176 Nettle Avenue, Granville, Iowa 51022.
11	BOARD CHAIR HELLAND: Thank you. And it
12	looks like we're talking about two properties today.
13	H-OB-027 and 028.
14	Are those the two contiguous properties
15	right there?
16	THE WITNESS: Correct.
17	BOARD CHAIR HELLAND: How do you refer to
18	those parcels?
19	THE WITNESS: My home place.
20	BOARD CHAIR HELLAND: That's fine. Can you
21	go ahead and provide us a description of its current
22	usage but also any potential future usage?
23	THE WITNESS: Okay. It's a corn/bean crop
24	rotation is what it's used for now. I actually own
25	the acreage there in the picture. I'm represented as

a tenant farming the ground. But the person that is 1 2 also living next to this pipeline coming in, we also 3 have a business on that acreage. An ag repair shop. 4 So it's possible that we'd like to -- or we 5 were always talking about relocating that business off the acreage and moving it north to the north fence 6 line. Which is potentially right where this pipeline 7 is proposed to run. 8 9 So that does concern me. And it takes away 10 our opportunity to do anything of that sort in the 11 future also. 12 The reason we would move north is we put 13 three-phase electricity in to our place several years 14 ago, and it runs to the south edge of my acreage is as 15 far as it goes. So moving south does not work without more transmission lines and more expense that way. 16 So 17 we always felt if we could work it out with the 18 landowner, that north would be our option at some 19 point. 20 But that has not happened. We are not doing that at this time either yet. 21 22 BOARD CHAIR HELLAND: I'm sorry. So go 23 ahead and kind of walk me through that again. 24 You live on that acreage? 25 THE WITNESS: Yes.

1	BOARD CHAIR HELLAND: But you don't own the
2	red shaded area. You're the tenant farmer.
3	THE WITNESS: I am the tenant.
4	BOARD CHAIR HELLAND: But you are
5	considering moving at least a portion of either the
6	business or other structures to the north?
7	THE WITNESS: Yes, to the north fence line.
8	BOARD CHAIR HELLAND: And the phase three
9	stops at the fence line?
10	THE WITNESS: No, the phase three stops at
11	the south edge of my acreage. We already have it all
12	the way to our acreage.
13	BOARD CHAIR HELLAND: Gotcha. Gotcha.
14	Okay. Appreciate that.
15	THE WITNESS: Which we paid for to get it
16	there.
17	BOARD CHAIR HELLAND: Thank you. And I
18	apologize for prying, but what was the cost to run the
19	phase three?
20	THE WITNESS: At the time, they put it on a
21	30-year payment. They considered it to be
22	approximately \$40,000, but they just put it on our
23	electricity bill for "x" amount of years and we had to
24	use so much electricity to make the payments.
25	BOARD CHAIR HELLAND: Okay. So, for the

red shaded area, can you detail or walk us through a 1 2 description of the land, including tile, waterways, 3 low-lying areas, other buried infrastructure or 4 overhead infrastructure. 5 THE WITNESS: Okay. So we're going to start with tile. If you look to the west side of the 6 7 road, you'll see the grass waterway. So all the water 8 is running to that point. So you're --9 BOARD CHAIR HELLAND: Hold on. 10 THE WITNESS: Did I hit something? 11 BOARD CHAIR HELLAND: I don't think you 12 did. 13 Oh. THE WITNESS: I was going to say... 14 BOARD CHAIR HELLAND: There you go. Go 15 ahead. THE WITNESS: So that's how the water 16 17 system runs. And that's where all the tile run to is 18 under the road right there. 19 But, as far as the pipeline, there is one 20 tile that will run to the north and up along the north fence line running straight east. And, as you get 21 22 through the hill, there's a hill there right in the 23 center of the two 40s, it comes back to the south. 24 But that's the only tile line that they will interfere 25 with.

4	DOIDD GUITD WELLIND I I I I I I
1	BOARD CHAIR HELLAND: And, to clarify, you
2	said the tile "will" run. Is it not in?
3	THE WITNESS: No, there's tile in there.
4	BOARD CHAIR HELLAND: So there is tile
5	there.
6	THE WITNESS: Yes.
7	BOARD CHAIR HELLAND: Thank you. And then
8	the sort of squiggly line that I assume is a waterway,
9	can you confirm for us what that terrain feature is
10	that kind of runs from where the tile leads in on the
11	west and then it runs down to the southeast?
12	THE WITNESS: Yes. So the water comes in
13	up here and it runs down, you can see the black
14	through here, and it all goes this way. But there's a
15	hill through this ground right here. So there's also
16	tile that runs up along here, goes right next to the
17	fence, gets on the other side of that little black
18	there because this whole pocket back here has to go
19	this way.
20	And, if you look to my neighbor to the
21	north, you can see that line, that line, and I believe
22	there's another line right up here next to the fence
23	where he's already tiled and brought that to the north
24	that way.
25	So we would only be interrupting one tile

1	line there that is definitely fixable.
2	BOARD CHAIR HELLAND: And how deep is that
3	tile?
4	THE WITNESS: That tile would be
5	approximately four feet deep unless the ground has
6	eroded off of it.
7	BOARD CHAIR HELLAND: And is it clay tile?
8	Modern tile?
9	THE WITNESS: It will be most likely a
10	five- or six-inch cement tile.
11	BOARD CHAIR HELLAND: And you walked us
12	through the aboveground facilities there. I
13	appreciate that.
14	Can you give us an idea how far those
15	facilities are from the proposed line?
16	THE WITNESS: You mean the tile line?
17	BOARD CHAIR HELLAND: No, I'm sorry, from
18	the proposed project line. Not from the tile line.
19	From the proposed route for the pipeline. How far
20	from the properties, from the structures.
21	And we can just draw a line, I guess.
22	That's probably easier.
23	THE WITNESS: I guess I didn't understand
24	what you were asking there.
25	BOARD CHAIR HELLAND: That's okay. I could

1	have rephrased it.
2	THE WITNESS: Okay. The shop is
3	approximately 1,100 feet from the pipeline.
4	BOARD CHAIR HELLAND: And then Tom's
5	Repair.
6	THE WITNESS: Correct.
7	BOARD CHAIR HELLAND: What's the general
8	customer how many customers per day do you see
9	running through your property? Or month.
10	THE WITNESS: I can't tell you. A lot.
11	We've got eight full-time techs. So we go through 150
12	combines a year. It's really busy.
13	BOARD CHAIR HELLAND: So a lot in the
14	sense that I mean, you can't count in the sense
15	that or you don't have a number in the sense
16	that it's a big number, not it's just not very
17	often.
18	THE WITNESS: It's a big number.
19	BOARD CHAIR HELLAND: Are there any other
20	terrain features or anything else on the property, the
21	shaded area in particular, that's not easily
22	noticeable from this particular map?
23	THE WITNESS: Okay. So the fiber-optic
24	line will run in the shoulder of the road and runs up
25	past the it just runs in the right-of-way. There's

also a rural water line that ends -- Osceola Rural 1 2 Water ends at our place. It is 20 feet into the field 3 off the right-of-way running north and south. 4 Those would be the only two other easements 5 that are on it. There is a -- on this part where I said 6 7 that water comes along the fence in the tile, it's 8 hard to see, but right in this area, right where the 9 pipeline will go, that is a spot where all the water 10 comes around this hill and it cuts that out. 11 So there's an erosion issue there that 12 we've -- we've hauled topsoil after building on the 13 home place there. Several times I've hauled extra 14 black dirt down there and just kept putting it in as 15 topsoil over it so it doesn't get so bad. But I am a little concerned about the 16 17 process of what they're going to do here and what it 18 will do to that ground after that. Because you're 19 going to open that up right where that erosion is at. 20 So I'm a little concerned about how we're going to get that ground firmed back up and get that 21 22 erosion not to cut way faster than it has over the 23 last 20 years. So that's one concern of ours. 24 I've got many concerns. Probably one of 25 the first ones is going to be safety. How will Summit

- 1 protect my family, my employees, the customers. How
- 2 will they guarantee that this won't blow. It's a
- 3 hazardous pipeline. And we're there working every
- 4 day.
- 5 How and why does Summit feel they can use
- 6 eminent domain to just take our ground. I don't get
- 7 that. For a private use company.
- 8 I will say -- and we'll get into this a
- 9 little more later, but they are willing to negotiate.
- 10 They will talk to us. We've dealt with them many
- 11 times. And I'll get into that a little bit more here
- 12 later.
- I don't understand why we were served
- 14 eminent domain papers in July before this process has
- 15 even started. As a tenant, I did not get that black
- 16 piece of paper that that lady had up here before, but
- 17 I had a neighbor bring it to me. So I was able to
- 18 read it.
- 19 I didn't do anything with it just because
- 20 I'm a tenant. But my landlord has told me all along,
- 21 "You take care of it, you handle it."
- 22 So we met with Summit, we laid everything
- 23 out on the line, what we wanted, what we were
- 24 thinking, knowing that -- and this wasn't the first
- 25 time we had done this. We had done this a long time

We shot for the moon. We asked for -- I mean, 1 ago. 2 to me, the ground is priceless. 3 But, obviously, after doing that nine 4 months ago and no response, no coming back, they kind of knew where we stood. That we weren't interested. 5 But we also -- after getting seven eminent domain 6 papers on a Saturday and signing for them, it's like I 7 don't get this and how does this work like this. 8 9 So we met with them before that and laid 10 everything out. Got absolutely no response from them That black piece of paper, if you flip it 11 at all. 12 over and you fill it out -- I ended up filling it out 13 two days after the deadline. And I had called in 14 after -- I think it was around August 4th or 5th and asked I think it was Liz from Iowa Utilities Board if 15 there's any way that we could be part of this hearing. 16 17 And it was absolutely amazing the response 18 we got from Summit after that. I think they've been 19 on my yard just about every day since then. 20 So, to me, that's wrong. They did not want me here, but it shouldn't take coming in front of this 21 22 Board to get a response from them. And we weren't 23 asking for a lot. But we'll go through some of the 24 things that we were asking. Having a business, having 25 Insurance.

employees, having families, who is liable? What if 1 2 something does happen? I talked to my insurance 3 agents this week. Nobody will comment on any of that. 4 And I don't believe anybody is going to comment on it 5 until there is an accident with this hazardous 6 pipeline. 7 Soil separation. For me, safety and soil separation and compaction are three of the most 8 9 important things of this. It's not the money on the 10 It's not the money for my landlord on the pipeline. 11 She's said all along, "Take care of the pipeline. 12 ground." 13 So we've been working very hard on the soil 14 separation. And the Summit agent has been out, he's 15 doing -- he's worked very hard also. I've talked to the engineers with him in the pickup. I mean, he's 16 17 located me, he's found me, I mean -- but we cannot get 18 down to an answer on soil separation. 19 Other people here today also talked about 20 soil separation and how important it is. And, if anybody that knows anything about Granville, Iowa, 21 it's the home of black soil. So it's very good soil. 22 23 But I went through the Dakota Access 24 pipeline on my wife's family farm. And one thing I 25 learned from it is if it's not in writing -- it don't

- 1 matter what you say, how you say it, what you talked
- 2 about, if it's not spelled out in writing, it means
- 3 nothing.
- And, when this crew comes in to put this
- 5 pipeline in, your rights are gone. You have no
- 6 rights. And they say you do have rights. If it's not
- 7 spelled out black and white, there are no rights.
- 8 So soil separation for me is very
- 9 important. We've been working on this in the last
- 10 week with Summit. I got back yesterday. On my chair
- in my office, it says "Organics." That's all it says.
- 12 That's the first pile.
- 13 What does that mean? Spell it out. I want
- 14 to see it in writing. I've told my agent several
- 15 times, "I will go out there with an excavator, a
- 16 little excavator, and I will dig four places in the
- 17 field. I'll tell you exactly how I want it separated.
- 18 I want it in writing so it's done right. I won't make
- 19 it difficult, but it's got to be spelled out in
- 20 writing. I want three layers. I want my topsoil, I
- 21 want my clay loam, and then you can put the rest of
- 22 the soil together. I'm fine with that. But it will
- 23 be spelled out in writing."
- 24 They are working on that. We just don't
- 25 have the clarity that it needs to be.

1	Digging on this ground. I said that we
2	went through Dakota Access. That was an absolute
3	nightmare. In one section, I think I've seen seven of
4	the biggest excavators come in and tear that ground
5	up. Which is also in Granville, Iowa. And, to this
6	day, and in my lifetime, that ground will never be the
7	same.
8	These guys are telling me that they're
9	going to come in with a dozer and they're going to
10	take off the topsoil. I can deal with that.
11	Then they're telling me that they're going
12	to come in with two trenchers. One is going to take
13	the first the second soil line off, however many
14	inches, which I would say is going to be two feet off,
15	and the third one is going to come in and dig the rest
16	out to the final one and put it on the other side of
17	the trench. But nobody will put that in writing or
18	guarantee that that process is going to work.
19	In my head, all I see is seven excavators
20	compacting the heck out of my ground and tearing
21	everything up. And it don't matter whether it's wet,
22	dry, they're going. They're going to destroy the
23	blacktop when they drive them across the blacktop.
24	The ditches will never be the same.
25	It just it is what it is. And I want it

- 1 in writing, I'd like to see that, but nobody will give
- 2 me a straight answer on if this is how they're going
- 3 to do it or not.
- 4 Everybody up here is talking about
- 5 compaction. What's the process going to look like?
- 6 Anybody that can go on Google Earth, go over the
- 7 Dakota Access line and look at the line. It is very
- 8 identifiable from the air. You ought to be a farmer
- 9 that owns that ground. Drive by on the road.
- The technology we have in our combines
- 11 today, you can't hide crop loss. It will spell it out
- 12 on that map unbelievably.
- I can't argue with Dakota Access, I held
- 14 out, and I got paid for ten years up front. I'm not
- 15 going to argue with them. Ten years is not going to
- 16 cut it. We're on our seventh year. It will red line
- 17 that combine every time going through there.
- 18 Not only that, we are along a blacktop
- 19 there also. The bore hole was a huge hole. They told
- 20 me then, too, they'll bring me topsoil in to replace
- 21 my topsoil. I've not seen it yet to this day, and we
- 22 continue every year to try to get that farm leveled
- 23 back out and it's not going to happen. Twenty years
- 24 will not cut it.
- In our negotiations here, they're paying us

for three years. It will be in writing and who we 1 2 need to talk to to get payment from then on. 3 I can't put a ten-year on it. Because I know for a 4 fact now, if we're going to do this process like 5 Dakota did, ten years is not going to cut it. If they come in here with trenchers, it 6 might make a world of difference. I don't know that. 7 8 I hope we have a better process today than we had 9 then. 10 I think it's very important that people 11 look at the land, how they're going to separate the 12 soil, and every farm is different. The man that was 13 up here before me down by Sioux City, there's a reason 14 there's irrigators on that farm. His soil is 15 different than my farm. I'm dumping tile in the ground. He's dumping water in the ground. So there's 16 17 nobody that knows that land better than the farmer. 18 The value of this land. For us, as 19 farmers, it's priceless. If you want a private 20 company to put a line in, they need to pay for it. That's what it comes down to. I mean, you've got to 21 22 be sensible with what you're asking, but they also 23 still need to pay it. 24 The guy up here before me said, "Do you 25 want a line or something running in your backyard?

Put a price." He said, "Sleep on it. Think about 1 2 it." 3 They're doing the same thing in our land. 4 If you would want something run in your backyard, what 5 kind of value would you put on it? The next thing you need to look at, if it's 6 7 a hazardous pipeline, you better think about what you're allowing here because it's something that you 8 9 have to live with forever. For yourself, your family, 10 your kids. Once it's in, you can't change it. And, 11 if something happens, that's when people are going to 12 start looking at what's going on. 13 So the value of the ground is absolutely 14 priceless. The value of the ground don't mean as much 15 to me as if you take the heart of this family farm out. And, if it isn't people owning it from the 16 17 United States, I sure would not want it owned by a 18 foreign country. There is no guarantee on that 19 Nobody will tell me that. You hear a lot of either. 20 things. What is the truth? Why are we hiding from 21 it? 22 I personally feel back in July, July 17th I 23 believe, when we get five eminent domain envelopes --24 I even got eminent domain envelopes from people I 25 don't even know on land I don't even know. I'm not

And I've got -- and I didn't call 1 even the tenant. 2 It's not my job to do their job. 3 But, when you start opening all these 4 envelopes, it's pretty intimidating in what they're 5 doing, and I just don't feel this is the right 6 process. 7 I asked them to -- on this particular piece of ground, on that north fence line -- I've asked them 8 9 for a lot of things, but we'll get -- one of the 10 things I've asked them for is to flip the easement. 11 They got a 50-foot temporary easement, they got a 12 50-foot work easement, and they've got 10 foot on the 13 other side of the easement. 14 I don't remember exactly how it was, but 15 how it was laid out and the way you see in your picture there with the negotiations we've had over the 16 17 last two weeks since we filed for this to be here, 18 we've asked them to flip that. I'd prefer them to put 19 it against the fence line so we don't have ground on 20 both sides that isn't in this easement. 21 So now we've got 10 foot along the fence, 22 we've got a 50-foot permanent easement, and then we've 23 got a 50-foot work easement. They did do that. And I 24 appreciate that. 25 One of the other things I asked them to do,

1	after the Dakota Access line and the bore pit, I
2	wanted an explanation and in writing what bore pit
3	means and how big this is.
4	And they were willing to do that. And they
5	did put it in writing.
6	And so everybody knows here, we're along a
7	blacktop, we're boring under the road, the bore pit is
8	10 feet wide, up to 8 feet deep, 15 feet long. That
9	is what is spelled out as a bore pit. I can live with
10	that.
11	On the north line here is where our main
12	driveway is. That's where we come in and out of this
13	field with semis, that's how we get the grain out of
14	the field.
15	I asked them with flipping the pipeline
16	BOARD CHAIR HELLAND: Sorry, Mr. Konz. The
17	driveway is where again?
18	THE WITNESS: The driveway is right there.
19	BOARD CHAIR HELLAND: Okay. So there is a
20	driveway clear up in the northwest corner.
21	THE WITNESS: That's the main driveway is
22	where it is. You can see it there.
23	BOARD CHAIR HELLAND: Thank you.
24	THE WITNESS: So now, just to get an idea
25	on the pipeline, you've got the white line there, but,

with their negotiations, they move this pipeline, 1 2 there's 10 feet along this fence, a 50-foot permanent 3 easement, so that puts the pipeline 35 feet from the 4 fence. 5 So we have a rural water line running 20 feet from the grass in our field. It's 20 feet 6 7 from the right-of-way. And they're allowing me 190 feet from the center of the road. So they're 8 9 going -- from the center of the road here, they're 10 going 190 feet into my field. And that's where the 11 bore hole starts. 12 And that was done, per our request, to keep 13 that hole away from the driveway so our semis don't 14 drop in that hole. And I appreciate they were willing 15 to work with us on that. And they were willing to do I have no complaints there at all on that. 16 that. 17 think we can work around that. We know where it's at. 18 The topsoil replacement. First of all, the 19 only place we might have problems is where that bore 20 hole is and where I said our washing problem will be. What I don't understand as a farmer, as a 21 22 mentor to the land, where they ever think they're 23 going to get topsoil to replace -- because we -- I 24 mean, you're going to have a bore hole on this side, 25 you're going to have a -- where does this topsoil come

23

24

25

Sit

1	from to replace this?
2	Because that's what they told us on Dakota
3	Access, too, and we've got nothing but a mess. We
4	keep moving dirt from our farm, from outside the
5	easement in, to get this thing after the compaction
6	is done, get it back where it's supposed to be.
7	Seven, eight years later, it's totally identifiable.
8	And I don't have to explain that to you. Go to Google
9	Maps, follow the line, look at every blacktop, you'll
10	see every bore hole. It is crazy.
11	And that is exactly what you're going to
12	see here on a Google Map forever from this point
13	forward once this line is in.
14	Again, for me, they are willing to

15 negotiate. It's not about the money. It's about the 16 land. And I will give them credit that they're trying 17 and they're working on it. So we will get where we need to get with this thing, but, preferably, for 18 19 myself and my landowner, we don't want the line. But 20 there's just things that need to be in writing for it 21 to work. 22 And I don't know what our choices are. Ιf

right now is what needs to happen with everybody.

we can hold out. I don't believe eminent domain

should be used. I believe what this company is doing

25

down, lay it out, negotiate it, figure it out. 1 And 2 they're not here to destroy the land and we're aren't 3 here to destroy the land. And that's what needs to be 4 worked out on this. 5 So that's all I have. 6 BOARD CHAIR HELLAND: That was fantastic, I 7 appreciate it, and now I have a lot of questions. 8 THE WITNESS: Okay. 9 Specifically, when BOARD CHAIR HELLAND: 10 you spoke about the Dakota Access line, you said your 11 combine red lines. 12 Can you elaborate on what you mean when you 13 say "red lines." THE WITNESS: Well, it depends on how you 14 15 will have your yield monitor calibrated. generally, it will be a for sure 20 bushel across the 16 17 board to red line it to get it -- and some of them are 18 more than that. But it's identifiably -- if that 19 white line was there, it will red line all the way 20 across it. 21 BOARD CHAIR HELLAND: I wanted to clarify. 22 When you say "red line," you mean there's a yield 23 There's not actually a spike in the rpm's 24 required to go through that area.

THE WITNESS: No. But -- it doesn't mean

1	the ground isn't producing. It means it's lacking.
2	BOARD CHAIR HELLAND: I appreciate your
3	description and how you elaborated on your
4	relationship with the landlord. I think that's lost
5	on some people. That, in some cases, landlords and
6	tenants get along very well and share and sometimes
7	they don't.
8	As a lawyer, it still blows my mind how
9	many acres have no contract and just a handshake. But
10	I understand.
11	The tile. The crop loss. Have you
12	discussed that with your landlord? If you were to
13	tile this or the tile that is in there. Did you
14	pay for that? Did the landlord pay for that?
15	THE WITNESS: The tile that is in there
16	today, that line was put in long before I was around.
17	All the rest of the tile that's put in that farm I've
18	paid for.
19	BOARD CHAIR HELLAND: So this is, in a lot
20	of ways, more of a partnership than a true
21	tenant-landlord relationship.
22	THE WITNESS: Yes. This is a family farm.
23	Her father got me started farming. And it is a
24	handshake.
25	BOARD CHAIR HELLAND: Gotcha. I know how

1	that works.
2	So I guess I should ask that. So the
3	tenant, is that your father-in-law? Or the landlord.
4	Is that your father-in-law?
5	THE WITNESS: No. No. No relation.
6	BOARD CHAIR HELLAND: The driveway in the
7	northwest corner there. I looks like there's a parcel
8	in the red shaded area. Is that the same parcel as
9	this or is that a different farm altogether?
10	THE WITNESS: That's the neighbor's farm.
11	BOARD CHAIR HELLAND: And do you share that
12	driveway?
13	THE WITNESS: Yes.
14	BOARD CHAIR HELLAND: You spoke a lot about
15	the three layers of soil and making sure it's sorted
16	properly and returned properly. And then you touched
17	on soil moisture when executing the project.
18	Have you touched on any type of agreement
19	as to what the soil moisture would be to operate and
20	put the potential project in?
21	THE WITNESS: We have talked that over. We
22	have nothing in writing on that. And that is not
23	Summit's fault. That is our fault. There's some big
24	hurdles we were trying to cross first and then you
25	have all the little ones that you've got to get. To

me, that's a little one, and we've got to get through 1 2 the big ones first. 3 Once we get through them -- I told them 4 that, you know, once we got things where we as the 5 landlord wants it and the tenant wants it, then it needs to go to our lawyers to make sure that 6 there's -- I'm not a lawyer. So that's their job to 7 8 look at it to make sure I'm not missing anything. 9 BOARD CHAIR HELLAND: That is all the 10 questions I had. 11 It looked like Board Member Martz had one, 12 but we're going to go to the parties and then come 13 She did, as an electrical engineer, correct me 14 and make sure that I said three phase -- what's that? 15 (Brief pause.) 16 BOARD CHAIR HELLAND: Let's go ahead and 17 turn it over to the parties. 18 Mr. Taylor. 19 CROSS-EXAMINATION 20 BY MR. TAYLOR: I'm Wally Taylor. I represent the Sierra 21 0. 22 Club. 23 So how long have you been farming this 24 land? 25 1992. Α.

1	Q. What county is it in?
2	A. O'Brien.
3	Q. And it's my understanding you live in that
4	area of buildings that's on the map.
5	A. That is correct.
6	Q. Are you concerned about the impact on the
7	land from the installation and operation of the
8	pipeline?
9	A. Absolutely. I wouldn't be concerned if
10	they could give me a positive answer of how it was
11	going to be installed. But that's not clear. They
12	will not guarantee anything. They'll tell me these
13	things like the trenchers. I'm all for the
14	trenching, but they will not guarantee it. It's a
15	24-inch line.
16	Q. Is it a 24-inch line on that property?
17	A. I believe so.
18	Q. Are you worried about compaction and the
19	topsoil?
20	A. It all has to do with installation.
21	Q. How would they install it to do it right?
22	BOARD CHAIR HELLAND: Mr. Taylor, I
23	appreciate your questions. Respectfully, every
24	question you just asked, except for one, has already
25	been asked and answered. I really want to give you a

- 1 chance to ask the questions that you deem necessary,
- 2 but please refrain from asking questions that have
- 3 already been asked. Thank you.
- 4 MR. TAYLOR: For the record, I'm just
- 5 trying to clarify some of the answers that he gave.
- 6 BY MR. TAYLOR:
- 7 Q. You said there was a hill in the center of
- 8 the parcels?
- 9 A. Yeah, a slight hill, grade, definitely.
- 10 Q. Is that a concern at all?
- 11 A. No, it's -- the only concern is the place
- 12 where the erosion is.
- 13 Q. Since you live so close to the pipeline,
- 14 are you concerned about safety?
- 15 A. Absolutely.
- 16 Q. What's your concern about that?
- 17 A. I don't know enough about the pipeline.
- 18 All you hear is, if something would happen, you won't
- 19 have a chance. So that concerns me. Especially when
- 20 you're responsible for the families of all your
- 21 employees, your own family, your customers. That's
- 22 why I called the insurance company. The last thing I
- 23 want is, once this goes through, not to be insurable.
- 24 They won't tell me anything.
- 25 Q. Would it be your preference not to have the

1	pipeline there at all?
2	A. I would rather not have it.
3	Q. Do you feel like you have no choice?
4	A. I feel after July, when we got all the
5	eminent domain papers a month before this hearing,
6	that it is being forced upon us to negotiate.
7	Q. Would you rather not negotiate?
8	A. I would rather not negotiate at all. But,
9	after going through Dakota, I understand that if you
10	don't negotiate and get things the way you think is
11	the best it can possibly be, you have no choice later.
12	That is why the eminent domain process is not an
13	option on something that is privately owned.
14	Negotiate it out.
15	Q. You mentioned that the topsoil couldn't be
16	replaced. Why can't you replace it?
17	A. As a farmer, we work every year to build
18	that soil into what it is. You just can't haul that
19	soil in. And, if you do, where are you getting it
20	from. Nobody has ever been able to tell me that. Are
21	you going to my neighbor and take his soil and put it
22	in my field?
23	This is Granville Iowa, home of black soil.
24	I mean, this doesn't happen. And, even if you do haul
25	topsoil back in, do you know how many years it's going

- 1 to take you to get that soil and that organic matter
- 2 in that soil to be in the condition that the rest of
- 3 the soil around it was? That 120 feet or 100 feet or
- 4 110 feet will never be the same.
- 5 But right over that pipeline, however they
- 6 put that pipeline in and install that pipeline, that,
- 7 in my lifetime, and probably even my son's lifetime,
- 8 we'll never see it back to where it is today.
- 9 Q. Do you believe they can separate the
- 10 topsoil and save it and put it back?
- 11 A. I believe if you get it in writing of what
- 12 you want, I think it's doable. I truly believe the
- 13 crews will do what they said, but, if it is not on
- 14 that sheet -- they're going to do exactly what that
- 15 sheet is.
- 16 Summit wants no differences in any of these
- 17 negotiations. They want them all the same. They came
- 18 out to my place two weeks ago on a Saturday and said,
- 19 "We got what you wanted."
- I read that segregation, that topsoil
- 21 segregation, and I said, "That says nothing. That is
- 22 not even close to what we're asking."
- 23 And they have worked on it. And I got it
- 24 back yesterday. And it's closer. We have three piles
- 25 now. We just don't know the depths. But that's not

- 1 all their fault because, in order to get the depths,
- 2 we either have to do soil testing or I need to go out
- 3 there and dig and tell them what I want. And that's
- 4 what I told my guy. We need measurements. Pretty
- 5 simple.
- 6 Q. But, at this point, you're still not
- 7 satisfied with what Summit has been telling you.
- 8 A. It's not correct yet. But they're working
- 9 on it.
- 10 MR. TAYLOR: Thank you. That's all the
- 11 questions I have.
- 12 BOARD CHAIR HELLAND: Thank you.
- 13 Mr. Williams.
- 14 CROSS-EXAMINATION
- 15 BY MR. WILLIAMS:
- 16 Q. I know that you talked about the topsoil
- 17 issue at length in this time that you've been up here.
- 18 Have you talked about fixating the pipeline
- 19 in a specific location on your property; i.e.,
- 20 removing the language in the easement that says that
- 21 it may differ from whatever they've told you?
- 22 A. We have moved the pipeline. And they were
- 23 willing to flip the pipeline.
- Q. I hear you, but have you -- there's
- 25 language within the easement that basically indicates

1	that they may deviate from the location that they've
2	proposed to you.
3	So have you addressed that issue in the
4	easement?
5	A. No, but we will.
6	MR. DUBLINSKE: Objection, Your Honor.
7	BOARD CHAIR HELLAND: State your objection.
8	MR. DUBLINSKE: Yeah, and I had hoped that
9	after Mr. Leonard had objected yesterday and someone
10	withdrew their complaint that we had gotten this myth
11	out of the case, but I'm afraid it's taken on a life
12	of its own.
13	That is just a pure misrepresentation of
14	what the easement says. If we could actually move
15	this anywhere, neither we nor Board or staff would
16	spend all the time and all the detail on the
17	Exhibit H. It has a very specific metes and bounds
18	description, it has a surveyed plat map, and we cannot
19	move it.
20	Once the Board issues a permit and approves
21	those Exhibit Hs, that is the easement. That cannot
22	move anywhere. And it's just pure misinformation
23	that's being embedded in this question over and over
24	and over.
25	And we've heard landowners get up and say,

1

- "I thought you knew where until I heard this
- 2 yesterday." Right? And it's actually making the case
- 3 needlessly complicated because we're getting
- 4 misinformation as parts of questions.
- 5 I think the Board knows well from past
- practice it just isn't true. And the Board's 6
- 7 amendment rules would make no sense if we could just
- pick up the easement and move it wherever we want. 8
- 9 So I object to that misinformation as a
- 10 legal conclusion being embedded in the question.
- 11 BOARD CHAIR HELLAND: Thank you. Mr. -- go
- 12 ahead.
- 13 MR. WILLIAMS: Could I ask a clarifying
- 14 question before the Board rules on that? In terms of
- the metes and bounds issue that's raised? 15
- 16 (Brief pause.)
- 17 BOARD CHAIR HELLAND: Go ahead.
- 18 MR. WILLIAMS: Thank you.
- 19 BY MR. WILLIAMS:
- 20 Does your easement agreement that you are Q.
- dealing with with Summit have specific metes and 21
- bounds described in it? 22
- 23 I can't answer that correctly. Don't know. Α.
- 24 We will get there. I know what I'm asking for, I know
- 25 what they have on paper. The lawyers will determine

that it's going to tell me exactly what I have been 1 2 shown. 3 The map is flipped. It's moved against the 4 fence line. 5 I'm not a lawyer. That is going to be their job to tell me that that map represents what I 6 7 want. And, if it does not, we go back to Summit. 8 Is it your expectation that whatever Q. 9 negotiation process you're entering into will have a 10 specific route laid out for you? 11 Α. Absolutely. I get the distinct impression from --12 Q. 13 MR. WILLIAMS: Oh. Before I move on, does 14 that take care of the objection that's pending? 15 BOARD CHAIR HELLAND: I apologize. thought you were going to ask us a clarifying question 16 17 on our rules. Which was awkward. 18 I think we've moved on by now. Although I 19 will note that would have been sustained had we not 20 moved on. So thank you. 21 MR. WILLIAMS: Fair enough. 22 BY MR. WILLIAMS: 23 I get the distinct impression from you, 0. 24 sir, that you see this as a bit of an inevitability, this whole process, and you're just trying to prepare 25

1	for that in advance as opposed to having the Board
2	dictate to you what will happen with your property.
3	Is that fair?
4	A. That's fair.
5	MR. WILLIAMS: No other questions. Thank
6	you.
7	BOARD CHAIR HELLAND: Thank you. I
8	inadvertently skipped over Farm Bureau. Because I
9	can't see over there.
10	So Mr. Meyers. Farm Bureau.
11	CROSS-EXAMINATION
12	BY MR. MEYERS:
13	Q. Hi, Mr. Konz. My name is David Meyers. I
14	am an attorney with the Iowa Farm Bureau, and I'll
15	have some questions for you.
16	And I'm kind of summarizing, so please
17	correct me if I'm wrong, but getting easement language
18	in writing is very important to you?
19	A. Correct.
20	Q. And you have reviewed if I say "the
21	Exhibit H document," you know what I am referring to?
22	The eminent domain outline of the proposed route with
23	easement language?
24	A. Correct.
25	Q. And so just a couple questions there. If

Summit were to come -- this is all under the 1 2 assumption the pipeline is granted. So bear that in 3 mind for these questions. 4 Okay? 5 If Summit were to come back and repair the pipeline, you would want them to follow ag land 6 restoration rules? 7 8 Α. Correct. 9 And, if Summit were to move the pipeline, 0. 10 you would want them to acquire a new easement? 11 Α. Correct. In the easement agreement, again if the 12 Q. 13 project is granted, you would want there to be 14 language identifying where Summit can enter and exit 15 your property? 16 Α. Correct. 17 I believe you mentioned it earlier, but can 0. you just remind me the size of the pipe that Summit 18 19 would like to install on your property? 20 The proposed pipe is 24 inches. Α. And would you like the Board's order for 21 Q. 22 the easement, again if granted, to identify a specific 23 limit that Summit can only install a 24-inch pipe? 24 Α. Yes. That's as big as I'd like to see. 25 That's what they've proposed. So that's what I'm

- 1 restricting it to.
- 2 Q. And I know you mentioned there is kind of a
- 3 hill in about the middle of the two parcels. If
- 4 Summit were to change the grade when installing the
- 5 pipeline, would you want Summit to consult with you
- 6 before changing the grade?
- 7 A. Correct.
- 8 Q. And are you enrolled in any crop insurance
- 9 program?
- 10 A. We are.
- 11 Q. And are you enrolled in any other federal
- 12 farming programs?
- 13 A. Not on that piece of land.
- 14 Q. And you mentioned the proposed route is
- 15 going through one section of tile?
- 16 A. Correct.
- 17 Q. And would you expect Summit -- if the
- 18 permit is granted and they start construction and they
- 19 damage that tile, they would pay to repair it?
- 20 A. Yes. I'd want it repaired. We tile
- 21 ourselves. I'd like to repair it myself. I'll work
- 22 that out with them.
- 23 O. And let's say years down the road we have a
- 24 few seasons of dryness and it is determined, for
- 25 example, five years down the road that that tile was

1	damaged, would you want Summit to come in and repair
2	it?
3	A. Correct.
4	Q. Have you filed any objections or comments
5	in this docket?
6	A. I have not.
7	Q. And just one last question. Is the
8	Navigator route crossing either of these two parcels?
9	A. No, it is not.
10	MR. MEYERS: Perfect. Thank you. That's
11	all the questions I have.
12	BOARD CHAIR HELLAND: Thank you.
13	Mr. Dublinske.
14	MR. DUBLINSKE: Thank you, Your Honor.
15	CROSS-EXAMINATION
16	BY MR. DUBLINSKE:
17	Q. Good afternoon, Mr
18	A. Konz.
19	Q Konz. Just a couple things. You had
20	expressed a couple concerns about the land restoration
21	and the topsoil.
22	Are you aware that the Utilities Board has
23	an extensive set of rules that Summit would have to
24	follow in terms of how the soil is separated,
25	segregated, and replaced?

1	A. I am.
2	Q. And do you know that those have been
3	strengthened since Dakota Access went through?
4	A. I would hope so.
5	Q. And those now require a soil survey by an
6	agronomist with multiple test points on easement
7	across your parcel.
8	Are you familiar with that?
9	A. Yes, they offered that.
10	Q. You said it was your in-laws' parcel that
11	had DAPL on it that you were familiar with? Is that
12	correct?
13	A. What was that? My in-laws?
14	Q. The DAPL parcel that you were familiar
15	with.
16	A. It's my wife's home farm.
17	Q. And, since DAPL went in, do you know, has
18	that parcel been able to be insured?
19	A. Yes.
20	MR. DUBLINSKE: No further questions.
21	BOARD CHAIR HELLAND: Thank you.
22	Board Member Byrnes.
23	BOARD MEMBER BYRNES: Just one quick thing.
24	Can you repeat for me again what the size of that bore
25	hole was. I think you said something like 8 by 10

1 by --2 THE WITNESS: The bore hole is 10 feet wide, up to 8 feet deep, by 15 feet long is what we 3 were guaranteed. 4 5 BOARD MEMBER BYRNES: Perfect. That's all 6 I had. Thank you, sir. 7 BOARD CHAIR HELLAND: Thank you, Mr. Konz. Appreciate it. 8 9 Okay. We're going to do a quick ten-minute 10 break and then we will be back. When we return we 11 will call our final witness for the day -- and my list 12 has gone missing. 13 Thank you. 14 Mr. Robert Faber has chosen not to testify. 15 So our final witness will be David or Ladonna Hoffmann 16 on two different properties. 17 So we will be back in ten minutes or eleven 18 minutes at --19 MR. WILLIAMS: Board Chair, a question if 20 you don't mind? BOARD CHAIR HELLAND: Go ahead. 21 22 MR. WILLIAMS: I'm curious to know at this 23 stage -- obviously, next week we all know what's going on, it's going to be more of these particular 24 25 individuals that are testifying next week, I believe.

1	But beyond that, and beyond September 8, does the
2	Board have a sense of who is going next in the process
3	and when?
4	BOARD CHAIR HELLAND: The list is being
5	finalized. However, as soon as we are done with
6	intervenors, Summit will go first.
7	MR. WILLIAMS: How much lead time does the
8	Board anticipate that we'll know the exact date that
9	Summit will go?
10	BOARD CHAIR HELLAND: The Daily or Weekly
11	Digest will keep us all posted.
12	MR. WILLIAMS: So a week pretty much then?
13	BOARD CHAIR HELLAND: Check the Daily and
14	Weekly Digest, Mr. Williams. We'll get it to you as
15	quickly as we can. Thank you.
16	Okay. I guess we'll see everybody at 3:31.
17	(Recess taken at 3:21 p.m.)
18	(Hearing resumed at 3:32 p.m.)
19	BOARD CHAIR HELLAND: It's 3:32. We can go
20	back on the record.
21	All right. David or Ladonna Hoffmann.
22	Come on up.
23	MS. RYON: Your Honor, as Mrs. Hoffmann
24	approaches, I'd like to inform the Board the Hoffmanns
25	have engaged me to represent them during their

1	testimony for the limited purposes of that scope.
2	Thank you.
3	BOARD CHAIR HELLAND: Thank you.
4	MS. HOFFMANN: My name is Ladonna Hoffmann.
5	BOARD CHAIR HELLAND: You're fine. You're
6	all right. If you'd go ahead and raise your right
7	hand.
8	MS. HOFFMANN: Ladonna Hoffmann.
9	BOARD CHAIR HELLAND: Hold on. I'll walk
10	you through it. We'll make it as easy as we can.
11	MS. HOFFMANN: I'm sorry.
12	BOARD CHAIR HELLAND: You'll be fine. Are
13	you ready? Go ahead and raise your right hand.
14	LADONNA HOFFMANN,
15	called as a witness, being first duly sworn by Board
16	Chair Helland, was examined and testified as follows:
17	BOARD CHAIR HELLAND: Now go ahead and
18	provide your name and spell it. And your address as
19	well.
20	THE WITNESS: Okay. Ladonna Hoffmann.
21	L-a-D-o-n-n-a H-o-f-f-m-a-n-n. 1255 120th street,
22	Renwick, Iowa 50577.
23	BOARD CHAIR HELLAND: And we are, once
24	again, dealing with two properties. Are they
25	contiguous here on the screen?

1	THE WITNESS: Yes. Yes.
2	BOARD CHAIR HELLAND: And we call them
3	H-WR-039 and WR-125. Can we call them that or is
4	there a different name you'd like to use?
5	THE WITNESS: That's as good as anything.
6	BOARD CHAIR HELLAND: Okay. Thank you.
7	Can you go ahead and describe the current use of your
8	property and any plans you may have for a different
9	use in the future.
10	THE WITNESS: Okay. It's farmed on a
11	all tillable on a corn/soybean crop rotation. It's
12	been in our family for over a hundred years. My
13	husband's grandfather purchased the farm in 1907 and
14	farmed it for several years. And then my husband's
15	dad took over and farmed it for over 60 years. And
16	we've farmed it for over 30 years before my husband's
17	stroke in 2008. And our two young sons and I
18	continued to farm it for eight years. And, for the
19	last six years, we've rented it.
20	And we hope to pass this property down to
21	our children and grandchildren. They're interested in
22	farming it at some point too. So we've worked hard to
23	take care of it and preserve it for future
24	generations.
25	BOARD CHAIR HELLAND: You said you're

1	currently renting it?
2	THE WITNESS: Currently. For the last six
3	years, yeah.
4	BOARD CHAIR HELLAND: To someone else
5	within your operation or the farm or just
6	THE WITNESS: A friend.
7	BOARD CHAIR HELLAND: Another tenant?
8	THE WITNESS: Uh-huh.
9	BOARD CHAIR HELLAND: Thank you. Can you
10	provide a general description of the property and then
11	some of the important landmarks, looks like there's a
12	structure moving through it, and then also any of the
13	other structures that we've kind of talked about
14	throughout the day. Waterways, any other
15	infrastructure that's buried.
16	THE WITNESS: Okay. The legal description?
17	Do you want that?
18	BOARD CHAIR HELLAND: Whatever describe
19	it however you would like to. We'll just fill in the
20	details.
21	THE WITNESS: Yeah. It's that would be
22	that east half of the southeast quarter of Section 9,
23	Township 93 North, Range 26, West of the 5th p.m.,
24	Wright County, Iowa. No buildings on the proposed
25	area of the pipeline.
1	

Our farm acreage is located west of this 1 2 I think you can see it down there in the area. 3 Right there. Yeah. That's our acreage. 4 Yeah. There is a main tile line and several 5 lateral lines located in the area of the proposed 6 pipeline. The main line there is right along where 7 8 you kind of see that water flowing there. 9 BOARD CHAIR HELLAND: Running east to west? 10 THE WITNESS: Right. Right. There's a 11 large main tile line there. And then there's several laterals in the south of that. 12 13 BOARD CHAIR HELLAND: Is the main line your 14 Is that a county line? line? 15 THE WITNESS: No, it's a private line. mean -- we just had that main line repaired here in 16 17 the last five years. Because the neighbor to the 18 east, their water comes through there, and it blew out 19 our main tile line. So we've just had new tile put in 20 right there. That's a new tile line actually. 21 BOARD CHAIR HELLAND: And the laterals. Do 22 they extend all the way north and south? 23 THE WITNESS: Yes. Yes. Mostly south. 24 But, I mean, they're all over out there. 25 lateral lines.

1	BOARD CHAIR HELLAND: So, in reality, the
2	proposed route would cross multiple lines at multiple
3	occasions.
4	THE WITNESS: Multiple lines, correct.
5	BOARD CHAIR HELLAND: Do you know the depth
6	of your tile?
7	THE WITNESS: Well, my father-in-law put in
8	most of those lateral lines, but the main tile line
9	that we just repaired it's my understanding is four
10	feet deep.
11	BOARD CHAIR HELLAND: And that waterway, or
12	the structure moving through the middle, is that
13	moving water all the time?
14	THE WITNESS: Well no. I mean, it's
15	you mean in the tile? Or do you mean above the
16	ground?
17	BOARD CHAIR HELLAND: Above the ground. It
18	looks like on the west side there that there might be
19	standing water, and the Boone River I see is
20	THE WITNESS: Well, the Boone River is
21	about a half a mile the Boone River is right north
22	of our acreage. And, yeah, those tiles, I think, run
23	into the Boone River.
24	BOARD CHAIR HELLAND: So, needless to say,
25	that particular strip is wet frequently.

1	THE WITNESS: Yeah. I mean yeah. Yeah.
2	BOARD CHAIR HELLAND: And, generally
3	speaking then, does the field drain from the eastern
4	corners kind of down towards the Boone River?
5	THE WITNESS: Correct. That's my
6	understanding.
7	BOARD CHAIR HELLAND: Other than the tile
8	lines, is there other infrastructure buried in the
9	field? Gas lines? Telephone lines? Water lines?
10	THE WITNESS: No. Nothing.
11	BOARD CHAIR HELLAND: And you said there
12	are no buildings, but there are definitely buildings
13	just west of the tilled the acreage
14	THE WITNESS: Yeah, that's our farm acreage
15	right there in the corner.
16	BOARD CHAIR HELLAND: And are they actually
17	separate parcels or are they the same parcel and the
18	acreage is just there?
19	THE WITNESS: The acreage is a part of that
20	40, right.
21	
	BOARD CHAIR HELLAND: There's a significant
22	green area on the west line. The west part of it.
23	Is that your property as well or is that
24	THE WITNESS: Yes.
25	BOARD CHAIR HELLAND: It is. All the way

1	to the river?
2	THE WITNESS: Yes. Our acreage actually
3	sits on the half section, you know, of that on the
4	quarter line there. So, yeah, our acreage is included
5	in that quarter.
6	And, yeah, that direct to the north of
7	our acreage, within that quarter, we own that. And
8	it's timber and river land out there. Approximately
9	25 acres.
10	BOARD CHAIR HELLAND: Thank you. Does the
11	Boone River frequently flood and when it does
12	THE WITNESS: In wet years, it does, and it
13	floods that area. That's why it's not cropped.
14	BOARD CHAIR HELLAND: Does the river ever
15	flood the actual tilled ground?
16	THE WITNESS: No. No, not not that I
17	can recall.
18	BOARD CHAIR HELLAND: Any other features,
19	conditions that might not be readily apparent that
20	might affect, or be affected, by the project? The
21	proposed project?
22	THE WITNESS: I'm sorry. Would you repeat
23	that question?
24	BOARD CHAIR HELLAND: Are there any
25	features on the map that we maybe can't see? Knolls

or special pockets of a specific soil type, wet areas. 1 2 We can't see everything on the map. You know your 3 property better than anyone. 4 THE WITNESS: You know, that main tile 5 line, of course -- you know, the water comes through that, but that's just been repaired. So it pretty 6 well takes it -- you know, I mean, it pretty well 7 8 takes it to the river. Yeah, we just put thousands of 9 dollars into that to repair that pipeline -- or, 10 excuse me, that tile line. BOARD CHAIR HELLAND: When that main line 11 broke, is there standing water in that area and does 12 13 it back up to the neighbor's as well? 14 THE WITNESS: There was at that time. Ιt 15 really didn't -- somehow it's connected under the river -- or under the road into our tile. Somehow 16 17 his -- his tile somehow runs into our tile. Because, 18 when that tile was repaired, the tiler said, "Hey, 19 you've got your neighbor on the east there just run 20 under the road and connected into your tile. you're taking all his water too." 21 22 BOARD CHAIR HELLAND: I guess that's my 23 Does the integrity of particularly that 24 main line also enable the usefulness of your 25 neighbor's tile? And maybe that's a jump. I don't

1	know.
2	THE WITNESS: You know, it would appear
3	that way. It would appear he's benefiting from
4	rolling into our you know, being connected to our
5	tile.
6	BOARD CHAIR HELLAND: But, when there was a
7	break and it needed repair, it didn't back
8	THE WITNESS: It didn't back into him, but
9	water stood along that break. I mean, it got real
10	muddy out there and there was water standing, yes.
11	BOARD CHAIR HELLAND: Wonderful. Describe
12	any specific concerns you may have and any
13	recommendation you may have for the Board to address
14	your concerns. And, as with the previous landowners,
15	please don't feel constrained to just your property.
16	If you'd like to us hear your thoughts and concerns,
17	that's why we're here.
18	THE WITNESS: Okay. I hope that your Board
19	will consider the huge safety risks associated with
20	these pipelines. Not enough is known about the safety
21	connected with the pipeline. If there was ever a
22	leak, this pipeline would pose serious health threats
23	to us and anyone in the area.
24	I hope you'll look at the video of the leak
25	of the pipeline in Satartia, Mississippi. I mean,

vehicles wouldn't run. First responders wouldn't even 1 2 be able to get to us. You know, I just hope that 3 you'd watch that video and see that our lives are at 4 risk here. 5 These pipelines will ruin our farm ground producing lower yields for years as well as disrupting 6 our tiling and drainage. 7 We depend on our farm income to survive. 8 9 We understand that the proposed pipeline would be 10 located approximately 48 inches underground. Which is the same depth as our tile. Our tiling, which has 11 cost us several thousands of dollars to do, would be 12 13 permanently damaged and could never be repaired to its 14 original state. 15 We feel that this pipeline would ruin our farmland values forever and possibly be obsolete in a 16 17 couple years. Or a few years down the road. 18 So that's our concern. Safety and just, 19 you know, the value of our farm ground. 20 BOARD CHAIR HELLAND: Thank you. 21 THE WITNESS: Loss of productivity. 22 BOARD CHAIR HELLAND: You mentioned 23 48 inches underground. Do you know generally the size 24 of the pipeline being proposed on your parcel? I don't. When I tried to 25 THE WITNESS:

1	understand the easements and read it, it looked like
2	it could be anywhere from 6 to 24 inches.
3	BOARD CHAIR HELLAND: Do you have any
4	recommended alternate routes?
5	THE WITNESS: No. We don't want the
6	pipeline. We don't want a poisonous pipeline under
7	our farm ground. We don't want the safety you
8	know, the safety risks associated with it. I mean, if
9	it would leak, we're going to be dead, you know.
10	It's just no. I no pipeline. I
11	mean, we feel it's our ground. That we should be able
12	to say no to a pipeline that we feel is going to risk
13	our lives and ruin our farmland.
14	I think there are better alternatives than
15	a pipeline. I mean, there is you know, capture the
16	carbon dioxide at the ethanol plant. Do green
17	methane.
18	You know, I just think there's other ways
19	of doing this besides a dangerous pipeline under our
20	ground.
21	BOARD CHAIR HELLAND: Can you get us the
22	distance from the pipeline to their farmstead?
23	2,297.53 feet. Is that what you were about
24	to guess?
25	THE WITNESS: I'm sorry. Two thousand

there's 2,640 feet in that half a mile. To the half 1 2 mile where our acreage is. So -- I'm sorry. What was 3 the amount? 2,297 feet from the -- I tried to 4 understand from your -- from the easement -- you know, 5 the proposed easement, how far that is from like the county -- or the gravel road there, but I wasn't able 6 to see any dimension like that on there. 7 BOARD CHAIR HELLAND: But we're talking 8 9 about a half mile? 10 THE WITNESS: From the proposed pipeline? 11 BOARD CHAIR HELLAND: Yeah. 12 THE WITNESS: Okay. 13 BOARD CHAIR HELLAND: Okay. I do not have 14 any other questions right now. 15 THE WITNESS: I just had one more thing. 16 Are your questions over? 17 BOARD CHAIR HELLAND: Yep. Please do. 18 THE WITNESS: We just wanted to say that we 19 feel this pipeline is for private gain, not for the 20 public good. The pipeline companies are going to make huge profits for themselves at our expense. 21 22 It doesn't seem fair to a farm owner that a 23 pipeline should be able to come in and put in a 24 dangerous pipeline without our permission all for the 25 private gain of the company.

1	It's all about the money and not for the
2	public good, and we feel that eminent domain should
3	not be allowed because these pipelines don't provide
4	any public benefits.
5	The lifetime easement allows Summit to do
6	whatever they want with our farm ground. It seems
7	like it's trying to take away our rights as farm
8	owners to protect our land and our lives.
9	And, you know, would you want these
10	pipelines on your property. Again, like other
11	witnesses have asked. Would you want something
12	dangerous that you felt could possibly kill you if it
13	had and, at some point, there's going to be a leak
14	somewhere. I mean, you know, it happens. And then,
15	you know, people are going to die.
16	Is that what it's going to take to put a
17	stop to these pipelines? I mean, that's my question.
18	I hope you'll consider those things in making your
19	decision.
20	BOARD CHAIR HELLAND: Thank you.
21	THE WITNESS: Thank you.
22	BOARD CHAIR HELLAND: Do the parties have
23	questions?
24	Mr. Taylor.
25	
[

1	CROSS-EXAMINATION
2	BY MR. TAYLOR:
3	Q. I'm Wally Taylor. I represent the Sierra
4	Club.
5	A. Okay.
6	Q. You say you raise corn and beans on this
7	property. Do you have concerns about the impact the
8	pipeline would have on your crops and the soil
9	fertility?
10	A. Definitely. Definitely. I mean, you know,
11	at this point, yeah, you know, the tenant isn't going
12	to want to pay you know, pay decent rent if his
13	crop is impacted. And we depend on that rent. We
14	have bills to pay. Tiling repairs to pay for.
15	Q. Why do you think the crops would be
16	impacted?
17	A. Well, I mean, it's been proven that with
18	the compaction issues and you know, that it affects
19	the productivity.
20	Q. With respect to that waterway that looks
21	like it goes through the center east to west on your
22	property.
23	A. Uh-huh.
24	Q. Do you have concerns about how the
25	construction of the pipeline would impact that?

- 1 A. Definitely. That tiling in there has been,
- 2 you know, just redone to the tune of the thousands of
- 3 dollars. You know -- I mean, yeah. And the lateral
- 4 lines out there. I mean -- yeah. Yeah. I certainly
- 5 wouldn't want that to be messed up.
- 6 Q. You mentioned the safety risks. Do you
- 7 have any idea how far a rupture of the pipeline would
- 8 disperse the CO2?
- 9 A. I've heard anywhere up to three miles. So
- 10 we're definitely -- we're less than a half a mile from
- 11 that pipeline. Because our acreage is right on the
- 12 half mile line there of that road.
- Q. Where would be the nearest place where the
- 14 emergency personnel would come from?
- 15 A. Renwick.
- 16 O. And how far is that?
- 17 A. Five miles.
- 18 O. Is that a small volunteer force?
- 19 A. A small volunteer fire department.
- Q. Where would the nearest emergency personnel
- 21 be that might be more trained to respond to something?
- 22 A. Maybe Clarion. I mean, it would have the
- 23 bigger hospital if you had -- Clarion. Which is about
- 24 25 miles away.
- Q. How far is that? Twenty-five miles?

- 1 A. Uh-huh. Humboldt possibly. Thirty miles.
- Q. What sort of discussions or contacts have
- 3 you had with Summit representatives about them putting
- 4 the pipeline on your property and perhaps signing an
- 5 easement?
- A. Basically none. We just -- we aren't
- 7 interested in the easements. I mean, it's our
- 8 property. We don't want a poisonous pipeline on it.
- 9 So the mailings we've received. But that's pretty
- 10 much it. We did get some calls, but haven't --
- 11 haven't talked to them. We indicated we're not
- 12 interested.
- 13 Q. So you haven't had any real discussions
- 14 with Summit.
- 15 A. No. No.
- 16 Q. How do you feel about the eminent domain?
- 17 A. I think it definitely should not be
- 18 granted. It's not for the public good. These
- 19 pipelines don't do any good for the public. They just
- 20 ruin our farm ground and pose a huge safety threat to
- 21 us.
- 22 Q. Do you foresee any economic damage to you
- 23 if the pipeline is installed?
- 24 A. Definitely.
- Q. In what way?

_	
1	A. Monetarily. Safety. For our safety. I
2	mean, it's a dangerous pipeline.
3	MR. TAYLOR: Thank you. That's all the
4	questions I have.
5	BOARD CHAIR HELLAND: Thank you.
6	Mr. Williams. Go ahead.
7	CROSS-EXAMINATION
8	BY MR. WILLIAMS:
9	Q. Good afternoon. My name is Christian
10	Williams. I represent some of the landowners that are
11	interested parties in this action.
12	I want to read to you, because this issue
13	came up with the last witness, an excerpt from an
14	attachment to an Exhibit H that's been filed in this
15	case. This discusses easement rights.
16	And I'm just going to read it out loud to
17	you, ma'am. I'm not going to put it up for you.
18	"So the easement rights being sought are."
19	That's the first line of the paragraph. And then
20	paragraph i, which is represented as a Roman numeral,
21	lowercase i, is "An unencumbered and unobstructed
22	permanent non-exclusive easement 50 feet in width
23	over," and then I'm going to skip ahead here,
24	"relocating and changing the route, or routes of,
25	abandoning in place and removing at will, in whole or

1	in part, all to the extent permitted by Iowa Code
2	Chapter 479B and Iowa Utility Board rules thereunder
3	one pipeline not to exceed 24 inches in nominal
4	diameter."
5	Did you catch all that?
6	A. Uh-huh.
7	Q. So, backing up to the phrase that says
8	"relocating or changing the route, or routes, of," do
9	you take that to
10	MR. DUBLINSKE: Objection.
11	BOARD CHAIR HELLAND: State your objection.
12	MR. DUBLINSKE: You already ruled on this,
13	Your Honor. This is, again, a misstatement of law
14	worked into the question for disinformation.
15	That relocation is within the easement that
16	is defined in the rest of the Exhibit H. And it's
17	just how this operates. The amendment rule, which
18	used to have a certain amount of wiggle room
19	regardless of the easement which now says that we can
20	change the alignment or make route changes within the
21	permit easement that's all this is.
22	This continued suggestion that we can just
23	pick up the easement regardless of what the diagram
24	and the metes and bounds say and put it anywhere on
25	the property is just simply meant to be inflammatory

25

Q.

and shouldn't be allowed as part of the question. 1 2 And, if there's any question about that, 3 then that only shows that it's a legal conclusion 4 that's not appropriate to bring in through a fact 5 witness. BOARD CHAIR HELLAND: Mr. Williams. 6 7 MR. WILLIAMS: I'm simply asking her to state her understanding of a direct quote from an 8 9 Exhibit H and the easement rights that are being 10 sought. 11 The provision that I read has no limitation in terms of the route and changing the route thereof 12 13 of a 24-inch diameter pipe. 14 So -- I mean, I just quoted -- excuse me. 15 I quoted the language directly. So I don't see where my question gets out of bounds there. 16 17 BOARD CHAIR HELLAND: Okay. Thank you. 18 The objection is sustained. Make your 19 point a different way or move to a different question, 20 please. BY MR. WILLIAMS: 21 22 Have you been presented an easement 0. 23 agreement before you had to come here today? 24 Α. One came in the mail.

Did you review it?

	· · · · · · · · · · · · · · · · · · ·
1	A. I did.
2	Q. And one of the things that was contained
3	within that easement agreement was a provision that
4	basically said that the pipeline could be relocated.
5	Do you recall seeing language similar to my
6	paraphrase there?
7	A. Yeah. Yeah. I mean, it just it seemed
8	like it didn't give the farm owner any protection.
9	You know, it looks like I mean, it was Summit. All
10	one-sided there. That they could basically put it
11	wherever they want. You know, move it wherever they
12	wanted. I mean, yeah, I gather that. I mean, it just
13	was grossly, you know, against the farm owner. Not
14	giving them really any rights.
15	Q. And the Exhibit H quotation that I gave to
16	you before the objection was made, did that strike you
17	as vague?
18	A. I'm sorry?
19	Q. Did the quotation that I gave you, that I
20	read out loud to you before the objection was made,
21	did that statement strike you as vague?
22	A. As vague?
23	Q. Yes.
24	A. Very. Very vague.
25	Q. Did it essentially reinforce your concerns
1	

1	about where the pipeline will truly be set?
2	A. Very much so. You said it in a nutshell.
3	Q. All right. Thank you.
4	A. Thank you.
5	Q. You know, a lot of the things that have
6	been said, including during your testimony, your
7	concerns about compaction and things of that nature,
8	risk of ruptures and leaks that I'm sure you've heard
9	as you've been paying attention to this case,
10	obviously compacting affecting production, your
11	microbial balance within your soil, et cetera.
12	As we sit here, is there really a remedy
13	that can be gained that provides you a benefit in this
14	proceeding through an easement agreement
15	A. No.
16	Q that would satisfy you?
17	A. No.
18	Q. And, in fact, as you sit here today, do you
19	feel that the easement, as proposed, places a lot of
20	risk on you and little risk on the pipeline company?
21	A. Definitely.
22	Q. And, for those reasons, do you view it as a
23	public necessity or convenience?
24	A. No. It's not I can't see any public
25	benefit to it. No, it just nothing. Except for
1	

the benefit of Summit. 1 2 Q. Do you know who Summit is? Who owns it? 3 What assets they have? 4 Α. No. 5 Q. Are you concerned as well, as per the easement agreement that you've seen, that once -- that 6 7 if there comes a point in time where this pipeline starts to go into place on your property, that you're 8 9 really not going to have any say over how they go 10 about their business on your property? 11 Definitely. Α. 12 MR. WILLIAMS: Thank you. No further 13 questions. 14 BOARD CHAIR HELLAND: Thank you, 15 Mr. Williams. 16 Ms. Ryon. You don't have to put it up now. 17 I just assumed you were waiting till last. 18 I was. I wanted to make sure MS. RYON: 19 everyone else had an opportunity. 20 BOARD CHAIR HELLAND: I think you're up. 21 MS. RYON: Thank you, Your Honor. 22 CROSS-EXAMINATION 23 BY MS. RYON: 24 I just have a few additional questions to 0. 25 ask you.

Do you remember when you first received 1 2 notice from the Utilities Board about this proceeding? 3 About the eminent domain proceeding? Α. 4 0. Yes. 5 Α. I believe it was like June, I think, was the date of the letters. Or was it July that we got 6 7 the card? Are you talking about the card that came? That tri-fold document that everyone has 8 0. 9 been talking about. 10 Yeah, that was in July. Α. Oh. That was --11 0. Is that -- I apologize. I didn't mean to talk over you. 12 13 I'm sorry. Yeah, mid to latter July is Α. 14 when that came. I think it's dated in July sometime. 15 And then I mailed it back within a week or so after 16 that. 17 0. Did that mailing contain enough information 18 for you to feel like you understood what would be 19 happening at this proceeding? 20 But I wanted to be heard. Α. No. No. filled in that I would come or I would do it remotely 21 22 or I would do it -- I think I checked three or four of 23 the boxes just so that, you know, I would have a 24 chance to at least, you know, try to protect our 25 rights, our ground, our lives.

24

25

Α.

1 BOARD CHAIR HELLAND: Sorry. Ms. Hoffmann, 2 can you speak into the mic and speak a little louder? 3 I think we caught that. 4 Did we catch that? 5 We caught that, but --6 THE WITNESS: I'm sorry. Yeah, I sent the 7 postcard back. 8 BOARD CHAIR HELLAND: You're fine. 9 BY MS. RYON: 10 Did you ever get anything from the 0. Utilities Board asking your opinion as to what time of 11 12 year, for example what months, would be the most 13 convenient to hold the hearing? 14 Α. No. 15 0. Would it make a difference to you if the 16 hearing were held in November or December as opposed 17 to now? 18 I don't know. Probably not to me, you Α. 19 know. 20 When you make arrangements to attend a Q. hearing like this, what kinds of factors do you have 21 22 to take into account? Whether it be time off work or 23 those types of issues.

arrangements for my -- you know, for my work. And,

Yeah, I work part-time. So I have to make

- 1 you know, I have to make arrangements for my husband.
- 2 He had his stroke. Hasn't been able to talk for 15
- 3 years since the stroke. So I have to -- although he's
- 4 very adamant -- his mind is great. And he's very
- 5 adamantly opposed to this pipeline.
- Anyway, I just have to see that he has what
- 7 he needs during the day. His medication, his food,
- 8 things like that.
- 9 So, yeah, I mean, you have to work around
- 10 all those things when you schedule something. I do
- 11 anyway.
- 12 Q. Earlier there were some -- you heard some
- 13 arguments between a couple of the other lawyers
- 14 relating to the easement contracts.
- Do you feel like after your testimony today
- 16 you understand anything any better than you did
- 17 before?
- 18 A. Not really. No. It's all very vague in
- 19 that easement and it's hard to understand. Yeah.
- 20 Q. Do you think it would have been helpful to
- 21 have Summit's witnesses to go first in order for you
- 22 to understand some of the issues with the pipeline?
- 23 A. I think so.
- 24 MS. RYON: That's all the questions I have
- 25 Your Honor. I'd like to lodge some objections into

1	the record.
2	BOARD CHAIR HELLAND: Go ahead.
3	MS. RYON: Thank you, Your Honor. I'd like
4	to make several objections on behalf of the Hoffmanns.
5	First, I'd like to object that the
6	scheduling of the hearing and moving the landowner
7	testimony to the week beginning August 22nd in the
8	Board's June 16th scheduling order provided inadequate
9	notice and violated the due process rights of the
10	Hoffmanns.
11	I'd also like to object that their due
12	process rights were violated by the Board's changing
13	of the schedule and having them testify before Summit
14	testified given that Summit has the burden of proof
15	and has the information necessary for the Hoffmanns to
16	understand and have a meaningful opportunity to
17	express themselves with respect to the facts.
18	I'd also like to note that the Board's
19	change of the hearing schedule that was previously
20	the standard practice that has previously been used of
21	having the petitioner testify first is inconsistent
22	with Iowa Code Section 17A.10 because it prejudices
23	the substantial rights of the landowners.
24	In this case, those substantial rights are
25	the landowners' property rights under both the Iowa

and the U.S. Constitution as well as their due process 1 2 rights. 3 The schedule change is specifically 4 inconsistent with respect to Subsection 17A.10(k). 5 Because the schedule change is not required by law and its negative impact on landowners' constitutional 6 7 property and due process rights is so grossly 8 disproportionate to the benefits accruing to any 9 potential public interest from the scheduled change 10 that it necessarily lacks any foundation in rational 11 agency policy. 12 That's all my objections. Thank you. 13 BOARD CHAIR HELLAND: Thank you. 14 Are there any questions from the Board? 15 (No response.) BOARD CHAIR HELLAND: No. 16 17 Okay. A few housekeeping items before we 18 adjourn. 19 Thank you. You are excused. Appreciate 20 you coming up. 21 That is our final witness for the day. 22 Circling back to Mr. Williams' question on order of 23 parties. We've got some clarification, and I do 24 believe we intend to release that tomorrow on the 25 iub.iowa.gov/summit page. And so it is our goal and

1	it is our intent to release that tomorrow.
2	MR. WILLIAMS: For I'm sorry. For what
3	time period are you referencing?
4	BOARD CHAIR HELLAND: For the parties. For
5	the remainder of the parties. The order of the
6	parties following conclusion of the landowners.
7	MR. WILLIAMS: Oh. Do you expect that to
8	have an exact date regarding the order of parties?
9	BOARD CHAIR HELLAND: I expect it to be
10	released tomorrow. And we will get to everyone in a
11	timely and orderly fashion assuming we all work
12	together.
13	Okay. On that note, there was a very
14	noticeable change this afternoon. I appreciate
15	everyone working with one another and being respectful
16	to the landowners and making sure they get a chance to
17	be heard and be here.
18	Yes? Mr. Taylor.
19	MR. TAYLOR: Thank you. I can't be here
20	next week. My wife is having surgery. I wondered if
21	there's a possibility that I could participate
22	virtually?
23	BOARD CHAIR HELLAND: First of all, I hope
24	the surgery goes well.
25	MR. TAYLOR: Thank you.
1	

1	BOARD CHAIR HELLAND: We hadn't anticipated
2	legal counsel needing to participate remotely. We had
3	anticipated it for landowners. So it's not a no.
4	We'd like to figure out how we can do it in the
5	particular exigent case and circle back up with you if
6	that's all right.
7	MR. TAYLOR: Sure. Thank you.
8	BOARD CHAIR HELLAND: Good luck to your
9	wife.
10	Again, thank you all
11	MS. RYON: Thank you, Your Honor. I just
12	have I think what is actually just a question for the
13	Board. And it relates to the fact that this morning
14	my client, former congressman Steve King, was in
15	attendance in the public seating area of this hearing,
16	since he is not a party, and he was using his
17	electronic tablet device while he was here.
18	And he did have all of the sounds turned
19	off, but was asked by someone, I don't know whether it
20	was venue staff or security, to cease using that.
21	And I think there has been some confusion
22	among the people in the public seating area about
23	exactly how the rules of conduct are being applied
24	with people feeling like they're trying to comply with
25	the posted rules and not feeling like there's

```
1
     consistency.
 2
                So I guess I would just request that when
 3
     we reconvene next week if the Board could clarify for
 4
     those members in the public area what the rules will
 5
     be that will be enforced.
                BOARD CHAIR HELLAND: The Board will look
 6
     into it and we can clarify on Monday -- on Tuesday.
 7
 8
                So, with that -- unless anyone else has
 9
     anything?
10
                (No response.)
11
                BOARD CHAIR HELLAND: So, with that, we
12
     will recess until 8:00 on Tuesday morning. We did
13
     already communicate with the first witness. The first
14
     witness is available and would like to testify at
15
     8:00. And so we will appease the landowner and be
16
     here at 8 a.m.
17
                Thank you.
18
                (Hearing recessed at 4:10 p.m.,
19
     August 24, 2023.)
20
21
22
23
24
25
```

1	CERTIFICATE
2	I, the undersigned, a Certified Shorthand
3	Reporter of the State of Iowa, do hereby certify that
4	I acted as the official court reporter at the
5	proceedings in the above-entitled matter at the time
6	and place indicated; that I took in shorthand all of
7	the proceedings had at the said time and place and
8	that said shorthand notes were reduced to typewriting
9	under my direction and supervision, and that the
10	foregoing typewritten pages are a full and complete
11	transcript of the shorthand notes so taken.
12	Dated this 9th day of September, 2023.
13	
14	1
15	melissa a. Burns
16	CERTIFIED SHORTHAND REPORTER Melissa A. Burns, Iowa CSR #527
17	
18	
19	
20	
21	
22	
23	
24	
25	

Index: \$10,000..5th

	100th 712:5	18 739:20 740:6	22nd 896:7	
\$	100 11 712.5 107 699:11	811:15	23 609:3 614:15	4
510,000 632:16 754:22	1099s 677:11 110 699:11 859:4	180 823:1 1864 737:16,21, 22,24	235th 738:11,21 741:21 742:20 827:23 828:6	40 665:1 690:16, 23 720:3 729:17 805:9,15 812:8
6 30,000 627:4 632:17	11:31 734:23	190 850:8,10	2381 736:22	822:14 876:20
64,000 626:24	11:46 734:18	1907 872:13	24 614:15 635:19,	40s 835:23
640,000 627:4	11:48 734:24 12 635:12,24	1941 791:21	21 636:1 724:11 772:14 820:11	41 689:1
834:22 5500,000 815:20	696:16,17,19,20	1955 789:24	865:20 881:2 888:3 900:19	4176 832:10 4390 775:3
	748:2 792:5 820:12	1992 855:25 1:15 768:10,11	24-inch 635:17	44 684:10,11
0	12-inch 752:19,		701:18 856:15,16 865:23 889:13	688:13 692:10,1 17 709:2 712:4,6
28 832:13	120 699:12 859:3	2	2457 614:6	23 714:18 717:14 718:4 720:1
35 684:7	120th 871:21	2 791:21 800:3	25 690:12 823:11 877:9 885:24	721:14 733:4 776:7
44 737:2 63 684:7	1255 871:21	2,000 776:15 820:5	25-year 796:21	45 699:10 735:8
	12:27 768:9	2,297 882:3	26 827:13 873:23	767:15 768:4
1	140 779:3,4 15 699:4 733:15	2,297.53 881:23	29 750:11 802:2 827:8 828:1	45-minute 735: 767:20
698:24 699:2,5,7	734:21 775:19	2,600 679:9,17	027.0 020.1	479B 888:2
733:14 789:5 807:3	776:19 792:6 793:6 812:22	2,640 882:1	3	48 880:10,23
,000 776:15	849:8 869:3 895:2	20 686:13 695:7 702:2,4 728:24	3 649:15 723:24	4:10 900:18
,100 838:3	15,000 637:1 15,500 637:1	729:17 730:14 760:17 776:19	3,000 801:15	4th 841:14
,200 698:25 699:2,9 733:14	15-minute 734:18	779:1,5 783:17 790:23 793:7	30 695:7 696:15 699:10 702:2,4,5 723:15 729:17	5
,800 699:24 .5 692:21 704:9	150 737:14 745:15,23 746:7	796:10 812:22 816:3,24 839:2,23 850:6 852:16	796:10 805:9 831:6 872:16	5 735:9 779:1 823:11
718:1	779:3,4 838:11	20,000 637:2,10	30-year 834:21	50 701:9 724:12, 13 729:18 757:1
0 613:1,5 695:7 702:2 730:13 748:2 760:17	16 752:22,23 771:18 820:13	200 647:13 700:5 200-bushel	35 617:24 627:6, 18 850:3	782:15 805:9,15 808:8 818:25
776:19 779:1	16-inch 752:19	744:25	350 791:19	822:14 887:22
781:21 783:17 792:5 848:12,21	160 823:1	200-foot 644:4	350-plus 791:24	50-foot 780:14 782:22 848:11,1
849:8 850:2 868:25 869:2	169th 775:3	2008 872:17	37 620:16	22,23 850:2
0,000 680:3	16th 716:18 896:8 17A 771:19	2021 753:10	3:20 734:15	50117 614:7
00 780:19	17A.10 896:22	2022 753:7	3:21 870:17	50325 775:3
807:11 808:8 859:3	17a.10 690.22 17a.10(k) 771:25 897:4	2023 609:3 769:19 771:18 900:19	3:31 870:16 3:32 870:18,19	50577 871:22 51022 832:10
00- 644:4	JJ1. T			51054 736:22

Index: 6..advance

A					
6 635:24 881:2 9 873:22 178 841:3 86:2 885:1 772:23 788:13 770:4 797:25 82:13,20,24 86:6 66:6 62:1 872:23 857:16 885:1 885:1 86:2 885:1 86:3 990:4 797:25 82:13,20,24 85:23 857:16 86:1 892:1 86:2 885:1 86:1 892:1 86:2 885:1 86:1 892:1 86:2 885:1 86:1 892:1 872:2 89:1 86:1 86:2 86:1 892:1 872:2 89:1 86:1 86:2 86:1 892:1 872:2 89:1 86:1 86:2 86:1 892:1 872:2 89:1 86:1 86:2 86:1 892:1 872:2 89:1 86:1 86:2 86:1 892:1 872:2 89:1 86:1 86:2 86:1 892:1 872:2 89:1 86:1 86:2 86:1 892:1 872:2 89:1 86:1 86:2 86:1 892:1 872:2 89:1 86:1 86:1 89:2 86:1 86:1 89:2 86:1 86:1 89:2 86:1 872:2 89:1 86:1 89:1 86:1 89:1 86:1 89:1 86:1 89:1 86:1 89:1 86:2 88:1 86:1 86:2 88:1 86:1 89:2 88:1 86:1 86:2 88:1 86:1 86:2 88:1 86:1 86:2 88:1 86:1 86:2 88:1 86:1 86:2 88:1 86:1 86:2 88:1 86:1 86:1 86:1 86:1 86:1 86:1 86:1	6				
6 635:24 881:2 9 873:22 17 847:13 856:9 27 66:nch 635:6 91 686:18 720:23 857:15 863:11 867:3 890.7 829:13,20,24 852:23 859:13,20,24 852:24 852:23 859:13,20,24 852:24 852:23 859:14 862:2 872:15 866:17 866:18 874:29 876:16 8772:899:12 8772:999:12 8772:999:12 8772:999:12 8772:999:12 8772:999:12 8772:999:12 8772:999:12 8772:999:12 8772:999:12 8772:999:12 8772:999:12 8772:999:12 8772:999:12 8772:999:12 8772:999:12 8772:999:12 8772:					
6-inch 635.6 91 686:18 720:23	6 635:24 881:2	9 873·22			
## 360 696:21 872:15 ## 37:22			857:15 863:11		829:13,20,24
93 873:23 606 696:21 872:15 65 775:20 666:17 667 633:17 94 792:15 7 A AH-IF-E 736:21 700 701:1 A-V-E 614:7 739:37 741:24 739:37 741:24 739:37 741:24 740:6,12 744:16 740:6,12 744:16 772:23 827:21,25 661:17 883:6 67:00 612:7,20 861:31 861:31 636:23 861:		91 686:18 720:23	abstract 615:20		
93-year-old 686:17 686:17 686:17 686:17 686:17 686:17 687:220 686:17 687:42 70 9:30 613:3 94 792:15 A Caceptable 775:18,20 776:15 788:3,46,791:19, 24 792:6 793:23 A-M-I-E-E 796:21 700 701:1 A-V-E 614:7 802:25 819:7.9 802:25 819:7.9 874:22,15 802:27 848:23 844:2 845:7.13 820:7 842:23 849:1 885:3 85:10 868:3 85:24 704:14 877:2 899:12 866:17 867:48 877:2 899:12 866:17 868:18 880:2 866:19 867:4 875:28 99:12 866:17 868:18 880:2 88 613:1 635:23 648:15,20 679:4 818:20 88 613:1 635:23 648:15,20 679:4 805:18 880:2 88 613:1 635:23 88 613:1 635:23 726:3 731:13 727:6,8 752:23 88 111 882:6,23 88 111 882:6,23 88 619:16 363:7 88 8118 880:2 88 8118 880:2 88 8118 880:2 88 806 699:4,6 733:3, 10 699:4,		93 873:23			
65 775:20 686:17 abutting 616:19 687:4 739:20 740:6 admant 895:4 75:18,20 776:15 76:6 788:17,18 787:5 788:3,46 791:19 700 701:1 A-V-E 614:7 802:25 819:7.9 812:20 818:22 849:8 868:25 863:25,10 613:5 76:25 75:00.5 75:23 800:18 803:5 76:25 75:10 86:22 613:5 635:23 76:25 700:5 75:23 800:18 80:22 889:3 870:1 86:13 80:22 88:18 880:2 88:18 880:2 88:18 880:2 88:18 880:2 88:18 880:2 88:18 880:2 88:18 880:2 88:18 880:2 88:18 88:2 88:2	60 696:21 872:15	93-year-old	aput 688:5		
\$\frac{67}{4}	65 775:20				
7	67 633·17	94 792·15	687:4		adamant 895:4
7	01 000.17		acceptable	775:18,20 776:15	adamantly 895:5
7 695:13 A	7	9:30 613:3	729:7 767:6		add 736:1 792:5
76 95:13 A-M-I-E-E 736:21 A-V-E 614:7 A-V-E 614:7 802:25 819:7.9 802:25 819:7.9 802:25 819:7.9 802:26 819:7.9 802:26 819:7.9 802:26 819:7.9 802:26 819:7.9 802:26 819:7.9 802:26 819:7.9 802:26 819:7.9 802:26 819:7.9 802:27 842:23 803:24 84:1.3 803:24 845:7.13 803:24 845:7.13 803:24 845:7.13 803:24 845:7.13 803:24 845:7.13 803:24 845:7.13 803:24 845:7.13 803:25 819:7.9 804:18 853:3 862:5 792:58 802:3 804:18 851:3 805:27 741:12 705:27 741:16 706:10 141,18 802:22 819:7.9 804:18 851:3 805:21 806:3 805:21 806:3 806:24 637:4 705:27 701:70 769:14 805:33 862:5 705:27 711:21 804ditionally 805:18 803:2 806:24 637:4 705:27 71:12 806:10 887:25 806:10 887:25 806:11 761:4 772:23 827:21,25 806:11 761:4 806:10 887:25 806:10 887:25 806:11 761:2 806:10 887:25 806:10 887:25 806:10 887:25 807:10 801:27 806:10 81:29 806:10 81:29 806:10 81:29 806:10 81:29 806:10 81:29 806:10 81:29 806:10 81:29 806:10 81:29 806:10 81:29 806:10 81:29 806:10 81:29 806:10 81:29 806:10 81:29 807:10 81:29 807:10 81:29 807:10 81:29 807:10 80:29 807:10 81:29 807:10 80:29 807:10 8			accepted 777:1		
70 831:5	7 695·13	A	access 652:5 14		adding 798·20
700 701:1 A-V-E 614:7 802:2722:1 853:9 877:9 662:22,24 761:25 701(c) 738:23 a.m. 613:1 842:23 636:24 637:4 766:10,14,18 739:3741:24 734:23,24 900:16 849:1 851:3 636:24 637:4 766:10,14,18 802:22 8760:27 842:23 638:24 637:4 766:10,14,18 802:22 8760:27 842:23 638:24 637:4 766:10,14,18 802:22 849:1 851:3 636:24 637:4 766:10,14,18 802:22 849:1 851:3 636:24 637:4 766:10,14,18 802:22 849:1 851:3 636:24 637:4 766:10,14,18 802:23 849:1 851:3 636:24 637:4 766:10,14,18 802:23 849:1 851:3 636:24 704:14 800:38 802:3 8		A M F F			_
701 (c) 738:23	/U 831:5	A-IVI-I-E-E 736:21		853:9 877:9	
701(c) 738:23 739:3741:24 739:3741:24 734:23,24 900:16 abandon 816:1 842:2 8457,13 849:1 851:3 840:1 841:2 841:1 841:1 841:1 841:2 841:1 841:2 841:1 841:2 841:1 841:2 841:1 841:2 841:1 841:1 841:2 841:1 841:2 841:1 8	700 701:1	A-V-E 614:7		across 613:4	
739:3 741:24 742:2,15 abandon 816:1 852:10 868:3 705:2 711:21 740:6,12 741:16 744:17 749:22 750:17 751:4 772:23 827:21,25 8 ability 665:14 671:17 788:8 8 613:1 635:23 647:1 695:13 647:1 695:13 726:8 752:23 849:8 868:25 8613:1 635:23 647:1 695:13 727:6,8 752:23 849:8 868:25 8613:1 635:23 647:1 695:13 726:18 763:10 726:18 763:10 727:6,8 752:23 849:8 868:25 869:3 870:1 900:16 840:17 858:20 850:10 868:3 700:12 706:20 80:10 80:10 80:5 724:13 727:5 748:12,16 752:5 760:4 765:10 748:12,16 752:5 760:4 765:10 788:2 805:6 621:14 671:19 634:15 827:20,24 844:23 632:10 868:7 736:18 21 4671:19 634:15 827:20,24 844:23 632:10 868:7 736:18 21 4671:19 634:15 827:20,24 844:23 827:20,24 84:23 827:20,24 844:23 827:20,24 844:23 827:20,24 844:23 827:20,24 844:23 827:20,24 844:23 827:20,24 844:23 827:20,24 844:23 827:20,24 844:23 827:20,24 844:23 827:20,24 844:23 827:20,24 844:23 8	701(c) 738:23	a.m. 613:1			
	• •			653:3 682:5	
75 738:7,11,22 740:6,12 741:16 744:17 749:22 740:6,12 741:17 749:22 740:6,12 741:17 749:22 740:17 751:4 772:23 827:21,25 77:00 612:7,20 86 612:7,20 86 612:7,20 86 612:7,20 86 613:5 652:5,10 670:22 706:5 62:5,10 670:22 706:5 726:3 731:13 762:18 763:10 766:17 767:22 849:8 868:25 869:3 870:1 800:16 840:17 858:20 800:16 840:17 858:20 800:16 840:17 858:20 800:16 840:17 858:20 800:16 840:17 858:20 800:16 840:17 858:20 800:16 840:17 858:20 800:16 840:17 858:20 800:16 840:17 858:20 800:16 840:17 858:20 800:16 840:17 858:20 800:16 840:17 858:20 800:16 840:17 858:20 800:16 800:16 840:17 858:20 800:16 840:17 858:20 800:16 840:17 858:20 800:16 840:17 858:20 800:16 840:17 858:20 800:16 840:17 858:20 800:16 840:17 858:20 800:16 840:17 858:20 800:16 840:17 858:20 800:16 813:8 80:2 800:16 813:8 80:2 800:16 813:8 80:2 800:16 813:8 80:2 800:16 813:8 80:2 800:16 813:8 80:2 800:16 813:8 80:2 800:16 810:18 800:2 800:16 810:18 800:2 800:16 810:18 800:2 800:16 810:18 800:2 800:16 810:18 800:2 800:16 810:18 800:2 800:16 810:18 800:2 800:16 810:18 800:2 800:16 810:18 800:2 800:16 810:18 800:2 800:16 810:18 800:2 800:14:0 800:25 800:25 8	742:2,15	abandon 816·1			830:18 892:24
740:6,12 741:16 744:17 749:22 750:17 751:4 750:17 751:4 750:17 751:4 7700 612:7,20 8	75 738:7,11,22				Additionally
744:17 749:22 750:17 751:4 750:17 751:4 772:23 827:21,25 816:4 671:17 788:8 816:4 634:15 827:20,24 844:23 638:21 734:20 8 613:1 635:23 647:1 695:13 727:6,8 752:23 849:8 868:25 869:3 870:1 900:16 8-inch 635:7 646:15,20 679:4 701:17 752:18 80 699:4,6 733:3, 15 775:18 788:6 80 699:4,6 733:3, 81:8,9 812:20 81:22 8800 611:7 612:4 900:12,15 882609:3 88023 870:1 900:12,15 88069:3 870:1 900:12,1			accessible 803:5		_
750.17 751:4 772:23 827:21,25 671:17 788:8 816:4 726:23 842:5 782:11 784:17 16 613:24 614:6 772:23 827:21,25 671:17 788:8 816:4 634:15 827:20,24 844:23 683:20 734:20 827:20,24 844:23 663:20 734:20 827:20,24 844:23 683:20 734:20 827:20,24 844:23 683:20 734:20 827:20,24 844:23 683:20 734:20 827:20,24 844:23 683:20 734:20 827:20,24 844:23 683:20 734:20 827:20,24 844:23 683:20 734:20 827:20,24 844:23 683:20 734:20 827:20,24 844:23 683:20 734:20 827:20,24 844:23 683:20 734:20 827:20,24 844:23 683:20 734:20 827:20,24 844:23 683:20 734:20 827:20,24 844:23 683:20 734:20 827:42 776:18,22 776:18,22 776:35 726:3 731:13 762:18 763:10 762:18 763:10 762:18 763:10 762:18 763:10 762:18 763:10 762:18 763:10 762:18 763:10 762:18 763:10 762:18 763:10 762:18 763:10 762:18 763:10 762:18 763:20 887:18 880:2 887:18 880:2 887:18 880:2 886:18 880:2 787:14 726:4 827:2,4,5 723:18 760:5 866:13 895:2 819:19 806 699:4,6 733:3, 15 775:18 788:6 792:6 793:23 811:8,9 812:20 818:22 8800 699:4,6 733:3, 15 775:18 788:6 792:6 793:23 811:8,9 812:20 818:22 8800 lute 8 19:1 844:2 820:23 633:20 669:13 865:10 687:15 724:16 770:11 844:2 820:23 633:20 669:13 870:11 844:2 820:23 633:20 669:13 870:11 844:2 820:23 633:20 669:13 870:11 844:2 820:23 633:20 669:13 870:11 844:2 820:23 633:20 669:13 870:11 844:2 820:23 633:24 644:1,17 681:18 743:2 773:22 83:25 654:18 664:667:13 664:6 667:13 664:6 667:13 664:6 667:13 664:6 667:13 664:6 677:15 681:18 743:2 747:12,13 751:10 83:33,6,14,24 699:16 771:12 8042000 730:10 770:11 800:2 800:2 800:10 800:10 800:10 800:10 800:10 800:10 800:1					address 609:11.
816:4 634:15 827:20,24 844:23 683:20 734:20 8 613:1 635:23 613:5 652:5,10 670:22 706:5 726:3 731:13 762:18 763:10 762:18 763:10 787:14 897:22 849:8 868:25 780:16 800:16 840:17 752:18 800:12,15 83:22 880:12,17 83:24 826:25 880:12,17 83:24 826:20 880:25 880:11 880:2 880:11 880:11 880:12 880:12		-	726:23 842:5		
## able 610:22			accidental		621:14 671:19
8 612:11,20,23 613:5 652:5,10 674:1,2 acting 640:7 774:24 775:2 790:14 832:8 670:22 706:5 according 641:4 action 621:14 871:18 879:13 726:3 731:13 726:3 731:13 account 894:22 accruing 772:4 667:5 783:24,25 819:20 897:8 897:8 active 652:6 783:24,25 819:20 869:3 870:1 802:10 806:25 840:17 858:20 787:14 709:21 722:3,4 701:17 752:18 895:2 895:2 819:19 activity 825:17 addressing 736:24 824:19 880 699:4,6 733:3, 15 775:18 788:6 792:6 793:23 818:22 absolute 819:1 844:2 absolute 1819:1 844:2 acquired 772:14 759:13 877:15 880:2 860:3 633:24 644:1,17 681:18 743:2 747:12,13 751:10 833:3,6,14,24 698:16 714:12 advance 864:1	7:00 612:7,20		634:15		
8 613:5 652:5,10 670:22 706:5 according 641:4 871:18 879:13 871:18 879:13 726:3 731:13 762:18 763:10 766:17 767:22 account 894:22 account 892:14 account 894			accidents 645:25	852:16,20 868:7	
8 613:1 635:23	8		674:1,2	acting 640:7	
8 613:1 635:23 726:3 731:13 account 894:22 887:11 addressed 727:6,8 752:23 766:17 767:22 accruing 772:4 667:5 783:24,25 819:20 849:8 868:25 780:5 785:5 897:8 active 652:6 783:24,25 819:20 869:3 870:1 802:10 806:25 accumulate 709:21 722:3,4 addresses 900:16 840:17 858:20 787:14 726:4 827:2,4,5 723:18 760:5 8-inch 635:7 868:18 880:2 accumulated 709:21 722:3,4 723:18 760:5 646:15,20 679:4 881:11 882:6,23 accumulated activity 825:17 addresses 701:17 752:18 895:2 819:19 acts 612:13 adequates 80 699:4,6 733:3, 15 775:18 788:6 678:16 837:12 acquire 820:23 634:20 669:13 adequate 675:15 792:6 793:23 818:22 absolute 819:1 865:10 634:20 669:13 actual 633:10 adequately 818:22 absolutely 626:8 629:4 630:23 804:8 619:13 620:2,12 622:10,25 623:2 8:32 609:3 633:24 644:1,17 688:13 689:13,17, 681:18 743:2 688:13 689:13,17, 681:14 690:2 664:8 667:13 664:8 667:13			according 641:4	action 621:14	
727:6,8 752:23 849:8 868:25 766:17 767:22 897:8 897:8 897:8 802:10 806:25 800:16 840:17 858:20 868:18 880:2 866:15,20 679:4 701:17 752:18 806:19 699:4,6 733:3, 15 775:18 788:6 792:6 793:23 811:8,9 812:20 818:22 81:00 611:7 612:4 900:12,15 8:32 609:3 832 609:3 832 609:3 8332 609:3 8349:8 868:25 766:17 767:22 780:5 785:5 897:8 897:8 897:8 80ccumulate 787:14 709:21 722:3,4 726:4 827:2,4,5 723:18 760:5 861:3 80ccumulate 787:14 895:2 80ccumulate 787:14 80ccumulated 819:19 81:19 825:17 819:19 826:4 827:2,4,5 825:17 826:4 827:2,4,5 825:17 826:4 827:2,4,5 825:17 826:4 827:2,4,5 825:17 826:4 827:2,4,5 825:17 826:4 827:2,4,5 826:13 826:14 827:24,5 825:17 826:14 827:24,5 825:17 826:14 827:24 827:24 827:24 827:24 827:24 827:24 827:24 827:24 827:24 827:24 827:24 828:25 826:13 826:13 826:13 826:13 826:13 826:13 826:13 826:13 826:13 826:13 826:13 826:13 826:13 826:14 827:14 826:17 826:14 827:14 826:17 826:14 827:14 826:13 826:17 826:14 827:14 826:13 826:13 826:13 826:13 826:13 826:13 826:13 826:13 826:13 826:13 826:1	8 613:1 635:23		_	887:11	addrassad
767.10,672.25 766:17 767:22 accruing 772:4 667:5 783:24,25 819:20 849:8 868:25 895:5 785:5 897:8 active 652:6 861:3 900:16 840:17 858:20 accumulate 709:21 722:3,4 addresses 8-inch 635:7 868:18 880:2 accumulated 726:4 827:2,4,5 723:18 760:5 646:15,20 679:4 881:11 882:6,23 accumulated activity 825:17 addressing 701:17 752:18 895:2 accumulated actual 633:10 actual 633:10 adequate 675:15 80 699:4,6 733:3, 15 775:18 788:6 678:16 837:12 acquire 820:23 634:20 669:13 adequate 675:15 792:6 793:23 811:8,9 812:20 absolute 819:1 acquire 820:23 637:15 724:16 770:11 818:22 absolutely 626:8 629:4 630:23 630:24 644:1,17 actually 615:18 619:13 620:2,12 actually 615:18 619:13 620:2,12 622:10,25 623:2 799:1 800:2 8:32 609:3 645:3 646:25 652:16 659:17 688:13 689:13,17, 681:14,24 664:8 667:13 664:8 667:13 admitted 677:15 88:11 74:12,13 751:10				actions 613:8	
869:3 870:1 802:10 806:25 802:10 806:25 802:10 806:25 802:10 806:25 861:3 861:3 8-inch 635:7 868:18 880:2 868:18 880:2 709:21 722:3,4 addresses 723:18 760:5 723:18 760:5 646:15,20 679:4 881:11 882:6,23 881:11 882:6,23 accumulated activity 825:17 addressing 736:24 824:19 80 699:4,6 733:3, 15 775:18 788:6 678:16 837:12 acid 714:3 actual 633:10 adequate 675:15 792:6 793:23 811:8,9 812:20 818:22 absolute 819:1 865:10 634:20 669:13 adequately 770:11 8:00 611:7 612:4 900:12,15 absolutely 626:8 629:4 630:23 633:24 644:1,17 actually 615:18 619:13 620:2,12 622:10,25 623:2 actually 615:18 619:13 620:2,12 622:10,25 623:2 admit 789:5 799:1 800:2 8:32 609:3 645:3 646:25 652:16 659:17 681:18 743:2 747:12,13 751:10 688:13 689:13,17, 664:8 667:13 664:8 667:13 673:14 690:2 747:12,13 751:10 admitted 677:15 adult 685:15			_		
900:16 840:17 858:20 840:17 858:20 787:14 709:21 722:3,4 726:4 827:2,4,5 723:18 760:5 846:15,20 679:4 701:17 752:18 80 699:4,6 733:3, 15 775:18 788:6 792:6 793:23 811:8,9 812:20 818:22 8:00 611:7 612:4 900:12,15 8:32 609:3 840:17 858:20 840:17 858:20 840:17 858:20 840:17 858:20 840:17 858:20 840:17 858:20 840:17 858:20 840:17 858:20 840:17 858:20 840:17 858:20 840:17 858:20 840:11 882:6,23 840:19 825:17 84dresses 726:4 827:2,4,5 849:5:17 849:5:19 840:6 774:3 840dresses 840:17 858:20 840:14:3 840:17 858:20 840:14:3 840:17 858:20 840:17 858:20 840:17 858:20 840:17 858:20 840:17 858:20 840:17 858:20 840:17 858:20 840:17 858:20 840:17 858:20 840:17 858:20 840:17 858:20 840:17 858:20 840:17 858:20 840:17 858:20 840:17 858:20 840:17 858:20 840:17 858:20 840:17 825:17 844:2 840:17 858:20 840:18 820:23 840:17 858:20 840:18 820:23 840:17 858:20 840:18 820:23 840:17 858:20 840:18 820:23 840:17 858:20 840:18 820:23 840:17 858:20 840:18 820:23 840:17 820:24 824:19 840:29 482:113 840:29 482:113 840:29 482:113 840equate 675:15 844:2 840:20 669:13 840			897:8	active 652.6	861:3
8-inch 635:7 646:15,20 679:4 701:17 752:18 805:2					addresses
646:15,20 679:4 881:11 882:6,23 accumulated activity 825:17 addressing 701:17 752:18 895:2 819:19 acts 612:13 addressing 80 699:4,6 733:3, 15 775:18 788:6 678:16 837:12 acquire 820:23 actual 633:10 adequate 675:15 792:6 793:23 811:8,9 812:20 818:22 absolute 819:1 844:2 acquire 820:23 687:15 724:16 adjourn 897:18 8:00 611:7 612:4 900:12,15 absolutely 626:8 629:4 630:23 633:24 644:1,17 645:3 646:25 652:16 659:17 652:16 659:17 688:13 689:13,17, 681:18 743:2 747:12,13 751:10 acreage 637:1 688:13 689:13,17, 681:18 743:2 747:12,13 751:10 acreage 637:1 664:8 667:13 664:8 667:13 673:14 690:2 698:16 714:12 admitted 677:15 adult 685:15 adult 685:15	8-inch 635:7		787:14		
701:17 752:18 895:2 819:19 736:24 824:19 80 699:4,6 733:3, 15 775:18 788:6 792:6 793:23 811:8,9 812:20 818:22 819:19 acts 612:13 adequate 675:15 acquire 820:23 865:10 634:20 669:13 687:15 724:16 770:11 acquired 772:14 759:13 877:15 adjourn 897:18 619:13 620:2,12 622:10,25 623:2 645:3 646:25 652:16 659:17 681:18 743:2 747:12,13 751:10 819:19 acts 612:13 actual 633:10 634:20 669:13 687:15 724:16 770:11 adjourn 897:18 619:13 620:2,12 622:10,25 623:2 645:3 646:25 652:16 659:17 688:13 689:13,17, 681:18 743:2 747:12,13 751:10 819:19 acts 612:13 actual 633:10 634:20 669:13 687:15 724:16 770:11 adjourn 897:18 619:13 620:2,12 622:10,25 623:2 645:3 646:25 652:16 659:17 688:13 689:13,17, 681:18 743:2 747:12,13 751:10 819:19 acts 612:13 actual 633:10 634:20 669:13 687:15 724:16 770:11 adjourn 897:18 619:13 620:2,12 622:10,25 623:2 645:3 646:25 652:16 659:17 688:13 689:13,17, 681:18 743:2 747:12,13 751:10 819:19 acts 612:13 actual 633:10 634:20 669:13 687:15 724:16 770:11 adjourn 897:18 619:13 620:2,12 622:10,25 623:2 645:3 646:25 652:16 659:17 688:13 689:13,17, 681:18 743:2 747:12,13 751:10 819:19 actual 633:10 634:20 669:13 687:15 724:16 770:11 684:20 669:13 687:15 724:16 770:11 684:20 669:13 687:15 724:16 770:11 684:20 669:13 687:15 724:16 770:11 684:20 669:13 687:15 724:16 770:11 684:20 669:13 687:15 724:16 686:15 70:11 684:20 669:13 687:15 724:16 770:11 684:20 669:13 687:15 724:16 770:11 684:20 669:13 687:15 724:16 770:11 684:20 669:13 687:15 724:16 687:15 724:16 686:10 687:15 698:16 714:12		881:11 882:6,23	accumulated	activity 825:17	addressing
80 699:4,6 733:3, 15 775:18 788:6 acid 714:3 actual 633:10 adequate 675:15 792:6 793:23 absolute 819:1 844:2 acquire 820:23 865:10 634:20 669:13 687:15 724:16 770:11 adequately 770:11 8:00 611:7 612:4 900:12,15 absolutely 626:8 629:4 630:23 633:24 644:1,17 645:3 646:25 652:16 659:17 645:3 646:25 652:16 659:17 681:18 743:2 747:12,13 751:10 acre 675:25 794:5 804:8 actually 615:18 619:13 620:2,12 622:10,25 623:2 653:25 654:18 664:8 667:13 664:8 667:13 664:8 667:13 664:8 667:13 673:14 690:2 747:12,13 751:10 acreage 637:1 688:13 689:13,17, 681:18 743:2 747:12,13 751:10 acreage 637:1 698:16 714:12 admitted 677:15 adult 685:15	701:17 752:18	895:2	819:19	•	
15 775:18 788:6 678:16 837:12 acquire 820:23 actual 633:10 adequately 770:11 792:6 793:23 absolute 819:1 865:10 634:20 669:13 adequately 770:11 811:8,9 812:20 844:2 acquired 772:14 759:13 877:15 adjourn 897:18 8:00 611:7 612:4 629:4 630:23 633:24 644:1,17 acre 675:25 794:5 actually 615:18 619:13 620:2,12 admit 789:5 799:1 800:2 8:32 609:3 645:3 646:25 acreage 637:1 688:13 689:13,17, 688:13 689:13,17, 681:18 743:2 664:8 667:13 admitted 677:15 681:18 743:2 747:12,13 751:10 833:3,6,14,24 698:16 714:12 advance 864:1	80 699:4.6 733:3.	aboveground	acid 714:3	acts 612:13	adoguato 675:15
## absolute 819:1 865:10 687:15 724:16 770:11 ## adjourn 897:18 ## acquired 772:14 ## acq		678:16 837:12	acquire 820.22		•
811:8,9 812:20 818:22 8244:2 845:3 67:15 724:16 770:11 84journ 897:18 846:11 84journ 897:18 846:11 84journ 897:18 846:25 846:25 844:2 846-11 84journ 897:18 846:21 846:25 846:25 846:25 846:25 846:25 846:25 846:25 862:10,25 623:2 863:25 654:18 664:8 667:13 664:8 667:13 664:8 667:13 673:14 690:2 747:12,13 751:10 833:3,6,14,24 844:2 844:2 844:2 844:2 844:2 844:2 844:2 84journ 897:18 84journ 897:		absolute 819:1	-		•
8:00 611:7 612:4 absolutely 626:8 acre 675:25 794:5 actually 615:18 adjourn 897:18 900:12,15 633:24 644:1,17 804:8 619:13 620:2,12 622:10,25 623:2 799:1 800:2 8:32 609:3 645:3 646:25 acreage 637:1 688:13 689:13,17, 681:18 743:2 664:8 667:13 admitted 677:15 681:18 743:2 747:12,13 751:10 833:3,6,14,24 698:16 714:12 advance 864:1					-
8:00 611:7 612:4 629:4 630:23 633:24 644:1,17 804:8 619:13 620:2,12 622:10,25 623:2 645:3 646:25 652:16 659:17 681:18 743:2 747:12,13 751:10 619:10 675:25 794:5 625:16 675:25 794:5 619:13 620:2,12 622:10,25 623:2 622:10,25 623:2 653:25 654:18 664:8 667:13 664:8 667:13 673:14 690:2 698:16 714:12 698:16 714:12 698:16 714:12	818:22	absolutely 626:8	-		adjourn 897:18
633:24 644:1,17 633:24 644:1,17 645:3 646:25 652:16 659:17 681:18 743:2 747:12,13 751:10 633:24 644:1,17 622:10,25 623:2 653:25 654:18 664:8 667:13 664:8 667:13 673:14 690:2 673:14 690:2 698:16 714:12 698:16 714:12 698:16 714:12 698:16 714:12	8:00 611:7 612:4				admit 789:5
8:32 609:3	900:12,15	633:24 644:1,17	804:8		799:1 800:2
652:16 659:17 688:13 689:13,17, 664:8 667:13 681:18 743:2 19 732:24 832:25 673:14 690:2 adult 685:15 747:12,13 751:10 833:3,6,14,24 698:16 714:12 advance 864:1	8:32 609:3		_		admitted 677:15
747:12,13 751:10 833:3,6,14,24 698:16 714:12 advance 864:1					
990.10 / 14.12 advance 864:1					
				698:16 714:12	advance 864:1
			, . = 3,		

Index: advantages..area

100112/11/11/0	172020			aox. aavamagooaroo
advantages	825:3,4 854:18	alternative	820:14 823:24	apply 794:5
621:24 746:20	862:20 865:12 889:23 890:3	621:22 746:18,22 830:20,23	842:18 845:2 856:10 862:23	appreciate 683:3
adversely 704:23	891:14 892:6		000.10 002.20	690:7 728:19
708:13 710:6,24	091.14 092.0	alternatives	answered 612:8	734:13 743:2
	agreements	881:14	732:17 758:15,21	756:20 764:1
advice 611:10,13	763:8		856:25	767:14,23 768:7
aerials 822:12		altogether 854:9		774:7 788:9
acital3 022.12	agricultural	always 686:4	answering	799:18,22 800:1
affect 621:11	686:12 739:9	797:16 811:19	786:22	831:18 834:14
623:3 665:2,3	776:9		057.5	
674:9 693:18		833:5,17	answers 857:5	837:13 848:24
704:23 710:25	agriculture	amazing 841:17	anticipate	850:14 852:7
711:1 744:21	712:18	•	799:24 870:8	853:2 856:23
877:20	agronomist	ambulance		869:8 897:19
	868:6	681:25	anticipated	898:14
affected 613:14		ambulances	899:1,3	appreciated
693:18 744:21	ahead 652:10	713:7	anticipating	736:2 769:3
748:24 877:20	671:5 672:20	113.1	695:13 696:19	700.2 700.0
offeeting 000.45	688:21 723:23	amendment	095.13 090.19	approach 809:25
affecting 622:15	732:21 735:1	862:7 888:17	anymore 626:21	amma a a ba al
673:20 891:10	736:13 747:1		630:6 640:12	approached
affects 658:10	748:23 759:6	Amiee 734:19	701:24 703:14	609:24 752:14
884:18	762:13 764:6,8,12	735:2 736:7,14,20	753:25	812:3
	801:5 802:7 831:2	802:6 827:17		approaches
afford 647:16,22	832:1,7,21 833:23	ammonia 714:3	anytime 770:4	870:24
658:15 662:13	835:15 855:16	ammoma 714.5	812:24	
667:3 680:15	862:12,17 869:21	amount 654:24	anywheres	appropriate
afraid 632:19	871:6,13,17 872:7	673:16 706:3	634:12	609:10,14 767:12
	887:6,23 896:2	711:15 754:22	034.12	811:11 889:4
668:11,15 861:11	007.0,23 090.2	825:16 834:23	apartments	approval 600:10
afternoon 867:17	air 699:11 700:9	882:3 888:18	778:17	approval 698:12
887:9 898:14	706:15 713:14			721:17
	808:21 845:8	amounts 678:5	apologize 613:1	approve 650:3
ag 651:10 725:18		757:14	662:6 772:15	
745:25 833:3	airport 777:14	ample 672:8	784:10 785:20	approved 649:19
865:6	778:6 787:2	•	834:18 863:15	650:1,14,16 651:7
agency 772:7	791:20 792:5	anal 691:20 721:3	893:11	700:17 725:5
897:11	808:19,20 809:6	animal 746:1	apparatus 697:5	726:6 759:5
	alfalfa 738:5	ammai 740.1	713:8	approves 861:20
agent 643:13	anana 700.0	annex 803:18	7 13.0	approves 601.20
753:20 754:6	alignment		apparent 619:11	approximately
755:18 842:14	888:20	annexation	693:18 744:21	688:16 690:12,16
843:14	allow 799:2	803:10	877:19	775:17 828:3
	allow 799.2	annexed 776:25	007.40	834:22 837:5
agents 714:23	allowed 609:25	785:25 803:14	appears 687:13	838:3 877:8
752:14 753:1,4	636:3 712:24		788:11 789:11	880:10
754:7 755:20	727:11 883:3	announced	818:21	
842:3	889:1	777:23	appease 900:15	area 620:1 622:24
AGP 826:25		annual 813:3		623:13 633:11
	allowing 847:8	armaar 010.5	Applause 683:5	652:6 669:5
agree 762:18	850:7	answer 612:4	application	679:19 688:12
agreed 712:14	allows 812:2	632:24 658:20	609:5 646:9	690:12 692:6,17
731:2	883:5	661:10 667:17		697:7,11 699:18
131.2	000.0	668:5,7 676:17	650:4,15 651:7	700:12 704:15
agreement	alone 715:2	686:1 732:21	686:6 725:5,17	706:19,22 707:3,
673:10,12 729:6	altornata 004.4	763:22 764:6	747:11	13,15,18,22,25
760:3 763:4	alternate 881:4	781:12 782:14,23	applied 899:23	708:11 709:3
765:20 823:18		784:5 797:6 810:9	• •	711:14,15 713:1,
I .				

Index: areas..bad

9,11,13 722:1	650:24 651:1	721:18 755:11	authorities	bachelor 685:12
726:4 727:21	652:2 662:19	768:22 821:17	754:17	back 609:4
733:1 737:19	668:8 669:7	836:8	authority 758:20	612:20 615:5
738:22 743:15	672:11,20 676:23	assumed 664:8	authority 756.20	618:9 619:14
744:6 748:10	679:2 720:5	892:17	automatically	623:20 624:1
749:7,15 750:14	725:13 726:19	092.17	817:1	634:9 645:1
751:20,21 752:21	735:15 759:11	assuming 651:6	available 610:25	647:3,19 649:3,5
756:8 776:12,13	765:4 766:18,21	796:11 808:6,7	612:9 656:25	658:3,12,14 665:4
777:24 778:7,19	769:13 784:9	898:11	681:1 713:21	674:25 675:11
779:2 788:5	793:4 797:13	assumption	900:14	677:11,19,21
800:13,22 801:7,	824:16 825:12	808:9 865:2	300.14	685:3,23 686:7
10,13 802:3,4,7,8	832:5 854:2 857:1	000.9 003.2	Avenue 614:7	690:23 694:18
804:21 805:20	862:13 863:16	assure 815:11	832:10	696:4 708:2,16
808:5,15 811:22	892:25	assured 819:7	average 794:4	710:19 725:21
812:2 813:1,6	asked 633:3	assured 619.7	811:12,19,21	731:20 734:18,21
825:16 827:23	642:6 648:20	AT&T 743:10	011.12,13,21	735:1,14 737:22
828:9 834:2 835:1	670:23 673:13	744:16	avoid 643:7 742:7	741:19 743:13
838:21 839:8	676:23 678:1	Atlantic 670:8	aware 609:20	745:4 746:15
852:24 854:8	734:9 753:12	Aliantic 0/0.0	613:7 618:21	750:3 752:5,7
856:4 873:25	758:15 761:14	atmospheric	619:1,7 625:21	753:10,20,24
874:2,6 876:22	770:21 781:9	699:3 733:16	661:18 669:23	760:16,761:20
877:13 878:12	783:7 788:1	attachment	670:11 671:22	765:3 767:2
879:23 899:15,22	819:3,6 828:22	attachment	679:3 680:10	768:3,12 769:12
900:4	829:9 830:19	887:14	693:5 704:25	780:9 781:15
areas 629:17	841:1,15 848:7,8,	attack 682:1	705:10 707:5	782:14 792:4,6
642:7 696:23	10,18,25 849:15	attempting 760.4	722:8 723:2	795:3 800:10
697:14 703:14	856:24,25 857:3	attempting 762:4	803:24 867:22	802:6 805:1,6
706:13 708:5	883:11 899:19	attend 611:17	003.24 007.22	810:18 815:4
713:14 733:6		664:22,23 665:14	away 610:10	817:1,5 822:13
748:24 751:5	asking 649:13	894:20	617:24 620:10	823:4,9 827:8
835:3 878:1	663:7,11 666:1	attan dan sa	627:6,18 644:22	830:14 835:23
	677:14 734:10	attendance	658:7 679:25	836:18 839:21
argue 671:15	759:3 816:11,13	899:15	681:23 685:24	841:4 843:10
845:13,15	837:24 841:23,24	attention 609:17	695:5 696:2	845:23 847:22
argument 697:16	846:22 857:2	782:2 891:9	701:25 706:7	851:6 855:13
707:11 807:17,18	859:22 862:24	offeet 040.0	709:9,10 746:4,12	858:25 859:8,10,
·	889:7 894:11	attest 610:9	775:12 780:20	24 863:7 865:5
arguments	aspect 791:3	attorney 612:10,	792:23 796:22	869:10,17 870:20
735:17 895:13	•	11 662:14,17	821:15 833:9	878:13 879:7,8
arisen 766:13	aspects 671:7	666:22 671:8	850:13 883:7	893:15 894:7
arises 761:8	assess 719:2	759:10 766:17	885:24	897:22 899:5
Arlington 723:16	assets 892:3	768:22 819:21 864:14	awfully 640:4,18	back-and-forth
arrange 770:6,8	assistance	attorneys 611:23	awkward 863:17	830:8
	612:12,16,23	667:7 672:1,8		background
arrangements 770:5 894:20,25	assistant 697:23	734:7 735:16	B	685:12,18
895:1	assisting 768:21	766:13 767:24	B-E-Y-M-E-R	backing 888:7
	_	ATVS 755:3,14		backwards
arrow 689:24	associated	August 600-2	614:6	656:4
arts 685:14	762:25 879:19	August 609:3 664:22 716:18	B-FOR-BOY-Y-	
	881:8	771:7 824:5	A-R-S 683:25	backyard 777:11
ashamed 797:13,	assume 655:9			793:9 831:11
19	660:15,20 661:3,8	841:14 896:7 900:19	babysitting	846:25 847:4
ask 611:20	673:15 678:2	300.13	627:11	bad 636:5 655:6
1				

Index: badly..Board's

681:17 839:15	believes 710:2,3	billable 611:25	23 614:2,8,13,17,	774:4,6,9,14,17,
badly 621:11	748:1	billfolds 667:23	19,22 615:9,13	21,23 775:4,7,11
•	Bell 743:12		616:11,18,22	778:11 784:8,14,
Baker 737:6,9,11	Bemrich 612:18	billions 667:22	617:2,5,8,11 618:13,17 619:3,	21 785:19 786:1, 4,7 787:10,18
balance 645:14		bills 884:14	6,9,16,19,25	788:9,13,17,23
730:22 775:20	beneath 742:2	bingos 681:6	620:5,8,16,20	789:1,4,10 790:3,
781:18,22 891:11	beneficial 829:13	bit 626:22,23	621:5,12,14,21	11,14 793:4 795:7
ball 661:1	benefit 647:11	635:14 641:18	622:9,16 641:21	797:12 798:15,18,
Barbara 814:2	678:4 729:25	644:12 654:7	642:16,19 646:19	23 799:1,18,21 801:1,4 810:19
barn 687:17	756:13 757:23,24	655:16 663:21	650:1,3 659:15 662:2,6,15,23	813:13 819:15
	765:21,23 766:4	684:15,18 689:24	663:6,11 664:13,	821:9 825:9,10,
barns 616:17	891:13,25 892:1	705:20 732:7	18 666:1 667:6,13	11,19 826:1,8,17,
base 791:22	benefiting 879:3	764:4 766:21 767:25 773:23	668:10,14,19,25	22 827:4,7,11,14
baseball 622:12	benefits 654:13	810:7 814:18	670:15,19 671:4,	828:2,7,10,16,21,
700:6	772:4 883:4 897:8	816:10 828:5	12,24 672:13 673:5 682:23,24	25 830:6,13,16,18 831:15,16,20,25
based 676:3	Bess 755:19	840:11 863:24	683:2,6,13,16,18	832:3,5,11,17,20
682:9 732:10		bite 696:5	684:1,6,12,17,21,	833:22 834:1,4,8,
733:18 771:4	best 614:4 661:5,		24 685:6 686:8	13,17,25 835:9,
815:18	14 686:1 694:12 710:19 716:9	black 709:18 723:8,11 769:17	687:3,7,12,19,23	11,14 836:1,4,7
basically 675:4	744:25 745:1	836:13,17 839:14	688:3,9,14,21	837:2,7,11,17,25
740:8 748:12	748:10 811:20	840:15 841:11	689:6,9,17,25 690:5 691:4,8,10,	838:4,7,13,19 841:15,22 849:16,
777:12 780:18	813:2 820:2,5	842:22 843:7	22 692:22 693:3,	19,23 852:6,9,17,
782:9 788:8	858:11	858:23	6,13,15 694:2,6,8	21 853:2,19,25
791:24 798:4	Beymer 609:8	blacktop 844:23	695:15,20 697:2	854:6,11,14
807:6 808:2	613:17,18,20	845:18 849:7	700:7 702:23	855:9,11,16
818:18 822:18 860:25 886:6	614:1,5 615:11,	851:9	715:25 716:6,7	856:22 860:12
890:4,10	12,14 622:17	blanket 733:6	725:15 727:7	861:7,15,20
	642:16 647:25		728:5,15 729:2 732:11,15 734:3,	862:5,11,14,17 863:15 864:1,7
basis 762:23 813:4	big 615:23 626:16	bleed 634:4	4,5,11,17,25	867:12,22 868:21,
	630:23 634:25	blessed 709:25	735:19,25 736:5,	22,23 869:5,7,19,
bat 638:1	636:4 644:23	blew 648:16	8,10,15,17,23	21 870:2,4,8,10,
beans 617:10	645:4,13 677:8 680:20,24 711:5,	874:18	737:1,8 738:13,	13,19,24 871:3,5,
686:13 747:19	6,19 740:3 777:10	block 715:5	16,19 739:2,11,16	9,12,15,17,23
804:11 884:6	778:2,3,15 781:7,		740:3,9,13,17,20 741:5,7,23 742:1,	872:2,6,25 873:4, 7,9,18 874:9,13,
bear 865:2	21 783:12 786:25	blow 684:14,18	13 743:1,20	21 875:1,5,11,17,
bed 796:7	791:9 799:11	840:2	744:10,19 745:10,	24 876:2,7,11,16,
	804:1,10 817:25	blows 752:8	12 746:17,23	21,25 877:10,14,
begin 734:19	826:16 838:16,18	853:8	747:4 756:19	18,24 878:11,22
735:20	849:3 854:23 855:2 865:24	blue 723:5,10	758:14,19,25	879:6,11,13,18
beginning		785:1 806:10,19	759:2,8,13 762:10,13 763:1,	880:20,22 881:3, 21 882:8,11,13,17
772:18 896:7	big-city 679:23	blueprint 698:11	5,13,19,21,25	883:20,22 887:5
begins 615:2	bigger 680:2	•	764:11 765:8	888:2,11 889:6,17
begun 739:11	783:13 807:16	Bluff 736:22 751:12,16 752:9	766:7,15,19,20	892:14,20 893:2
741:24	822:10 885:23	808:20 809:4,8	767:1,11,13,15,18	894:1,8,11 896:2
	biggest 635:7		768:6,11,14,18	897:13,14,16
behalf 672:22	844:4	Bluffs 669:21	769:5,9,16	898:4,9,23 899:1,
771:2 797:24 896:4	bill 624:12,17	board 609:2,13,	770:14,21 771:3 772:10,11,13,25	8,13 900:3,6,11
500.1	834:23	19,20 611:14	773:4,14,21	Board's 672:23
		612:9 613:15,21,	,,	771:5,17 795:3

Index: boards..care

862:6 865:21	bounds 861:17	buffer 707:23	665:5 739:18	737:6,9 744:17
896:8,12,18	862:15,22 888:24 889:16	708:1	745:25 776:12,18 786:18 787:7,9	774:10 775:12 778:25 831:21
boards 721:1		build 699:23	801:8,9,10,13	848:1 869:11
boat 621:19	boxes 893:23	721:17 742:5	802:25 815:1	872:2,3
	Boy 794:6 795:23	813:7 858:17	833:3,5 834:6	
Bob 755:19	-	building 726:15,	841:25 892:10	called 613:21
bodies 789:7	bracket 677:18	17 735:9 777:17,	business-like	622:8 624:3 637:23 683:16
body 792:23	break 657:21	19 783:21 821:25	809:25	686:5 692:5 712:5
•	694:18 707:7	826:12,15,16		736:8,15 753:24
boggy 708:5	713:3 734:18	839:12	businesses 665:10 699:22	774:21 820:10
boilerplate	869:10 879:7,9	buildings 616:7,		832:3 841:13
757:19	breakage 751:8	11,12 641:14	busy 838:12	857:22 871:15
boils 784:3	breaking 656:22	688:4 690:6 740:1	butt 645:23	calling 609:7
hambar 704.00	693:20 708:15	743:21 788:10 856:4 873:24	782:21	611:22 677:14
bomber 791:23	767:5	876:12	butting 622:11	735:2
bonding 814:14	breaks 726:23		_	calls 681:21
815:10		built 616:6,7 702:19 803:23	buy 630:6 681:8	715:3,5 809:22
bono 612:12	breathing 697:5 713:8		698:10 781:16 793:25 794:1	886:10
Boone 875:19,20,		Bull 677:8	804:3 811:22	calves 720:25
21,23 876:4	Brian 734:19	bulldozers		
877:11	735:2	644:23	buying 699:25 787:14 815:22	cap 696:1
border 692:16	briefly 788:17	bumped 637:11		capacity 768:22
704:6 711:3	807:25	-	buys 681:13	capture 881:15
	bring 645:1	bunch 618:9 641:14 645:21	by-product	car 697:10,16
borderline 801:11	651:14 784:19	649:23 651:15	714:6,7	Cai 697.10,16
	787:7 840:17	653:13,17	Byars 683:7,9,10,	carbon 609:5
bore 741:4,14,15,	845:20 889:4		11,12,13,15,22,23	629:25 646:8
20 751:2,3 845:19	bringing 732:20	burden 632:1,14 659:14 675:24	684:2 728:10	653:23 655:3 677:20 682:11,16
849:1,2,7,9 850:11,19,24	788:20 794:21	771:12,15 896:14	732:22 734:11	695:4,11,12,14
851:10 868:24	brings 756:10		Byrnes 758:19	696:7 697:6,11,21
869:2	_	burdens 825:2	767:16 772:11,13,	698:24 699:20
bored 714:24	broader 671:15	Bureau 641:22	25 773:4,14,21	700:8 701:24
	broke 657:3	642:4 716:11	774:4 825:10,11,	706:15,22 707:2,6
boring 849:7	878:12	813:18 824:20	19 826:1,8,17,22	713:10,13,18
bother 665:23	broken 623:3	864:8,10,14	827:4,7,11,14 828:2,7,10,16,21,	714:4,5 729:11, 14,16 730:9
bothered 641:3	bromegrass	buried 618:18	25 830:6,13,16	733:6,11,14 741:6
	690:18 692:14	693:7 743:7	868:22,23 869:5	753:23 754:8
bothering 611:19	706:6	752:17 779:20,21	,	829:21,23,24,25
639:3 640:15	brother 617:01	788:22 835:3 873:15 876:8		881:16
bottle 699:6	brother 617:21 618:7 654:15			card 673:6 893:7
bottom 704:7	665:4 666:6	bury 710:6	calibrated	
731:19 831:14	714:23 723:15,20,	757:18 758:6 760:16 806:14	852:15	care 625:18 642:14 643:11
hought 770.40	21 775:22 791:15	822:3	eell (44.0 (40.0	644:25 645:7
bought 776:10 794:2	792:19 817:9,10		call 611:8 612:3 622:25 629:10	654:18 656:1
-	brought 629:24	bush 690:17	633:14 637:18	658:6 666:18
boundaries	637:1 824:20	bushel 852:16	638:19 643:20	667:23 675:2
722:5	836:23	bushels 675:25	667:9 681:23	679:14 682:3,20
boundary 615:3	bucks 781:8		682:11 683:7	
621:6	816:3	DUSINESS 618:7,8	686:22 733:3	121.1,20 110.12
boundary 615:3 621:6	bucks 781:8	business 618:7,8	682:11 683:7	688:19 696:13 727:1,25 770:12

Index: careful..Clarion

040-04-040-44		70404404	ahansa 04040	ahaisa osa 10
840:21 842:11 863:14 872:23	certified 770:18	784:8,14,21 785:19 786:1,4,7	change 646:18, 24 647:2 653:6	choice 655:12 831:12 858:3,11
	cetera 674:5	787:10,18 788:9,	719:3 724:16	
careful 636:16	690:25 726:18	13,17,23 789:1,4,	727:16,25 739:10	choices 666:4
carrying 700:4	891:11	10 790:3,11	759:24 771:17,24	851:22
_	CF 750:3,5,9	797:12 798:15,18,	772:1,5 820:25	choose 769:25
cars 697:13	752:8 777:10	23 799:1,18,21	821:5 847:10	794:13
794:16	808:25 826:11	801:1,4,18 813:13	866:4 888:20	
case 671:18		821:9 825:9	896:19 897:3,5,9	chop 748:8
672:25 673:2	chain 714:25	831:16,20,25	898:14	chosen 869:14
768:15 771:20	chair 609:2,13	832:4,5,11,17,20	ahanaina 050.0	
819:8 821:3 824:7	613:15,22,23	833:22 834:1,4,8,	changing 653:8,	Chris 642:3
861:11 862:2	614:2,8,13,17,19,	13,17,25 835:9,	13 654:3 866:6	716:10 813:17
887:15 891:9	22 615:9,13	11,14 836:1,4,7	887:24 888:8	Christian 669:4
896:24 899:5	616:11,18,22	837:2,7,11,17,25	889:12 896:12	887:9
070 40	617:2,5,8,11	838:4,7,13,19	Chapter 888:2	
cases 672:10	618:13,17 619:3,	843:10 849:16,19,	character COO.4C	chunk 782:25
853:5	6,9,16,19,25	23 852:6,9,21	character 693:16	chute 706:20
casino 681:7	620:5,8,16,20	853:2,19,25	charge 636:15,21	
antantrarili a	621:5,12,21	854:6,11,14	781:13	circle 784:25
catastrophe	622:9,16 641:21	855:9,16 856:22	Charles 797:25	785:21,23 793:11
680:24 681:17	642:16,19 662:2,6	860:12 861:7		806:5,11,16 899:5
catastrophes	668:25 670:15,19	862:11,17 863:15	814:2 829:1	circles 775:24
680:5	671:4,12,24 673:5	864:7 867:12	chasing 809:23	779:13,14,21
ootob 057.04	682:23 683:2,6,	868:21 869:7,19,	channest 606.4	784:23 785:6
catch 657:24	13,17,18 684:1,6,	21 870:4,10,13,19	cheapest 626:4	airalina 004.0
658:1 828:11	12,17,21,24 685:6	871:3,5,9,12,16,	cheat 639:1,3	circling 621:2
888:5 894:4	686:8 687:3,7,12,	17,23 872:2,6,25	check 774:3	768:12 897:22
cattle 623:9	19,23 688:3,9,14,	873:4,7,9,18	870:13	city 698:1 751:12
686:14	21 689:6,9,17,25	874:9,13,21	070.13	776:13,22,23,25
catty-corner	690:5 691:4,8,10,	875:1,5,11,17,24	checked 893:22	777:2,7,14,16,17
catty-corner 636:24	22 692:22 693:3,	876:2,7,11,16,21,	checking 773:15,	778:5 785:25
030.24	6,13,15 694:2,6	25 877:10,14,18,	18	786:23 787:2,11,
caught 894:3,5	695:15,20 702:23	24 878:11,22		14 788:5 803:7,8,
caused 676:11	715:25 716:7	879:6,11 880:20,	checklist 829:7	13,17 808:19
Causeu 6/6.11	720:15 728:5	22 881:3,21	cheese 777:20	809:6,7,10 829:1
cease 899:20	729:2 732:15	882:8,11,13,17	Clieese 111.20	846:13
cell 700:3	734:3,11,17,25	883:20,22 887:5	chemical 645:21	City's 786:15
Cell 700.3	735:19,25 736:5,	888:11 889:6,17	685:13 695:4,9	Oity 3 700.13
cement 837:10	9,10,16,17,23	892:14,20 894:1,8	696:16,19 698:8,	claim 631:16
00ntor 740:40	737:1,8 738:13,	896:2 897:13,16	15 702:1 714:2,5	632:16
center 748:18	16,19 739:2,11,16	898:4,9,23 899:1,	729:12	clarification
779:11,13,21 784:12,16,25	740:3,9,13,17,20	8 900:6,11	chemicals 658:9	690:1 766:10
785:1,9 786:5	741:5,7,23 742:1,	challenge 711:4		800:20 897:23
788:11 789:14,18	13 743:1,20	796:23	chemist 707:10	000.20 097.23
806:4,6,7,11,13,	744:10,19 745:10	ah allam nim n	chemistry	clarify 650:5
15 835:23 850:8,9	746:17,23 747:4	challenging	685:14 695:9	683:9 740:10
857:7 884:21	756:19 758:19	713:19	699:1 729:13	766:17 785:19
007.7 004.21	759:2 762:10,13	chamber 697:22,		836:1 852:21
centers 778:15	763:5,13,19,21,25	25	children 613:3	857:5 900:3,7
Central 789:22	764:11 766:7,20	ohones 000:40	872:21	clarifying 741:9
Jona 103.22	767:13,18 768:6,	chance 628:18	China 624:23	801:2,3 862:13
certain 699:23	11,18 769:9 771:3	732:13 790:12	641:7	863:16
724:15 729:22	772:10,18 774:6,	799:2 829:11		
888:18	9,14,17,22,23	857:1,19 893:24	chisel 748:8	Clarion 885:22,
	775:4,7,11 778:11	898:16	749:12	23

Index: clarity..congressman

clarity 772:16 843:25	885:8	811:5,23	comparable 696:2	concerned 611:18 629:3
	Coal 826:24	commission		633:22 643:10
classical 629:10	coal-powered	692:25	comparison	673:19 706:10
classification	826:22	commitments	699:9	713:12 718:19
709:17	020.22	814:23 815:13	compensate	729:12 745:19
709.17	Cobar 775:21	014.23 013.13	675:14 781:23	751:8 808:10,16
clay 651:15 675:9	814:7 815:22	committed 718:1	817:19	839:16,20 856:6,9
731:19 837:7	anda CEO.C	commodity	017.19	857:14 892:5
843:21	code 650:6	•	compensated	037.14 092.3
oloop 700:0.45	771:19 888:1	810:24	719:1	concerns
clean 702:8,15	896:22	common 779:12		621:13,15 627:23
clear 623:12	coincidently	. ,	compensation	630:11 694:7
650:6 715:19	706:23	communicate	643:24 731:4	701:9 709:11
755:22 767:9,23		900:13	820:3 821:18	711:20 724:8
770:23 800:18	cold 772:14	communication	complaint	730:12 745:11,12,
806:1 817:22	777:19,21 819:14	754:24 808:3	861:10	13 760:6 761:1
819:1 849:20	823:25			764:22 783:5
856:11	college 745:25	communication	complaints	790:13,14 804:17
	College 740.20	s 743:10 754:1	850:16	806:1 824:18
clicked 640:6	color 646:11,14	-	complete 694:17	839:24 857:19
client 610:23	711:6	community	765:21 823:2	867:20 879:12,14,
899:14	colorless 700:8	680:10 808:17	700.21 023.2	16 884:7,24
099.14	COIOHESS 700.8	829:6	completed 691:3	890:25 891:7
clients 610:24	colors 646:6	compact 710:13	completely	
611:1,22 613:6	combination	823:8	749:10	concludes
climate-	combination		749.10	770:25 772:8
	826:14	compacted	compliance	conclusion
controlled	combine 631:13,	631:9 731:25	656:16 657:6	650:5 862:10
738:25 739:25	22 845:17 852:11	748:1 749:8	658:4,6 722:15	889:3 898:6
Clive 775:3 810:7	aambinad	compacting	complicated	
-1 004.40	combined	710:8 711:1 732:4	complicated 862:3	condemn 746:12
close 621:10	729:19 824:14	844:20 891:10	002.3	condemnation
626:25 627:22	combines	4.	comply 899:24	677:25
630:1 633:10	838:12 845:10	compaction		
634:12 680:6		673:20 674:9,16	component	condition 658:3
689:22 692:11	combustion	675:1,6,19 710:16	616:23 787:19	859:2
732:17 750:10	697:9,14 700:13	745:5 758:1,3,8,	compromise	conditions
756:9 777:15	713:9	10,12 759:16,22,	705:23	693:17 744:20
782:13 792:10	comment 688:11	25 760:6,13 773:7		877:19
808:13,19 810:19	814:13 821:16	842:8 845:5 851:5	compromised	077.19
857:13 859:22	842:3,4	856:18 884:18	705:17	conduct 899:23
closer 620:19		891:7	computer 773:9	confidential
822:21 859:24	commentary	companies	•	610:23 611:1
	758:24	696:14,17,19,20	concept 702:18	010.23 011.1
closest 617:23	commented	715:21 786:22	concern 626:6	confine 759:6,12
652:25 679:19	699:16	882:20	632:22 688:19	confinement
680:1 713:5			690:3 696:24	699:23
Club 622:24	comments	company 610:15	698:3 706:14	099.23
703:4,20 747:8	661:12,19 662:12	612:19 657:1	712:13,19,22	confirm 664:14
797:23 855:22	716:14 732:7	677:20 682:7	718:21,23 733:16	836:9
884:4	734:16 759:12	694:21 761:3,10,	746:13 791:1,2	oonfligt 007:44
	813:21 814:4	19 770:8,9 773:15	795:16 803:25	conflict 807:14
clue 815:7,8	816:9 821:14	796:20 829:23	804:1 816:8 833:9	confusion
830:5	867:4	840:7 846:20	839:23 857:10,11,	899:21
CO2 732:8 733:19	commercial	851:24 857:22	16 880:18	
782:13 816:21	782:1 810:2	882:25 891:20		congressman
i -	-			

Index: conjunction..crews

IUB REARING 08/2	4/2023		IIIU	ex: conjunctioncrews
899:14	726:5 727:17	766:2 891:23	814:16 821:19,20	873:24 874:14
	731:7 821:1 827:9		831:22 832:16	882:6
conjunction	866:18 884:25	convenient	838:6 855:13	
658:23		894:13	856:5 860:8	couple 616:17
connected	consult 653:8	conversation	864:17,19,24	642:23 651:2
878:15,20 879:4,	727:15 821:2	672:3,4 809:13	865:8,11,16	657:25 731:9
	866:5			766:12 787:4
21		829:16 830:1,3,8	866:7,16 867:3	788:4 793:9
connection	consulting	conversations	868:12 875:4	825:20 864:25
670:1,9 733:22	768:14	714:9 715:7	876:5	867:19,20 880:17
•	contact 610:15	752:25 753:8,9,13	correctly 610:17	895:13
conscience	611:12 643:22	766:11 809:19	673:19 721:16	
797:9	755:16	810:4	774:15 784:11	coupled 824:12
conservation			823:13 862:23	court 683:19
656:16 657:5	contacting	copies 798:15		Oddit 000.10
	714:13	00py 672:42	cost 630:10 636:9	courtesy 672:14
658:4 690:24	aantaata 000:0	copy 673:13	660:8 665:6	000.47
691:2 694:13	contacts 886:2	723:6	696:11 761:25	cover 660:17
701:5,6 704:3	contain 705:20	core 741:12	834:18 880:12	680:17 709:22
708:20 722:15	893:17	754:14 755:14		762:4 821:19
727:23 810:22,23			costs 762:5	coverage 731:3
conservationist	contained	corn 617:10	820:24	770:9
702:21	698:19 765:20	686:14 720:19	Council 669:21	770.0
102.21	890:2	738:1 747:19	Journal 000.21	covered 620:3
consideration	containments	755:6,9,11 775:23	counsel 899:2	651:1 715:10
611:15 725:16		783:19 804:11	count 838:14	700.40
	698:14	884:6	Count 636.14	covers 723:10
considered	contiguous		counteroffer	733:21
655:23 834:21	614:20 737:20	corn/bean	830:14	cow-calf 720:17
consistency	775:8,9 832:14	832:23		738:3
900:1	871:25	corn/soybean	counterparts	
		872:11	795:13	cow-calves
consistent 757:7	continue 671:2,6	072.11	counties 630:14	722:4
constant 699:7	756:14 826:9	corner 687:8	669:24 670:25	crap 625:16
Constant 699.7	845:22	738:11,21 739:19,	671:10,16,22	Clap 023.10
constantly	continued	23 740:4 791:6	699:22 733:21	crappy 665:16
628:25		849:20 854:7	099.22 733.21	
0	632:11 817:17	874:3 876:15	counting 824:8	Crawford 657:15
Constitution	872:18 888:22			crazy 661:20
897:1	continues	corner-ish	country 665:17	851:10
constitutional	631:18	687:13	786:23 847:18	001.10
772:2 897:6		corners 759:16	county 614:11,12	create 799:13
	contract 624:22	876:4	635:3 646:13	829:6
Constitutions	635:11 646:23		653:12 654:1	created 740:17
771:22	656:21,23 657:3,	cornfield 754:19	655:4 657:11,12,	
oonotroine-l	21 718:7,8,10,12,	755:4	• • •	757:22 811:17
constrained	20 719:1 853:9	cornetalke	15,20 669:10,18	creates 792:12
879:15	000frontor 050 =	cornstalks	670:1,4,10,24	
constraints	contractor 659:7	694:16	680:12 684:4	creative 764:4
769:2	706:11	correct 615:11	696:23 697:2	credit 851:16
	contractors	651:24 673:13,21	698:11 700:7	
constructed	731:23	684:23 693:14	712:23 731:11	credits 677:20
626:7 630:25		703:6,7 704:15,	737:15 739:7,14	682:11,16 695:4
705:16	contracts 647:5,	16,21 712:3 715:9	741:19 744:25	creek 692:6
constructing	9,10 739:4 895:14	719:21 731:4,5	745:1,17 752:21	CIECN 092.0
	control 652:24	750:14 761:19	775:5 780:6,19	crew 843:4
652:11 653:7	5011t101 002.24	774:16 775:6	794:5 807:10	
construction	convenience		811:12,13,18	crews 859:13
		201/12 16 212:00		
652:6,9 659:8	682:6 733:23,25	804:13,16 813:22	829:1 856:1	
652:6,9 659:8		804:13,16 813:22	829:1 856:1	

Index: crippled..departments

			maox.	
crippled 713:20	799:8	775:19	738:20 743:13	797:1 883:19
critical 708:18	crosses 741:19	Daily 870:10,13	795:21,23 796:1, 8,24 810:1 838:8	decisions 796:3
806:24	794:23	Dakota 700:17	840:4 841:19	declared 650:9
crop 623:7 631:2	crossing 867:8	795:1 842:23	844:6 845:21	decrease 696:8
632:5,8 638:8,22	crossways	844:2 845:7,13	869:11 873:14	711:15
643:23,24 644:14, 15 651:15 655:9,	819:10	846:5 849:1 851:2 852:10 858:9	895:7 897:21	decreases
13,15,16 675:14	CRP 692:20	868:3	days 703:17	790:20
676:8 677:3	704:5,9,10,17,19,		766:12 822:17	
694:13 710:23	24 717:24,25	damage 618:11 634:5,8 638:8,22	823:1 841:13	deem 857:1
722:11,13,14	718:6,9,14 722:7	653:1 659:19	dead 634:13	deemed 695:11
731:5 732:5	745:8	675:14 676:11	702:13 881:9	deep 757:17
738:1,6 759:21,25 783:19 791:25	culvert 692:12	677:3 725:1	deadline 841:13	804:21 828:13
805:17 806:25	712:25	730:25 731:5	deal 632:5 638:25	837:2,5 849:8
807:1 810:24	culverts 692:8	748:2 754:22	645:24 655:8	869:3 875:10
817:15,17,19	curious 774:1	755:1 783:8,9 791:3 821:22	664:1 751:2,5,7	deer 717:18
821:19 823:16,25	789:11 825:15,19	866:19 886:22	761:6 763:2	define 646:22
824:1,5,6,11	869:22		765:10 794:7	
832:23 845:11 853:11 866:8		damaged 627:12 867:1 880:13	820:10 831:10 844:10	defined 819:5
872:11 884:13	current 615:14, 17 686:9,11			824:3 888:16
	737:10 775:15	damages 632:8	dealing 758:10	definitely 658:1
cropland 708:22 800:16,17	832:21 872:7	636:6 641:2 643:24 644:15	815:17 862:21 871:24	751:1 816:14
,	curve 705:20	677:6 711:10	-	819:18 821:3 837:1 857:9
croppable		754:18 755:17	dealings 676:3	876:12 884:10
629:20	curved 623:12	783:18	714:9	885:1,10 886:17,
cropped 617:4 628:22 877:13	curves 707:19	damaging 674:7	deals 765:5	24 891:21 892:11
	curvy 707:14	dangerous 694:1	dealt 666:6 761:4	definition 819:11
crops 617:8 623:6 652:23	customer 838:8	881:19 882:24	840:10	definitive 817:22
674:17 731:24	customers 838:8	883:12 887:2	death 697:22	degree 685:16
748:10 783:8	840:1 857:21	DAPL 868:11,14,	791:8	_
805:14 884:8,15	cut 631:5 644:11	17	debate 794:12,14	Delaware 815:19
cross 657:22	755:4,13 806:20	darn 656:1	decades 791:15	delayed 636:10
704:19 712:11	839:22 845:16,24	darnedest	805:4	demand 695:14
749:22 781:7 782:9 854:24	846:5	709:20	December 770:1	demonstrate
875:2	cuts 659:7 839:10	data 778:15	894:16	670:21
CROSS-		811:16	decent 884:12	denied 771:13
EXAMINATION	D	date 716:18	decide 641:5	Denison 680:1
622:19 642:1	dod COC.4 COO.4	769:18 812:8,9	678:16,24 682:15	denser 713:13
こうしょうしょう マンシ・イ			700.5	
662:9 669:2 703:1	dad 686:4 688:1	870:8 893:6 898:8	796:5	
716:3 728:8 729:4	690:16 691:2 694:15 702:8	dated 822:13	796:5 decided 649:10	department
	690:16 691:2			department 679:20 680:8,9
716:3 728:8 729:4 747:5 757:1	690:16 691:2 694:15 702:8 706:10 709:20 715:3 717:14	dated 822:13	decided 649:10	department 679:20 680:8,9 681:24 751:13,14
716:3 728:8 729:4 747:5 757:1 769:10 797:20 813:15 821:12 855:19 860:14	690:16 691:2 694:15 702:8 706:10 709:20 715:3 717:14 718:8,10 719:6,15	dated 822:13 893:14 daughter 770:10	decided 649:10 718:25	department 679:20 680:8,9 681:24 751:13,14 809:11 885:19
716:3 728:8 729:4 747:5 757:1 769:10 797:20 813:15 821:12 855:19 860:14 864:11 867:15	690:16 691:2 694:15 702:8 706:10 709:20 715:3 717:14 718:8,10 719:6,15 720:5 722:18,19	dated 822:13 893:14	decided 649:10 718:25 decides 701:22 819:15	department 679:20 680:8,9 681:24 751:13,14 809:11 885:19 department/
716:3 728:8 729:4 747:5 757:1 769:10 797:20 813:15 821:12 855:19 860:14 864:11 867:15 884:1 887:7	690:16 691:2 694:15 702:8 706:10 709:20 715:3 717:14 718:8,10 719:6,15 720:5 722:18,19 792:15 816:8	dated 822:13 893:14 daughter 770:10 David 864:13 869:15 870:21	decided 649:10 718:25 decides 701:22 819:15 deciding 715:1	department 679:20 680:8,9 681:24 751:13,14 809:11 885:19 department/ rescue 751:18
716:3 728:8 729:4 747:5 757:1 769:10 797:20 813:15 821:12 855:19 860:14 864:11 867:15	690:16 691:2 694:15 702:8 706:10 709:20 715:3 717:14 718:8,10 719:6,15 720:5 722:18,19	dated 822:13 893:14 daughter 770:10 David 864:13	decided 649:10 718:25 decides 701:22 819:15	department 679:20 680:8,9 681:24 751:13,14 809:11 885:19 department/

Index: depend..docket

depend 675:8	designing 698:8	724:11 888:4	directed 757:9	dish 706:25
751:16 880:8 884:13	destination 670:5	889:13 dictate 864:2	790:16 directing 761:7	disinformation 888:14
depending 690:14 727:20	destroy 702:18	die 697:12 883:15	direction 708:3	disk 749:12
776:16 809:5	824:5 844:22 852:2,3	died 616:2	716:5 directly 613:9	disperse 707:6 885:8
depends 852:14	destroyed 781:5	differ 860:21	689:1 889:15	dispersion 707:5
depth 875:5 880:11	destroying 794:10	difference 630:24 673:15,17	dirt 628:7 644:21 658:8 709:18	disposal 697:19
depths 859:25 860:1	destruction 702:19	703:11 770:2 789:22 807:2 811:25 846:7	732:2 839:14 851:4	disproportionat e 772:4 897:8
derivative 732:18	detail 835:1	894:15	disadvantage 666:24	dispute 761:2,8 764:23
Des 643:21 679:23 698:1	861:16 details 873:20	differences 859:16	disadvantages 621:24 746:20	disqualified 742:9
describe 615:14 616:12 620:2	determine 862:25	differently 661:17	disagreement 672:23 762:19	disrupting 701:4 880:6
621:12,23 660:2 690:6,7 694:6	determined 866:24	difficult 662:13 825:6 843:19	disappointed 672:1	disruption 805:11 822:13,24
737:10 739:17 745:10 746:19 753:8 775:14	determines 655:22	dig 625:12 731:16 843:16 844:15 860:3	discarded 794:21	disruptions 822:19
790:3,12 872:7 873:18 879:11	detests 717:19	Digest 870:11,14	discharge 696:3	distance 661:3
described 862:22	detriment 715:15 779:7 780:2 783:2 784:6	digging 623:24 710:6 717:19	disclose 719:20 disclosed 742:10	679:11,25 680:25 881:22
describing 614:25 716:22	develop 779:5 782:7 786:19,20	822:2 844:1 dike 698:17	disconnected 660:7	distances 699:23 distant 804:9
717:6 description	developed 776:11 790:24	dime 612:2 dimension 882:7	discretion 672:14 824:13	distinct 863:12, 23
685:7 712:5 788:10 832:21	829:18	dimensions	discuss 725:6	distributed 723:6
835:2 853:3 861:18 873:10,16	developing 777:24 802:3	726:18 diminish 710:22	766:25 discussed	distribution
descriptions 685:2	development 742:24 788:2	dioxide 695:11,	662:12 674:9 765:18 783:10	750:1 disturb 745:2
deserve 644:8	801:20 803:4 829:14	12,14 696:7 697:21 698:24 699:20 700:8	814:13 853:12 discusses	disturbed 718:18
design 726:18	deviate 861:1	701:24 706:15,22	887:15	756:15 ditch 618:23
designated 610:7 703:22,25	device 899:17 diagonal 793:8	707:2,6 713:13,18 714:4,5 729:11, 14,16 730:9	discussing 685:19 763:8	ditches 658:9
786:10 787:10,18 designating	diagonally	733:6,11,14 881:16	discussion 671:18 709:6	844:24 DNR 645:22
776:13	707:14	dioxide-rich	720:13 746:9 781:24 831:8	doable 859:12
designation 786:15	diagram 806:9 888:23	697:7,11 713:10	discussions	docket 609:4 661:12 716:15,19
designed 698:17 802:9	diameter 634:25 676:4 679:5	direct 802:18,21 877:6 889:8	680:13 739:14 784:2 810:13 886:2,13	867:5

IN RE: SUMMIT CARBON SOLUTIONS IUB HEARING 08/24/2023

628:6

694:3 741:3

Index: document..education document 648:3 dozer 624:11 754:15.18 755:3. early 637:18 easements 663:10.15 716:25 636:14.16 844:9 4,10,13,14 639:9 666:13 619:7 648:21 732:11,12 809:18 819:5 664:14 692:23 dry 659:10 844:22 dragged 673:2 864:21 893:8 693:2,4,11 743:9 762:20 **earned** 702:9 dryness 866:24 744:14 764:25 documentation drain 619:20 Earth 773:25 772:19 779:23 dubious 791:13 699:16 691:23 876:3 845:6 782:21 788:13 documented 789:11 839:4 **Dublinske** drainage 619:11 easement 625:2, 745:17 881:1 886:7 670:13,16 671:13, 708:14,18,23,25 3 637:13,16 14 673:6 762:7,15 documents easier 614:15 717:15 719:22,24 640:25 641:5,13, 763:14,15 799:5, 664:22 684:7,13 662:14 664:12 880:7 15,16 648:18 21 861:6,8 649:18,20 650:17, 685:4 695:17 **Dodge** 612:18 draining 692:2 867:13,14,16 25 651:16,17 737:3 837:22 665:20 709:4 733:12 868:20 888:10,12 652:3,6,9,10,13, **easily** 627:5 dollar 630:6 **Drake** 685:15.17 **Dublinske's** 15 664:12 673:10, 838:21 757:14 800:1 12 675:14 677:1, **draw** 688:22 2,17,19,23 east 616:19 dollars 657:4 837:21 due 621:5 688:14 678:14,19,22,25 619:20 620:21 667:22 781:21 740:22 771:10,22 714:11 715:11,12, 627:14,15 652:19 drawing 808:2 783:20 804:8 772:3 896:9,11 660:6,10 679:13 14 721:22 724:2, 810:18 878:9 880:12 897:1,7 9,12,17,18,20 687:4,23 689:14 885:3 drawn 720:6 725:7,14,24 690:1 691:23 dug 821:24 822:1 780:4 807:8 726:1,4 727:8,12 718:16 738:7 domain 639:12. duly 613:21 729:6 730:21 740:6 741:19 15 648:10 649:19, **drilling** 741:12 683:16 736:8,15 731:2 742:14,17 744:16 750:8 24,25 650:2,9,12, drinking 699:5 774:21 832:3 19 673:4 676:7 746:5 750:24 751:25 776:23 871:15 694:20 701:12 755:21 756:8 784:16 801:25 drive 613:4 757:4,10,11,19,21 802:6,16,17 819:9 703:20 711:14 626:17 652:21,22 dump 695:23 760:3,11,20 825:22 826:12 712:15 714:21 729:11 665:19 697:10 761:21 762:9 835:21 873:22 724:4 725:7,11 711:5 732:3 dumped 645:21 763:4,8,18 764:3 874:9,18 878:19 758:6 770:19 734:12 759:19,23 667:21 696:4 765:19 772:21,24 884:21 791:11,14 792:7 770:12 785:10 781:15 784:1 818:2 831:1,3 dumping 700:16, 803:3 844:23 east/west 712:1 803:9 810:15 840:6,14 841:6 21 701:1 846:15, 845:9 811:1 812:7,19, eastern 775:20 847:23,24 851:23 16 driven 802:3 21.23 813:6.9 876:3 858:5,12 864:22 dwelling 780:15 814:20,24 816:17, 883:2 886:16 driveway 849:12, easy 696:10 893:3 25 818:20,24 17,18,20,21 699:1,20 706:8 819:13,20,23 850:13 854:6,12 Ε dont 744:2 782:7 871:10 820:16,23 823:18 driveways 805:4 824:19 825:3,4 eating 807:19 door 714:16 earlier 635:5 848:10,11,12,13, 791:17 793:6,24 driving 629:1 639:25 648:21 eats 807:24 20,22,23 850:3 810:6 693:23 697:13 655:18 658:23 851:5 860:20,25 economic 636:6 662:12 713:7 doors 786:21 drop 618:8 645:8, 861:4,14,21 711:10 886:22 745:19 752:20 18 696:7 850:14 862:8,20 864:17, **DOT** 802:1 757:7 765:18 economically 852:23 23 865:10,12,22 790:7,19 800:20 double 627:1 636:22 868:6 882:4.5 dropped 626:24 804:2 807:9 636:15 883:5 886:5 edge 616:19,24 720:19 808:18 810:2 887:15,18,22 doubling 635:25 631:12 692:18 819:4 821:14 **dropping** 720:19 888:15,19,21,23 777:6 808:20 823:6 865:17 doubt 626:2 889:9,22 890:3 831:9 833:14 drought 628:5 895:12 655:3 891:14,19 892:6 834:11 717:16 718:2 Earling 622:8,9, 895:14,19 downpours education 667:2 drove 610:10 10 660:25 700:5

685:12

Index: effective..existence

effective 703:14	758:6 770:18	enough 660:8	eroding 691:17	871:16
effectively 768:15	791:11,14 792:7 818:2 831:1,3 840:6,14 841:6	675:20 681:6 715:19 732:24 783:10 810:19	erosion 690:19 748:5 839:11,19, 22 857:12	example 666:3 758:2 759:17 787:1 803:5
effects 708:21 791:8	847:23,24 851:23 858:5,12 864:22	821:17,21 857:17 863:21 879:20	escape 697:14	866:25 894:12
efficient 734:8	883:2 886:16 893:3	893:17 enrolled 654:10,	escaping 699:7 732:13	excavator 843:15,16
efficiently 734:8 effort 611:17	emphasized 732:23	12,21 722:6,10 866:8,11	especially 645:4	excavators 844:4,19
767:23	employed	entangled 761:2,	709:1 714:17 794:20 857:19	exceed 724:11
efforts 754:11	783:23	12,25 764:23	essentially	888:3
eight 744:11 785:16 838:11 851:7 872:18	employees 613:2 840:1 842:1 857:21	enter 726:3 865:14	677:25 757:8 808:5 890:25	except 617:4 856:24 891:25
	enable 878:24	entering 863:9	estate 781:1	exception 714:23
eighties 702:15 720:22 721:5	encompass	entire 623:5 685:23 737:12	estimate 813:2	_
elaborate 852:12	679:12 800:13	740:4 793:22	ethanol 669:19 670:5,10 671:17	exceptionally 735:12
elaborated 853:3	end 610:4 632:20	entities 761:9	682:17 881:16	excerpt 887:13
election 682:14	658:1,13 670:1,5, 17 686:19 700:24	entity 766:3	evasive 810:12	exchange 678:3
electric 697:16 779:21 785:8	704:14 710:19 762:19 771:7	entrance 753:12 761:16 765:9	evening 731:10	exciting 781:16
806:14,15,16	782:6 795:24 796:24 806:12	enumerate	event 609:18,23 611:18 612:13	exclusively 686:12
electrical 855:13	812:7,9 815:25	711:12	700:9 735:10,11 808:23	excuse 732:15
electricity 833:13 834:23,24	822:22 ended 712:23	envelopes 847:23,24 848:4	eventuality	772:13 802:20 878:10 889:14
electronic	753:13 841:12	environment	680:11	excused 683:3
798:16 899:17	ends 729:23	682:13	eventually 625:8 630:9 638:4	774:7 831:17
eleven 869:17	839:1,2	EPA 645:23		897:19
else's 797:5 813:6	energy 700:20,22 743:12,14	ephemeral 629:15,17	everybody's 657:13 730:3	executing 854:17
emails 809:22	enforced 900:5	equalizes 730:10	734:8	exhibit 646:4,8
embedded	engaged 735:22	equipment	evidence 762:17 788:24	648:1,2 672:24 722:22,23 771:6
861:23 862:10	870:25	626:16 631:9	exact 670:14,17	784:18 788:18,19
emergency	engine 697:9	634:18 644:20 645:12 674:4,6	754:22 826:25	789:5 798:13,21 800:3 806:2 807:3
679:18 680:4,18, 23 681:13,21,23	engineer 695:9	675:2 680:16	870:8 898:8	818:5,6,12,16,21
682:3 713:3 732:7	855:13	681:8,10 702:10	exactly 615:19	820:12 861:17,21
809:2 885:14,20	engineering 685:13 729:12	726:22 739:4 805:6 822:6,9	628:21 629:12 638:1,20 651:19,	864:21 887:14 888:16 889:9
eminent 639:12,		erode 701:8	20 717:12 749:23	890:15
15 648:9 649:19, 24,25 650:2,9,12,	engineers 842:16	eroded 837:6	759:7 843:17 848:14 851:11	exhibits 671:9 818:24 820:13
19 673:3 676:6 694:20 701:12	engines 697:14	erodible 619:18	859:14 863:1 899:23	exigent 899:5
703:20 711:14	700:14 713:9	627:24 653:24		_
712:15 714:21	enormous 825:16	655:21 656:11,14, 15 703:23,25	examined 613:22 683:17 736:9,16	Exira 681:22

Index: exit..father's

exit 865:14	explosive 826:14	770:6 894:21	642:4,11 644:2,5	846:19
	•		653:12,14 654:6,	
expand 699:4 790:17 821:15	exposed 697:20 713:15	factory 781:6 783:14	10,12,20,22,23 655:9,14 656:17,	farmhouse 687:9,15 688:1
expanding	express 790:6	facts 762:17	24 658:4,7 664:25	689:12 733:2
791:22	896:17	771:15 896:17	665:1 679:22 680:7 685:19,25	farming 644:8 653:22 657:17
expands 733:15	expressed	factual 762:23	688:8,9 689:21,22	664:24 746:3
expansion	867:20	fail 713:10	692:8,20 702:9	756:14 779:2,8
777:23	extend 679:9		706:5 711:2,8,14,	833:1 853:23
_	731:1 874:22	failure 673:25	17 716:10 718:24	855:23 866:12
expect 626:13		797:3	719:5,6,16,20	872:22
631:20,22 636:6	extended 677:2	fair 664:14 666:21	722:6 737:6,9,11,	formland 007.0
700:24 769:24	extensive 867:23	667:25 668:5	12,15 739:22,23	farmland 637:9
778:8 779:3	avtant 000.4	677:22 792:25	742:23 744:23	715:15 778:23 781:25 790:22
805:17 814:21 820:22 822:9	extent 888:1	793:21 815:16	745:9,15,16	811:18,22 880:16
824:7 828:19	extra 636:15	824:22 825:3	746:1,4,14	881:13
866:17 898:7,9	765:9 839:13	863:21 864:3,4	747:19,23 748:12,	
·	extravagant	882:22	25 751:23 754:15	farms 642:9
expectation	625:7 626:3	fairly 626:12	755:24 756:12	647:21 658:13
799:7 863:8		727:21 794:9	770:3 777:7 778:8	686:4 700:3 701:7
expected 627:8	extremely 632:3		782:7 787:1	722:11 728:13
644:11 817:15	637:9 674:6	fall 658:14 738:4	790:23 810:3	749:1 805:2,8
	732:17	749:11 823:15	811:6 812:16,20, 25 813:4,18 817:7	812:3,4 817:9,10
expecting	eye 618:1 665:22	falls 645:18	824:20 842:24	821:25
778:20	_	familian 040.40	845:22 846:12,14,	farmstead 616:4,
expects 724:24	eyesore 702:6	familiar 648:12	15 847:15 851:4	18 617:4 618:25
ovnonco 626:12		722:17 786:8	853:17,22 854:9,	619:4 620:21
expense 636:12 833:16 882:21	F	806:4 818:16 868:8,11,14	10 864:8,10,14	621:1,8 627:13
033.10 002.21			868:16 872:13,18	629:22 633:9,16
expenses 647:15	Faber 869:14	families 842:1	873:5 874:1	660:6,12,14 661:9
681:7	face 744.40.740.0	857:20	876:14 880:5,8,19	689:4 881:22
expensive	face 714:16 716:6	family 614:18	881:7 882:22	farmsteads
626:19 647:10	face-to-face	615:18,19,23	883:6,7 886:20	621:9
667:4	664:9	616:5,6,9 627:20	890:8,13	farther 652:19
	facilities 739:24	685:21 686:3	farm-specific	707:17 777:4,25
experience 758:9 792:7	740:2 837:12,15	695:1 701:7	657:9	790:23 802:5
821:23		712:15 715:14		807:23 826:19,24
	facility 738:12,25	722:25 737:13,14	farmable 731:22	
experienced	739:3 740:4	745:15,17,22	farmed 617:3	farthest 620:18
609:17 822:24	826:2,10,23	747:24,25 748:6	625:5 711:24	806:12
expert 632:25	829:13,21	776:8 779:2 787:1	737:12,13,15	fashion 898:11
634:2 685:25	fact 610:9,20	789:24 814:5	746:15 756:1	fact 720,5 722,40
795:8	612:22 673:25	840:1 842:24	775:23 872:10,14,	fast 730:5 733:10 738:15
ovnlain 605:40	675:13,18 686:16	847:9,15 853:22 857:21 872:12	15,16	
explain 685:10 767:3 786:9	702:5 729:20		farmer 631:17,20	faster 839:22
788:19 814:18	764:24 784:18	family's 755:23	702:20 722:4	fastest 686:5
827:18 851:8	805:21 824:12	756:12	747:24,25 834:2	
	846:4 889:4	fantastic 852:6	845:8 846:17	father 685:22
explained 638:10	891:18 899:13		850:21 858:17	686:17 687:10
667:14 816:21	factories 778:14,	farm 614:18	farmers 664:21	714:14 853:23
explanation	15,16	615:18 625:5 626:20 629:12,21,	665:7,10 694:25	father's 703:12
669:13 849:2	factors 664:20	22 634:18 641:21	722:3 732:4	814:13
		22 007.10 041.21		

Index: father-in-law..follows

	172020		- Index	. idiiloi iii idwioiiowe
father-in-law 854:3,4 875:7	769:21 833:17 883:12	figure 725:1 730:6 734:20	finite 816:17,19 fire 679:20 680:6,	fixed 627:3 702:11
fault 854:23 860:1	fence 625:13 631:24 686:20	852:1 899:4 figured 783:18	8,9,17 681:4 751:13,17 809:11	fixing 623:22 659:22
favor 641:16 701:13 730:22	720:24 755:4,5,14 833:6 834:7,9	file 647:4 661:12	885:19	flags 638:6
fearful 730:16	835:21 836:17,22 839:7 848:8,19,21	716:14 738:9 777:3 813:23	firmed 839:21 first 609:7,11	flashed 752:20 788:18
fears 763:10 815:24	850:2,4 863:4	filed 643:5 646:9 648:1,5 650:2,13	613:21 635:4 639:13 662:5,21,	flat 727:21 782:5
feature 615:1 836:9	fenced 686:16 721:9,12,13	661:17,19 743:13 758:5 798:19	22 683:16 694:10 697:3 706:9 707:3	789:6 821:4 flavor 777:5
features 617:12 619:10 671:20 690:8 693:17	fences 625:7,9, 12 686:18,19 720:15,20,22,25	813:20 814:4 848:17 867:4 887:14	730:3 733:1 735:3 736:8,15 738:20 753:9 758:5	flier 769:17 770:17
744:20 789:8 838:20 877:18,25	721:4,6,7,15,18 fencing 636:8	filing 649:23 738:23 770:18	774:21 781:24 789:20 795:22	Flight 698:1 flip 645:9 733:11
federal 654:10 695:3 722:6	fertility 631:1 674:9 710:22	fill 740:7 841:12 873:19	797:16,24 801:23 804:3 808:7 811:2,14 812:6	841:11 848:10,18 860:23
866:11 feel 614:3 616:12	711:1,13 804:18 884:9	filled 893:21	826:10 832:3 839:25 840:24	flipped 656:4 863:3
644:9 655:13 663:15 667:24	fertilizer 696:20 698:16 720:19	filling 841:12 final 777:1 796:15	843:12 844:13 850:18 854:24	flipping 849:15
695:16 746:10 754:10 761:11	777:11	819:5 844:16 869:11,15 897:21	855:2 870:6 871:15 880:1	flood 877:11,15 flooded 626:14
765:3,4 790:17 797:13 840:5	fertilizer/urea 808:25	finalized 870:5	887:19 893:1 895:21 896:5,21 898:23 900:13	floods 877:13
847:22 848:5 858:3,4 879:15	fever 696:9 fiber 693:8	finally 677:13,14, 15	fit 795:5	floored 649:24
880:15 881:11,12 882:19 883:2	744:18	financial 695:2 731:3	five 624:14 628:15 644:13	flow 699:6,8 flowing 874:8
886:16 891:19 893:18 895:15	fiber-optic 816:23 838:23	financially	645:6 659:10 666:17 680:21,22	Floyd 829:1
feeling 899:24,25	field 622:12 625:19 629:14	696:13 730:18 financing 815:2	681:14,22,25 685:21 705:11	fly 808:21 focus 743:3
feelings 790:6 feet 628:7,11,14	661:2 700:6 741:4 753:24 755:6,13	find 659:9,10	723:17 746:14 750:6 751:19,21	Focusing 739:2
634:14 679:9 688:17 699:24	782:9 805:3 819:12 827:24	690:17 702:12 703:14 720:8,10 722:21 728:21	770:12 780:11 809:11 811:9	folks 654:25 752:14
700:5 724:12,13 757:17 782:15 793:7 804:4	831:14 839:2 843:17 849:13,14 850:6,10 858:22	729:7,24 752:13 790:1 820:1 831:6	813:20 828:14 847:23 866:25 874:17 885:17	follow 651:10 662:11 725:18
807:16 808:8 828:14 837:5 838:3 839:2	876:3,9 fields 693:24	fine 615:10 648:17 661:15 716:6 747:2 779:5	five- 828:19 837:10	766:23 767:10 814:23 851:9 865:6 867:24
844:14 849:8 850:3,6,8,10	720:18 fifth 811:24	788:22 832:20 843:22 871:5,12	five-year 817:18 fix 624:3,15 627:4	follow-up 640:24 642:5,7
859:3,4 869:2,3 875:10 881:23 882:1,3 887:22	fifty 804:8 fight 675:10	894:8 finish 768:4	658:15 659:12,16 706:8 725:2	followed 640:13
feet along 850:2	712:15,16 765:5	824:1 finishing 686:17	fixable 837:1	following 766:14, 18 797:14 898:6
felt 626:21 757:7	fighting 632:17 746:8		fixating 860:18	follows 613:22
I .				

Index: font..grade

				9
657:11 683:17	foundation	658:24 702:3	775:8 811:14	glass 813:5
736:9,16 774:22 832:4 871:16	772:6 897:10	funny 725:12	857:5 890:15,19	goal 739:18,19
font 684:14,18	four 621:9 627:21 679:14 681:25	fussy 657:13	gelatin 826:6	740:11 897:25
	682:12,14 686:3	future 615:16	Gelita 826:3	God 730:2
food 895:7	689:7 743:9 750:6	641:2,3 685:8	general 618:14	Godbersen
foot 631:24	762:22 780:9	686:10 695:8	685:7 691:4	751:23
679:17 780:20	791:14 808:14	737:11 738:8	757:14 778:10,13	Godbersens
782:6 807:11 818:25 848:12,21	809:21 811:9,16 812:3 813:20	739:24 747:17 767:21 775:15	828:9 838:7 873:10	751:22
	837:5 843:16	776:14,17 779:7		Godbersens'
for-profit 694:21	875:9 893:22	780:3 784:6	generally	744:7
756:11 796:20	fox 717:19	786:24 790:25	691:23,25 852:16 876:2 880:23	good 600,2 616,2
forbid 730:2		796:5 804:9,15		good 609:2 616:3 622:1,5,21 628:17
force 714:19	free 614:3 616:13	832:22 833:11	generate 802:24	629:21,24 633:16,
885:18	695:16 790:17	872:9,23	generating 813:5	19,21 635:16
forced 858:6	Fremont 669:18		generation	637:9 639:10
	670:1,4,10,24	G	693:21 694:11	642:3 655:2
forcing 694:21	frequently	_	719:14 746:2	662:11 669:4
771:11 793:1	693:24 708:4	gain 678:8 730:17	generational	674:17,24 678:19 690:24 694:5
foreign 847:18	799:25 875:25	796:19 882:19,25	792:12	703:3 709:19
foresee 886:22	877:11	gained 891:13		710:3 711:23
foreseeable	friction 780:21	gaining 715:17	generations 685:21 746:15	713:24 722:20
764:5 804:14	friend 873:6	gale 714:19	756:1 872:24	728:10,17 736:3,4
		_		737:5 743:3 744:3
forest 789:10	friends 759:11	galvanized 778:3	generators 700:2	768:20 790:1 794:7 798:22
forever 659:18	front 611:24	gambling 681:7		801:4 813:8 817:3
678:9,23 700:19	638:23 650:21	garage 616:15	generously	831:10 842:22
731:12 796:19,22 814:21 816:17	764:21 841:21 845:14	793:13	613:2	867:17 872:5
822:19 847:9		garbage 696:4	German 680:7	882:20 883:2
851:12 880:16	frontage 781:3,8, 18		get along 853:6	886:18,19 887:9 899:8
forget 617:17		garden 674:19	geyser 806:21	
630:12,20 818:23	frost 828:17	687:18 710:9,11 724:24		good-bye 752:9
	fruitful 753:11		give 631:16	Google 773:25
forgot 649:1 660:1 676:22	frustrating	gas 618:19 696:1	633:12 638:12,21 639:10 643:1	845:6 851:8,12
	735:12	699:11,13 700:4, 9,24 711:19	658:19 661:10	Gotcha 774:4
forgotten 648:22	FSA 655:1,21	713:15 743:7	668:19 676:14,25	828:7 834:13
former 899:14	718:8,25 719:2	876:9	677:17 685:6	853:25
Fort 612:18	fuel 808:21,22	gaseous 698:25	701:3 716:17 729:21 746:4	governed 668:10
665:19	fulfill 815:5 816:5	gases 696:8	765:13 777:4	government
forty 804:8		_	795:15 812:7	653:20,21 657:2
forward 796:11	full 741:13 771:14	gate 652:18,19,25 653:2 721:21	831:3 837:14	677:19 681:9,13
851:13	full-on 748:7	722:1	845:1 851:16 856:10,25 890:8	682:19 690:25 791:18 810:22
fought 765:8	full-time 838:11	Gateway 791:20	giving 650:22	GPS 626:5
found 659:4	fully 675:6	gather 787:15	677:21 685:1	
698:15 714:15	-	890:12	752:15 890:14	grade 653:6,9 654:3 727:16,18,
715:1 842:17	fun 751:7		glad 642:23 656:7	25 820:25 821:5
	functioning	gave 663:15 667:14 728:16	664:4,5	857:9 866:4,6
		007.11720.10		
1				

Index: grading..hauling

00/2	172020			idox: gradingidaiin
grading 653:14	696:7	647:3,24 649:6,	614:7	687:5 726:24
grain 849:13	grew 615:22	12,14,16 661:24	H-O-F-F-M-A-N-	760:13 767:2
_	628:24 688:2	716:1,2,4,8,10 723:23 724:1	N 871:21	778:24 779:1 796:16 802:13
grandchildren 872:21	grossly 772:3	728:2 797:17	H-OB-027 832:13	827:16 842:2
	890:13 897:7	800:19 801:3		845:23 851:25
grandfather		813:14,16,17	H-SH-023 614:9	857:18 858:24
791:17 792:15 872:13	ground 619:24 620:24 624:16	818:4,7,9,11	H-SH-024 614:9	864:2
	626:13 629:5,23,	821:6	H-SH-029 683:7	happened 634:7
grandkids 630:8	24 630:4 636:24	guarantee 624:6	684:7	795:25 798:3
796:13	644:24 645:22	663:7 700:16		830:1 833:20
grandpa 693:23	651:15 654:4	840:2 844:18	H-SH-035 683:8	happening
694:3	655:7 674:4	847:18 856:12,14	684:22	742:25 803:3
grant 819:15	686:15 700:10	guaranteed	H-SH-063 683:8	893:19
_	709:22 710:18	658:19 869:4	H-WO-030 737:2	hannana (04.40
granted 819:24,	712:17 718:6,18 727:22 732:9	guarantees		happens 621:10 630:3 636:5
25 865:2,13,22 866:18 886:18	733:5 738:5	700:15	H-WO-031	660:24 674:3
	744:24 745:9,15,		774:11	695:4,5,7 730:1
Granville 832:10	18 746:2,3,4,9,15	guard 618:4	H-WR-039 872:3	759:22 782:24
842:21 844:5	747:19,23 755:24	808:21	half 620:14	783:7 797:3
858:23	756:1,2,12 760:15	guess 617:16	626:24 631:21	847:11 883:14
grass 629:7	770:4,24 775:25	620:13 622:2	657:4 688:25	happy 662:4
657:8,13 692:14	776:15 778:8,9,21	624:13 629:6	699:19 743:24	668:6
707:22 708:9	780:24 782:1,5 785:17,18 788:7	638:24 640:9 649:11 667:8	744:9,11 777:8,9	hard 616:16
718:19 835:7 850:6	790:23 804:7	677:12 684:13	778:1 780:10	618:11 620:2
	810:2,3 833:1	691:6 692:24	782:11 794:22 802:1,16 873:22	661:22 674:16,21
grasslands	836:15 837:5	731:22 737:17	875:21 877:3	676:17 681:19
717:17	839:18,21 840:6	753:10 778:1	882:1,9 885:10,12	735:8 773:5
grassy 629:13	841:2 842:12	787:16 790:18	half-inch 634:22	822:23 823:25
grave 702:17	844:1,4,6,20	792:14 799:10		839:8 842:13,15
	845:9 846:16 847:13,14 848:8,	801:12 805:24 830:24 837:21,23	halfway 663:19	872:22 895:19
gravel 616:19 882:6	19 853:1 875:16,	854:2 870:16	706:24 784:17	Harlan 679:19
002.0	17 877:15 880:5,	878:22 881:24	Hamlin 614:7	680:1,19,20
graze 623:9,10	19 881:7,11,20	900:2	hampered 781:4	696:20,21 697:18
738:4	883:6 886:20	guessing 626:4	-	713:5 723:15 726:15
grazed 623:8	893:25		hand 613:18	
great 614:22	group 809:5,9	guidance 795:15	683:14 720:6 736:13 774:19	harvest 694:17
717:6 740:9		gullies 629:15,17	827:14 832:1	755:12
766:24 780:2	grow 617:9 674:17 710:12,20	gully 629:10	871:7,13	harvested
781:17 784:21	747:19 804:5			806:25
798:14 824:25		guy 626:4 846:24	handle 681:10, 16,18 682:17	hashing 664:6
895:4	growing 731:24 804:11 823:16	860:4	703:17 802:10	hassle 625:10
greater 699:11	004.11 023.10	guys 647:18	840:21	712:22
811:24	grows 710:11	668:15 696:25		
green 692:10,18	759:22	698:23 724:25	handling 681:19	hate 799:14
694:13 707:18	growth 776:14	746:10 797:8	handshake	haul 858:18,24
716:23 717:7,10	779:8 802:4,11	844:8	853:9,24	
718:3 748:24	Gruenhagen		happen 624:2	hauled 839:12,13
876:22 881:16	641:21 642:2,3	Н	644:18 645:4,19	hauling 794:16
greenhouse	643:12 646:3,7		646:1,2 682:18	795:1
g. 00 0 400		H-A-M-L-I-N		

Index: hay..home

IOD HEARING 00/2	4/2023			ilidex. flaylollie
hay 623:8 693:23 703:17 738:5	heart 682:1 748:12 847:15	756:19 758:19 759:2 762:10,13	795:15	hill 688:16 706:25 709:4,9,10 732:25
hazardous 609:6	heavier 700:9	763:5,13,19,21,25	helped 663:22	835:22 836:15
636:19 758:6,7	706:15	764:11 766:7,20 767:13,18 768:6,	helpful 665:15,20 671:8 728:14	839:10 857:7,9 866:3
812:25 840:3 842:5 847:7	heavily 802:2	11,18 769:9 771:3	732:19 740:21	hills 629:5 655:19
Hazel 687:6,7	heavy 644:20	772:10,19 774:6, 9,14,17,22,23	810:11 895:20	691:15,16 705:18
689:14 714:18	674:6 675:1 749:9	9,14,17,22,23 775:4,7,11 778:11	helps 790:2	706:21
Hazelton 687:21	805:6 822:6,9	784:8,14,21	herd 720:18	hire 623:25 624:1
he'll 618:9 711:7	heck 681:4 844:20	785:19 786:1,4,7 787:10,18 788:9,	heritage 701:7	636:14 647:16,22 667:3
head 628:1	HEL 619:18	13,17,23 789:1,4,	715:15 737:7,15 792:14	hires 609:20
630:19 752:7	656:13	10 790:3,11 797:12 798:15,18,	hesitate 799:5	hiring 632:15
844:19	held 692:23	23 799:1,18,21		_
heads 741:19	845:13 894:16	801:1,4 813:13	Hey 778:25 878:18	historical 822:12
752:4	hell 644:24	821:9 825:9 831:16,20,25	Hi 622:22 864:13	hit 628:5 637:4,6, 10 687:15 693:24
health 879:22	Helland 609:2,13	832:4,5,11,17,20	hide 845:11	694:4 803:6
hear 635:17	613:15,22,23	833:22 834:1,4,8, 13,17,25 835:9,		835:10
681:21 695:21 784:11 822:15	614:2,8,13,17,19, 22 615:9,13	11,14 836:1,4,7	hiding 847:20	HLP-2021-001
847:19 857:18	616:11,18,22	837:2,7,11,17,25	high 640:4,7,18 645:14 699:1	609:5
860:24 879:16	617:2,5,8,11 618:13,17 619:3,	838:4,7,13,19 849:16,19,23	709:15 729:17	hobby 665:2
heard 635:14,18	6,9,16,19,25	852:6,9,21 853:2,	733:5 770:10	Hoffmann
662:22 664:17 672:13 677:12	620:5,8,16,20	19,25 854:6,11,14	801:21 810:16	869:15 870:21,23 871:4,8,11,14,20
700:15 701:12	621:5,12,21 622:9,16 641:21	855:9,16 856:22 860:12 861:7	high-wheel 645:13	894:1
724:14 731:9 734:6 745:5	642:16,19 662:2,6	862:11,17 863:15		Hoffmanns
748:13 765:19	668:25 670:15,19	864:7 867:12 868:21 869:7,21	higher 640:2,3 677:18 778:23	870:24 896:4,10,
771:14 791:16	671:4,12,24 673:5 682:23 683:2,6,	870:4,10,13,19	highlighted	15
823:13 861:25 862:1 885:9 891:8	13,17,18 684:1,6,	871:3,5,9,12,16,	757:6	hog 699:23
893:20 895:12	12,17,21,24 685:6 686:8 687:3,7,12,	17,23 872:2,6,25 873:4,7,9,18	highly 619:18	hold 629:19 694:17 738:13
898:17	19,23 688:3,9,14,	874:9,13,21	627:24 655:21	762:10 763:5
hearing 609:21,	21 689:6,9,17,25	875:1,5,11,17,24 876:2,7,11,16,21,	656:10,13,15 703:23,25 785:18	799:19 835:9
22 610:7,10 611:17,20,25	690:5 691:4,8,10, 22 692:22 693:3,	25 877:10,14,18,	highway 684:10,	851:23 871:9 894:13
612:7,15,24	6,13,15 694:2,6	24 878:11,22	11,22 685:24	
613:11 663:17	695:15,20 702:23	879:6,11 880:20, 22 881:3,21	687:8 688:13	hole 695:24 696:7 729:11 822:2
664:19,22,23 665:14 666:2	715:25 716:7 720:15 728:5	882:8,11,13,17	690:1 692:10,13, 17,24 704:7	845:19 850:11,13,
679:4 734:24	729:2 732:15	883:20,22 887:5	712:1,4,6,9,11,23,	14,20,24 851:10
735:17 768:10	734:3,11,17,25	888:11 889:6,17 892:14,20 894:1,8	25 714:18 717:14	868:25 869:2
789:5 800:3 817:24 841:16	735:19,25 736:5, 9,10,16,17,23	896:2 897:13,16	718:4 720:1 721:14 738:11,22	holes 625:12
858:5 870:18	737:1,8 738:13,	898:4,9,23 899:1,	741:16 749:22	home 613:2
894:13,16,21	16,19 739:2,11,16	8 900:6,11	750:17 751:4	614:6 666:17 734:12 746:1,14
896:6,19 899:15 900:18	740:3,9,13,17,20 741:5,7,23 742:1,	help 612:5 615:7	772:23 827:8,21, 25	792:16 795:22
hearings 664:3	13 743:1,20	649:3 654:25 667:6,10,19		832:19 839:13
796:9,25	744:10,19 745:10 746:17,23 747:4	681:25 708:8	highways 693:11	842:22 858:23 868:16
	140.11,23 141.4	751:18 786:2		

Index: homes..indication

homes 739:25 808:14	767:20	895:1	impact 623:15,18 629:3 632:23	improvements 693:22
	hours 611:3	husband's	633:22 705:14	
homestead	770:12 772:14	872:13,14,16	708:20 710:7,20,	in-laws 868:13
620:11,18 679:13	house 616:6,7,14	hyperbaric	24 715:16 747:22	in-laws' 868:10
687:16	639:24 659:4	697:22,25	750:21 763:12	in a da aveata
honest 638:22	660:23 687:17,21	hyporyigilant	772:2 779:7 783:5	inadequate 771:7 896:8
661:10 668:17	688:6,19 689:3,	hypervigilant 691:19	804:10,18 809:1	771:7 896:8
honestly 628:20,	13,16 706:23		813:2,8 822:10	inadvertently
24 637:3 655:23	708:4 732:24	hypothetical	823:10 856:6	864:8
661:9,20 662:24	733:3 744:5	747:16	884:7,25 897:6	incentive 695:2
663:18,24 664:17	746:11 780:15 782:15 791:6	hypothetically	impacted 690:13	incontingo COS.5
665:21 704:25	810:6 827:19	786:1	708:13 730:19	incentives 695:5
742:9 752:3			761:17 779:16	inches 635:12,23
754:13,25 758:4	housekeeping	I	796:17,19 884:13,	724:11 727:6,8
773:19,20	735:6 897:17	<u> </u>	16	785:17 820:11
honor 609:9,15	houses 699:17,	I-29 752:5 802:9	impacting 613:9	844:14 865:20
662:8 670:13,21	18,19 733:2		696:12	880:10,23 881:2
671:14 716:2	751:19,20 778:17	i.e. 697:11 860:19	impacts 612:14	888:3
735:18 763:15	791:5 809:1	idea 618:14 626:1	631:1 763:9	included 723:13
770:25 791:13	827:20 831:11	659:4 660:20	780:23 796:2	877:4
799:5 800:19	however 647:1	663:19,23 664:16	implement 604.4	includes 731:19
861:6 867:14 870:23 888:13	732:1 844:13	691:5 737:22	implement 691:1 749:16	800:21
892:21 895:25	859:5 870:5	769:24 791:11		including 610:24
896:3 899:11	873:19	837:14 849:24	implemented	835:2 891:6
	Hs 818:5 861:21	885:7	698:22	
Honorable		identifiable	imply 712:6	income 677:16
612:18	huge 634:17	845:8 851:7		718:23 813:5
nook 628:17	647:21 750:3 845:19 879:19	identifiably	importance 786:10	880:8
709:8	882:21 886:20	852:18		inconsistent
nooked 648:24		identified 672:18	important 610:19	771:18,25 896:21
660:6 692:4	hulk 702:6	678:3	690:20 781:2	897:4
hono 672:0 604:2	Humboldt 886:1		786:12 791:12	increase 695:14
hope 673:8 694:2 846:8 868:4	hundred 685:20	identify 717:11	804:25 842:9,20 843:9 846:10	727:10,14
872:20 879:18,24	694:11 715:14	801:23 865:22	864:18 873:11	inorossina
880:2 883:18	756:9 787:5 788:4	identifying		increasing 695:13
898:23	796:5 804:4	865:14	importantly	
hanad 922:42	807:16 817:2	if/when 726:10	691:17 697:8	incur 636:7
hoped 823:13 861:8	824:10 872:12		714:4	711:10
	hundred-pound	ignore 649:11	imported 794:21	indicate 707:5
noping 662:18	721:1	ignoring 699:21	impose 729:20	750:20
720:13 721:24	hundreds 783:22	ill 791:8 792:12	imposed 677:24	indicated 675:3
horizontal 706:4			•	712:10 800:21
hospital 885:23	hurdles 854:24	images 805:13	impression 664:2,10 699:14	803:14 886:11
hospitals 681:2	hurt 645:10	imagine 624:2	863:12,23	indicates 860:25
-	752:16	634:3 636:3 645:6 793:2		indicating
nost 786:24	husband 724:24		improperly 613:13 643:5	610:13,14 669:10
nosting 794:25	737:13 739:21	immediate 733:1	013.13 043.3	723:12 769:23
notel 611:5	741:12 747:25	immediately	improve 694:12	indication 762:3
	748:6 749:6	635:24 637:22	improved 709:16	803:17
hour 679:24	753:11 758:9	639:11	•	

Index: individual..Kathryn

individual	insight 795:15	interfere 835:24	789:15,22 794:25	Ivener 742:23
671:20 828:25 829:10	install 856:21 859:6 865:19,23	interfering 743:18	795:7 796:17 802:1 804:22	
individuals			813:18 832:10	
731:10 869:25 industrial 776:14	installation 788:14 804:20 806:23 856:7,20	interim 812:12 internal 700:13	841:15 842:21 844:5 858:23 864:14 871:22	J-O-S-E-P-H-I-N- E 683:24
777:24 778:9,10, 14,18,22 779:8	installed 680:12	internet 635:16 665:17	873:24 888:1,2 896:22,25	James 723:20,21
780:25 781:20	704:23 708:13			jaunt 742:21
788:7 801:20,25	710:22 711:10	interrupt 609:9	irks 682:9	Jean 723:16
804:3 829:2,3,19	747:23 856:11 886:23	interrupting 836:25	irrationally 612:14	Jess 609:24
industries 750:3,	installing 729:23			
5,9 752:8 778:1 786:24 808:25	866:4	intersecting 761:11 764:25	irregularities 799:13	job 667:1 848:2 855:7 863:6
826:11 827:1	instructed	intersection	irrigate 805:21	jobs 668:12
Industries' 777:10	753:22 763:2 insult 702:20	773:22	806:5 807:1	jog 807:17
ineligible 742:2,	insurable 857:23	interstate 750:7, 8,9,11 802:2	irrigated 775:25 776:2	jogs 828:5
15	insurance	803:1 828:1	irrigating 789:24	joined 703:20
inevitability	655:10,15,17	intervene 797:25	irrigation 776:4	joint 701:19
863:24	722:11,13,14	intervened	785:14 806:2,3	Jorde 671:14
inflammatory	810:24 841:25	672:18	822:4 828:13	locophino
888:25	842:2 857:22 866:8	intervenor	irrigators 846:14	Josephine 683:7,9,15,22,23
influencing 613:13	insured 868:18	798:6,8 799:23	IRS 643:4,7	judge 675:15
	intact 720:20	intervenors	issue 609:16	judgment 661:5
inform 735:21 870:24	729:17	672:23 771:7	675:19 762:5	July 663:11
	integrity 878:23	790:5 870:6	766:12 782:3	753:19 769:19
information		intervention	783:12,16 785:15	840:14 847:22
641:9 663:5,16	intend 747:12	799:9	791:9 797:5	858:4 893:6,10,
676:18 698:4	897:24	interviews 668:1	839:11 860:17	13,14
705:6 707:8 728:14,16 743:2	intended 759:7	intimidating	861:3 862:15 887:12	jump 878:25
752:11 769:14,21 770:20 817:24	intent 782:19 898:1	848:4	issued 771:18	jumped 635:12
893:17 896:15		inventory 783:20	issues 675:5	June 755:12
informed 609:24	intention 727:2	invest 778:21	758:10,13 763:11	771:18 893:5
	interchange	investment	766:10 767:11	896:8
infrastructure 618:18 693:7	802:2,9,14 827:9,	778:4	783:4 794:15 795:9 818:19	Justice 672:23
743:7 788:14	16,22 828:1	involved 692:21	861:20 884:18	
829:8,12 835:3,4	interest 772:5	699:17 754:17	894:23 895:22	K
873:15 876:8	787:15 897:9	787:25		
inherited 616:2	interested	lowa 610:16	item 814:12 items 897:17	K-A-T-H-R-Y-N
initially 714:13	642:14 841:5 872:21 886:7,12	614:7 642:4		683:24
inject 829:22	887:11	671:10 685:13 688:18 696:16	IUB 609:4 613:7, 10,11 646:3	K-O-N-Z 832:9
•	interesting	708:21 709:14	705:9,11	K-R-O-G-H
inside 705:20	619:10 752:13	712:17 716:10		736:21
723:10 730:10 733:12	interests 611:16	736:22 743:13	iub.iowa.gov/ summit 897:25	Kathryn 683:7,

Index: Kathy..leasing

Kathy 683:11 716:5	841:5 862:1	laid 824:15 840:22 841:9	671:15 672:6,17, 24 732:20 735:13	laterals 874:12, 21
	knock 791:17	848:15 863:10	745:20 759:9,10	
keeping 618:1	793:12	land 627:24	768:24 771:6,8,20	latest 753:20
key 646:10	knocked 793:5	643:13 651:10	790:8 796:18	latitude 768:23,
795:19	810:6	653:7,9 655:21	797:11 815:17	25
kicker 782:8	knocking 786:21	656:15 673:3	820:4 861:25	law 610:16 772:1
	_	674:10 678:2,23	879:14 887:10	888:13 897:5
kid 693:23 816:2	Knolls 877:25	693:21,22 694:10,	896:23 898:6,16	laurfullu 040 0
kids 622:13 630:8	knowing 840:24	12,25 695:6	899:3	lawfully 610:6
661:2 666:16,17	knowledge	698:10 701:2,24	landowners'	lawn 804:5 815:3
792:21 796:13	638:5 689:21	703:15,23,25	671:20 771:21	lawsuit 725:10
847:10	690:13 732:8	704:4,10,20	772:2 896:25	
kill 700:12 883:12	733:19 803:16	710:2,3,6,23	897:6	lawyer 643:5
		722:6 725:18	lands 686:15	647:16 763:16
killage 708:19	knowledgeable	726:11 727:16,19, 25 728:13 729:21,	language	853:8 855:7 863:5
killed 656:6	667:19	22 731:13 753:1,4	649:18,20 652:13	lawyers 632:16
kind 616:15	Koch 827:1	755:18,19,20	757:10,11,21	647:10 666:25
617:20 619:14	Konz 831:21,24	757:8 763:1,12	860:20,25 864:17,	667:4 855:6
623:3 625:10	832:2,9 849:16	764:2 770:22	23 865:14 889:15	862:25 895:13
628:24 631:4	864:13 867:18,19	772:17 776:1,7	890:5	lay 796:7 852:1
637:5 638:24	869:7	780:2 787:4,14	large 663:9	
641:10,16 647:18	Kroah 724:40	790:20 794:9,19	749:24 750:2	layers 732:1 843:20 854:15
648:15 649:24	Krogh 734:19 735:2,4,21 736:4,	801:20 804:12,15,	776:18 786:18	843:20 854:15
650:21 651:12	6,7,14,21 746:25	19 811:13,23	787:9 808:25	laying 795:25
653:14 655:18	764:8 766:11	817:5 824:19	826:12 874:11	lays 670:2 732:9
657:8 658:13	768:2,21 769:12	829:14,18 835:2 846:11,17,18	Lorle C44.C	
666:15,24 667:21	771:2,13 774:6	847:3,25 850:22	Lark 614:6	lead 870:7
676:22 678:12 680:16 681:20	827:17	851:16 852:2,3	last 609:17	leads 750:3
706:25 707:13,19	Krogh's 771:4,10	855:24 856:7	610:10 611:2,7,13	836:10
709:13 715:10	802:6	865:6 866:13	612:8 613:3 616:1	leak 633:23 634:3
747:16 754:24	002.0	867:20 877:8	630:1 639:23	697:12 698:18
755:1 761:16		883:8	663:1 666:11,15	700:9 730:2,10
769:15 773:5	L	landlord 840:20	683:24 684:25 685:25 752:15	879:22,24 881:9
779:14 781:21		842:10 853:4,12,	753:6,14 754:1	883:13
793:17,24 810:21	L-A-D-O-N-N-A	14 854:3 855:5	766:12 767:24	leakage 701:20
828:22 830:11	871:21	landlords 853:5	772:14 777:22	_
833:23 836:10 841:4 847:5	L-A-R-K 614:6		780:10 784:18	leaks 673:23
864:16 866:2	labeled 737:2	landmarks	791:15 810:5	687:1 707:2 891:8
873:13 874:8		873:11	814:1 821:22	learned 611:9
876:4	labor 706:9	landowner	822:17 839:23	715:4 795:23
Isinda 740.40	lack 715:20	611:8,12 670:22	843:9 848:17	812:5,18 842:25
kinds 749:13 894:21	lacking 795:16	672:12 761:9	857:22 867:7 872:19 873:2	learning 685:15
	853:1	762:20 763:23	874:17 887:13	_
King 899:14		764:24 790:4,16	892:17	lease 815:3
KMZ 622:25	lacks 772:6	833:18 851:19		817:13 818:24 819:5 820:11
647:4 649:3 777:3	897:10	896:6 900:15	lasts 652:9	
800:10 801:7	Ladonna 869:15	landowners	late 665:13	leaseholder
knew 677:8	870:21 871:4,8,	611:16 612:1,12,	720:22	815:11
679:11 690:19	14,20	14 658:15 662:13,	lateral 874:6,25	leasing 815:2,20
728:22 776:10	lady 840:16	16 664:15 666:21 667:6 668:3 669:5	875:8 885:3	817:12
	-	0.800 6.000 0.100		

Index: least..lot

least 623:16 levels 698:2 liquefied 700:22 live 626:20 640:22 678:10 762:22 liquid 609:6 627:17,20 643:17 679:3 705:21 696:2 714:5 655:16 656:12 700:3 744:11 730:18 729:16 657:12 665:17 789:15 804:14 808:13 809:20 751:11 789:15 812:8 814:7 831:1 694:9 780:8 819:4 808:13 809:20 808:13 809:20 808:13 809:20	627:7,11 631:21 634:4 636:17
679:3 705:21 710:3 744:11 745:3 784:1 789:15 804:14 812:8 814:7 831:1	
710:3 744:11 730:18 696:2 714:5 729:16 657:12 665:17 789:15 804:14 liability 815:12 list 635:2 683:20 751:11 789:15 812:8 814:7 831:1	655:24 661:3
745:3 784:1 730:18 729:16 681:22 744:7 789:15 804:14 liability 815:12 list 635:2 683:20 751:11 789:15 812:8 814:7 831:1 694:9 780:8 819:4 808:13 809:20	669:6 671:5,6
789:15 804:14 liability 815:12 list 635:2 683:20 751:11 789:15	675:10 678:6
812:8 814:7 831:1 604:0 780:8 810:4 808:13 809:20	
012.6 014.7 031.1 liable 942.1 694.9 780.8 819.4 006.13 009.20	679:11,25 680:25
004.5 000.04 11 abic 042.1 000.44 070.4 045.7 000.04	695:21 719:10
834:5 893:24 869:11 870:4 815:7 833:24 847:9 849:9 856:3	734:12 754:3
leave 650:22 listed 684:7	758:12 795:18,23
753:12 812:10 life 625:6 685:23 listering 205:45	816:8 823:10
locuing 740.3 697:21 698:1,25 listening 635:15 lived 687:10	826:16 840:25
leaving 710:3 792:16 792:16 688:1 723:15,16	849:8 853:16
left 610:9 613:2 713:16 770:7 liter 698:24 699:2, livelihood 605:4	855:23 869:3
620:25 702:3 / 945:4 25 946:49 5 7 732:44	long-term 702:7
715:2 726:22 19 861:11 740.13 750.3,15	lammar 000:04
744:4 812:11 literally 656:3 livelihoods	longer 668:21
lifetime 730:14 690:11 693:1 696:12	687:16 692:8
legacy 796:14 844:6 859:7 883:5 694:22 699:3	694:23 701:21,23
legal 611:10 lighter 822:5 700:19 704:13 lives 617:24	726:10 753:23
648:15 650:5	816:12,25 821:23
667:0 862:10 lightly 699:13	looked 647:25
873:16 889:3 likelihood 755:13 769:23 880:3 881:13	655:24 720:8
899:2 801:19,22 782:16 883:8 893:25	795:3 810:17
liters 699:4 6 living 627:16	822:11 855:11
limit 646:20 727:8 733:15 686:25 713:13	881:1
647:9 865:23	
Legislator limitation 880:44 litigation 761:25	loose 674:17
672:22 762:19,21 Liz 841:15	lose 628:7,14
limited 727:13 little 614:15 LLC 815:18	630:4,7 636:23
length 692:6 735:22 787:20 610:21 626:17 22	653:24 656:22.25
860:17 871:1 619:21 626:17,22, loader 624:9	653:24 656:22,25 657:3 658:5 665:9
860:17 871:1 619:21 626:17,22, 23 629:13 633:12 loader 624:9	657:3 658:5 665:9
Rength 692:6	657:3 658:5 665:9 678:7 823:7
Rength 692:6 735:22 787:20 619:21 626:17,22, 23 629:13 633:12 Rength 692:6 871:1 23 629:13 633:12 Rength 692:6 635:13,15 637:4 Rength 692:6 Rengt	657:3 658:5 665:9 678:7 823:7 losing 701:9
length 692:6 735:22 787:20 619:21 626:17,22, 23 629:13 633:12 loader 624:9 Leonard 861:9 limits 751:12 635:13,15 637:4 loam 744:24 less 643:11 776:22 777:2 641:18 644:3,20 843:21 655:25 680:3 656:10 659:23 loan 738:23 739:4	657:3 658:5 665:9 678:7 823:7
length 692:6 735:22 787:20 619:21 626:17,22, 23 629:13 633:12 loader 624:9 Leonard 861:9 limits 751:12 635:13,15 637:4 loam 744:24 less 643:11 776:22 777:2 641:18 644:3,20 843:21 655:25 680:3 656:10 659:23 730:18 732:4,5 lined 686:21 660:25 663:21 741:24 742:9	657:3 658:5 665:9 678:7 823:7 losing 701:9 708:14
length 692:6 735:22 787:20 619:21 626:17,22, 23 629:13 633:12 loader 624:9 Leonard 861:9 limits 751:12 635:13,15 637:4 loam 744:24 less 643:11 776:22 777:2 641:18 644:3,20 843:21 675:25 680:3 656:10 659:23 660:25 663:21 743:25 750:6 lines 618:3 10 20 664:25 666:16 17	657:3 658:5 665:9 678:7 823:7 losing 701:9 708:14 loss 643:24
length 692:6 735:22 787:20 619:21 626:17,22, 23 629:13 633:12 loader 624:9 Leonard 861:9 limits 751:12 635:13,15 637:4 loam 744:24 less 643:11 776:22 777:2 641:18 644:3,20 843:21 675:25 680:3 656:10 659:23 660:25 663:21 743:25 750:6 lines 618:3,19,20 664:25 666:16,17 747:9 1000 738:23 739:4 741:24 742:9 747:9	657:3 658:5 665:9 678:7 823:7 losing 701:9 708:14 loss 643:24 675:14 676:8
length 692:6 735:22 787:20 619:21 626:17,22, 23 629:13 633:12 loader 624:9 Leonard 861:9 limits 751:12 635:13,15 637:4 loam 744:24 less 643:11 675:25 680:3 641:18 644:3,20 843:21 675:25 680:3 654:7 655:16 656:10 659:23 666:10 659:23 743:25 750:6 743:25 750:6 664:25 666:16,17 747:9 759:22 811:21 619:1 620:1 672:1 684:15,18 local 612:17 689:24 696:1 682:2 723:7 765:8	657:3 658:5 665:9 678:7 823:7 losing 701:9 708:14 loss 643:24 675:14 676:8 748:13 805:17
length 692:6 735:22 787:20 619:21 626:17,22, 23 629:13 633:12 loader 624:9 Leonard 861:9 limits 751:12 635:13,15 637:4 loam 744:24 less 643:11 675:25 680:3 654:7 655:16 656:10 659:23 635:13,15 637:4 loan 744:24 730:18 732:4,5 lined 686:21 656:10 659:23 660:25 663:21 741:24 742:9 743:25 750:6 lines 618:3,19,20 664:25 666:16,17 672:1 684:15,18 local 612:17 759:22 811:21 623:12 648:19 689:24 696:1 682:2 723:7 765:8 81:13 885:10 651:13 678:10 705:19 714:23	657:3 658:5 665:9 678:7 823:7 losing 701:9 708:14 loss 643:24 675:14 676:8 748:13 805:17 817:15,17,19
length 692:6 735:22 787:20 619:21 626:17,22, 23 629:13 633:12 loader 624:9 Leonard 861:9 limits 751:12 635:13,15 637:4 loam 744:24 less 643:11 675:25 680:3 641:18 644:3,20 843:21 730:18 732:4,5 803:7 656:10 659:23 loan 738:23 739:4 743:25 750:6 753:16 754:22 619:1 620:1 664:25 666:16,17 747:9 759:22 811:21 619:1 620:1 672:1 684:15,18 local 612:17 813:1 885:10 651:12 678:19 705:19 714:23 located 619:4	657:3 658:5 665:9 678:7 823:7 losing 701:9 708:14 loss 643:24 675:14 676:8 748:13 805:17 817:15,17,19 821:19 845:11
less 643:11 675:25 680:3 735:22 777:2 641:18 644:3,20 843:21 loam 744:24 843:25 750:6 753:16 754:22 759:22 811:21 813:1 885:10 lessen 708:21	657:3 658:5 665:9 678:7 823:7 losing 701:9 708:14 loss 643:24 675:14 676:8 748:13 805:17 817:15,17,19 821:19 845:11 853:11 880:21
Leonard 861:9 limits 751:12 635:13,15 637:4 loam 744:24 Leonard 861:9 limits 751:12 641:18 644:3,20 843:21 Leonard 861:9 limits 751:12 641:18 644:3,20 843:21 Leonard 861:9 limits 751:12 641:18 644:3,20 843:21 Leonard 861:9 limits 751:12 656:10 659:23 656:10 659:23 Leonard 861:9 limits 751:12 654:7 655:16 loam 738:23 739:4 Leonard 861:9 limits 751:12 loam 744:24 Leonard 861:9 loam 744:24 Leonard 861:1 loam 74:24	657:3 658:5 665:9 678:7 823:7 losing 701:9 708:14 loss 643:24 675:14 676:8 748:13 805:17 817:15,17,19 821:19 845:11 853:11 880:21 lost 631:11,14
length 692:6 735:22 787:20 619:21 626:17,22, 23 629:13 633:12 loader 624:9 Leonard 861:9 limits 751:12 635:13,15 637:4 loam 744:24 less 643:11 675:25 680:3 654:7 655:16 654:7 655:16 656:10 659:23 656:10 659:23 741:24 742:9 741:24 742:9 747:9 733:16 754:22 lines 618:3,19,20 664:25 666:16,17 672:1 684:15,18 local 612:17 813:1 885:10 623:12 648:19 689:24 696:1 682:2 723:7 765:8 lessen 708:21 690:21,22 692:3 716:16 723:15 located 619:4 638:2 4 667:16 638:2 4 667:16 720:6 728:22 742:21 745:19 749:23 807:4	657:3 658:5 665:9 678:7 823:7 losing 701:9 708:14 loss 643:24 675:14 676:8 748:13 805:17 817:15,17,19 821:19 845:11 853:11 880:21
less 643:11	657:3 658:5 665:9 678:7 823:7 losing 701:9 708:14 loss 643:24 675:14 676:8 748:13 805:17 817:15,17,19 821:19 845:11 853:11 880:21 lost 631:11,14 853:4
less 643:11 675:25 680:3 735:22 777:2 641:18 644:3,20 843:21 loam 744:24 843:25 750:6 753:16 754:22 759:22 811:21 813:1 885:10 lessen 708:21 letter 637:24 638:2,4 667:16 758:4 818:23	657:3 658:5 665:9 678:7 823:7 losing 701:9 708:14 loss 643:24 675:14 676:8 748:13 805:17 817:15,17,19 821:19 845:11 853:11 880:21 lost 631:11,14 853:4 lot 610:1,3,5,7,12
length 692:6 735:22 787:20 619:21 626:17,22, 23 629:13 633:12 loader 624:9 Leonard 861:9 limits 751:12 635:13,15 637:4 loam 744:24 less 643:11 675:25 680:3 76:22 777:2 641:18 644:3,20 843:21 675:25 680:3 803:7 654:7 655:16 656:10 659:23 loan 738:23 739:4 730:18 732:4,5 lined 686:21 656:10 659:23 741:24 742:9 743:25 750:6 753:16 754:22 619:1 620:1 672:1 684:15,18 local 612:17 759:22 811:21 619:1 620:1 689:24 696:1 682:2 723:7 765:8 local 612:17 813:1 885:10 651:12 678:19 705:19 714:23 located 619:4 689:24 696:1 689:25 732:7 684:3 689:10 729:25 732:7 729:25 732:7 684:3 689:10 720:7 724:19 749:23 807:4 842:17 874:1,6 880:10 letter 670:18 25 750:1,15,16 777:4,13,25 880:10	657:3 658:5 665:9 678:7 823:7 losing 701:9 708:14 loss 643:24 675:14 676:8 748:13 805:17 817:15,17,19 821:19 845:11 853:11 880:21 lost 631:11,14 853:4 lot 610:1,3,5,7,12 613:4 615:22
length 692:6 735:22 787:20 619:21 626:17,22, 23 629:13 633:12 loader 624:9 Leonard 861:9 limits 751:12 635:13,15 637:4 loam 744:24 less 643:11 675:25 680:3 76:22 777:2 641:18 644:3,20 843:21 675:25 680:3 803:7 654:7 655:16 654:7 655:16 loan 738:23 739:4 730:18 732:4,5 lined 686:21 656:10 659:23 loan 738:23 739:4 743:25 750:6 lines 618:3,19,20 664:25 666:16,17 672:1 684:15,18 local 612:17 759:22 811:21 623:12 648:19 689:24 696:1 682:2 723:7 765:8 local 612:17 813:1 885:10 651:12 678:19 705:19 714:23 located 619:4 lessen 708:21 690:21,22 692:3 716:16 723:15 684:3 689:10 758:4 818:23 693:7,8 709:8,11 729:25 732:7 720:7 724:19 749:23 807:4 893:6 18,21 773:27,15, 773:22 777:4,13,25 80:10 letters 770:18 25	657:3 658:5 665:9 678:7 823:7 losing 701:9 708:14 loss 643:24 675:14 676:8 748:13 805:17 817:15,17,19 821:19 845:11 853:11 880:21 lost 631:11,14 853:4 lot 610:1,3,5,7,12 613:4 615:22 626:21 629:1
Leonard 861:9	657:3 658:5 665:9 678:7 823:7 losing 701:9 708:14 loss 643:24 675:14 676:8 748:13 805:17 817:15,17,19 821:19 845:11 853:11 880:21 lost 631:11,14 853:4 lot 610:1,3,5,7,12 613:4 615:22 626:21 629:1 631:9 632:13
Leonard 861:9	657:3 658:5 665:9 678:7 823:7 losing 701:9 708:14 loss 643:24 675:14 676:8 748:13 805:17 817:15,17,19 821:19 845:11 853:11 880:21 lost 631:11,14 853:4 lot 610:1,3,5,7,12 613:4 615:22 626:21 629:1 631:9 632:13 634:5,8,19 636:20
Leonard 861:9	657:3 658:5 665:9 678:7 823:7 losing 701:9 708:14 loss 643:24 675:14 676:8 748:13 805:17 817:15,17,19 821:19 845:11 853:11 880:21 lost 631:11,14 853:4 lot 610:1,3,5,7,12 613:4 615:22 626:21 629:1 631:9 632:13 634:5,8,19 636:20 641:9 644:23,25
Leonard 861:9	657:3 658:5 665:9 678:7 823:7 losing 701:9 708:14 loss 643:24 675:14 676:8 748:13 805:17 817:15,17,19 821:19 845:11 853:11 880:21 lost 631:11,14 853:4 lot 610:1,3,5,7,12 613:4 615:22 626:21 629:1 631:9 632:13 634:5,8,19 636:20 641:9 644:23,25 647:6 652:25
Leonard 861:9	657:3 658:5 665:9 678:7 823:7 losing 701:9 708:14 loss 643:24 675:14 676:8 748:13 805:17 817:15,17,19 821:19 845:11 853:11 880:21 lost 631:11,14 853:4 lot 610:1,3,5,7,12 613:4 615:22 626:21 629:1 631:9 632:13 634:5,8,19 636:20 641:9 644:23,25 647:6 652:25 653:21 656:24
Leonard 861:9	657:3 658:5 665:9 678:7 823:7 losing 701:9 708:14 loss 643:24 675:14 676:8 748:13 805:17 817:15,17,19 821:19 845:11 853:11 880:21 lost 631:11,14 853:4 lot 610:1,3,5,7,12 613:4 615:22 626:21 629:1 631:9 632:13 634:5,8,19 636:20 641:9 644:23,25 647:6 652:25 653:21 656:24 657:13 664:20
Leonard 861:9	657:3 658:5 665:9 678:7 823:7 losing 701:9 708:14 loss 643:24 675:14 676:8 748:13 805:17 817:15,17,19 821:19 845:11 853:11 880:21 lost 631:11,14 853:4 lot 610:1,3,5,7,12 613:4 615:22 626:21 629:1 631:9 632:13 634:5,8,19 636:20 641:9 644:23,25 647:6 652:25 653:21 656:24 657:13 664:20 665:7,9 669:7
Leonard 861:9	657:3 658:5 665:9 678:7 823:7 losing 701:9 708:14 loss 643:24 675:14 676:8 748:13 805:17 817:15,17,19 821:19 845:11 853:11 880:21 lost 631:11,14 853:4 lot 610:1,3,5,7,12 613:4 615:22 626:21 629:1 631:9 632:13 634:5,8,19 636:20 641:9 644:23,25 647:6 652:25 653:21 656:24 657:13 664:20

Index: lots..megasite

IOBTILAKING 00/2	4/2023			index. lotsmegasite
690:11 693:16		695:15 696:14	704:10 707:12	727:22
696:11 697:20	M	698:25 708:21	720:6,10 724:15,	
703:18 710:16		714:8 718:22	24 732:10 737:18	maximum
712:6,7,8 717:15	M A D I/ 775 0	720:12 721:5	752:19 773:5,6,8	646:25
724:25 728:16	M-A-R-K 775:2	724:23 732:2	800:10,20 801:7	Mayor 612:18
729:24 730:17	machine 616:16	735:17 738:9	825:13 838:22	Wayor 012.10
734:6 773:1	687:17 688:6	744:2 758:20	845:12 851:12	Mazour 609:24
781:11 784:8	689:20	764:9 767:4,8	856:4 861:18	610:1
795:2,10,23		770:1,5,11 778:2	863:3,6 877:25	meening 740.44
805:11 809:18	mad 793:15	785:17 790:11	878:2	meaning 718:11
811:19 819:13	made 611:14	794:17 795:2	0/0.2	meaningful
822:5 823:7	653:23 662:12	794:17 795:2 796:16 797:1	mapped 625:25	771:13 810:13
828:12 838:10,13	676:5,6 677:23		manning COT.OO	896:16
	679:3 693:21	804:23 807:2	mapping 625:23	
841:23 847:19	714:2 729:15	812:16 814:19,22	maps 617:18	means 699:12
848:9 852:7	754:11 792:10	815:4 819:16	618:14 625:21	713:21 778:14
853:19 854:14	799:16 821:16	820:10 824:23	655:24 659:6	782:22 786:11
891:5,19	890:16,20	829:22 834:24	690:21 720:4	824:10 843:2
lots 668:11 717:9		843:18 846:7	782:9 851:9	849:3 853:1
815:1 819:18	magnitude 760:7	855:6,8,14 862:7		meant 711:24
	mail 635:11	871:10 882:20	Margaret 716:16,	740:14 741:8
loud 887:16	640:21 889:24	888:20 889:18	17 717:2,3,5	888:25
890:20	040.21 009.24	892:18 894:15,20,	Marjorie 717:1	
louder 894:2	mailed 893:15	24 895:1 896:4	-	meantime 611:7
	mailer 818:2	makes 728:15	Mark 774:10,20	779:9
Louie 702:9	Illaliei 010.2	789:22 794:12	775:1	measure 620:9,
love 706:9	mailing 723:3	803:5 805:24	marked 628:2	12
	893:17	813:10		12
low 629:17	mailings 000.0		market 695:12	measurements
658:13 691:14	mailings 886:9	making 611:17,	marketable	732:10 860:4
706:13,17,19	main 687:9 712:7	25 612:1 640:23	714:7	measures 701:5
709:3 713:14	750:16 811:3	647:14 661:18		704:3 749:16
719:25 732:9	849:11,21 874:5,	682:17 693:22	marking 773:15	704.0740.10
low-lying 835:3	7,11,13,16,19	698:6 701:15	markings 773:25	meats 777:20
	875:8 878:4,11,24	721:4 731:24	_	mediators 664:7
lower 630:15,22		742:15 770:22	married 685:24	inculators 004.7
700:12 786:4	maintain 658:4	796:3 854:15	687:11	medical 680:23
880:6	700:20 709:21	862:2 883:18	Martz 734:5	682:3 697:23
lowercase	815:13	898:16	758:14 830:18	medication
887:21	maintained	man 638:7 643:17	831:15 855:11	895:7
007.21	695:24 700:18,25	846:12	031.13 033.11	093.7
lowers 630:13	709:16 720:22		master 685:14	meet 610:23
lowest 700:10	722:18 729:17	management	matches 692:12	653:15 657:18
10West 700.10		609:19,24 611:18		664:9
luck 899:8	maintains	612:13 655:14	733:13	
luelar coc.40	690:20 718:12	manner 624:5	Matt 612:18	meeting 610:25
lucky 666:13	major 692:2	824:6	44	611:1 612:21
Lumen 743:11	712:9,22	024.0	matter 609:10	635:3,23 639:8,9,
lunch 704.00		manufacturer	622:5 666:12	13 662:25 663:3,
lunch 734:20	make 612:23	829:20	668:13 672:13	14 676:22 718:20
735:7 766:24	613:12 615:1	manufacturing	704:1 754:4 799:6	723:4,6 809:20
767:3,5,19,20	623:12 627:11	778:3 826:4	843:1 844:21	830:8
768:3 793:25	630:14,23 631:19	829:19	859:1	meetings 610:23
	634:10 642:17	020.10	maximize	612:6 635:5 697:2
	653:17 666:21	map 622:25	789:20,23	
	682:8 684:13	656:13 659:3,5		megasite 776:16
	685:1 688:11	669:9 671:10	maximizing	786:11,14 787:11,
1				

Index: megasites..multiple

				• .
19,21 megasites	met 739:6 741:13 753:11 840:22 841:9	826:16 875:21 882:1,2,9 885:10, 12	missing 855:8 869:12	moon 841:1 morning 609:3,8
786:8,10			mission 795:4	612:7,21 622:21
member 609:23 627:20 734:5 758:14,19 767:16	metal 702:12 metes 861:17 862:15,21 888:24	miles 617:24 620:16 627:6,18 681:23 696:21	Mississippi 634:7 879:25	642:3 662:11 669:4 703:3 728:10 734:15
772:11,13,25 773:4,14,21 774:4	methane 881:17	701:1 750:6 790:23 809:8,12 820:6 885:9,17,	Missouri 750:10 794:23 827:6	736:3,4 745:6,14 783:10 899:13 900:12
825:10,11,19 826:1,8,17,22	method 674:11	24,25 886:1	misstatement 888:13	mosquito 696:9
827:4,7,11,14 828:2,7,10,16,21,	methodology 815:11	Milewski 773:21	mitigate 733:9	mothballed
25 830:6,13,16,18	methods 805:10	military 808:22	mobile 610:21	826:20
831:15 855:11 868:22,23 869:5	metropolitan	military-style 686:19	611:11	mother 615:22
members 686:3	778:7	millennium	modeling 707:5	mother-in-law 744:1 751:10,22
766:15 900:4	Meyers 864:10, 12,13 867:10	695:25	Modern 837:8	mother-in-law's
memory 663:8	mic 642:17	million 657:4	Moines 643:21 679:23 698:1	744:5
mention 611:14 612:17 675:12	695:16,17 832:6	millions 783:20	moisture 854:17,	motor 739:25
708:19 812:1	894:2	mind 654:7 682:4	19	motors 806:16
mentioned 633:7	microbial 891:11	683:14 765:16 794:10 816:24	mom's 616:6	move 614:3 622:3
638:18 642:8,23	microorganism 674:10	818:4 853:8 865:3	moment 712:14	651:23 652:1 725:24 761:15
655:18 659:23 686:17 700:13	microphone	869:20 895:4	Monday 900:7	765:4,6,13 780:23
703:9 706:13	614:3	mine 676:24 740:8	Monetarily 887:1	793:8 807:15,19, 21 808:6,8 820:21
713:7 719:5,22 720:14 758:1	mid 893:13	minimal 678:3	money 611:4,5,6	831:9 833:12
760:23 773:6	Mid-iowa 612:19	748:7 749:11,13	618:9 624:8,18 629:25 630:7,10	850:1 861:14,19, 22 862:8 863:13
774:1 786:7 790:19 814:12	Midam 744:13	804:4	636:23 638:8,11,	865:9 889:19
817:15 822:11,18	Midamerican	minimize 722:1	22 642:24 643:19 647:14 653:19,22	890:11
823:6,12 828:11 858:15 865:17	743:12,14,18 749:18,20 750:24	minimum 656:18 748:2	656:17,24 665:6	moved 685:24 726:16 823:3
866:2,14 880:22	756:7,10 759:17	minor 638:25	668:12 676:15,24 677:9,17,19	860:22 863:3,18,
885:6	middle 643:4	769:6	681:3,6,11 682:8,	20
mentions 814:14	689:2 748:17 772:23 831:13	minute 666:15	10,17,19 696:14 701:7 753:16	moves 806:16
mentor 850:22	866:3 875:12	minutes 734:21	762:1 811:10	moving 623:21 644:21 743:19
mess 653:14 654:4 656:5	Mike 609:8	735:8 768:4 770:13 869:17,18	842:9,10 851:15 883:1	786:2 833:6,15
658:11 745:3	612:18 613:17	miracles 721:2	monitor 733:9	834:5 851:4 873:12 875:12,13
761:6 765:15 776:5 783:19	mild 799:17,18,22		852:15	896:6
823:8 851:3	800:1	misinformation 861:22 862:4,9	month 705:12	mower 815:3
messed 633:20	mile 620:14 631:21 652:22	misleading	838:9 858:5	mud 823:3
655:7 885:5	680:7 688:25	668:7,8	months 627:10	muddy 879:10
messes 657:2	699:19 743:25 744:9,11 751:11	misrepresentati	640:22 777:22 807:22 810:5	multiple 643:22
messing 727:18, 19	777:8,9,14 778:1 782:11 794:22	on 861:13 missed 785:20	811:15 841:4 894:12	649:9 734:6 745:5 792:4,8 812:6
	801:25 802:5,16			830:12 868:6

Index: multiplying..Oehlerking

875:2,4 multiplying	negative 772:2 792:9 813:9 897:6	nominal 888:3	863:19 896:18 898:13	O-E-H-L-E-R-K-I- N-G 775:2
636:1	negotiate 650:17	887:22	noted 771:10	oath 768:2
myth 861:10	663:25 819:23 840:9 851:15 852:1 858:6,7,8,	non-intervening 672:12	772:9 notes 637:18 784:9 828:12	object 771:5,16 799:2,6 862:9 896:5,11
N	10,14	non-intervenor 745:20	noteworthy	objected 762:16
nail 712:16	negotiation 830:7 863:9	noon 768:9	789:7	861:9
names 696:17	negotiations	normal 647:5,8	notice 663:3	objecting 759:1
narrow 736:1	845:25 848:16 850:1 859:17	682:2 724:11 810:24	723:3 769:15 771:8 817:24	objection 670:13,15,17
nasty 772:14	noighbor 622.4	manth 045.0	893:2 896:9	671:25 758:24
national 682:14 808:21	neighbor 633:4 699:24 836:20 840:17 858:21 874:17 878:19	north 615:2 619:20,23 622:7 645:17 684:9,13, 22 687:8,20	noticeable 838:22 898:14 noticed 638:6	762:7,12,14 771:9 789:2 790:18 799:11,17,19,22
nature 673:21 676:5 788:1 891:7	neighbor's	689:11,15 691:23 692:4 700:16	736:1 773:4,5	800:2 861:6,7 863:14 888:10,11
Navigator 782:8,	854:10 878:13,25	709:2,4 718:4,5	notices 663:5	889:18 890:16,20
20,24 807:23,25	neighborhood	720:1 721:14	notifications	objections
808:7 830:10 867:8	704:12 708:8 717:14	740:22 741:18 742:20,22 743:25	705:11 notified 705:3,8	661:12 716:14 771:1 772:8 799:4
Neal 736:22 802:4 826:20 828:5	neighbors 688:19,24 691:3	748:20,25 751:24 776:21 777:13,18,	November	867:4 895:25 896:4 897:12
nearby 696:23	703:12 732:12	25 779:12,14,18 781:4 785:13,20,	664:23 770:1 894:16	obligations 815:5,12 816:5
nearest 809:2,4 885:13,20	neighbors,' 622:3	23 787:2 795:1 800:22,24 801:24	NRCS 626:2 653:12 654:25	obscene 728:1
Nebraska 723:17	Nettle 832:10	803:11 807:5 828:5 833:6,12,18	655:8 704:4	observation
794:21,24 805:23	newer 625:24	834:6,7 835:20	NRCSS 654:1	657:11,19
necessarily 711:3 745:21	news 680:13	836:21,23 839:3 848:8 849:11	655:4	obsolete 681:14 880:16
711:3 745:21	nice 611:25	873:23 874:22	number 671:16	
897:10	793:10	875:21 877:6	703:9 708:9 796:18 809:21	occasions 875:3
necessary 769:6,20 857:1	nickname 702:8	northeast 687:8 688:25 707:19	820:14 838:15,16, 18	occupation 756:3
896:15	night 609:18 610:11 611:2,7,13	northeasterly	numbers 640:3	occupied 621:8
necessity 682:6 733:22,24 766:1	612:3 613:3 666:11 784:19	707:14 northern 709:2,7	684:19 775:8 numeral 887:20	occurred 679:8 707:2
891:23	795:24 814:1	northernmost	numerous	occurs 829:14
needed 663:16	nightmare 844:3	785:21	611:14 671:9	ocean 696:4
700:23 706:4 712:17 719:25	nights 681:7	northwest 775:3	nutrients 674:18	oceans 696:3
769:21 776:16	nine 841:3	776:1 849:20 854:7	694:18	odds 765:13
803:1 820:25 879:7	nitrate 714:3	Northwestern	nutshell 891:2	odorless 700:8
needing 899:2	nitric 714:3	743:11	0	732:9
needless 875:24	no-till 710:7	nosy 681:20		Oehlerking
needlessly 862:3	Nobody's 668:7	note 672:22 742:19 799:11,16	O'BRIEN 856:2	774:10,13,14,16, 18,20 775:1,14

Index: offal..particular

789:5 797:25 800:2 825:11	854:19	originally 643:18 654:16 743:12	P	parcels 622:25 623:2,4,6 660:11
828:21 831:17	operates 888:17	Osceola 839:1		683:7 685:1 688:4
offal 826:5	operation 738:3 748:7 756:11	ourself 623:23	p.m. 613:5 768:9, 10 870:17,18	690:2 693:15 703:6 721:9 776:6
offer 630:1	786:5 826:7 856:7	out-of-scope	873:23 900:18	779:10 792:5
635:10 640:13 673:16 728:18	873:5	735:14	Pacific 763:18	800:14 832:18 857:8 866:3 867:8
730:21 757:15	opinion 668:17	out-of-state	pack 644:24	876:17
820:2	765:25 770:15 790:25 894:11	694:21	•	parents 814:2
offered 629:25		outbuildings	packet 817:23	•
667:11 695:3	opinions 790:6	688:7	packing 706:3	park 776:12 781:11 801:8,9,
798:12 820:3	opportunity	outfit 826:3	787:8 826:5	10,13 829:2,3
821:18 823:19 868:9	650:16 661:25 667:14 672:16	outline 864:22	pages 780:11	parked 610:6
	725:6 771:13,14		paid 643:1 667:2	•
offers 639:10 640:1,24 752:15	790:5 799:8 800:1	output 742:18	678:11,23 791:24	parking 610:1,3, 4,6,7,12 781:10
	819:22 829:21	over-the-road	834:15 845:14	
office 610:21	833:10 892:19	714:24 723:22	853:18	part 610:18 622:6
611:2,12 612:25 624:20 626:2	896:16	overhead 835:4	pallets 781:11	638:9 649:17,18 651:6 652:2
654:25 655:1	opposed 757:23 765:17 792:24	overly 645:16	paper 635:10 640:8,24 648:4	654:15 657:5,7
753:24 843:11	864:1 894:16	overnight 610:1,	661:23 840:16	660:4 669:11,17 676:25 677:1
official 809:7	895:5	9	841:11 862:25	695:1 706:10,11
officially 705:8	option 646:18	overruled 799:22	papers 649:23	707:17,25 711:8
offset 710:15	726:12 816:11,12,	oversee 613:12	650:1,13 723:13	718:7 721:22
	14,15 833:18		840:14 841:7	722:14 724:6
oftentimes 692:13	858:13	oversees 609:21	858:5	725:16,25 731:21 738:8,9 739:22
	optional 660:21	owned 615:18	paperwork	752:6 766:11
older 689:23	order 613:5	634:20 745:17,23	632:10 640:5,16	775:18 776:12
oldest 737:14	646:19 658:3	775:22 776:7 847:17 858:13	641:4 662:25 663:24 664:2,5,11	780:13 782:2
745:16	663:16 697:3,6 698:2 711:8 727:7		738:9,23 752:22	787:4,16,20 789:15 791:19
Omaha 679:23	741:1 759:13	owner 616:1 781:10 783:13	753:19	792:13,23 800:24
698:1	770:7 826:25	792:9 815:8 816:4	paragraph 758:5	802:12 804:1
one-inch 634:22	860:1 865:21	882:22 890:8,13	887:19,20	810:10 814:5
one-off 799:10	895:21 896:8	owners 811:8	parallel 711:22	820:22 829:5,11
	897:22 898:5,8	815:19 883:8	749:21 750:17,19	839:6 841:16 876:19,22 888:1
one-sided 641:16 890:10	orderly 898:11	ownerships	782:20 785:14	889:1
onetime 678:8	organic 859:1	775:18 818:22	paraphrase	part-time 894:24
	Organics 843:11	owning 686:3	890:6	participate
ongoing 815:13	organizational	847:16	parcel 616:19	663:12 769:21
open 612:25	685:16	owns 611:20	661:7 671:21	898:21 899:2
-	-	814:20,22 845:9	672:8 685:4	participating
613:4 623:19	organizations			paraorpanny
613:4 623:19 715:21 717:15,18	organizations 812:4	892:2	687:19 699:17	609:22
613:4 623:19 715:21 717:15,18 785:12 839:19	812:4	892:2	709:2 718:7,16	
613:4 623:19 715:21 717:15,18 785:12 839:19 opened 777:22	812:4 oriented 795:8			609:22 participation 654:7
613:4 623:19 715:21 717:15,18 785:12 839:19 opened 777:22 opening 685:10	812:4 oriented 795:8 original 616:5	892:2 oxygen 697:6,10	709:2 718:7,16 740:4 743:3,5 775:12 777:18 800:21 854:7,8	participation 654:7
613:4 623:19 715:21 717:15,18 785:12 839:19 opened 777:22	812:4 oriented 795:8	892:2 oxygen 697:6,10	709:2 718:7,16 740:4 743:3,5 775:12 777:18	participation

Index: particularly..pipeline

				, , , ,
632:21 668:3	810:18 812:21	perform 729:22	phone 611:8	632:23 633:23
670:21 721:7,8	813:1 815:4 831:6	performance	612:4 618:23	634:16 635:8,17
738:22 749:7,15	846:20,23 853:14	609:21 685:16	635:15 640:3	636:7,19 637:5,7
765:17 838:21,22	866:19 884:12,14	000.21 000.10	643:20 666:8	646:4 651:6,10,18
848:7 869:24	navina 626.44	period 652:8	809:22	657:22 666:23
875:25 899:5	paying 626:14	675:14 817:18	mhamaa 000:04	669:12,17 670:6,
	644:1 660:9 676:8	898:3	phones 663:21	24 674:5 676:4
particularly	682:10,16 812:12		phrase 888:7	678:14 679:5,10
610:19 641:6	845:25 891:9	permanent 677:1	•	680:12 682:5,18
669:11 671:1	payment 678:8,	782:21 848:22	pick 618:9 812:9	688:17 690:14
878:23	12 718:11 812:16	850:2 887:22	820:14 862:8	695:6 700:4,23
parties 613:10,13	834:21 846:2	permanently	888:23	704:19,22 705:7,
622:17 672:14,25	004.21 040.2	880:13	picking 670:7	15,25 706:18
673:1 692:23	payments	000.13		708:13 710:6,21
	653:15 792:10	permission	720:18	711:7,9,21 713:1,
702:24 746:24	834:24	625:11 663:7	pickup 842:16	
789:1 797:15	4	673:2 698:9		2 714:7 720:2
799:2 855:12,17	payout 824:10	754:15 882:24	picture 615:21	721:18 724:10,15
883:22 887:11	pays 611:21		616:16 715:19	725:4 726:10,20,
897:23 898:4,5,6,		permit 646:4,9	764:21 775:24	22,25 729:23
8	penalties 719:2	649:18 650:4,11,	832:25 848:16	730:2 731:7,17,21
partner 676:8	pending 863:14	15 651:6 668:19	piece 648:4	733:20 738:10,25
795:8	pending 603.14	725:5 816:19	737:17 738:7	740:18 741:1
7 95.0	penny 612:1	819:16,23 861:20		742:2,5,7,10,11,
partnership		866:18 888:21	740:5 741:18	21 743:17 747:23
853:20	people 609:22		744:17 751:25	748:16,19 749:5
	612:17 613:8	permitted 671:2	773:11 776:24	750:21 751:9
parts 653:3	623:23 628:9,10	830:21 888:1	781:3 782:25	756:16 757:18
804:22 862:4	633:4 636:20	perpendicular	792:25 793:25	758:6 760:4,7,15,
partway 688:16	637:6 638:17,19	691:7 711:21	794:2 840:16	24 761:3,10
732:25	639:1 640:11		841:11 848:7	764:19 765:14
	643:22 647:6,8,22	person 611:21	866:13	776:5 779:6,16
party 672:15	665:23 667:10,19	612:4,6 637:18	pile 650:8 731:18,	780:13,18 781:5,
771:12,15 899:16	677:13 680:4,21	639:11 653:22	19 843:12	10 783:16 785:4
pass 872:20	694:21 696:11	661:16,22 665:15,	19 043.12	790:19 791:4
pass 072.20	697:13 699:15	24 667:18 714:14	piles 859:24	794:14,24 796:17,
passed 685:24	700:13 709:7	783:13 809:20	niloto 701,22	21 797:4 800:24
mant C44:40.40	712:22 713:20	833:1	pilots 791:23	803:22 804:18
past 644:10,16	730:4 741:11		pipe 634:20,21,	807:4,15 808:1,11
817:17 822:12	745:6 754:8	personal 655:12	23,24,25 646:11,	812:24,25 813:2,9
838:25 862:5	783:21,23 788:2	733:19 758:8,9	20 707:7 708:17	815:7,14,25
patio 793:10	791:7 796:6,17	personally	711:18,24 725:20	816:17,21,24
-	808:12 819:21	658:25 666:7	726:13,14 727:3,	818:17 819:23
pause 767:17	822:18 830:4	847:22	4,8 730:10,11,13	
798:25 799:20	831:5 842:19		731:25 733:12,13	820:21 823:14
855:15 862:16	846:10 847:11,16,	personnel 713:3	752:18,19,21	829:2,17,23,25
pave 781:13	24 853:5 883:15	809:2 885:14,20	753:17 816:13,25	830:24 831:2
pave 701.13	899:22,24	perspective	817:4 820:8,17,19	833:2,7 835:19
paved 660:24		783:1	822:4 865:18,20,	837:19 838:3
661:2	perceive 623:18	703.1	·	839:9 840:3
nov. 004:4 000 5	norcont COC:40	petitioner 896:21	23 889:13	842:6,10,11,24
pay 624:1 630:5	percent 695:13	-	pipeline 609:6	843:5 847:7
632:8,18 644:14	781:21 812:22	phase 834:8,10,	618:22 620:24	849:15,25 850:1,3
647:15 675:22	824:10 831:5,6	19 855:14	621:17 622:6	856:8 857:13,17
677:16,19 681:7,	Perfect 867:10	pheasants	623:15 625:2	858:1 859:5,6
15 718:12 754:17	869:5	717:20	626:7 627:23	860:18,22,23
760:21 781:7,14			628:10 629:3	865:2,6,9 866:5
782:2 794:2	perfectly 767:5	PHMSA 782:15	630:21,25 631:21	873:25 874:7
1				

Index: pipeline's..presented

878:9 879:21,22, 25 880:9,15,24	places 660:19 703:14 843:16	plowing 656:20 748:9	poor 635:15 675:24	731:1,12 740:6,11 761:20 821:18
881:6,10,12,15,	891:19			833:7
19,22 882:10,19,		plug 626:10	population	
20,23,24 884:8,25	plan 630:2,8	plume 679:9	679:19	power 678:18,19
885:7,11 886:4,8,	635:1,13 691:1,2	698:24 699:8	pork 787:3	743:13,14,18
23 887:2 888:3	696:24 698:13,20,	732:13	POIN 707.0	749:18,20,22,24
890:4 891:1,20	21 712:19,21		Port 736:22 802:4	750:13,15,16,21,
892:7 895:5,22	739:23 740:2	pocket 816:3	826:20 828:5	25 756:10 759:18,
	planes 808:22	836:18	portion 678:1	19 773:2,6,15,18
pipeline's 673:24	-	pockets 878:1	700:12 706:5	778:2 779:24
pipelines 693:7	plank 720:24,25	•	707:13 722:7	826:20 827:1
782:10,13,22	planning 654:2	point 624:7 669:9	739:20 772:17	powers 696:6
785:13 805:8,10,	659:22 670:7	670:9,20 676:4	773:2,11 780:1	718:22 806:15
12 829:10 879:20	824:16	691:14 692:5	834:5	
880:5 883:3,10,17		693:22 704:10		practical 644:7
886:19	plans 615:15	708:6 712:9	Portsmouth	practice 862:6
	691:3 702:7 705:4	725:10 743:21	713:5	896:20
pipes 658:17	708:21 713:25	757:12 760:25	pose 879:22	
701:16,17,18,21	724:23 741:13,22	766:9 776:11	886:20	Pre-1940 615:21
piping 702:7	872:8	778:22 783:22,23	000.20	precisely 686:21
733:9	plant 669:19	785:1,11 791:25	posed 669:8	precisely 000.21
	670:5,10 674:21	792:2 797:6 798:1	position 642:20	prefer 683:12
pit 849:1,2,7,9	698:8,16,17	804:6 806:4,22	695:17	737:2 766:22
pivot 779:19	710:10 714:2	822:12 823:18	695.17	848:18
785:2	724:23 749:13	833:19 835:8	positioned	proforobly
700.2		851:12 860:6	700:11	preferably
pivot's 786:5	777:11,17,18	872:22 883:13		851:18
" " " " " " " " " " " " " " " " " " "	787:3,8 808:25	884:11 889:19	positive 856:10	preference
pivoted 821:14	826:5,20,24 827:2	892:7	possibility	857:25
pivots 776:3	881:16	nainted 070.40	898:21	
779:11 784:12	planted 690:18	pointed 673:18,		preferences
785:10 788:11,21	824:6	25	possibly 634:4	666:2
789:14,15,18	mlenter 740.44	pointer 616:13	635:19 858:11	prefiled 798:7
806:6,8,15	planter 710:14	704:11 744:3	880:16 883:12	799:6 800:8
	planting 674:19	827:15	886:1	
pizza 793:25	710:14		post 625:13	prejudices
794:1,3		points 733:22	686:20	771:19 896:22
placard 662:5	plants 671:17	868:6		preliminary
797:18	682:17 694:16	poisonous 700:4	postcard 818:1	609:10 739:14
	695:4 696:16	711:19 713:15	894:7	
place 629:5	702:1 710:12	881:6 886:8	postcard-type	prepare 798:7
690:15 694:15,18	826:5		817:25	863:25
698:11,13,21	plat 861:18	poles 743:18		preparing 680:11
700:1 701:5,6	•	749:23,24 750:13,	posted 870:11	
708:1 709:1	play 622:13 661:2	25 759:18,20	899:25	prescribed
742:17 753:12	740:8	778:2	posting 714:17	801:11,12
770:4 786:19	playgrounds	policy 772:7	-	presence 742:14
796:11 812:2	700:5	897:11	potential 645:25	presence 742.14
816:1,11 832:19			685:8 686:9	present 672:9
833:13 839:2,13	pleasant 713:16	political 682:12	701:20 737:11	749:4 760:8
850:19 857:11	plenty 633:20	polluting 701:10	758:1 772:5	presented
859:18 885:13			775:15 776:15	696:25 715:19
887:25 892:8	plot 775:10	pollution 698:13	829:17 832:22	757:11,15 780:8
placement	plotted 671:10	pool 667:9	854:20 897:9	889:22
699:22	P	r	potentially	000.22
			p-10	

Index: preserve..proposed

preserve 872:23	874:15 882:19,25	processing	proof 632:14	759:6,14,17
preserving	privately 858:13	827:1	659:14 675:24	760:5,6 761:16,22
735:23		procured 739:4	771:12,15 896:14	764:17 765:17
	pro 612:12	•	properly 658:24	771:21 772:3,20,
pressure 634:19	problem 631:4	producing 853:1	854:16	24 775:16 777:8,
699:3,10 700:21,	643:3 666:20	880:6		9,10 779:24
25 730:10 733:9,	695:10 701:4	product 695:23	properties	783:21 784:7
12,13,16	730:6 745:24	794:21	614:9,10,14 621:20 648:1	785:20,21 787:21
pressures	746:5,16 752:3	nraduation	684:2 719:7,9,11,	792:25 793:19,22 794:11 797:4
729:17	763:16 790:8	production 631:14 644:10,12	16,23 720:16	800:21 802:6,15,
pressurized	791:8 816:2	710:23 789:23	722:16,23 727:5	19,22 803:8,11,
696:1 701:23	850:20	891:10	736:24 774:10	15,18,22 804:3
785:2 806:19	problems 641:2,		775:4 783:6	805:19 807:19
	3 643:8 644:10	productive	789:13 814:5	809:24 810:21
presume 693:2	645:2 646:1	785:18	832:12,14 837:20	811:3 814:9
pretty 621:10	709:24 710:14	productivity	869:16 871:24	815:14 817:7
629:24 633:10	719:13 749:4	880:21 884:19	property C44:05	820:9,22 821:1
634:1 641:18	752:24 799:14		property 614:25 615:15 616:23	823:2,14 831:9
645:14 650:6	824:18 850:19	products 714:3	615:15 616:23	838:9,20 856:16
652:18 656:1,5	procedural	profit 657:1 682:7	628:19 630:6,13,	860:19 864:2
657:13 670:14,16	771:17 799:12	756:16 766:4	15,22 635:1	865:15,19 872:8,
694:4 714:14,20		profits 715:16	637:21 641:6,12	20 873:10 876:23
747:3 755:22	procedure 767:9	882:21	643:16 645:10	878:3 879:15
764:1,3 770:23	771:5	002.21	646:20 648:5,10	883:10 884:7,22
801:21 804:4	procedures	program 653:15	649:5,9 651:17,18	886:4,8 888:25
810:12 824:15	725:8	654:6 655:8	652:2,14 653:4	892:8,10 896:25
826:7,13 848:4		656:17 692:20	655:10 656:12	897:7
860:4 870:12	proceed 613:16	722:12 810:22	659:25 660:3	property's
878:6,7 886:9	672:19 673:7	831:4 866:9	661:7 669:11,17	704:23
prevent 697:4	769:9 771:3	programs 653:13	670:2,6 673:20	nronosal 716:12
prevent 697:4 816:5 824:5	proceeding	programs 653:13 654:11,20,23	670:2,6 673:20 676:12 678:4	proposal 716:12
816:5 824:5			676:12 678:4 679:8,13 682:5	729:8 810:17
816:5 824:5 previous 879:14	proceeding 662:23 667:25 769:16,22 770:16	654:11,20,23	676:12 678:4 679:8,13 682:5 685:7,23 686:8,	729:8 810:17 811:14
816:5 824:5 previous 879:14 previously	proceeding 662:23 667:25	654:11,20,23 655:14 690:25	676:12 678:4 679:8,13 682:5 685:7,23 686:8, 13,23 688:18	729:8 810:17 811:14 proposals
816:5 824:5 previous 879:14	proceeding 662:23 667:25 769:16,22 770:16 891:14 893:2,3,19	654:11,20,23 655:14 690:25 722:7 810:23,24 866:12	676:12 678:4 679:8,13 682:5 685:7,23 686:8, 13,23 688:18 690:1 691:24	729:8 810:17 811:14
816:5 824:5 previous 879:14 previously 896:19,20	proceeding 662:23 667:25 769:16,22 770:16 891:14 893:2,3,19 proceedings	654:11,20,23 655:14 690:25 722:7 810:23,24 866:12 project 693:19	676:12 678:4 679:8,13 682:5 685:7,23 686:8, 13,23 688:18 690:1 691:24 692:3 693:1,12	729:8 810:17 811:14 proposals 781:23
816:5 824:5 previous 879:14 previously 896:19,20 price 611:21	proceeding 662:23 667:25 769:16,22 770:16 891:14 893:2,3,19 proceedings 613:9,14 642:5	654:11,20,23 655:14 690:25 722:7 810:23,24 866:12 project 693:19 726:5 744:22	676:12 678:4 679:8,13 682:5 685:7,23 686:8, 13,23 688:18 690:1 691:24 692:3 693:1,12 694:22,23 696:12	729:8 810:17 811:14 proposals
816:5 824:5 previous 879:14 previously 896:19,20	proceeding 662:23 667:25 769:16,22 770:16 891:14 893:2,3,19 proceedings	654:11,20,23 655:14 690:25 722:7 810:23,24 866:12 project 693:19	676:12 678:4 679:8,13 682:5 685:7,23 686:8, 13,23 688:18 690:1 691:24 692:3 693:1,12 694:22,23 696:12 699:25 700:1,11	729:8 810:17 811:14 proposals 781:23 proposed 609:6
816:5 824:5 previous 879:14 previously 896:19,20 price 611:21 637:3 792:25	proceeding 662:23 667:25 769:16,22 770:16 891:14 893:2,3,19 proceedings 613:9,14 642:5 677:24,25 724:6 753:19 813:18	654:11,20,23 655:14 690:25 722:7 810:23,24 866:12 project 693:19 726:5 744:22 759:4 766:1	676:12 678:4 679:8,13 682:5 685:7,23 686:8, 13,23 688:18 690:1 691:24 692:3 693:1,12 694:22,23 696:12 699:25 700:1,11 702:10,13 703:5,	729:8 810:17 811:14 proposals 781:23 proposed 609:6 616:24 620:9,10
816:5 824:5 previous 879:14 previously 896:19,20 price 611:21 637:3 792:25 793:20 794:5 811:4,21 847:1	proceeding 662:23 667:25 769:16,22 770:16 891:14 893:2,3,19 proceedings 613:9,14 642:5 677:24,25 724:6 753:19 813:18 process 669:10	654:11,20,23 655:14 690:25 722:7 810:23,24 866:12 project 693:19 726:5 744:22 759:4 766:1 794:12 823:2	676:12 678:4 679:8,13 682:5 685:7,23 686:8, 13,23 688:18 690:1 691:24 692:3 693:1,12 694:22,23 696:12 699:25 700:1,11 702:10,13 703:5, 10,12 704:13	729:8 810:17 811:14 proposals 781:23 proposed 609:6 616:24 620:9,10 621:22 637:13,16 657:22 664:14 679:4 688:17,22
816:5 824:5 previous 879:14 previously 896:19,20 price 611:21 637:3 792:25 793:20 794:5 811:4,21 847:1 priceless 841:2	proceeding 662:23 667:25 769:16,22 770:16 891:14 893:2,3,19 proceedings 613:9,14 642:5 677:24,25 724:6 753:19 813:18 process 669:10 686:23 710:7	654:11,20,23 655:14 690:25 722:7 810:23,24 866:12 project 693:19 726:5 744:22 759:4 766:1 794:12 823:2 824:14 837:18	676:12 678:4 679:8,13 682:5 685:7,23 686:8, 13,23 688:18 690:1 691:24 692:3 693:1,12 694:22,23 696:12 699:25 700:1,11 702:10,13 703:5, 10,12 704:13 705:13 706:14	729:8 810:17 811:14 proposals 781:23 proposed 609:6 616:24 620:9,10 621:22 637:13,16 657:22 664:14 679:4 688:17,22 691:8,10,12,14,25
816:5 824:5 previous 879:14 previously 896:19,20 price 611:21 637:3 792:25 793:20 794:5 811:4,21 847:1 priceless 841:2 846:19 847:14	proceeding 662:23 667:25 769:16,22 770:16 891:14 893:2,3,19 proceedings 613:9,14 642:5 677:24,25 724:6 753:19 813:18 process 669:10 686:23 710:7 714:5 738:8,23	654:11,20,23 655:14 690:25 722:7 810:23,24 866:12 project 693:19 726:5 744:22 759:4 766:1 794:12 823:2 824:14 837:18 854:17,20 865:13 877:20,21	676:12 678:4 679:8,13 682:5 685:7,23 686:8, 13,23 688:18 690:1 691:24 692:3 693:1,12 694:22,23 696:12 699:25 700:1,11 702:10,13 703:5, 10,12 704:13	729:8 810:17 811:14 proposals 781:23 proposed 609:6 616:24 620:9,10 621:22 637:13,16 657:22 664:14 679:4 688:17,22 691:8,10,12,14,25 693:19 718:15,17
816:5 824:5 previous 879:14 previously 896:19,20 price 611:21 637:3 792:25 793:20 794:5 811:4,21 847:1 priceless 841:2	proceeding 662:23 667:25 769:16,22 770:16 891:14 893:2,3,19 proceedings 613:9,14 642:5 677:24,25 724:6 753:19 813:18 process 669:10 686:23 710:7 714:5 738:8,23 739:12,15 741:24	654:11,20,23 655:14 690:25 722:7 810:23,24 866:12 project 693:19 726:5 744:22 759:4 766:1 794:12 823:2 824:14 837:18 854:17,20 865:13 877:20,21 projects 829:5	676:12 678:4 679:8,13 682:5 685:7,23 686:8, 13,23 688:18 690:1 691:24 692:3 693:1,12 694:22,23 696:12 699:25 700:1,11 702:10,13 703:5, 10,12 704:13 705:13 706:14 708:6,10,23,25	729:8 810:17 811:14 proposals 781:23 proposed 609:6 616:24 620:9,10 621:22 637:13,16 657:22 664:14 679:4 688:17,22 691:8,10,12,14,25 693:19 718:15,17 720:2 724:2 727:5
816:5 824:5 previous 879:14 previously 896:19,20 price 611:21 637:3 792:25 793:20 794:5 811:4,21 847:1 priceless 841:2 846:19 847:14 prices 637:9	proceeding 662:23 667:25 769:16,22 770:16 891:14 893:2,3,19 proceedings 613:9,14 642:5 677:24,25 724:6 753:19 813:18 process 669:10 686:23 710:7 714:5 738:8,23 739:12,15 741:24 742:23 747:10,11	654:11,20,23 655:14 690:25 722:7 810:23,24 866:12 project 693:19 726:5 744:22 759:4 766:1 794:12 823:2 824:14 837:18 854:17,20 865:13 877:20,21	676:12 678:4 679:8,13 682:5 685:7,23 686:8, 13,23 688:18 690:1 691:24 692:3 693:1,12 694:22,23 696:12 699:25 700:1,11 702:10,13 703:5, 10,12 704:13 705:13 706:14 708:6,10,23,25 709:3,5,7,12	729:8 810:17 811:14 proposals 781:23 proposed 609:6 616:24 620:9,10 621:22 637:13,16 657:22 664:14 679:4 688:17,22 691:8,10,12,14,25 693:19 718:15,17 720:2 724:2 727:5 740:18 744:22
816:5 824:5 previous 879:14 previously 896:19,20 price 611:21 637:3 792:25 793:20 794:5 811:4,21 847:1 priceless 841:2 846:19 847:14 prices 637:9 primary 688:1	proceeding 662:23 667:25 769:16,22 770:16 891:14 893:2,3,19 proceedings 613:9,14 642:5 677:24,25 724:6 753:19 813:18 process 669:10 686:23 710:7 714:5 738:8,23 739:12,15 741:24 742:23 747:10,11 771:10,23 772:3	654:11,20,23 655:14 690:25 722:7 810:23,24 866:12 project 693:19 726:5 744:22 759:4 766:1 794:12 823:2 824:14 837:18 854:17,20 865:13 877:20,21 projects 829:5 promise 635:8	676:12 678:4 679:8,13 682:5 685:7,23 686:8, 13,23 688:18 690:1 691:24 692:3 693:1,12 694:22,23 696:12 699:25 700:1,11 702:10,13 703:5, 10,12 704:13 705:13 706:14 708:6,10,23,25 709:3,5,7,12 712:2 715:13	729:8 810:17 811:14 proposals 781:23 proposed 609:6 616:24 620:9,10 621:22 637:13,16 657:22 664:14 679:4 688:17,22 691:8,10,12,14,25 693:19 718:15,17 720:2 724:2 727:5 740:18 744:22 746:18 759:4
816:5 824:5 previous 879:14 previously 896:19,20 price 611:21 637:3 792:25 793:20 794:5 811:4,21 847:1 priceless 841:2 846:19 847:14 prices 637:9	proceeding 662:23 667:25 769:16,22 770:16 891:14 893:2,3,19 proceedings 613:9,14 642:5 677:24,25 724:6 753:19 813:18 process 669:10 686:23 710:7 714:5 738:8,23 739:12,15 741:24 742:23 747:10,11	654:11,20,23 655:14 690:25 722:7 810:23,24 866:12 project 693:19 726:5 744:22 759:4 766:1 794:12 823:2 824:14 837:18 854:17,20 865:13 877:20,21 projects 829:5	676:12 678:4 679:8,13 682:5 685:7,23 686:8, 13,23 688:18 690:1 691:24 692:3 693:1,12 694:22,23 696:12 699:25 700:1,11 702:10,13 703:5, 10,12 704:13 705:13 706:14 708:6,10,23,25 709:3,5,7,12 712:2 715:13 716:12,23 717:7,8	729:8 810:17 811:14 proposals 781:23 proposed 609:6 616:24 620:9,10 621:22 637:13,16 657:22 664:14 679:4 688:17,22 691:8,10,12,14,25 693:19 718:15,17 720:2 724:2 727:5 740:18 744:22 746:18 759:4 760:4 801:8
816:5 824:5 previous 879:14 previously 896:19,20 price 611:21 637:3 792:25 793:20 794:5 811:4,21 847:1 priceless 841:2 846:19 847:14 prices 637:9 primary 688:1 print 723:11	proceeding 662:23 667:25 769:16,22 770:16 891:14 893:2,3,19 proceedings 613:9,14 642:5 677:24,25 724:6 753:19 813:18 process 669:10 686:23 710:7 714:5 738:8,23 739:12,15 741:24 742:23 747:10,11 771:10,23 772:3 776:6,24 785:25	654:11,20,23 655:14 690:25 722:7 810:23,24 866:12 project 693:19 726:5 744:22 759:4 766:1 794:12 823:2 824:14 837:18 854:17,20 865:13 877:20,21 projects 829:5 promise 635:8 promised 635:22 677:11	676:12 678:4 679:8,13 682:5 685:7,23 686:8, 13,23 688:18 690:1 691:24 692:3 693:1,12 694:22,23 696:12 699:25 700:1,11 702:10,13 703:5, 10,12 704:13 705:13 706:14 708:6,10,23,25 709:3,5,7,12 712:2 715:13 716:12,23 717:7,8 720:25 721:23,25 724:3,19,20 725:25 726:5,8,21	729:8 810:17 811:14 proposals 781:23 proposed 609:6 616:24 620:9,10 621:22 637:13,16 657:22 664:14 679:4 688:17,22 691:8,10,12,14,25 693:19 718:15,17 720:2 724:2 727:5 740:18 744:22 746:18 759:4 760:4 801:8 812:13 816:20
816:5 824:5 previous 879:14 previously 896:19,20 price 611:21 637:3 792:25 793:20 794:5 811:4,21 847:1 priceless 841:2 846:19 847:14 prices 637:9 primary 688:1 print 723:11 printed 790:15	proceeding 662:23 667:25 769:16,22 770:16 891:14 893:2,3,19 proceedings 613:9,14 642:5 677:24,25 724:6 753:19 813:18 process 669:10 686:23 710:7 714:5 738:8,23 739:12,15 741:24 742:23 747:10,11 771:10,23 772:3 776:6,24 785:25 786:13 799:6	654:11,20,23 655:14 690:25 722:7 810:23,24 866:12 project 693:19 726:5 744:22 759:4 766:1 794:12 823:2 824:14 837:18 854:17,20 865:13 877:20,21 projects 829:5 promise 635:8 promised 635:22 677:11 promises 635:9	676:12 678:4 679:8,13 682:5 685:7,23 686:8, 13,23 688:18 690:1 691:24 692:3 693:1,12 694:22,23 696:12 699:25 700:1,11 702:10,13 703:5, 10,12 704:13 705:13 706:14 708:6,10,23,25 709:3,5,7,12 712:2 715:13 716:12,23 717:7,8 720:25 721:23,25 724:3,19,20 725:25 726:5,8,21 727:2 731:1	729:8 810:17 811:14 proposals 781:23 proposed 609:6 616:24 620:9,10 621:22 637:13,16 657:22 664:14 679:4 688:17,22 691:8,10,12,14,25 693:19 718:15,17 720:2 724:2 727:5 740:18 744:22 746:18 759:4 760:4 801:8 812:13 816:20 827:12,16 829:2
816:5 824:5 previous 879:14 previously 896:19,20 price 611:21 637:3 792:25 793:20 794:5 811:4,21 847:1 priceless 841:2 846:19 847:14 prices 637:9 primary 688:1 print 723:11 printed 790:15 prior 725:7 767:5	proceeding 662:23 667:25 769:16,22 770:16 891:14 893:2,3,19 proceedings 613:9,14 642:5 677:24,25 724:6 753:19 813:18 process 669:10 686:23 710:7 714:5 738:8,23 739:12,15 741:24 742:23 747:10,11 771:10,23 772:3 776:6,24 785:25 786:13 799:6 802:1 830:7	654:11,20,23 655:14 690:25 722:7 810:23,24 866:12 project 693:19 726:5 744:22 759:4 766:1 794:12 823:2 824:14 837:18 854:17,20 865:13 877:20,21 projects 829:5 promise 635:8 promised 635:22 677:11 promises 635:9 636:13 729:15	676:12 678:4 679:8,13 682:5 685:7,23 686:8, 13,23 688:18 690:1 691:24 692:3 693:1,12 694:22,23 696:12 699:25 700:1,11 702:10,13 703:5, 10,12 704:13 705:13 706:14 708:6,10,23,25 709:3,5,7,12 712:2 715:13 716:12,23 717:7,8 720:25 721:23,25 724:3,19,20 725:25 726:5,8,21 727:2 731:1 733:20 740:14,19	729:8 810:17 811:14 proposals 781:23 proposed 609:6 616:24 620:9,10 621:22 637:13,16 657:22 664:14 679:4 688:17,22 691:8,10,12,14,25 693:19 718:15,17 720:2 724:2 727:5 740:18 744:22 746:18 759:4 760:4 801:8 812:13 816:20 827:12,16 829:2 830:20 833:8
816:5 824:5 previous 879:14 previously 896:19,20 price 611:21 637:3 792:25 793:20 794:5 811:4,21 847:1 priceless 841:2 846:19 847:14 prices 637:9 primary 688:1 print 723:11 printed 790:15	proceeding 662:23 667:25 769:16,22 770:16 891:14 893:2,3,19 proceedings 613:9,14 642:5 677:24,25 724:6 753:19 813:18 process 669:10 686:23 710:7 714:5 738:8,23 739:12,15 741:24 742:23 747:10,11 771:10,23 772:3 776:6,24 785:25 786:13 799:6 802:1 830:7 839:17 840:14	654:11,20,23 655:14 690:25 722:7 810:23,24 866:12 project 693:19 726:5 744:22 759:4 766:1 794:12 823:2 824:14 837:18 854:17,20 865:13 877:20,21 projects 829:5 promise 635:8 promised 635:22 677:11 promises 635:9	676:12 678:4 679:8,13 682:5 685:7,23 686:8, 13,23 688:18 690:1 691:24 692:3 693:1,12 694:22,23 696:12 699:25 700:1,11 702:10,13 703:5, 10,12 704:13 705:13 706:14 708:6,10,23,25 709:3,5,7,12 712:2 715:13 716:12,23 717:7,8 720:25 721:23,25 724:3,19,20 725:25 726:5,8,21 727:2 731:1 733:20 740:14,19 741:4 742:1,20	729:8 810:17 811:14 proposals 781:23 proposed 609:6 616:24 620:9,10 621:22 637:13,16 657:22 664:14 679:4 688:17,22 691:8,10,12,14,25 693:19 718:15,17 720:2 724:2 727:5 740:18 744:22 746:18 759:4 760:4 801:8 812:13 816:20 827:12,16 829:2 830:20 833:8 837:15,18,19
816:5 824:5 previous 879:14 previously 896:19,20 price 611:21 637:3 792:25 793:20 794:5 811:4,21 847:1 priceless 841:2 846:19 847:14 prices 637:9 primary 688:1 print 723:11 printed 790:15 prior 725:7 767:5	proceeding 662:23 667:25 769:16,22 770:16 891:14 893:2,3,19 proceedings 613:9,14 642:5 677:24,25 724:6 753:19 813:18 process 669:10 686:23 710:7 714:5 738:8,23 739:12,15 741:24 742:23 747:10,11 771:10,23 772:3 776:6,24 785:25 786:13 799:6 802:1 830:7 839:17 840:14 844:18 845:5	654:11,20,23 655:14 690:25 722:7 810:23,24 866:12 project 693:19 726:5 744:22 759:4 766:1 794:12 823:2 824:14 837:18 854:17,20 865:13 877:20,21 projects 829:5 promise 635:8 promised 635:22 677:11 promises 635:9 636:13 729:15	676:12 678:4 679:8,13 682:5 685:7,23 686:8, 13,23 688:18 690:1 691:24 692:3 693:1,12 694:22,23 696:12 699:25 700:1,11 702:10,13 703:5, 10,12 704:13 705:13 706:14 708:6,10,23,25 709:3,5,7,12 712:2 715:13 716:12,23 717:7,8 720:25 721:23,25 724:3,19,20 725:25 726:5,8,21 727:2 731:1 733:20 740:14,19 741:4 742:1,20 743:9,22 744:7,14	729:8 810:17 811:14 proposals 781:23 proposed 609:6 616:24 620:9,10 621:22 637:13,16 657:22 664:14 679:4 688:17,22 691:8,10,12,14,25 693:19 718:15,17 720:2 724:2 727:5 740:18 744:22 746:18 759:4 760:4 801:8 812:13 816:20 827:12,16 829:2 830:20 833:8 837:15,18,19 861:2 864:22
816:5 824:5 previous 879:14 previously 896:19,20 price 611:21 637:3 792:25 793:20 794:5 811:4,21 847:1 priceless 841:2 846:19 847:14 prices 637:9 primary 688:1 print 723:11 printed 790:15 prior 725:7 767:5 815:1	proceeding 662:23 667:25 769:16,22 770:16 891:14 893:2,3,19 proceedings 613:9,14 642:5 677:24,25 724:6 753:19 813:18 process 669:10 686:23 710:7 714:5 738:8,23 739:12,15 741:24 742:23 747:10,11 771:10,23 772:3 776:6,24 785:25 786:13 799:6 802:1 830:7 839:17 840:14 844:18 845:5 846:4,8 848:6 858:12 863:9,25 870:2 896:9,12	654:11,20,23 655:14 690:25 722:7 810:23,24 866:12 project 693:19 726:5 744:22 759:4 766:1 794:12 823:2 824:14 837:18 854:17,20 865:13 877:20,21 projects 829:5 promise 635:8 promised 635:22 677:11 promises 635:9 636:13 729:15 815:8 promising 632:4	676:12 678:4 679:8,13 682:5 685:7,23 686:8, 13,23 688:18 690:1 691:24 692:3 693:1,12 694:22,23 696:12 699:25 700:1,11 702:10,13 703:5, 10,12 704:13 705:13 706:14 708:6,10,23,25 709:3,5,7,12 712:2 715:13 716:12,23 717:7,8 720:25 721:23,25 724:3,19,20 725:25 726:5,8,21 727:2 731:1 733:20 740:14,19 741:4 742:1,20 743:9,22 744:7,14 751:11 755:23	729:8 810:17 811:14 proposals 781:23 proposed 609:6 616:24 620:9,10 621:22 637:13,16 657:22 664:14 679:4 688:17,22 691:8,10,12,14,25 693:19 718:15,17 720:2 724:2 727:5 740:18 744:22 746:18 759:4 760:4 801:8 812:13 816:20 827:12,16 829:2 830:20 833:8 837:15,18,19
816:5 824:5 previous 879:14 previously 896:19,20 price 611:21 637:3 792:25 793:20 794:5 811:4,21 847:1 priceless 841:2 846:19 847:14 prices 637:9 primary 688:1 print 723:11 printed 790:15 prior 725:7 767:5 815:1 private 693:3	proceeding 662:23 667:25 769:16,22 770:16 891:14 893:2,3,19 proceedings 613:9,14 642:5 677:24,25 724:6 753:19 813:18 process 669:10 686:23 710:7 714:5 738:8,23 739:12,15 741:24 742:23 747:10,11 771:10,23 772:3 776:6,24 785:25 786:13 799:6 802:1 830:7 839:17 840:14 844:18 845:5 846:4,8 848:6 858:12 863:9,25	654:11,20,23 655:14 690:25 722:7 810:23,24 866:12 project 693:19 726:5 744:22 759:4 766:1 794:12 823:2 824:14 837:18 854:17,20 865:13 877:20,21 projects 829:5 promise 635:8 promised 635:22 677:11 promises 635:9 636:13 729:15 815:8	676:12 678:4 679:8,13 682:5 685:7,23 686:8, 13,23 688:18 690:1 691:24 692:3 693:1,12 694:22,23 696:12 699:25 700:1,11 702:10,13 703:5, 10,12 704:13 705:13 706:14 708:6,10,23,25 709:3,5,7,12 712:2 715:13 716:12,23 717:7,8 720:25 721:23,25 724:3,19,20 725:25 726:5,8,21 727:2 731:1 733:20 740:14,19 741:4 742:1,20 743:9,22 744:7,14	729:8 810:17 811:14 proposals 781:23 proposed 609:6 616:24 620:9,10 621:22 637:13,16 657:22 664:14 679:4 688:17,22 691:8,10,12,14,25 693:19 718:15,17 720:2 724:2 727:5 740:18 744:22 746:18 759:4 760:4 801:8 812:13 816:20 827:12,16 829:2 830:20 833:8 837:15,18,19 861:2 864:22 865:20,25 866:14
816:5 824:5 previous 879:14 previously 896:19,20 price 611:21 637:3 792:25 793:20 794:5 811:4,21 847:1 priceless 841:2 846:19 847:14 prices 637:9 primary 688:1 print 723:11 printed 790:15 prior 725:7 767:5 815:1 private 693:3 694:20 766:3	proceeding 662:23 667:25 769:16,22 770:16 891:14 893:2,3,19 proceedings 613:9,14 642:5 677:24,25 724:6 753:19 813:18 process 669:10 686:23 710:7 714:5 738:8,23 739:12,15 741:24 742:23 747:10,11 771:10,23 772:3 776:6,24 785:25 786:13 799:6 802:1 830:7 839:17 840:14 844:18 845:5 846:4,8 848:6 858:12 863:9,25 870:2 896:9,12	654:11,20,23 655:14 690:25 722:7 810:23,24 866:12 project 693:19 726:5 744:22 759:4 766:1 794:12 823:2 824:14 837:18 854:17,20 865:13 877:20,21 projects 829:5 promise 635:8 promised 635:22 677:11 promises 635:9 636:13 729:15 815:8 promising 632:4	676:12 678:4 679:8,13 682:5 685:7,23 686:8, 13,23 688:18 690:1 691:24 692:3 693:1,12 694:22,23 696:12 699:25 700:1,11 702:10,13 703:5, 10,12 704:13 705:13 706:14 708:6,10,23,25 709:3,5,7,12 712:2 715:13 716:12,23 717:7,8 720:25 721:23,25 724:3,19,20 725:25 726:5,8,21 727:2 731:1 733:20 740:14,19 741:4 742:1,20 743:9,22 744:7,14 751:11 755:23	729:8 810:17 811:14 proposals 781:23 proposed 609:6 616:24 620:9,10 621:22 637:13,16 657:22 664:14 679:4 688:17,22 691:8,10,12,14,25 693:19 718:15,17 720:2 724:2 727:5 740:18 744:22 746:18 759:4 760:4 801:8 812:13 816:20 827:12,16 829:2 830:20 833:8 837:15,18,19 861:2 864:22 865:20,25 866:14 873:24 874:6

Index: proposing..raw

IUB REARING U8/24	1/2023			index: proposingraw
880:9,24 882:5,10	24 897:9 899:15,	728:23 731:16,20	784:22 797:2,6,13	777:24 870:15
891:19	22 900:4	732:1 738:11,24	819:3 824:25	
_		739:9,24 740:1	829:15 830:19	quotation
proposing	pull 646:3 648:4	742:7,17 745:4	856:24 861:23	890:15,19
649:17,20 695:10	788:8,18 818:9	760:15,20 773:11	862:10,14 863:16	quote 826:15
727:4 820:8	pulled 798:19	780:18 781:9,10,	867:7 869:19	889:8
protect 647:17,	-	14 786:17 801:15	877:23 878:23	
19,22 662:15	pulling 634:18	802:25 805:1,9,16	883:17 888:14	quoted 889:14,15
694:12 697:4	661:9 818:4	812:4,20 813:5	889:1,2,16,19	
840:1 883:8	pump 699:11	820:9 823:4,9,14	897:22 899:12	R
893:24	806:4	831:7 833:12		
	000.4	834:20,22 843:4,	questionable	D 0 11 4 1 D
protection 890:8	pumped 785:16	21 844:16,17	794:18	R-O-N-A-L-D
proud 704.2	789:25	846:3,20 847:1,5	questioning	614:5
proud 721:3		848:18 849:5	671:2 762:24	rail 765:3,7
796:12,14	pumping 701:1,		071.2702.24	794:16
prove 631:10,14,	23	853:16,17 854:20 858:21 859:6,10	questions 612:8	
19,24 632:1,12,16	pumps 788:21		622:17 641:20	railroad 740:25
675:21 676:1	-	874:19 875:7	642:5 650:24	741:1,8,15 743:5
	punching 640:3,	878:8 882:23 883:16 887:17	651:1 662:1,19	744:12 750:17,18
proven 699:19	17	888:24 890:10	668:7,8,24 669:7	751:2,3,6 756:7,9
729:10 884:17	purchased	892:16	671:6,16 676:23	760:24 761:3,4,
provide 611:13	610:21 872:13	092.10	682:22,25 686:1,7	10,14,19 764:17,
613:24 731:3		puts 733:25	702:24 715:23	20 765:6,10,11,12
736:18 768:23	pure 861:13,22	831:10 850:3	716:11 725:13	772:17,20,21
769:20 774:24	purpose 610:21	putting 613:3	728:3 732:19	railway 749:21
832:8,21 871:18	671:19 732:20	625:9,14 635:12	734:2,4,6 735:14	•
873:10 883:3	735:22 737:25	661:16 663:5	736:1 746:24	rain 823:4
provided 707.4	778:22 781:1,20	701:10 729:24	756:18 757:9	rains 629:18
provided 707:4 732:11 768:24	790:21 793:14	731:21 743:16	759:3,12 763:10	789:21
	795:11	756:16 763:16	766:6,14,18,19	
771:8 795:11		776:14 781:6	767:11 769:13	raise 613:18
896:8	purposes 776:9	783:14 785:4	771:1 780:8,10,	736:13 774:18
provider 698:17	780:3 871:1	802:1 816:8	11,12 784:9	832:1 871:6,13
provides 891:13	pursuant 675:13	839:14 886:3	795:21 797:13	884:6
provides 691.13	-	000.11000.0	810:8 813:12,19	raised 862:15
providing 705:5	push 637:2		819:4,19 821:6	
757:23 795:14	690:23 822:25	Q	823:23 824:16	raising 683:14
provision 000:44	pushing 644:21		825:7 829:4 852:7	732:5
provision 889:11 890:3		quarter 652:22	855:10 856:23	ram 668:16,21
090.3	put 622:5,14	811:21 826:16	857:1,2 860:11	·
provisions	623:20 625:2,12, 16 633:17 634:9	873:22 877:4,5,7	862:4 864:5,15,25	ran 692:6 798:4
819:16		quarter-inch	865:3 867:11	range 675:4
proxy 813:8	635:1,8 636:7 641:12,14 647:1	634:21	868:20 882:14,16	731:14,15 828:19
-	653:2 658:2,12,	034.21	883:23 887:4	873:23
prying 834:18	14,16 659:1	question 661:11	892:13,24 895:24	
psi 698:25 699:2,	660:15 674:25	669:6 670:23	897:14	rate 611:25
4,9,10,11,12	678:14 690:14,22	671:21 673:8	quick 614:22	812:13
733:15	691:20 692:7,11,	676:24 677:4	640:18 724:12	rates 644:12
	19 694:18 695:18,	679:2 713:24	728:11 738:13	811:5,6
public 610:7	25 698:20 700:1	732:17 734:9	762:10 766:9	matin at 745.4
682:6,8,10	701:5 703:15	758:15 761:7,13	767:19 772:16	rating 745:1
733:22,24 743:13	704:2 708:1,16	763:22 764:7,9,	799:19 868:23	rational 772:6
766:1 772:5	709:7 710:16	12,13 766:14	869:9	897:10
882:20 883:2,4	714:20 720:23	769:7 772:12,16	quickly 739:3,17	raw 910-14
886:18,19 891:23,	721:25 725:3	782:12 783:7	quioniy 108.0,11	raw 819:14
1				

Index: reach..repeated

ODTILAKING 00/2	+/ L 0 L 0			nuex. reacrirepeatet
reach 754:5,6 808:18,24	receive 722:24 723:3 754:21	845:16 852:11,13, 17,19,22 854:8	related 609:18 814:9	removed 710:18 762:22 823:3
reached 687:1	817:23	redacted 698:5	relates 612:15	removing 860:20
753:20	received 611:8	redone 885:2	733:20 759:4	887:25
reaching 669:18	673:12,14 721:4 723:1,5 753:18	reduction 817:19	763:3 899:13	renegotiate
react 797:11	758:4 770:19	reductions	relating 895:14	761:21
read 624:22	886:9 893:1	644:16	relation 808:1	rent 615:25
678:15 724:2	recently 629:22	redundant	854:5	626:12 642:8 664:25 884:12,13
795:6 818:14 840:18 859:20	recess 734:23	735:14	relationship 763:18 853:4,21	rental 644:11
881:1 887:12,16	768:9 870:17	Rees 612:19	•	686:15 711:15
889:11 890:20	900:12	reestablish	release 679:8 897:24 898:1	rented 628:21
readily 619:11	recessed 900:18	706:3		686:13 719:10
693:17 744:20	recognize 767:7	reestablished	released 699:3 898:10	872:19
877:19	recommend	706:6	relevant 671:1	renter 626:22
reading 819:13	621:21 746:17	refer 614:14	763:11	628:16 676:14
reads 641:4	recommendatio	684:8 685:4	relinquish	686:12 690:19 694:15 704:18
ready 613:16	n 621:13 691:21 694:7 745:11	724:18 737:3 832:17	694:22	705:1,3 709:21,25
624:4 736:5	790:13 879:13		relocated 890:4	710:1,5,15 711:16
774:12,13 798:4 871:13	recommended	reference 821:17	relocating 833:5	719:8,10 722:18
real 627:22	881:4	referenced 819:4	887:24 888:8	renter's 652:22
650:20 696:18	reconvene 900:3	referencing	relocation	renters 615:25 616:3 620:24
738:13 739:3	record 609:4	898:3	888:15	638:5
762:10 781:1,15 784:5 799:19	613:25 615:4,5	referring 864:21	rely 662:15	renting 616:1,2
804:21 808:23	685:3 695:12	refrain 734:10	remainder 898:5	647:14 728:23,24
879:9 886:13	697:1 703:19 705:11 723:14	769:4 857:2	remarks 685:10	873:1
reality 730:25	734:22 735:1	refused 698:5	remedy 675:16	Renwick 871:22
875:1	736:19 754:16	region 825:17	825:4 891:12	885:15
realize 621:17	767:2 768:12 771:2 772:17	regular 751:12	remember	repair 624:10
664:3	774:25 786:8	regulation	633:17 640:2	645:11 651:5,9 705:24 725:19
rearrange 770:11	799:12,16 813:21	782:14	649:4 712:4	833:3 838:5 865:5
reason 610:8,18	857:4 870:20 896:1	regulatory 795:8	721:15 754:21 827:3 848:14	866:19,21 867:1
663:19 691:13 701:6 707:25	recorded 809:17	rehabilitate	893:1	878:9 879:7
750:24 802:12		672:17	remind 672:12	repaired 624:7, 15 720:12 721:19
813:25 833:12	recourse 647:12	rehabilitation	769:1 865:18	866:20 874:16
846:13	recover 822:2	769:5	reminder 614:23	875:9 878:6,18
reasonable 626:12 762:23	red 616:23 620:1	rein 735:16	remodeled	880:13
	622:24 623:13 660:11 686:25	reined 764:2	686:24	repairing 651:12
reasons 891:22	687:1 688:12	reinforce 890:25	remotely 893:21	repairs 624:5,11,
rebuild 706:2	690:12 692:6,17 699:18 704:15	reinforced	899:2	13 884:14
recall 662:22	707:13 744:6	705:19	removal 634:15	repeat 764:12
663:9 665:25 673:19 877:17	784:25 800:13,22	reiterate 783:4	remove 694:16	868:24 877:22
890:5	801:7 806:11 834:2 835:1		726:13,14 816:13	repeated 790:7 799:15
	007.2 000.1			700.10

Index: repetitive..Ronald

OBTILAKING 00/2-	#/ Z U Z U			iex. repetitiveixonate
repetitive 790:8	611:13	respond 885:21	retrieve 611:4	881:12 891:8,20
rephrase 670:4	requesting 724:3 770:15	responded 780:17	return 726:17 869:10	risks 670:23
rephrased 838:1				678:2 762:25 763:16 765:16
rephrasing	requests 698:4	responders	returned 854:16	783:2 808:10
764:13	721:4 786:22	697:3,4 730:4	returning 725:21	825:1 879:19
replace 625:8	require 659:15	880:1	review 615:5	881:8 885:6
725:20 845:20	681:10 819:8	response 683:1	723:13 724:12	river 750:4,10
850:23 851:1	868:5	730:5 733:10	889:25	794:23 827:6
858:16	required 610:16	780:9,14 789:3		875:19,20,21,23
rankaad 701:10	656:15 659:11	819:6 841:4,10, 17,22 897:15	reviewed 722:22	876:4 877:1,8,11,
replaced 721:19 858:16 867:25	681:9 700:20	900:10	724:5 864:20	14 878:8,16
	704:4 722:15		reviewing 725:16	rivers 696:3
replacement	726:1,16 772:1	responsibilities	reviews 664:13	
850:18	780:13,14,16 852:24 897:5	701:14		road 616:20 618:22 633:5
reply 763:13		responsible	revisited 702:2	636:24 637:4
reporter 683:20	requirement	613:11 654:13,15	revocable	660:24 661:2
-	704:6 814:15	659:18 695:6	775:19 797:25	667:21 678:24
represent 622:23	requirements	857:20	rework 636:11	687:4,6,7,21
669:5 703:4 716:10 747:8	718:20	rest 705:12	rezone 787:21	688:5 689:14
797:22 855:21	requires 780:6	794:11 796:9,25		714:18 736:22
870:25 884:3	789:17	843:21 844:15	rezoned 698:10	737:23 740:23
887:10	**************************************	853:17 859:2 888:16	richest 709:14	741:19,21 776:21 779:14,15 785:14
representations	reroute 621:18		731:21	786:2 796:10
676:5	rescue 680:19	restoration	right-of-way	803:6 807:6 812:8
	713:6,20 730:4	651:11 725:19	693:13 743:6	815:24 828:3,5
representative	research 727:3	865:7 867:20	744:13 779:24	835:7,18 838:24
639:24 714:13 715:8	residential	restore 726:14,	838:25 839:3	845:9 849:7
	742:24	17 727:2	850:7	850:8,9 866:23,25
representatives		restored 698:2	rights 612:14	878:16,20 880:17 882:6 885:12
637:13,16 639:7, 20 714:10 809:14	residual 659:18 678:12	701:25 726:11	613:10 624:22,24	
810:6 886:3		restricted 727:12	641:6 647:17	road's 687:5
	resolution		662:16 729:21	roads 693:11
represented	824:18	restricting 866:1	735:23 745:22	819:9
766:16 832:25 887:20	resolve 675:19	restrictions	766:13 771:11,20, 21,23 772:3 817:6	roam 686:15
	758:12	729:20	818:21 843:5,6,7	720:18
representing	resolved 675:6	restructuring	883:7 887:15,18	
642:4 735:22	822:20,22	708:19	889:9 890:14	Robert 869:14
813:18	respect 664:12,	result 675:12	893:25 896:9,12,	rock 674:21
represents 863:6	19 722:5 771:25	761:12,24 765:25	23,24,25 897:2,7	roll 764:14
reps 816:23	884:20 896:17	791:8,15	rip 749:11 760:15	rolling 640:04
819:12	897:4	resumed 734:24	ripping 792:23	rolling 619:24 655:19 656:9
Republican	respected	768:10 870:18	0	686:4 691:14
672:22	722:18		risk 636:15	702:17 706:21
_		retail 815:2	655:13 673:23	879:4
request 648:10 673:3 768:13	respectful 769:2 898:15	retile 627:3	706:24 714:1 729:24 730:3,4	Roman 887:20
817:21 831:1	Doencoffully	retirement 740:2	733:1,4,7,25	Ronald 613:20
850:12 900:2	Respectfully 856:23	retrievals 612:25	752:12 757:22,25	614:1,5
requested	000.20		758:1,3,7 763:2	- ·, -
•			816:7 880:4	

Index: room..segregated

688:23 718:15,17 724:16 727:5 733:20 746:18,19 863:10 864:22 767:21 806:20 866:14 867:8 875:2 887:24 888:8,20 889:12 850:5 874:9 871:2 794:14 808:10,14 839:25 887:24 888:8 809:12 800:24 661:3 800:24 681:3 800:10,14 839:25 886:20 887:1 800:10,14 839:25 886:20 887:1 800:10,14 839:25 886:20 887:1 800:10,14 839:25 886:20 887:1 800:10,14 839:25 886:20 887:1 800:10,14 839:25 886:20 887:1 800:10,14 839:25 886:20 887:1 800:10,14 839:25 886:20 887:1 800:10,14 839:25 886:20 887:1 800:10,14 839:25 886:20 887:1 800:10,14 839:25 886:20 887:1 800:10,14 839:25 886:20 887:1 800:10,14 839:25 886:20 887:1 800:10,14 839:25 886:20 887:1 800:10,14 839:25 886:20 887:1 800:10,14 839:25 886:20 887:1 800:10,14 839:25 886:20 887:1 886:20 889:13 886:20 880:13 886:20 880:13 886:20 880:13 886:20 880:13 886:20 880:13	102 1127 11 11 11 10 10 12	.,			
888:18 rum 617:25 622:3 623 634:15 RVS 739:24 samplier 734:20 5732:19 732:19 736:2 759:3 782:3 772:19 736:2 759:3 782:3 732:19 732:		899:23,25 900:4	rusty 726:21	880:11	scoot 832:5
Rosman 716-18		•		•	
T17:5	rooms 611:1				732:19 736:2
			662:7,8,10 668:23		·
832:24 872:11 rough 696:15 rough 696:15 roughage 694:17 roughst 665:2 833:8 834:18 836:8 830:11 892:16 18.21, 271:14 806:25 835:17,20 836:2 836:17 836:18,20 836:14 836:18,20 836:18 836:18,20 836:18 836:18,20 836:18 836:18,20 836:18 836:18,20 836:18 836:18,20 836:18 836:18,20 836:18 836:18,20 836:18 836:18,20 836:18 836:18,20 836:18 836:18,20 836:18 836:18,20 836:18 8	-	17,20,24 697:14			-
roughage 644:17 759.12 806:18,21 769.8.11 770:25 Satartia 879:25 807:4 871:25 roughage 644:17 818:8 830:11 892:16,18,21,23 satellite 665:18 screw 638:14 roughly 636:25 833:8 834:18 892:16,18,21,23 satellite 665:18 screw-up 627:5 route 616:25 875:22 878:19 Ryon's 768:13 satisfaction scroll 649:6 670:1,6 671:7,10 688:23 718:15,17 769:1,1 665:10 Satisfied 860:7 Seadend 787:3 733:20 74618,19 661:1,6 665:10 Sacrifice 678:1 Saturday 841:7 Seamless 701:18 881:17 837:19 661:1,6 665:10 Sacrifice 678:1 Saturday 841:7 Search 96:15 881:17 837:24 839:3 846:25 836:14 839:25 836:10 678:1 Sacrifice 678:1 Saturday 841:7 Season 806:24 888:20 889:12 839:3 846:25 839:18 836*19:28 839:18 836*22 839:18 836*24 839:19 838*24:28 836:22 839:14 838:22 839:14 838:22 839:14 838:22 839:14 838:22 839:14 838:22 839:14 838:22 839:14 838:22 839:14 838:22 839:14 838:22 839:14 <	832:24 872:11		20 763:6,7 766:8,		
roughage 694:17 816.8 830:11 892:16,18,221,23 satellite 665:18 screw 638:14 roughly 636:25 833.8 834:18 892:16,18,221,23 satellite 665:18 screw-up 627:5 route 616:25 875:22 878:19 Ryon's 768:13 satisfaction 764:1 scroll 649:6 621:22,23 62:2 667:22 669:12 rouning 613:9 S satisfied 860:7 Seaboard 787:3 688:23 718:15,17 724:16 727:5 661:1,6 665:10 Sabre 778:1 Satisfied 860:7 Seamless 701:18 733:20 746:18,19 668:6 691:6 Sack 17 68:13 Satisfied 860:7 Search 696:15 881:17 837:19 661:1,6 665:10 Sacrifice 678:1 Saturday 841:7 search 696:15 888:20 889:12 835:8,21 838:9 safety 62:14 Sace 78:19 Save 859:10 seach 696:15 887:2 887:24 835:38 840:25 896:24 698:13,21 771:39 824:79 82:12 888:20 889:12 805:587-99 791:2794:14 808:10,14 808:10,14 808:10,14 809:22 806:24 698:13,21 771:9 822 820:08 860:24 879:19,20 800:18 <td>•</td> <td></td> <td>769:8,11 770:25</td> <td></td> <td></td>	•		769:8,11 770:25		
roughly 636:25 835:17,20 836:2 896:3 899:11 satisfaction scrowl 649:6 5 route 616:25 621:22,23 622:2 657:22 878:19 Ryon's 768:13 784:1 708:2 723:23 Scroll 649:6 708:2 723:23 681:22,23 622:2 657:22 869:12 running 613:9 S satisfied 860:7 Seaboard 787:3 733:20 746:18,19 662:11 628:16,23 5 Saturday 891:16 search 696:15 search 696:14 search 696:14 search 696:14 search 696:14		816:8 830:11			screw 638:14
Foute 616:25 835:22 878:19 Ryon's 768:13 784:1 576:27:23:23 621:22,23 622:2 657:22 669:12 669:12 708:2 723:23 880:1 5 satisfied 860:7 Seaboard 787.3 274:16 727:5 661:16,665:10 662:11 628:16,23 661:16,665:10 5 satisfy 825:5 seamless 701:18 search 696:15 search 696:12 search 696:12 <td< td=""><td>_</td><td>835:17,20 836:2</td><td></td><td></td><td>•</td></td<>	_	835:17,20 836:2			•
621:22,23 622:2 680:12					
670:1,6 671:7,10 688:23 718:15,17 724:16 727:5 733:20 746:18,19 818:17 837:19 863:10 864:22 866:14 867:8 835:8,21 838:9 835:8,21 838:9 836:25 836:25 874:9 830:20 881:4 830:20 881:4 660:24 661:3 826:10 862:26 296;6,8,9 826:12 833:14 870 623:6,7 628:5 836:10 838:24,25 836:11,4,22,23 710:11 870 623:6,7 628:5 878:17 878:17 878:18 878:17 878:19 878:17 878:18 878:17 878:17 878:17 878:17 878:18 878:19 878:17 878:17 878:18 878:17 878:19 878:17 878:19 878:17 878:19 878:17 878:19 878:17 878:19 878:17 878:17 878:18 878:19 878:17 878:19 878:17 878:10 878:17 878:13 878:11 8	621:22,23 622:2				
68823 7818:15,17 724:16 727:5 645:17 652:17 665:10 668:6 691:6 Sabre 778:1 891:16 search 696:15 733:20 746:18,19 818:17 837:19 863:10 868:6 691:6 868:6 691:6 868:6 691:6 868:6 691:6 868:6 691:6 868:6 691:6 868:6 691:6 868:6 691:6 868:6 691:6 868:6 691:6 868:6 691:6 868:6 812.2 836:21 838:9 835:8,21 838:9 835:8,21 838:9 835:8,21 838:9 836:25 876:2 887:24 888:8 280:22 887:9 805:5 874:9 719:2 794:14 808:10,114 839:25 887:24 888:8 660:24 661:3 808:10,114 839:25 821:7 836:10,111 738:1,6 838:24,25 836:10,111 738:1,6 838:17.8 836:10,111 638:24,25 836:10,111 638:24,25 732:13 751:9 634:14,22,23 710:11 634:16 791:3 634:11 679:8,10 777:773:2 816:6 664:21 777:17,24 732:1,25 895:10 777:713:2 816:6 664:21 777:17,24 732:1,25 895:10 770:7 771:9 844:3 866:20 885:7 721:20 722:19 896:3,13 896:6,8 886:20 885:7 721:20 722:19 896:6,8 886:70 892:1 701:13,15 704:25 713:18 704:25 713:24 806:18 836:20 886:12 838:12 718:8 726:20 731:13 751:9 621:19 629:24 636:25 638:7 649:16 886:20 885:7 721:20 722:19 805:18 808:5 72 120 722:19 805:6 88:10 808:70 701:13,15 704:25 713:18 601:6 839:1 850:5 797:2 805:1 808:5 798:2 805:1 808:5 797:2 805:1 808:5 797:2 805:1 808:5 797:2 805:1 808:5 798:2 805:1 808:5 797:2 805:1 808:5 798:2 805:1 808:5 797:2 805:1 808:5 797:2 805:1 808:5 797:2 805:1 808:5 797:2 805:1 808:5 797:2 805:1 808:5 797:2 805:1 808:5 797:2 805:1 808:5 797:2 805:1 808:5 797:2 805:1 808:5 797:2 805:1 808:5 797:2 805:1 808:5 797:2 805:1 808:5 797:2 805:1 808:5 797:2 805:1 808:5 797:2 805:1 808:5 797:2 805:1 808:5 797:2 805:1 808:5 797:2 805:1 808:5 797:2 805:1	670:1,6 671:7,10		S		seamless 701:18
733:20 746:18,19 81:17 837:19 668:6 691:6 57.760:4 765:5,7 760:4 767:21 806:20 safer 794:16 save 859:10 season 806:24 season 806:24 863:10 864:22 866:14 867:8 875:2 887:24 888:8,20 889:12 850:5 874:9 835:8,21 838:9 46:25 696:24 698:13,21 713:25 732:2,24 747:9 SBA 738:9,24 741:23 742:8 747:9 seasons 866:24 77:10 routes 692:2 830:20 881:4 660:24 661:3 618:22 629:6,8,9 86:12 833:14 826:12 833:14 826:12 833:14 835:17 836:10,11, 738:1,6 813:25 732:2,24 888:8 660:24 661:3 826:12 833:14 886:20 887:1 886:20 887:1 866:24 844:13 820:24 841:3 820:24 841:3 820:24 844:13 820:24	·	645:17 652:17	Sabre 778:1		search 696:15
863:10 864:22 756:21 806:20 safer 794:16 save 859:10 season 806:24 866:14 867:8 835:8,21 838:9 safety 622:14 SBA 738:9,24 seasons 866:24 875:2 887:24 839:3 846:25 696:24 698:13,21 741:23 742:8 seasons 866:24 888:8,20 889:12 850:5 874:9 713:25 732:2,24 747:9 seat 797:10 routes 692:2 runs 615:3 808:10,14 839:25 scanner 681:20 seating 899:15, 887:24 888:8 660:24 661:3 879:19,20 880:18 scenario 824:4 second 640:1 row 623:6,7 628:5 835:17 836:10,11, 886:20 887:1 scenarios 764:4, 820:24 844:13 rows 611:24 878:17 sale 782:1 schedule 612:6 637:8 704:8 631:14,22,23 rupture 633:23 621:19 629:24 661:3 617:6 866:15 873:22 ruin 80:5,15 783:16 791:3 636:25 638:7 862:19 629:24 866:15 873:22 ruined 651:15 ruptured 634:6 688:20 694:25 770:75 77:6 688:20 694:25 896:6,8 security 899:20 rule 888:17 ruge 649:1 659:24 722		668:6 691:6	sacrifice 678:1	_	•
875:2 887:24 888:8,20 889:12 885:5 874:9 routes 692:2 830:20 881:4 887:24 888:8 660:24 661:3 826:12 833:14 886:25 879:19,20 880:18 870 623:6,7 628:5 870 623:6,7 628:5 871:14 871:14 871:14 8738:1,6 872:14 872:14 873:1,6 873:1,7 873:1,6 873:1,6 873:1,6 873:1,7 873:1,7 873:1,6 873:1,7 87	863:10 864:22	767:21 806:20		save 859:10	
888:8,20 889:12 850:5 874:9 713:25 732:2,24 747:9 747:9 seat 797:10 routes 692:2 830:20 881:4 887:24 888:8 618:22 629:6,8,9 660:24 661:3 842:7 857:14 879:19,20 880:18 scanner 681:20 seating 899:15, 22 routing 671:15 routing 671:15 692:12,25 785:8 826:12 833:14 826:12 833:14 826:12 833:14 881:7,8 885:6 886:20 887:1 scenario 824:4 798:23,24 811:3 second 640:1 798:3,24 811:3 row 623:6,7 628:5 rows 611:24 631:14,22,23 710:11 878:17 sale 782:1 schedule 612:6 64:21 771:17,24 721:14 737:21,24 772:1,5 895:10 637:8 704:8 637:8 704:8 661:3 617:6 896:13,19 897:3,5 771:19 844:3 rum's 852:23 707:7 713:2 ruin 880:5,15 81:13 886:20 885:7 363:16 791:3 636:25 638.7 639:4 657:9,12,20 658:3 674:22 684:20 694:25 710:15 771:6 895:20 731:13 734:6 745:13 734:6 7	875:2 887:24		•		seasons 866:24
830:20 881:4 837:24 888:8 6618:22 629:6,8,9 660:24 661:3 881:7,8 885:8 881:7,8 885:8 886:20 887:1 896:13, 18 99:3,5 866:15 87:3,2 866:15 87:3,2 866:15 87:3,2 866:15 87:3,2 866:15 87:3,2 866:15 87:3,2 866:15 87:3,2 866:15 87:3,					seat 797:10
887:24 888:8 660:24 661:3 879:19,20 880:18 scares 724:6 second 640:1 routing 671:15 692:12,25 785:8 881:7,8 885:6 scenario 824:4 second 640:1 row 623:6,7 628:5 835:17 836:10,11, 738:1,6 13,16 838:24,25 sake 786:9 5 section 621:3 rows 611:24 878:17 sale 782:1 schedule 612:6 637:8 704:8 721:14 737:21,24 631:14,22,23 rupture 633:23 5alix 751:17 5chedule 612:6 637:8 704:8 700:11 634:11 679:8,10 same 616:3 617:6 896:13,19 897:3,5 771:19 844:3 701:11 638:16 79:13 636:25 638:7 896:13,19 897:3,5 771:19 844:3 881:3 886:20 885:7 639:4 657:9,12,20 612:21 897:9 866:15 873:22 881:3 886:20 885:7 639:4 657:9,12,20 684:20 694:25 770:15 771:6 896:30 896:6,8 8ections 63:25 rule 888:17 ruptures 673:23 721:20 72:19 786:09:21 780:09:21 780:09:21 780:09:21 780:09:21 780:09:21 780:09:21 780:09:21 780:09:21 <td>830:20 881:4</td> <td></td> <td>808:10,14 839:25</td> <td></td> <td>_</td>	830:20 881:4		808:10,14 839:25		_
row 623:6,7 628:5 826:12 833:14 886:20 887:1 scenarios 764:4, 820:24 844:13 row 623:6,7 628:5 835:17 836:10,11, raske 786:9 5 section 621:3 rows 611:24 878:17 sale 782:1 schedule 612:6 637:8 704:8 631:14,22,23 rupture 633:23 Salix 751:17 5 section 621:3 710:11 634:11 679:8,10 same 616:3 617:6 896:13,19 897:3,5 771:19 844:3 rpm's 852:23 707:7 713:2 same 616:3 617:6 896:13,19 897:3,5 771:19 844:3 881:13 886:20 885:7 639:4 657:9,12,20 658:3 674:22 scheduled 611:9 866:15 873:22 881:13 886:20 885:7 639:4 657:9,12,20 658:3 674:22 scheduling 770:15 771:6 865:20 rule 888:17 ruptures 673:23 726:20 731:13 726:20 731:13 726:20 731:13 748:4 751:14 765:8 770:10 8ediment 701:11 rules 656:22 rural 648:20,21 748:4 751:14 757:18,19 776:2 8chools 778:18 710:10 699:21 701:13,15 661:6 839:1 850:5		660:24 661:3	879:19,20 880:18		
738:1,6 13,16 838:24,25 sake 786:9 5 section 621:3 rows 611:24 878:17 sale 782:1 schedule 612:6 637:8 704:8 631:14,22,23 rupture 633:23 634:11 679:8,10 634:11 679:8,10 772:1,5 895:10 747:15 748:11,21 rpm's 852:23 707:7 713:2 same 616:3 617:6 896:13,19 897:3,5 771:19 844:3 ruin 880:5,15 783:16 791:3 636:25 638:7 636:25 638:7 scheduled 611:9 866:15 873:22 881:13 886:20 885:7 639:4 657:9,12,20 scheduling 877:3 896:22 ruined 651:15 ruptured 634:6 658:3 674:22 scheduling 685:20 ruled 888:17 ruptures 673:23 721:20 722:19 896:6,8 security 899:20 ruled 888:12 891:8 726:20 731:13 748:4 751:14 765:8 770:10 seeds 674:21 657:12,18 698:7 649:1 659:24 757:18,19 776:2 schools 778:18 710:10 seeds 674:21 699:21 701:13,15 661:6 839:1 850:5 797:2 805:1 808:5 18 746:1 seek 729:20 725:19 862:7,14 rushing	_	826:12 833:14			798:23,24 811:3
rows 611:24 878:17 sale 782:1 schedule 612:6 637:8 704:8 631:14,22,23 rupture 633:23 634:11 679:8,10 721:14 737:21,24 721:14 737:21,24 rpm's 852:23 707:7 713:2 same 616:3 617:6 896:13,19 897:3,5 771:19 844:3 ruin 880:5,15 783:16 791:3 636:25 638:7 636:25 638:7 612:21 897:9 866:15 873:22 881:13 886:20 885:7 639:4 657:9,12,20 scheduled 611:9 866:15 873:22 ruined 651:15 ruptured 634:6 658:3 674:22 scheduling 685:20 rule 888:17 ruptures 673:23 721:20 722:19 896:6,8 security 899:20 ruled 888:12 891:8 726:20 731:13 765:8 770:10 sediment 701:11 rules 656:22 rural 648:20,21 748:4 751:14 765:8 770:10 seeds 674:21 699:21 701:13,15 60:5,14,16,19 782:9,17 785:3,7 797:2 805:1 808:5 science 685:13, 18 746:1 seek 729:20 725:19 862:7,14 rushing 691:16 815:6 844:7,24 847:3 854:8 scolded 738:19 segregated			sake 786:9		
710:11 634:11 679:8,10 Salix 751:17 772:1,5 895:10 747:15 748:11,21 rpm's 852:23 707:7 713:2 same 616:3 617:6 896:13,19 897:3,5 771:19 844:3 ruin 880:5,15 783:16 791:3 636:25 638:7 scheduled 611:9 866:15 873:22 881:13 886:20 885:7 639:4 657:9,12,20 scheduling 877:3 896:22 ruined 651:15 ruptured 634:6 658:3 674:22 scheduling 896:6,8 sections 636:25 rule 888:17 ruptures 673:23 721:20 722:19 896:6,8 security 899:20 rules 656:22 rural 648:20,21 747:15 748:11,21 747:15 748:11,21 rule 888:17 ruptured 634:6 757:12,20 896:6,8 security 899:20 rules 656:22 rural 648:20,21 747:15 748:13 748:4 751:14 756:8 770:10 770:15 771:6 699:21 701:13,15 660:5,14,16,19 782:9,17 785:3,7 797:2 805:1 808:5 866:15 873:22 866:15 873:22 704:25 715:18 704:25 715:18 797:2 805:1 808:5 704:25 715:18 866:16 839:1 805:5 797:2 805:1 808:5 782:10 866:15 87			sale 782:1		637:8 704:8
rpm's 852:23 707:7 713:2 same 616:3 617:6 896:13,19 897:3,5 771:19 844:3 ruin 880:5,15 783:16 791:3 636:25 638:7 scheduled 611:9 866:15 873:22 881:13 886:20 885:7 639:4 657:9,12,20 scheduling 877:3 896:22 ruined 651:15 ruptured 634:6 684:20 694:25 770:15 771:6 sections 636:25 rule 888:17 ruptures 673:23 721:20 722:19 896:6,8 security 899:20 rules 656:22 rural 648:20,21 748:4 751:14 565:8 770:10 seeds 674:21 699:21 701:13,15 660:5,14,16,19 797:2 805:1 808:5 80:3 797:2 805:1 808:5 80:3 797:2 805:1 808:5 80:3 798:19 80:3 799:20 718:22 719:3 rushing 691:16 815:6 844:7,24 847:3 854:8 scolded 738:19		-	Salix 751:17	,	721:14 737:21,24 747:15 748:11,21
ruin 880:5,15 783:16 791:3 636:25 638:7 scheduled 611:9 612:21 897:9 877:3 896:22 ruined 651:15 ruptured 634:6 658:3 674:22 684:20 694:25 scheduling 770:15 771:6 sections 636:25 638:7 rule 888:17 ruptures 673:23 673:23 721:20 722:19 722:19 896:6,8 security 899:20 ruled 888:12 rural 648:20,21 649:1659:24 649:1 659:24 660:5,14,16,19 660:5,14,16,19 704:25 715:18 757:18,19 776:2 772: 805:1 808:5 770:10 schools 778:18 710:10 rules 657:12,18 698:7 649:1 659:24 660:5,14,16,19 661:6 839:1 850:5 782:9,17 785:3,7 797:2 805:1 808:5 797:2 805:1 808:5 797:2 805:1 808:5 science 685:13, 18 746:1 seek 729:20 rushing 691:16 815:6 844:7,24 847:3 854:8 scolded 738:19	rpm's 852:23	707:7 713:2			
ruined 651:15 ruptured 634:6 658:3 674:22 684:20 694:25 770:15 771:6 770:15 771:6 770:15 771:6 888:17 ruptures 673:23 721:20 722:19 896:6,8 security 899:20 726:20 731:13 726:20 731:13 726:20 731:13 726:20 731:13 726:20 731:14 726:20 731:14 726:20 731:14 726:20 731:15 720:20 722:19 896:6,8 security 899:20 726:20 731:13 726:	•	783:16 791:3	636:25 638:7		
rule 888:17 ruptures 673:23 721:20 722:19 896:6,8 security 899:20 ruled 888:12 891:8 726:20 731:13 734:6 745:13 748:4 751:14 765:8 770:10 705:8 770:10 705:8 770:10 seeds 674:21 657:12,18 698:7 649:1 659:24 757:18,19 776:2 765:8 770:10 700:10			658:3 674:22	scheduling	
ruled 888:12 891:8 726:20 731:13 734:6 745:13 734:6 745:13 748:4 751:14 765:8 770:10 sediment 701:11 701:11 rules 656:22 657:12,18 698:7 699:21 701:13,15 704:25 715:18 715:18 704:25 715:18 70		•			
rules 656:22 rural 648:20,21 748:4 751:14 765:8 770:10 seeds 674:21 657:12,18 698:7 649:1 659:24 757:18,19 776:2 schools 778:18 710:10 699:21 701:13,15 660:5,14,16,19 782:9,17 785:3,7 797:2 805:1 808:5 science 685:13, seek 729:20 718:22 719:3 rushing 691:16 815:6 844:7,24 847:3 854:8 scolded 738:19	ruled 888:12	•	726:20 731:13		sediment 701:11
704:25 715:18 661:6 839:1 850:5 797:2 805:1 808:5 8cience 685:13, seek 729:20 1872:19 862:7,14 847:3 854:8 scolded 738:19 segregated segregated	657:12,18 698:7	649:1 659:24	748:4 751:14 757:18,19 776:2		
718:22 719:3 rushing 691:16 815:6 844:7,24 seeking 611:10 725:19 862:7,14 847:3 854:8 scolded 738:19 segregated					seek 729:20
segregated		rushing 691:16			•
863:17 865:7 Tusting 702:6,9, 859:4,17 876:17 867:25	863:17 865:7	rusting 702:6,9,	859:4,17 876:17	300.100	segregated 867:25

Index: segregation..sit

842:7,8, in-lead of the service of t	ven-county- ength 669:17 venth 845:16 veral 715:3 81:12 783:10 91:15 796:5 91:24 808:15 92:4,19 833:13 89:13 843:14 92:14 874:5,11 80:12 896:4 vage 696:3 aded 616:23 90:1 834:2 835:1 88:21 854:8 ape 710:4 are 720:11 95:20 853:6 94:11 arp 734:18	shovel-ready 829:6 show 633:10 649:4 666:10,12 698:11 784:19 788:21 813:25 827:15 showed 752:20 788:15 showing 646:15 808:18 shown 671:11 764:20 863:2 shows 889:3 shut 618:7 665:5 702:4 712:23 714:16 730:7,8 siblings 686:5 705:12 714:22 715:12 817:8	788:1 811:5 812:10 819:20 820:18 sign-up 787:16 signed 640:25 696:16 715:11,12 739:4 755:21 787:25 811:1 significant 678:1 768:24 782:3 783:2 785:15 797:5 807:2 876:21 signing 654:14 696:22 714:10 841:7 886:4 signs 610:13 714:17 similar 614:23 890:5
nber 370:1 370:1 370:1 370:1 370:1 380 382 3870:22 3870:29 3809:4,7 388 3721:15 38879:22 3819 699:15 3813:6	reral 715:3 81:12 783:10 91:15 796:5 91:24 808:15 92:4,19 833:13 99:13 843:14 92:14 874:5,11 90:12 896:4 rvage 696:3 90:1 834:2 835:1 98:21 854:8 pape 710:4 pare 720:11 95:20 853:6 94:11 parp 734:18	649:4 666:10,12 698:11 784:19 788:21 813:25 827:15 showed 752:20 788:15 showing 646:15 808:18 shown 671:11 764:20 863:2 shows 889:3 shut 618:7 665:5 702:4 712:23 714:16 730:7,8 siblings 686:5 705:12 714:22	sign-up 787:16 signed 640:25 696:16 715:11,12 739:4 755:21 787:25 811:1 significant 678:1 768:24 782:3 783:2 785:15 797:5 807:2 876:21 signing 654:14 696:22 714:10 841:7 886:4 signs 610:13 714:17 similar 614:23
370:1 sev 73 ster 79 80 nt 736:22 83 809:4,7 88 721:15 sev 5 879:22 sha 62:5 sha 79 649:22 sha 649:22 sha 649:22 sha 8 641:14 7,23 751:18	31:12 783:10 31:15 796:5 31:24 808:15 32:4,19 833:13 39:13 843:14 39:13 843:14 30:12 896:4 30:12 896:3 30:1 834:2 835:1 38:21 854:8 3pe 710:4 3re 720:11 35:20 853:6 34:11 3rp 734:18	698:11 784:19 788:21 813:25 827:15 showed 752:20 788:15 showing 646:15 808:18 shown 671:11 764:20 863:2 shows 889:3 shut 618:7 665:5 702:4 712:23 714:16 730:7,8 siblings 686:5 705:12 714:22	signed 640:25 696:16 715:11,12 739:4 755:21 787:25 811:1 significant 678:1 768:24 782:3 783:2 785:15 797:5 807:2 876:21 signing 654:14 696:22 714:10 841:7 886:4 signs 610:13 714:17 similar 614:23
73 74 75 80 81 81 81 81 81 82 81 81 87 81 87 81 87 81 81 87 81 81 81 81 81 81 81 81 81 81 81 81 81	21:15 796:5 21:24 808:15 22:4,19 833:13 39:13 843:14 22:14 874:5,11 30:12 896:4 30:12 896:4 30:13 843:2 835:1 30:13 834:2 835:1 30:13 834:2 835:1 30:14 834:2 835:1 30:14 834:2 835:1 30:15 854:8 30:16 853:6 30:17	788:21 813:25 827:15 showed 752:20 788:15 showing 646:15 808:18 shown 671:11 764:20 863:2 shows 889:3 shut 618:7 665:5 702:4 712:23 714:16 730:7,8 siblings 686:5 705:12 714:22	696:16 715:11,12 739:4 755:21 787:25 811:1 significant 678:1 768:24 782:3 783:2 785:15 797:5 807:2 876:21 signing 654:14 696:22 714:10 841:7 886:4 signs 610:13 714:17 similar 614:23
80 nt 736:22 ,16 752:9 809:4,7 88 721:15 sew s 879:22 sly 699:15 613:6 682:5 sha 79 649:22 sha 649:22 sha 85 641:14 ,23 751:18	21:24 808:15 22:4,19 833:13 39:13 843:14 22:14 874:5,11 30:12 896:4 vage 696:3 30:1 834:2 835:1 38:21 854:8 3pe 710:4 3re 720:11 35:20 853:6 34:11 3rp 734:18	827:15 showed 752:20 788:15 showing 646:15 808:18 shown 671:11 764:20 863:2 shows 889:3 shut 618:7 665:5 702:4 712:23 714:16 730:7,8 siblings 686:5 705:12 714:22	739:4 755:21 787:25 811:1 significant 678:1 768:24 782:3 783:2 785:15 797:5 807:2 876:21 signing 654:14 696:22 714:10 841:7 886:4 signs 610:13 714:17 similar 614:23
nt 736:22 ,16 752:9 809:4,7 88 721:15 sev 5 879:22 5ly 699:15 613:6 682:5 sha 79 649:22 85 6441:14 ,23 751:18	2:4,19 833:13 39:13 843:14 72:14 874:5,11 30:12 896:4 vage 696:3 30:14 834:2 835:1 38:21 854:8 3pe 710:4 3re 720:11 35:20 853:6 34:11 3rp 734:18	788:15 showing 646:15 808:18 shown 671:11 764:20 863:2 shows 889:3 shut 618:7 665:5 702:4 712:23 714:16 730:7,8 siblings 686:5 705:12 714:22	787:25 811:1 significant 678:1 768:24 782:3 783:2 785:15 797:5 807:2 876:21 signing 654:14 696:22 714:10 841:7 886:4 signs 610:13 714:17 similar 614:23
,16 752:9 809:4,7 88 721:15 sew s 879:22 sly 699:15 613:6 682:5 sha 79 649:22 sha 28 85 85 85 85 85 85 85 85 85 8	2:14 874:5,11 30:12 896:4 vage 696:3 aded 616:23 20:1 834:2 835:1 88:21 854:8 ape 710:4 are 720:11 95:20 853:6 64:11 arp 734:18	showing 646:15 808:18 shown 671:11 764:20 863:2 shows 889:3 shut 618:7 665:5 702:4 712:23 714:16 730:7,8 siblings 686:5 705:12 714:22	768:24 782:3 783:2 785:15 797:5 807:2 876:21 signing 654:14 696:22 714:10 841:7 886:4 signs 610:13 714:17 similar 614:23
721:15 sew 5 879:22 sha 62 sly 699:15 83 613:6 sha 682:5 sha 79 649:22 85 9 641:14 she	ace 720:11 15:20 853:6 64:11 avage 696:3 10:1 834:2 835:1 18:21 854:8 18:21 854:8 18:21 854:8 18:21 854:8 18:21 854:8 18:21 854:8 18:21 854:8 18:21 854:8 19:21 8	808:18 shown 671:11 764:20 863:2 shows 889:3 shut 618:7 665:5 702:4 712:23 714:16 730:7,8 siblings 686:5 705:12 714:22	783:2 785:15 797:5 807:2 876:21 signing 654:14 696:22 714:10 841:7 886:4 signs 610:13 714:17 similar 614:23
sev sha 62 sly 699:15 83 613:6 sha 682:5 sha 79 649:22 85 sha 9 641:14 she	aded 616:23 20:1 834:2 835:1 88:21 854:8 ape 710:4 are 720:11 95:20 853:6 64:11 arp 734:18	shown 671:11 764:20 863:2 shows 889:3 shut 618:7 665:5 702:4 712:23 714:16 730:7,8 siblings 686:5 705:12 714:22	797:5 807:2 876:21 signing 654:14 696:22 714:10 841:7 886:4 signs 610:13 714:17 similar 614:23
sha 62 62 61y 699:15 83 613:6 sha 682:5 sha 79 649:22 85 sha 9 641:14 she	aded 616:23 20:1 834:2 835:1 88:21 854:8 ape 710:4 are 720:11 95:20 853:6 64:11 arp 734:18	764:20 863:2 shows 889:3 shut 618:7 665:5 702:4 712:23 714:16 730:7,8 siblings 686:5 705:12 714:22	876:21 signing 654:14 696:22 714:10 841:7 886:4 signs 610:13 714:17 similar 614:23
6879:22 62 6ly 699:15 83 613:6 sha 682:5 sha 79 649:22 85 e 641:14 ,23 751:18 she	20:1 834:2 835:1 18:21 854:8 ape 710:4 are 720:11 15:20 853:6 14:11 arp 734:18	shows 889:3 shut 618:7 665:5 702:4 712:23 714:16 730:7,8 siblings 686:5 705:12 714:22	696:22 714:10 841:7 886:4 signs 610:13 714:17 similar 614:23
513:6 sha 682:5 sha 79 649:22 85 sha 9 641:14 she ,23 751:18	ape 710:4 are 720:11 95:20 853:6 64:11 arp 734:18	shut 618:7 665:5 702:4 712:23 714:16 730:7,8 siblings 686:5 705:12 714:22	841:7 886:4 signs 610:13 714:17 similar 614:23
682:5 sha 79 649:22 85 sha 641:14 she ,23 751:18	are 720:11 95:20 853:6 64:11 arp 734:18	702:4 712:23 714:16 730:7,8 siblings 686:5 705:12 714:22	signs 610:13 714:17 similar 614:23
sha 79 649:22 85 sha 641:14 ,23 751:18 she	95:20 853:6 64:11 arp 734:18	714:16 730:7,8 siblings 686:5 705:12 714:22	714:17 similar 614:23
649:22 85 sha : 641:14 ,23 751:18 she	34:11 arp 734:18	705:12 714:22	similar 614:23
sha 641:14 ,23 751:18	arp 734:18		
: 641:14 ,23 751:18 she	-	715:12 817:8	
,23 751:18 sne	ed 616:16		simple 860:5
		sic 609:3 687:21 708:19 758:20	simplest 830:22
	eds 687:17	side 629:23	simplistic 696:10
u 802:8	88:6 689:20	644:22 646:10	-
5 679.16,	eet 859:14,15	660:6,10 661:6	simply 622:15 759:2 888:25
	elby 614:10,12 85:3 646:13	665:10 667:21 672:7 687:4,20	889:7
	57:15 669:10	689:14 718:16	single 669:19
68	80:12 684:3	737:18,23 740:6, 12 744:16 750:7,	670:5 792:8
	96:22 697:2 90:6 712:23	8,9,16 751:25	Sioux 698:1
705:18 73	31:11	752:5 757:17	776:13,23 777:7, 14,16,17 778:5
727:22 367:23 she	eriff 741:12	776:23 779:15 781:4 787:2	786:23 787:2
	ft 730:22	800:24 803:11	791:19 803:8,13 808:19 809:6,7,10
k 780:6,14 shc	ocked 634:14	828:3 835:6 836:17 844:16	846:13
ks 780:13, shc	op 616:15	848:13 850:24	sir 669:4 863:24
	•	875:18	869:6
	ort 632:20	sides 848:20	sister 716:16,25
73	35:7	Sierra 622:23	723:16 734:14 775:22 791:16
		703:4,20 747:8	792:19
		884:3	sister-in-law
		sift 823:8	751:24 752:1
070.05	ot 625:7 841:1		sisters 686:24
	nulder 838-24	646:17,23 654:16	687:18 723:7
680:21	Juliuci 000.24	656:20 673:13	sit 730:20 796:2
	shi k 780:6,14 sho ks 780:13, sho 83 645:5 sho 73 g 624:16 sho 6 822:7 79 705:23 sho 670:25 sho	shift 730:22 shocked 634:14 shop 616:15 833:3 838:2 short 632:20 735:7 short-term 796:19 shorts 645:11 shot 625:7 841:1 shoulder 838:24	shift 730:22 800:24 803:11 828:3 835:6 836:17 844:16 833:3 838:2 875:18 845:5 short 632:20 735:7 Sides 848:20 822:7 796:19 842:3 855:21 848:3 85:21 848:3 860:21 848:13 850:24 848:13 850:24 875:18 848:20 848:20 848:21 848:20 848:22 848:20 848:23 848:20 85:21 848:20 868:21 848:20 868:21 848:20 868:21 848:20 868:21 848:20 868:21 848:20 868:21 848:20 868:21 848:20 868:21 848:20 868:21 848:20 868:21 848:20 868:21 848:20 868:21 848:20 868:21 848:20 868:21 848:20 868:21 848:20 868:21 848:20 868:22<

Index: sit-down..stages

sit-down 830:8	slower 694:3	solutions 646:9 795:14	Southbridge 776:12	speculative 762:17 764:1
sit-downs 830:12	small 622:7 626:20 634:3	Solutions' 609:5	southeast 615:3	spell 613:24
030.12	679:22 680:7	3010110113 009.5	687:13 740:23	659:10 683:19
site 700:16,21	681:2,4,16,22	somebody's	836:11 873:22	736:18 774:24
701:1 821:25	717:10 885:18,19	657:2	030.11 073.22	832:7 843:13
829:7		someday 829:19	southern 661:7	845:11 871:18
siting 759:13	smaller 776:19	Someday 629.19	707:13 722:7	043.11 07 1.10
790:16	805:11 822:5	son 745:25	soybean 738:2	spelled 843:2,7,
790.10	smart 782:18	817:11	826:25	19,23 849:9
sits 877:3	3111a1t 702.10	son's 859:7	020.23	spend 611:3,4,5,
sitting 611:24	smarter 647:7	3011 3 009.7	soybeans 775:23	6 617:25 632:17
665:4 726:22	smooth 629:4	sons 872:17	space 692:11,14,	861:16
809:20	311100111 029.4	sooner 762:16	18 716:23 717:7,	
	smoother 703:18	300Hei 702.10	10 718:3 740:1	spent 624:8
situation 711:23	sniffling 772:15	sore 637:19	760:1	685:22
741:2 766:22	311111111g 772.13	642:22		spike 852:23
799:23,25 809:5	snow 620:3 823:4	sort 663:9 780:21	spaces 694:13	•
situations	soft 674:20	791:4 797:3	719:25 786:25	split 644:3
619:10 791:14		833:10 836:8	spacing 700:2	spoke 745:20
	soil 628:14 631:1,	886:2		852:10 854:14
six-foot 828:19	7 632:21,25 633:6		spanning 670:25	
six-inch 837:10	634:5,15 655:24	sorted 854:15	speak 614:2	spoken 714:12
	674:17,24 675:8,9	sorts 678:2	752:12 763:20	739:7 769:5
sixth 746:2	690:19,24 694:18,	815:14	776:25 803:10	spot 626:17
sixty 804:8	19 701:6 708:20		894:2	637:19 839:9
_	709:12,13 710:9,	sought 887:18		
size 646:11	10,13 727:22	889:10	speaking 642:17	spots 626:11
724:11 727:3,4,8,	731:22 744:24,25	soul 675:24	688:5 695:16	706:17
10 787:7 820:8,	789:17,21 804:18,		876:3	sprayer 645:17,
17,20 865:18	24 822:13,20,24	sounds 722:20	special 681:12	20
868:24 880:23	842:7,13,18,20,22	830:6 899:18	749:4 878:1	
sizeable 826:7	843:8,22 844:13	source 692:15		sprayers 645:14
	846:12,14 854:15,		specialist 685:16	spraying 645:16
sizes 753:17	17,19 858:18,19,	south 619:20,23	specific 621:13	. , ,
sketched 724:15	21,23 859:1,2,3	620:21,22 621:5	671:20 694:7	spring 629:18
	860:2 867:24	629:23 645:17	699:22 700:2	sprinkles 806:17
Skimmed 724:5	868:5 878:1 884:8	660:4 661:6	709:15 745:11	•
skip 887:23	891:11	684:10,11,12	790:12 820:16,19	Sprint 743:10
•	solar 700:3	689:12,20,23	860:19 861:17 [°]	744:16
skipped 864:8	812:3,4,16,20,25	691:23 692:2,16,	862:21 863:10	squads 713:6
slanted 828:3	813:4	17,18 704:6,7,14	865:22 878:1	•
	sold 629:22,23	707:17 718:4,7 733:4 748:20	879:12	squiggly 836:8
slash 740:22	636:24 641:7	751:23 777:6,9	specifically	stability 732:1
slated 715:18	702:11 714:5	751.23 777.6,9	662:20 709:10	-
cloop 600:25	755:24,25 811:7	785:5,13 790:23	724:18 757:25	staff 609:19,20,24
sleep 609:25		795:1 806:12	761:7 771:24	611:18 612:9,13 620:9,12 646:3
613:4 847:1	soldier 720:20	807:16,20,21,23	852:9 897:3	684:14,17 688:22
slice 793:18	solely 672:13	808:8,24 825:21		773:1 818:4
slight 857:9	•	826:9,18,19,24	specifications	861:15 899:20
Singific 657:9	solicitation	827:23 831:9	653:16	001.13 033.20
sliver 794:6	714:17	833:14,15 834:11	specifics 757:4	stage 869:23
	solution 696:10	835:23 839:3	-	stages 777:1
clow 705:21	301411011 030.10			
slow 705:21 738:16	795:8,10,12 820:1	874:12,22,23	specify 646:25 651:16 652:14	Stages TTT.1

Index: stand..super-pressurized

IN RE: SUMMIT CARBON SOLUTIONS IUB HEARING 08/24/2023

stand 609:12 **stories** 628:9 stuff 623:22 767:4 795:4.6 **Summit** 609:5 618:4 636:13 890:21 630:3 641:15 629:25 632:7 storing 777:20 658:17 676:23 647:7 648:15 637:12,15 639:19 statements 686:19 796:15 story 672:7 653:12 654:4 640:12 641:17 759:12 753:15 791:16 656:20 659:20 642:11 643:14 standard 896:20 **States** 847:17 661:14,16 665:12 644:14 646:8 straight 720:21 standards 667:18 668:2 649:17 650:21 **station** 699:11 748:11 802:17 651:11 721:20 674:3 676:15 651:5 653:2,23 835:21 845:2 679:1 682:2 783:3 655:3 658:2 722:19 stationed 643:21 stream 617:15 812:10 826:14 659:11 663:3,4 standing 617:12 stations 701:2 827:2 664:1,9 666:25 690:8 768:15 streaming 730:9 675:13 676:2,3 status 704:24 791:25 875:19 subcontractors 678:18 681:15 **streams** 617:12 878:12 879:10 613:12 stay 700:22 694:24 695:3 658:9 701:10,11 subdividing 698:5 699:15,21 standpoint **stays** 644:12 **street** 712:5 729:13 742:24 700:15 701:13,22 **steal** 643:19 741:17,21 775:3 705:9 712:10 **subject** 630:12 start 612:24 816:3 827:23 714:10,12,15,18, steel 778:3 623:21 625:9 871:21 **subjects** 642:22 20,22 715:6,8,18, 626:11 653:13,16 steep 619:14,17 19 719:2,15,18,19 streets 712:8 **submit** 686:6 654:3 656:22 656:2,5,8,13 720:2,11 721:17 788:24 673:10 685:9,17 strength 814:22 724:3 725:7,18 Steve 899:14 697:21 731:6,16 726:4,12 727:4,15 submitted strengthened 801:11 807:18 steward 710:1 729:10,15 730:5, 784:18 798:9.17 868:3 814:20 823:24 21 741:6,7,10 810:8 stewards 690:24 824:2,4,7,13 strictly 738:6 752:11 753:3,23 694:10 756:2 827:12 835:6 subsection 754:5,7,8,11 strike 757:21 847:12 848:3 771:25 897:4 stewardship 762:4 765:13,21 890:16,21 866:18 693:21 704:2 771:11,12 780:8 subsequent **strip** 629:7 710:2 781:25 782:12,20 **started** 625:23 677:24 631:12 644:4.20 783:15 793:18 633:16 714:16 stick 632:20 subsidies 704:13,14 708:1 795:12 807:12,21 728:23 747:11 653:21.25 sticking 763:1 711:8 731:16 808:1,7 809:14 752:15,22 811:15 875:25 811:10 814:25 840:15 853:23 substance 732:9 **stipend** 718:12 815:7,18 816:23 strip-till 656:18 starters 711:14 substantial stomp 710:11 817:18 819:3,21 **strips** 707:22 771:19,20 896:23, 820:2,8,21 821:18 **starts** 612:7 stone 724:14,22 829:16 830:10 649:14 671:21 **stroke** 872:17 stood 841:5 731:8 850:11 839:25 840:5,22 successful 895:2,3 879:9 841:18 842:14 892:8 831:5 structure 688:25 843:10 859:16 **stop** 638:19 **state** 610:22 **suck** 761:5 740:24 742:6,14 860:7 862:21 730:13 735:8 613:23 630:14 873:12 875:12 863:7 865:1,5,9, sucks 754:24 801:11 803:4 668:11,16,21 14,18,23 866:4,5, structures 826:9 883:17 670:15 672:6 sudden 628:6 17 867:1,23 688:4,23 743:21 683:19 685:13 635:11 **stopped** 668:18 870:6,9 883:5 744:8,9 745:7 698:25 736:18 886:3,14 890:9 suffers 760:1 788:11 834:6 stops 834:9,10 748:3 760:18,19 892:1,2 896:13,14 837:20 873:13 762:13 774:23 suffocate 713:19 storage 738:12, **Summit's** 645:24 861:7 880:14 **stubble** 623:10 25 739:3,24 suggestion 659:7 673:3 705:3 888:11 889:8 740:2,4 773:12 888:22 stuck 624:12,17 716:12 808:3 777:19 **stated** 662:15 647:18 707:24 814:20 854:23 summarizing 766:23 708:7 895:21 **store** 777:21 864:16 826:13 statement **studied** 703:15 supersummer 636:25 672:24 734:5 pressurized 639:25

Index: supervisors..territory

699:13	switched 753:5	816:10 820:7	teacher 695:10	833:1 834:2,3
supervisors	sworn 613:21	830:4 842:2,15,19	teaching 685:14	840:15,20 848:1
698:12 739:7,14	683:16 736:8,15	843:1 854:21 860:16,18 873:13	tear 617:17 618:2	854:3 855:5 873:7 884:11
supplying	774:21 832:3 871:15	886:11	626:10 627:2	tenant-landlord
808:22		talking 614:9,25	658:13 674:25	853:21
supporting	system 806:3 835:17	620:20 627:9	735:10 781:13,14 844:4	tenants 617:7
681:5		635:25 650:21 654:7 671:21	_	623:8 624:4 631:4
supports 776:3	systems 776:4	684:25 690:2	tearing 844:20	632:6 638:11,15,
suppose 782:16	T	697:3 720:14	tears 794:8	22 639:4 642:11 643:2,10 649:9,10
810:5	<u> </u>	723:9 726:21	tech 665:23	653:19,20 654:11,
supposed 632:4	T-O-M 832:9	743:16 748:5,6 760:12 764:2,16	technical 629:11	12,19 655:9,25
647:20 651:22	table 633:21	772:19 775:5	technically	660:18 719:6
666:12 669:21 700:21 851:6		777:7 784:24	643:3 685:21	853:6
	tablet 899:17	804:2 807:22 808:13 817:14	Technologies	tend 654:25
supposedly 644:21 668:12	tabletop 821:4	818:2 832:12	743:11	tended 692:19
	takes 609:11	833:5 845:4 882:8	technology	704:8
surgery 898:20,	779:4 782:24	893:7,9	845:10	term 629:11
surprise 669:16,	792:24 822:1 826:4,5 833:9	talks 722:23	techs 838:11	801:14
25 679:7	878:7,8	tall 778:2	Telecommunicat	terms 639:19,22
surrounded	taking 611:15	tamp 674:21	ions 744:15	640:8 677:23 719:1 722:17
706:21	658:6 702:14	•	telephone	729:7 730:21
surrounding	734:13 767:19	tamper 674:20	618:20 693:8	731:3 741:23
680:10	784:9 787:4 792:2 793:18 794:9	tank 698:18	812:24 876:9	749:5 759:10 761:21 765:20
survey 637:20	796:22 816:7	tankers 808:21	telling 638:7	768:23,25 820:3
868:5	828:12 878:21	tanks 697:6	639:3 666:19	862:14 867:24
surveyed 638:5	talk 624:19	tasks 729:22	780:19 844:8,11 860:7	889:12
755:2 861:18	639:19,22 651:2	tax 677:16,18	tells 767:11	terrace 705:20
survive 697:17	653:8,11 654:6 718:22 753:23,25	681:6		706:4
880:8	754:11,12 792:21	taxable 677:4,10	temporary 677:2 848:11	terraces 617:14
suspect 637:3	796:13 804:7			619:14 620:3,4,6 623:13,16,19
795:21	818:25 840:10 846:2 893:12	taxed 677:5	ten 626:25 628:15 631:23 645:7	624:6,10 657:6,7,
sustained	895:2	taxes 630:13,15 643:5 647:15	659:21,22 675:25	23 658:5,11,14,
670:17 671:25	talked 628:10		702:2 745:3	17,24 659:1,8
863:19 889:18	633:2 637:12,15,	Taylor 622:18,20, 23 641:19 642:6	785:17 845:14,15	690:11,12,15,17 691:15 703:9,13,
sustainment	17 640:9 643:15,	702:25 703:2,3	846:5 869:17	15 704:2 705:15,
758:25	17 658:23 666:7,8 690:6 698:23	715:22 747:1,2,6,	ten-day 637:24	17,22,25 717:20
swampbusting	701:16 710:9	7 756:17,20	ten-foot 631:14,	725:2 727:19
722:16	714:14,22 716:23	758:16 797:16,19, 21,22 800:5,6,10,	23	terrain 619:10
swampy 692:19	717:7 719:17	12 801:6 813:11	ten-minute 869:9	690:8 789:8 836:9 838:20
swatting 696:9	728:12 751:14 752:25 753:3,5,6	817:14 855:18,20,	ten-year 846:3	
swear 638:16	757:16 769:18	21 856:22 857:4,6 860:10 883:24	tenant 643:25	terrible 808:23
	783:3,8 785:24	884:2,3 887:3	644:15 719:16,20	territory 766:21 767:8
SWITCH 647:3	700 17 000 10		722:10 20 726:16	0.101
switch 647:3 733:11	792:17 809:19 810:7,15 814:17	898:18,19,25 899:7	722:10,20 726:16 728:12,13 817:7	

est 868:6	677:8 694:25	third-party 619:7	three-phase	694:14 710:5,10
estamentary	740:7 742:19	693:4 744:14	833:13	748:8 749:2,10
617:22	744:2 747:17	754:7 779:23	three-year	892:17
• · · · · · · ·	752:2,4,8 756:6	Thirty 886:1	817:18	tillable 872:11
estified 613:22	779:25 782:15	•		
683:17 736:9,16	783:19 791:10	thorough 788:10	throats 668:13	tillage 616:25
770:2 774:22	793:1 795:22	thought 635:16	throw 700:24	617:2 628:16
832:4 871:16	796:10,24 799:15	637:2 640:20	782:17	634:18 656:19
896:14	800:7 809:24	649:25 663:24,25	4.1.1	657:2 709:23
estify 611:9	811:3 815:6	664:1,6 676:21	ticked 754:13	749:9
665:19 666:22	817:25 819:1 830:25 842:24	750:20 766:20	tied 763:3 776:4	tilled 876:13
763:10 770:6	847:3,6 851:5,18	811:11 862:1	816:23	877:15
771:11 869:14	857:22 868:23	863:16	4iah4 750.0 704.7	4illing 740.7
896:13,21 900:14	882:15	thoughte 661:00	tight 759:3 764:7	tilling 748:7
estifying 769:25	002.10	thoughts 661:23 879:16	tighten 767:24	timber 617:15
869:25	things 611:19	079.10	tile 617,10 610,0	789:10 877:8
	617:16,19 618:1	thousand 680:21	tile 617:18 618:2, 14,15,19 625:21	time 611:16
estimony	622:15 632:13	688:17 786:17	626:6 651:12	612:2,20 615:17
663:22 675:5	635:2 636:8 639:6	796:17 804:8	658:17,22 659:3,	24 616:5,8,10
729:19 731:9	648:19 650:25	881:25	7,12 690:21,22	634:4 635:5
733:18 734:19	651:2,13 654:5	thousands 878:8	691:5,7 692:3,12	636:15 647:15
735:23 757:7	676:4,5,9,13,16	880:12 885:2	708:14,23,25	655:25 662:22
759:7 771:4 798:8	682:9 684:20		709:8,11 719:22,	663:4 666:3,5,14
799:7 800:8	685:11 691:17	threat 886:20	24 720:6,10	672:9 675:10
822:17 871:1	703:16 710:12	threatened	743:7,8 835:2,6,	678:23 681:5,19
891:6 895:15	712:20 730:7	637:7,19,22 638:1	17,20,24 836:2,3,	682:13,21 693:2
896:7	732:3 749:8,14	639:11,13,17	4,10,16,25 837:3,	697:19 722:9
esting 741:4	757:6 760:21		4,7,8,10,16,18	730:5 733:10
860:2	763:9 772:19	threats 676:6	839:7 846:15	734:8,13 735:16
	773:6,7 781:1	879:22	853:11,13,15,17	739:17 742:16
exas 637:18	783:9 792:22 795:5,19,22 796:8	three 620:19	866:15,19,20,25	747:3 753:15
643:17	802:11 805:3,14	628:14 632:8,9	874:5,11,19,20	755:7,13 768:18
exted 734:15	812:5,6 815:15	636:21 644:10,16	875:6,8,15 876:7	769:2 776:9,11,2
haawattaal	820:11 821:24	645:5 675:15,20,	878:4,10,16,17,	778:22 779:2,5
heoretical	822:8 824:20	22 681:24 684:2	18,20,25 879:5	783:22 785:3,7,1
621:23 746:19	825:12,15,20	691:21 693:15	880:11	792:1,3 793:23,2
heoretically	826:6 829:9	703:6 713:15	tiled 617:14	795:18 797:7
759:5	841:24 842:9	719:7,8,23 721:9	625:19 633:19	798:4 804:6
hereabouts	847:20 848:9,10,	731:6 740:1	692:7 717:15	806:18,22 807:1
776:8	25 851:20 855:4	753:5,16 754:4	836:23	820:4 823:10
770.0	856:13 858:10	760:13,21 762:22		833:21 834:20
hereof 889:12	867:19 883:18	776:6 780:9 783:8	tiler 878:18	840:25 845:17
hereunder	890:2 891:5,7	785:2,6,7 789:13	tiles 625:22,24	860:17 861:16
888:2	895:8,10	793:4 795:21	626:10,11 709:8	870:7 875:13
		796:4,23 800:13	720:12 805:19,20	878:14 892:7
hick 634:19,21	thinking 625:15	806:6,18 809:8,21	875:22	894:11,22 898:3
hickness 634:23	629:7 658:20	810:5 812:3		timely 624:5
	696:8 707:21	821:16 822:2	tiling 617:17	824:6 898:11
hin 631:11	795:25 796:7	824:2 830:9	626:4,19,22,25	
hing 625:4 628:2	840:24	834:8,10,19 842:8	659:5 694:13	times 611:14
_	third 692:23	843:20 846:1	725:2 728:22	636:21 649:10
638:25 639:2,4 648:22 649:8	753:6 779:12	854:15 855:14	745:8 880:7,11	681:25 707:24
655:14 667:12	811:23 844:15	859:24 885:9	884:14 885:1	713:16,17 715:3 728:12 734:6
		893:22		

Index: timing..type

792:4,8,18 805:4	tools 697:19	track 767:22	trenching 856:14	788:7 899:18
809:16,21 813:4	tooth 712:16	772:17	trend 799:14	turns 826:5
821:23 839:13		tracks 774:1,3		
840:11 843:15	top 625:3 628:1,	tractor 645:8,9	trending 685:17	Twenty 698:19 702:3 845:23
timing 664:19	12 630:5 710:19 731:22 732:2	656:4 711:5,19	trends 691:25	
666:2,18	780:18 781:20	815:3,21	tri-fold 663:10	Twenty-five
tipped 645:20	782:10 803:23		723:5,8 893:8	885:25
tire 699:9	808:2 831:14	tractors 711:6		twenty-plus
	topic 630:17	traffic 712:6,7	triangle 740:14, 15 773:11	719:12,14
today 611:9	-	802:10,18,21,23,		twice 636:17
612:24 613:6	topsoil 644:22	24	triangular 737:21	639:25 666:9
618:8,9 665:5	651:12 701:10	trail 773:10,14	738:7,10 741:18	
666:10 684:2 688:5 690:2	709:19,22 710:25 731:17 804:22,23	822:1	744:17 750:13	two 611:24
730:20 732:20	822:25 823:7,9	trails 805:3	751:25 773:2	622:25 623:4,5,16 625:5,11 628:7,14
733:18 734:12	839:12,15 843:20		trips 644:23	631:18 636:25
735:9,13,24	844:10 845:20,21	trained 885:21	Triumph 787:3	638:17 640:1,22
736:24 746:8	850:18,23,25	training 791:23	•	643:16 645:5
748:3 758:5	856:19 858:15,25	_	trouble 632:2	656:6 660:19
760:18,19 769:2	859:10,20 860:16	transmission 743:6,15 749:25	truck 687:18	673:14,15 680:6
775:5,23 778:8	867:21	750:2 759:24	688:8,9 689:21,22	684:10,12 686:22,
783:6,8 792:16	tore 792:15	833:16	697:11 802:10	24 689:21 703:20
793:6 796:8	total 000.0 000.05		trucker 714:24	723:7 733:2,21
805:12 813:19 814:13 832:12	total 623:2 636:25 647:13	transparency 698:6 715:20	723:22	740:1,22 750:18 752:15 753:14
842:19 845:11		096.0 / 15.20	trucking 665:11	755:20 761:8
846:8 853:16	totally 649:10	transportation	trucking 665.11	765:9 770:12
859:8 889:23	654:14,18 760:15	713:21	trucks 665:11	775:18,24 776:3
891:18 895:15	851:7	trash 794:25	680:17 759:19	779:11,13 782:13,
told 628:8 634:13	touch 738:17		781:11 783:21	21,22 784:23
635:5 639:7	touched 696:25	travel 610:22 657:16 735:13	794:16	785:12 789:12
642:21,25 643:15,	732:6 854:16,18	792:17	true 635:20 675:7	808:4 809:8
18 649:9 672:7			699:17 700:2	811:15 818:22
704:18 712:21	tough 665:12	traveled 735:13	782:23 790:20	819:9 822:17 824:7,9 827:20
718:1 739:21	tow 611:4	traveling 672:6	792:2 824:17	830:9 831:11
740:7 741:22	toward 692:10	travels 700:25	853:20 862:6	832:12,14 835:23
742:4,8 807:10	707:12 802:18,21	liaveis 700.25	trust 617:22	839:4 841:13
810:1,18 816:23 823:1 840:20		treating 609:22	676:7 715:20	844:12,14 848:17
843:14 845:19	towards 691:25	794:9	724:7 775:19	859:18 866:3
851:2 855:3	750:4 761:8 876:4	treatment	797:25	867:8 869:16
860:4,21	towed 610:4,8,	777:17,18	trustees 617:22,	871:24 872:17
Tom 831:21	14,15 611:3	tree 690:18	23	881:25
832:2,9	towing 610:14		truth 847:20	two-thirds
·	611:19 612:19,24	trees 702:14		775:21
Tom's 838:4	town 613:4 622:7,	793:9	tube 635:25	two-year 652:8
tomorrow 778:24	12 660:25 661:1	trench 645:3,4,18	Tuesday 900:7,	-
783:6 796:8	680:2,8,14,20	659:20 782:17	12	type 632:22,25
823:24 897:24	681:22 752:10	785:12 822:6	tune 885:2	709:15 779:25 787:6 795:4
898:1,10	765:10	844:17		796:24 802:10
ton 647:14	Township	trenchers 844:12	turn 739:21 797:14 855:17	805:13 809:24
	873:23	846:6 856:13		818:25 819:11
tool 628:16 634:18			turned 778:21	822:8,24 826:6
007.10				

Index: types..war

854:18 878:1	777:23 786:12,16 796:20 801:16	urea 714:4 826:13	20 611:19,20 612:25 681:13,14	voluntary 803:9,
types 675:8	816:18 823:17	USA 825:23	697:8	-
894:23	824:24 825:2	usable 748:3		volunteer 676:17
	826:4,13 837:23	749:17	vehicles 610:14	680:9 681:24
U	840:13 850:21	143.11	708:7 713:22	713:6 725:6
	853:10 858:9	usage 685:7,8	759:25 760:1	751:13,17 809:5,9
	880:9 881:1 882:4	686:9,10,11	880:1	885:18,19
U-SHAPED		737:10,11 775:15,	ventured 070.0	vote 700.40
706:20,22	895:16,19,22	16 832:22	ventured 672:2	vote 796:16
U.S. 743:10	896:16	flm.a.a	venue 899:20	votes 715:1
744:16 771:22	understanding	usefulness 878:24		
897:1	615:6 622:24	878:24	venues 610:24	w
	625:1 632:7	useless 711:24	verbal 640:23	
Uh-huh 655:20	640:11 650:10	ueuel 740.04	VOTO 750:04	
674:12 741:25	799:9 803:21	usual 713:21	versa 750:21	wagon 693:23
747:21 753:2	827:19 856:3	Utilities 650:1,3	version 773:24	694:1 703:17
773:13 817:16	875:9 876:6 889:8	662:15,23 663:11		wait 625:11
873:8 884:23	understood	664:13,17 666:1	versus 813:6	762:11 768:19
886:1 888:6	623:11 769:8	667:6,13 668:10,	vice 750:21	
ultimate 611:21	893:18	14,19 728:14		waiting 646:1
	033.10	769:16 770:14	vicinity 717:22	726:23 892:17
ultimately	uneasy 705:6	795:7 841:15	718:15 828:8	walk 647:16
677:23 686:24	unencumbered	867:22 893:2	video 879:24	696:2 701:25
796:4 811:5	887:21	894:11	880:3	833:23 835:1
830:25	007.21			871:9
unable 611:12	unfortunate	utility 663:6	view 628:25	
	672:5 735:7	749:24 756:10	629:14 665:21	walked 837:11
inattondod				
	Unfortunatoly	795:9 888:2	682:4 891:22	walking 735.5
726:23	Unfortunately	utilize 785:12		walking 735:5
726:23	685:22	utilize 785:12	vigilant 690:16	816:2
726:23				
726:23 unauthorized 610:13	685:22	utilize 785:12 utilizing 789:16	vigilant 690:16	816:2 walks 806:5
726:23 unauthorized 610:13 unbelievably	685:22 Uni-loaders 721:2	utilize 785:12	vigilant 690:16 vintage 616:17 violated 896:9,12	816:2 walks 806:5 wall 634:24
726:23 unauthorized 610:13	685:22 Uni-loaders 721:2 Union 763:18	utilize 785:12 utilizing 789:16	vigilant 690:16 vintage 616:17 violated 896:9,12 violation 718:25	816:2 walks 806:5
726:23 unauthorized 610:13 unbelievably 845:12	685:22 Uni-loaders 721:2 Union 763:18 unique 610:20	utilize 785:12 utilizing 789:16	vigilant 690:16 vintage 616:17 violated 896:9,12	816:2 walks 806:5 wall 634:24 walls 698:19
726:23 unauthorized 610:13 unbelievably 845:12	685:22 Uni-loaders 721:2 Union 763:18	utilize 785:12 utilizing 789:16 V	vigilant 690:16 vintage 616:17 violated 896:9,12 violation 718:25	816:2 walks 806:5 wall 634:24 walls 698:19 Wally 622:23
726:23 unauthorized 610:13 unbelievably 845:12 uncharted 766:21 767:8	685:22 Uni-loaders 721:2 Union 763:18 unique 610:20 732:18 765:16	utilize 785:12 utilizing 789:16 V vague 632:13	vigilant 690:16 vintage 616:17 violated 896:9,12 violation 718:25 771:10	816:2 walks 806:5 wall 634:24 walls 698:19
726:23 unauthorized 610:13 unbelievably 845:12 uncharted 766:21 767:8	685:22 Uni-loaders 721:2 Union 763:18 unique 610:20 732:18 765:16 unit 614:21	utilize 785:12 utilizing 789:16 V vague 632:13 641:10 890:17,21, 22,24 895:18	vigilant 690:16 vintage 616:17 violated 896:9,12 violation 718:25 771:10 violations 725:11	816:2 walks 806:5 wall 634:24 walls 698:19 Wally 622:23 703:3 747:1,7
726:23 unauthorized 610:13 unbelievably 845:12 uncharted 766:21 767:8 uncle 616:1	685:22 Uni-loaders 721:2 Union 763:18 unique 610:20 732:18 765:16 unit 614:21 773:12	utilize 785:12 utilizing 789:16 V vague 632:13 641:10 890:17,21,	vigilant 690:16 vintage 616:17 violated 896:9,12 violation 718:25 771:10 violations 725:11 virtually 665:15	816:2 walks 806:5 wall 634:24 walls 698:19 Wally 622:23 703:3 747:1,7 797:22 855:21 884:3
726:23 unauthorized 610:13 unbelievably 845:12 uncharted 766:21 767:8 uncle 616:1 uncles 625:5	685:22 Uni-loaders 721:2 Union 763:18 unique 610:20 732:18 765:16 unit 614:21	utilize 785:12 utilizing 789:16 V vague 632:13 641:10 890:17,21, 22,24 895:18	vigilant 690:16 vintage 616:17 violated 896:9,12 violation 718:25 771:10 violations 725:11	816:2 walks 806:5 wall 634:24 walls 698:19 Wally 622:23 703:3 747:1,7 797:22 855:21 884:3 wanted 637:20
726:23 unauthorized 610:13 unbelievably 845:12 uncharted 766:21 767:8 uncle 616:1 uncles 625:5 underground	685:22 Uni-loaders 721:2 Union 763:18 unique 610:20 732:18 765:16 unit 614:21 773:12 United 847:17	utilize 785:12 utilizing 789:16 V vague 632:13 641:10 890:17,21, 22,24 895:18 vaguely 817:20	vigilant 690:16 vintage 616:17 violated 896:9,12 violation 718:25 771:10 violations 725:11 virtually 665:15	816:2 walks 806:5 wall 634:24 walls 698:19 Wally 622:23 703:3 747:1,7 797:22 855:21 884:3 wanted 637:20 652:1 663:11
726:23 unauthorized 610:13 unbelievably 845:12 uncharted 766:21 767:8 uncle 616:1 uncles 625:5	685:22 Uni-loaders 721:2 Union 763:18 unique 610:20 732:18 765:16 unit 614:21 773:12 United 847:17 University	vague 632:13 641:10 890:17,21, 22,24 895:18 vaguely 817:20 valuable 807:19 831:4	vigilant 690:16 vintage 616:17 violated 896:9,12 violation 718:25 771:10 violations 725:11 virtually 665:15 898:22	816:2 walks 806:5 wall 634:24 walls 698:19 Wally 622:23 703:3 747:1,7 797:22 855:21 884:3 wanted 637:20 652:1 663:11 666:5 714:25
726:23 unauthorized 610:13 unbelievably 845:12 uncharted 766:21 767:8 uncle 616:1 uncles 625:5 underground 788:14 880:10,23	685:22 Uni-loaders 721:2 Union 763:18 unique 610:20 732:18 765:16 unit 614:21 773:12 United 847:17 University 685:15,17	vague 632:13 641:10 890:17,21, 22,24 895:18 vaguely 817:20 valuable 807:19	vigilant 690:16 vintage 616:17 violated 896:9,12 violation 718:25 771:10 violations 725:11 virtually 665:15 898:22 virtue 673:24	816:2 walks 806:5 wall 634:24 walls 698:19 Wally 622:23 703:3 747:1,7 797:22 855:21 884:3 wanted 637:20 652:1 663:11 666:5 714:25 725:24 727:10
726:23 unauthorized 610:13 unbelievably 845:12 uncharted 766:21 767:8 uncle 616:1 uncles 625:5 underground 788:14 880:10,23	685:22 Uni-loaders 721:2 Union 763:18 unique 610:20 732:18 765:16 unit 614:21 773:12 United 847:17 University	vague 632:13 641:10 890:17,21, 22,24 895:18 vaguely 817:20 valuable 807:19 831:4	vigilant 690:16 vintage 616:17 violated 896:9,12 violation 718:25 771:10 violations 725:11 virtually 665:15 898:22 virtue 673:24 760:7 761:9 764:23	816:2 walks 806:5 wall 634:24 walls 698:19 Wally 622:23 703:3 747:1,7 797:22 855:21 884:3 wanted 637:20 652:1 663:11 666:5 714:25 725:24 727:10 735:21 740:10
r26:23 unauthorized 610:13 unbelievably 845:12 uncharted 766:21 767:8 uncle 616:1 uncles 625:5 underground 788:14 880:10,23 underneath	685:22 Uni-loaders 721:2 Union 763:18 unique 610:20 732:18 765:16 unit 614:21 773:12 United 847:17 University 685:15,17 unlawfully 741:3	vague 632:13 641:10 890:17,21, 22,24 895:18 vaguely 817:20 valuable 807:19 831:4 valued 795:7 values 880:16	vigilant 690:16 vintage 616:17 violated 896:9,12 violation 718:25 771:10 violations 725:11 virtually 665:15 898:22 virtue 673:24 760:7 761:9	816:2 walks 806:5 wall 634:24 walls 698:19 Wally 622:23 703:3 747:1,7 797:22 855:21 884:3 wanted 637:20 652:1 663:11 666:5 714:25 725:24 727:10 735:21 740:10 766:17 767:8
726:23 unauthorized 610:13 unbelievably 845:12 uncharted 766:21 767:8 uncle 616:1 uncles 625:5 underground 788:14 880:10,23 underneath 692:13 712:25	685:22 Uni-loaders 721:2 Union 763:18 unique 610:20 732:18 765:16 unit 614:21 773:12 United 847:17 University 685:15,17 unlawfully 741:3 unlike 611:23	vague 632:13 641:10 890:17,21, 22,24 895:18 vaguely 817:20 valuable 807:19 831:4 valued 795:7	vigilant 690:16 vintage 616:17 violated 896:9,12 violation 718:25 771:10 violations 725:11 virtually 665:15 898:22 virtue 673:24 760:7 761:9 764:23	816:2 walks 806:5 wall 634:24 walls 698:19 Wally 622:23 703:3 747:1,7 797:22 855:21 884:3 wanted 637:20 652:1 663:11 666:5 714:25 725:24 727:10 735:21 740:10 766:17 767:8 781:10 815:3
726:23 unauthorized 610:13 unbelievably 845:12 uncharted 766:21 767:8 uncle 616:1 uncles 625:5 underground 788:14 880:10,23 underneath 692:13 712:25 741:14,20 742:5	685:22 Uni-loaders 721:2 Union 763:18 unique 610:20 732:18 765:16 unit 614:21 773:12 United 847:17 University 685:15,17 unlawfully 741:3 unlike 611:23 808:12	vague 632:13 641:10 890:17,21, 22,24 895:18 vaguely 817:20 valuable 807:19 831:4 valued 795:7 values 880:16	vigilant 690:16 vintage 616:17 violated 896:9,12 violation 718:25 771:10 violations 725:11 virtually 665:15 898:22 virtue 673:24 760:7 761:9 764:23 vision 795:4,6 visit 661:25 684:2	816:2 walks 806:5 wall 634:24 walls 698:19 Wally 622:23 703:3 747:1,7 797:22 855:21 884:3 wanted 637:20 652:1 663:11 666:5 714:25 725:24 727:10 735:21 740:10 766:17 767:8 781:10 815:3 820:21 840:23
726:23 unauthorized 610:13 unbelievably 845:12 uncharted 766:21 767:8 uncle 616:1 uncles 625:5 underground 788:14 880:10,23 underneath 692:13 712:25 741:14,20 742:5 750:23 764:20 812:25	685:22 Uni-loaders 721:2 Union 763:18 unique 610:20 732:18 765:16 unit 614:21 773:12 United 847:17 University 685:15,17 unlawfully 741:3 unlike 611:23 808:12 unnecessarily	vague 632:13 641:10 890:17,21, 22,24 895:18 vaguely 817:20 valuable 807:19 831:4 valued 795:7 values 880:16 valve 730:8 valves 730:7	vigilant 690:16 vintage 616:17 violated 896:9,12 violation 718:25 771:10 violations 725:11 virtually 665:15 898:22 virtue 673:24 760:7 761:9 764:23 vision 795:4,6	816:2 walks 806:5 wall 634:24 walls 698:19 Wally 622:23 703:3 747:1,7 797:22 855:21 884:3 wanted 637:20 652:1 663:11 666:5 714:25 725:24 727:10 735:21 740:10 766:17 767:8 781:10 815:3 820:21 840:23 849:2 852:21
726:23 unauthorized 610:13 unbelievably 845:12 uncharted 766:21 767:8 uncle 616:1 uncles 625:5 underground 788:14 880:10,23 underneath 692:13 712:25 741:14,20 742:5 750:23 764:20 812:25 understand	685:22 Uni-loaders 721:2 Union 763:18 unique 610:20 732:18 765:16 unit 614:21 773:12 United 847:17 University 685:15,17 unlawfully 741:3 unlike 611:23 808:12	vague 632:13 641:10 890:17,21, 22,24 895:18 vaguely 817:20 valuable 807:19 831:4 valued 795:7 values 880:16 valve 730:8 valves 730:7 van 609:25 610:2,	vigilant 690:16 vintage 616:17 violated 896:9,12 violation 718:25 771:10 violations 725:11 virtually 665:15 898:22 virtue 673:24 760:7 761:9 764:23 vision 795:4,6 visit 661:25 684:2	816:2 walks 806:5 wall 634:24 walls 698:19 Wally 622:23 703:3 747:1,7 797:22 855:21 884:3 wanted 637:20 652:1 663:11 666:5 714:25 725:24 727:10 735:21 740:10 766:17 767:8 781:10 815:3 820:21 840:23 849:2 852:21 859:19 882:18
726:23 unauthorized 610:13 unbelievably 845:12 uncharted 766:21 767:8 uncle 616:1 uncles 625:5 underground 788:14 880:10,23 underneath 692:13 712:25 741:14,20 742:5 750:23 764:20 812:25 understand 610:17 622:11	685:22 Uni-loaders 721:2 Union 763:18 unique 610:20 732:18 765:16 unit 614:21 773:12 United 847:17 University 685:15,17 unlawfully 741:3 unlike 611:23 808:12 unnecessarily 761:2,12 764:23	vague 632:13 641:10 890:17,21, 22,24 895:18 vaguely 817:20 valuable 807:19 831:4 valued 795:7 values 880:16 valve 730:8 valves 730:7 van 609:25 610:2, 4,6,8,19,20 611:2,	vigilant 690:16 vintage 616:17 violated 896:9,12 violation 718:25 771:10 violations 725:11 virtually 665:15 898:22 virtue 673:24 760:7 761:9 764:23 vision 795:4,6 visit 661:25 684:2 visual 698:23 voicemail 715:4	816:2 walks 806:5 wall 634:24 walls 698:19 Wally 622:23 703:3 747:1,7 797:22 855:21 884:3 wanted 637:20 652:1 663:11 666:5 714:25 725:24 727:10 735:21 740:10 766:17 767:8 781:10 815:3 820:21 840:23 849:2 852:21 859:19 882:18 890:12 892:18
726:23 Inauthorized 610:13 Inbelievably 845:12 Incharted 766:21 767:8 Incle 616:1 Incles 625:5 Inderground 788:14 880:10,23 Inderneath 692:13 712:25 741:14,20 742:5 750:23 764:20 812:25 Inderstand 610:17 622:11 623:5 647:8,12	685:22 Uni-loaders 721:2 Union 763:18 unique 610:20 732:18 765:16 unit 614:21 773:12 United 847:17 University 685:15,17 unlawfully 741:3 unlike 611:23 808:12 unnecessarily 761:2,12 764:23 unobstructed	vague 632:13 641:10 890:17,21, 22,24 895:18 vaguely 817:20 valuable 807:19 831:4 valued 795:7 values 880:16 valve 730:8 valves 730:7 van 609:25 610:2,	vigilant 690:16 vintage 616:17 violated 896:9,12 violation 718:25 771:10 violations 725:11 virtually 665:15 898:22 virtue 673:24 760:7 761:9 764:23 vision 795:4,6 visit 661:25 684:2 visual 698:23 voicemail 715:4 volume 635:15,	816:2 walks 806:5 wall 634:24 walls 698:19 Wally 622:23 703:3 747:1,7 797:22 855:21 884:3 wanted 637:20 652:1 663:11 666:5 714:25 725:24 727:10 735:21 740:10 766:17 767:8 781:10 815:3 820:21 840:23 849:2 852:21 859:19 882:18
726:23 Inauthorized 610:13 Inbelievably 845:12 Incharted 766:21 767:8 Incle 616:1 Incles 625:5 Inderground 788:14 880:10,23 Inderneath 692:13 712:25 741:14,20 742:5 750:23 764:20 812:25 Inderstand 610:17 622:11 623:5 647:8,12 662:14 663:16	685:22 Uni-loaders 721:2 Union 763:18 unique 610:20 732:18 765:16 unit 614:21 773:12 United 847:17 University 685:15,17 unlawfully 741:3 unlike 611:23 808:12 unnecessarily 761:2,12 764:23 unobstructed 887:21	vague 632:13 641:10 890:17,21, 22,24 895:18 vaguely 817:20 valuable 807:19 831:4 valued 795:7 values 880:16 valve 730:8 valves 730:7 van 609:25 610:2, 4,6,8,19,20 611:2, 4,11 612:20 613:5	vigilant 690:16 vintage 616:17 violated 896:9,12 violation 718:25 771:10 violations 725:11 virtually 665:15 898:22 virtue 673:24 760:7 761:9 764:23 vision 795:4,6 visit 661:25 684:2 visual 698:23 voicemail 715:4	816:2 walks 806:5 wall 634:24 walls 698:19 Wally 622:23 703:3 747:1,7 797:22 855:21 884:3 wanted 637:20 652:1 663:11 666:5 714:25 725:24 727:10 735:21 740:10 766:17 767:8 781:10 815:3 820:21 840:23 849:2 852:21 859:19 882:18 890:12 892:18
726:23 unauthorized 610:13 unbelievably 845:12 uncharted 766:21 767:8 uncle 616:1 uncles 625:5 underground 788:14 880:10,23 underneath 692:13 712:25 741:14,20 742:5 750:23 764:20 812:25 understand 610:17 622:11 623:5 647:8,12 662:14 663:16 697:24 719:5	685:22 Uni-loaders 721:2 Union 763:18 unique 610:20 732:18 765:16 unit 614:21 773:12 United 847:17 University 685:15,17 unlawfully 741:3 unlike 611:23 808:12 unnecessarily 761:2,12 764:23 unobstructed	vague 632:13 641:10 890:17,21, 22,24 895:18 vaguely 817:20 valuable 807:19 831:4 valued 795:7 values 880:16 valve 730:8 valves 730:7 van 609:25 610:2, 4,6,8,19,20 611:2, 4,11 612:20 613:5 vary 724:10 729:8	vigilant 690:16 vintage 616:17 violated 896:9,12 violation 718:25 771:10 violations 725:11 virtually 665:15 898:22 virtue 673:24 760:7 761:9 764:23 vision 795:4,6 visit 661:25 684:2 visual 698:23 voicemail 715:4 volume 635:15,	816:2 walks 806:5 wall 634:24 walls 698:19 Wally 622:23 703:3 747:1,7 797:22 855:21 884:3 wanted 637:20 652:1 663:11 666:5 714:25 725:24 727:10 735:21 740:10 766:17 767:8 781:10 815:3 820:21 840:23 849:2 852:21 859:19 882:18 890:12 892:18 893:20
unauthorized 610:13 unbelievably 845:12 uncharted 766:21 767:8 uncle 616:1 uncles 625:5 underground 788:14 880:10,23 underneath 692:13 712:25 741:14,20 742:5 750:23 764:20 812:25 understand 610:17 622:11 623:5 647:8,12 662:14 663:16	685:22 Uni-loaders 721:2 Union 763:18 unique 610:20 732:18 765:16 unit 614:21 773:12 United 847:17 University 685:15,17 unlawfully 741:3 unlike 611:23 808:12 unnecessarily 761:2,12 764:23 unobstructed 887:21	vague 632:13 641:10 890:17,21, 22,24 895:18 vaguely 817:20 valuable 807:19 831:4 valued 795:7 values 880:16 valve 730:8 valves 730:7 van 609:25 610:2, 4,6,8,19,20 611:2, 4,11 612:20 613:5	vigilant 690:16 vintage 616:17 violated 896:9,12 violation 718:25 771:10 violations 725:11 virtually 665:15 898:22 virtue 673:24 760:7 761:9 764:23 vision 795:4,6 visit 661:25 684:2 visual 698:23 voicemail 715:4 volume 635:15, 25	walks 806:5 wall 634:24 walls 698:19 Wally 622:23 703:3 747:1,7 797:22 855:21 884:3 wanted 637:20 652:1 663:11 666:5 714:25 725:24 727:10 735:21 740:10 766:17 767:8 781:10 815:3 820:21 840:23 849:2 852:21 859:19 882:18 890:12 892:18 893:20 wanting 781:16

Index: warehouse..writing

IN RE: SUMMIT CARBON SOLUTIONS IUB HEARING 08/24/2023

warehouse wetlands 692:20 winds 714:19 ways 634:4 785:14 787:11 781:6 783:14 853:20 881:18 704:5.9 822:3 824:21 winter 623:9 803:5 833:15,17 841:8 weak 674:5 whatnot 829:7 824:1 844:18 848:12,23 warehouses 850:15,17 851:21 weather 708:22 wheel 645:8 wintertime 623:8 778:15 686:14 720:17 858:17 866:21 weeds 706:6 wheels 645:15,17 wash 658:7 722:5 894:22,24,25 703:14 705:19 895:9 898:11 week 627:9 665:7 white 616:24 wire 806:14,15 715:4 780:10 623:12 723:8,11 worked 666:13 washing 658:8 wires 779:22 842:3 843:10 743:17 777:17 703:16 709:9 714:2 823:3 869:23,25 870:12 843:7 849:25 842:15 852:4 850:20 wish 713:17 893:15 896:7 852:19 859:23 872:22 734:13 767:20 washouts 898:20 900:3 wide 645:16 888:14 693:24,25 694:4 withdraw 829:25 weekend 735:10 849:8 869:3 working 633:18, waste 695:11 withdrawn weekends width 677:2 19 654:1,19 677:3 714:6 729:14 799:9,23 720:25 738:9 665:13 724:13 887:22 788:3 840:3 watch 880:3 **withdrew** 861:10 Weekly 870:10, wife 612:19 842:13 843:9,24 **watched** 635:13 14 663:20 681:19 witnesses 633:2 851:17 860:8 663:20 828:23 898:20 899:9 672:9,13,15,18 898:15 weeks 627:10 675:3 745:21 wife's 842:24 watching 663:22 649:23 754:4 works 614:4 757:19 765:18 780:9 848:17 868:16 642:20 695:20 water 617:12 766:14 828:23 859:18 716:9 854:1 618:19 619:20 wiggle 888:18 883:11 895:21 629:5,8,9,18,19 weld 701:19 world 786:23 wildlife 692:15 WO-022 774:11 633:20,21 648:19, 808:22 846:7 wells 689:5,8,21 WO-041 774:11 20,21 649:1 Williams 662:3,4 784:12 worried 617:20 659:24 660:5,14, 668:25 669:1,3,5 women 643:16 634:1 731:23,24 16,19 661:6 690:8 670:19,20 673:7,9 west 619:20 752:3 856:18 691:16,22 692:2, 620:22 621:1,5 682:21 729:2,3,5 wondered 13 693:7 703:16 732:16 733:17 629:22 687:20 898:20 **worries** 732:4 705:20,22 709:9 734:1 756:21,22 688:12,14,24 wonderful worry 668:10 717:15 718:1 689:24 691:23 757:2 758:14,17, 716:24 752:16 732:5 764:12 777:16,18 779:18, 706:23 732:25 23 760:2 762:11, 879:11 20 785:9,17 789:7 737:18 750:4,9,16 25 764:15 766:5 worrying 622:14 790:1 806:4,7,10, 752:5,7 779:18 821:10,11,13 wondering 13,17,19 835:7,16 worst 811:20 784:17 794:22 825:7 860:13,15 717:11 836:12 839:1,2,7, 806:12 819:9 862:13,18,19 worth 648:25 Woodbury 9 846:16 850:5 826:12 828:2 863:13,21,22 736:24 737:15 714:1 792:11 874:8,18 875:13, 835:6 836:11 864:5 869:19,22 744:25 745:16 19 876:9 878:5, 873:23 874:1,9 870:7,12,14 WR-125 872:3 752:20 775:5 12,21 879:9,10 875:18 876:13,22 887:6,8,10 889:6, wrap 705:18 780:6 811:13,18 7,21 892:12,15 884:21 water's 785:6 898:2,7 Wright 873:24 word 685:2 758:7 **western** 616:23 waterway 615:2 773:10 775:19 Williams' 897:22 write 661:23 words 615:4 627:25 628:7,13 697:5 787:20 629:6,13 707:20, Westphalia willy-nilly 725:3 writing 640:14 23 745:8 835:7 680:8 647:10 661:14,16 work 618:4,6 win 765:7 836:8 875:11 760:22 842:25 626:5 631:15 wet 626:11,14,17 884:20 wind 700:2 843:2,14,18,20,23 636:17 665:8 704:8 717:23,25 844:17 845:1 676:1 700:14 waterways 844:21 875:25 windbreaks 846:1 849:2,5 702:1,20 706:10, 617:13 628:4,19 877:12 878:1 717:9 851:20 854:22 12 710:16 712:8 629:2,8 657:8,13 wetland 708:1 windmills 678:10 859:11 864:18 713:23 727:21 690:9 708:9 835:2 744:2 770:8,9 873:14

B HEARING 08/24		Index: writte
vritten 640:10	796:10 805:9,15,	
647:9 724:14,22	18 811:15,16	
798:7	812:8 816:24	
Weber 005.40	817:2,15 821:16	
vrong 635:18	822:2,5,7,14,19	
678:7 708:3	823:11 824:2	
723:18 736:11	833:13 834:23	
761:19 826:14	839:23 845:14,15,	
841:20 864:17	23 846:1,5 851:7	
V	858:25 866:23,25	
Υ	872:12,14,15,16,	
	18,19 873:3	
/ank 714:25	874:17 877:12	
	880:6,17 895:3	
vard 640:6 702:12	yellow 696:9	
793:7 841:19		
ear 631:17,18	785:23	
	yesterday	
647:15 657:1,4	609:23 611:10,15	
663:1 666:3	614:23,24 635:14	
678:11 685:25	663:21 670:22	
718:11 753:20		
785:16 789:25	671:19 672:3	
807:1 812:13,14,	675:3 731:10	
17 823:25 824:2,	828:22,23 829:10,	
7,9 838:12	15 843:10 859:24	
845:16,22 858:17	861:9 862:2	
894:12	yesterday's	
/ear's 824:5,6	670:18	
ears 617:19	yield 631:2	
623:21 624:10,14	644:15 709:16	
625:11,14,17	789:20 852:15,22	
626:21,25 628:5,	yields 807:2	
14,15 631:6	880:6	
632:8,9 644:10,	young 656:3	
13,16 645:3,5,7	•	
659:11,21,22	872:17	
675:4,5,15,18,20,		
22 681:14 682:12,	Z	
15 685:20 686:13		
690:16,23 694:11	Tone (00:05	
695:7 698:19	zone 686:25	
701:9 702:2,3,4,5	687:2 752:12	
703:20 706:3	zoned 739:8	
709:16 715:14	778:10,12,13	
719:12,14 720:3	110.10,12,10	
	zoning 739:8,10,	
723:16 728:24	12 787:23 812:2	
729:18 730:14		
731:6,12 737:14	zoom 621:2 646:5	
745:4,16,23 746:7	751:19 773:1	
748:2 752:15	777:3 825:14	
753:14 756:10		
759:23 760:13,17,		
21 765:9 776:7		
779:1,3,4,5 783:9,		
119.1.3.4.3 103.9		