STATE OF MISSOURI
PUBLIC SERVICE COMMISSION

TRANSCRIPT OF PROCEEDINGS

October 26, 2015

Queen City, Missouri

Volume 3

In The Matter Of The Application Of Ameren Transmission Company Of Illinois For other Relief Or, In The Alternative, A Certificate Of Public Convenience And Necessity Authorizing It To Construct, Install, Own, Operate, Maintain And Otherwise Control And Manage A 345,000 Volt Electric Transmission Line From Palmyra, Missouri To The Iowa Border And An associated Substation Near Kirksville, Missouri

File No. EA-2015-0146

RONALD D. PRIDGIN, Presiding SENIOR REGULATORY LAW JUDGE

REPORTED BY:

STEPHANIE PREWITT, RPR, CCR 746

TIGER COURT REPORTING, LLC

1	APPEARANCES
2	
3	MARK JOHNSON, Deputy Staff Counsel 200 Madi son Street, PO Box 360
4	Jefferson Ci ty, Mi ssouri 65102 573-751-3234
5	FOR: Staff of the Missouri Public Service Commission
6	JAMES B. LOWERY, Attorney at Law Smith Lewis, LLP
7	111 South Ninth Street, Suite 200; PO Box 918 Columbia, Missouri 65205-0918
8	573-443-3141 FOR: Ameren Transmission Company of Illinois
9	·
10	TIMOTHY OPITZ, Attorney at Law 200 Madison Street, PO Box 2230 Jefferson City, Missouri 65102
11	573-751-5324 FOR: Office of Public Counsel
12	
13	JENNIFER HERNANDEZ, Attorney at Law Hernandez Law Firm, LLC 1802 Sun Valley Drive
14	Jefferson City, Missouri 65109 573-616-1486
15	FOR: Neighbors United Against Ameren's Powerline
16	DAVID LINTON, Attorney at Law 314 Romaine Spring View
17	Fenton, Missouri 63026 314-341-5769
18	FOR: United for Missouri
19	
20	
21	
22	
23	
24	
25	

PROCEEDINGS

JUDGE PRIDGIN: All right. Good evening. It is six o'clock, and I'm going to go ahead and adjourn -- excuse me. Adjourn? I mean, convene this hearing. I had a commissioner who may still make it. Her mother has taken ill and needed to go to the hospital, so I'm not sure if or when she'll be here, so I want to go ahead and get started since it's six o'clock.

I need to speak up? Is this a little bit better? All right.

My name is Ron Pridgin. I am a judge with the Missouri Public Service Commission, and I will be presiding over this hearing. If some commissioners show up later this evening, I will ask if they have any opening remarks for you.

And let me see if we have any counsel that wish to enter an appearance, beginning with ATXI, please.

MR. LOWERY: Thank you, your Honor. Jim Lowery with the law firm of Smith Lewis, LLP, PO Box 918, Columbia, Missouri 65205, on behalf of Ameren Transmission of Illinois.

JUDGE PRIDGIN: Mr. Lowery, thank you. On behalf of the Office of the Public Counsel, please?

MR. OPITZ: Thank you, Judge. On behalf of

1	the Office of Public Counsel, I'm Tim Opitz, PO Box 2230,
2	Jefferson City, Missouri 65102.
3	JUDGE PRIDGIN: Mr. Opitz, thank you. On
4	behalf of the staff of the Commission, please?
5	MR. JOHNSON: Thank you, Judge. On behalf of
6	Staff Counsel is Mark Johnson, PO Box 360, Jefferson City,
7	Missouri 65102.
8	JUDGE PRIDGIN: Mr. Johnson, thank you. On
9	behalf of Neighbors United, please?
10	MS. HERNANDEZ: Jenni fer Hernandez, Hernandez
11	Law Firm, LLC, 1802 Sun Valley Drive, Jefferson City,
12	Missouri 65109.
13	JUDGE PRIDGIN: Ms. Hernandez, thank you. On
14	behalf of United for Missouri, please?
15	MR. LINTON: Good evening, Judge. David
16	Linton on behalf of United for Missouri, 314 Romaine Spring
17	View, Fenton, Missouri. Thank you.
18	JUDGE PRIDGIN: Mr. Linton, thank you. And
19	have I overlooked anyone?
20	JUDGE PRIDGIN: All right. Before taking any
21	testimony, I want to give you a little information about
22	this hearing and why the Commission is holding it. ATXI
23	has applied to the Commission for approval of plans to
24	construct a transmission line through Shelby, Marion, Knox,
25	Schuyler, and Adair counties as well as an associated

converter station in Adair County. The Commission may grant permission if it decides the construction is necessary or convenient for the public service. The Commission cannot decide any questions about eminent domai n. Those questions can only be addressed in Circuit Court. The Commission has already scheduled an

evidentiary hearing for December of this year, but we are also holding local public hearings. We had one in Shelby County last week and will have one in Adair County tomorrow night, and the purpose of these hearings is to get the testimony from people regarding this proposed project.

I'm going to call the names listed on the signup sheet. I will -- when I call your name, I'll ask that you please come to the podium and be sworn. If you do not wish to take an oath, please let me know and I will ask that your testimony be affirmed instead.

There are quite a few people here this evening, so I will ask everyone to keep their comments at five minutes. I will have a timer on my phone. I will let you know when your five minutes are up and ask that you please wrap up your comments shortly.

If there are any questions that you have, you may speak to any of the folks that have introduced themselves to you earlier this evening, and my final

1 request is to ask everyone please be polite and courteous 2 to those speaking and treat them as you would like to be 3 treated. 4 And I will do my best to read names on the 5 signup sheet. I apologize in advance if I mispronounce anyone's name. As you can see, mine is easily 6 7 mispronounced, and I apologize if I get any names 8 mispronounced this evening. We will probably take a break 9 around eight o'clock, just so people know, and try to plan 10 your schedules accordingly. 11 All right. First witness I have is John 12 Bliven. 13 (Witness sworn.) 14 JUDGE PRIDGIN: All right. If you would, 15 please, state and spell your name for the court reporter, 16 and then you may give your comments. 17 MR. BLIVEN: Okay. John, J-o-h-n, last name 18 Bliven, B-I-i- v as in Victor -e-n, and I reside in 19 Columbia, Missouri. I wanted to come this evening in 20 support of the transmission line. I believe that 21 infrastructure is a requirement for sustained economic 22 Any transmission line is a major part of this growth. 23 infrastructure required to help Missouri grow. I'm the business unit director at Hubbell 24 25 Power Systems Located in Centralia, Missouri. Many of our

1	products manufactured in Centralia are used for these large
2	utility transmission projects, products like earth anchors,
3	used under the foundation of the towers, and also the
4	hardware that's used in the construction of towers.
5	I support the transmission line because it
6	helps drive growth. It also helps Missourians, not only
7	with the opportunity for clean electricity, but it also
8	supports jobs. My location employs approximately 750
9	Missourians. The way I see it, clean, green power,
10	economic growth, and products manufactured in Missouri by
11	Mi ssouri ans. Thank you.
12	JUDGE PRIDGIN: Mr. Bliven, thank you very
13	much, and the next witness is Benny Murphy. And again, if
14	you'll notice, I do have a court reporter. The
15	commissioners will be able to read your remarks.
16	And Mr. Murphy, if you'll come forward to be
17	sworn, please.
18	MR. MURPHY: I've got a question first.
19	JUDGE PRIDGIN: Okay.
20	MR. MURPHY: I'd like to give my time to my
21	wi fe.
22	JUDGE PRIDGIN: Certainly, I'd be glad to do
23	that.
24	MR. MURPHY: Will that be all right?
25	JUDGE PRIDGIN: That will be fine, thank you.

Thank you, Mr. Murphy. Ms. Murphy?

(Wi tness sworn.)

JUDGE PRIDGIN: If you would, please state and spell your name for the court reporter, and then you may give your testimony.

MS. MURPHY: My name is Marla Murphy. It's M-a-r-I-a M-u-r-p-h-y. Please -- Dear Public Service Commissioners, please help us save our farm and those of our neighbors. Ameren Illinois' proposed Mark Twain transmission project in Northeast Missouri is not needed or wanted. This line will leave our farm residence sandwiched between two high voltage transmission lines located less than a fourth mile away and completely ruin the view out of the large picture window that we look out of to see our cattle grazing in the pasture.

operation and reduce productivity, hinder our ability to grow crops, harvest hay, and maintain the pastures that are necessary for the growth of our beef cow and calf herd. It will restrict our ability to rotate crops from hay to soybeans or corn and will prohibit the aerial and ground application of fertilizer and fungicides that are needed for maintaining high yields.

Our 90 acres of pasture and part of the hay field that we plan to raise crops on next year will be

unusable for almost two years or more. Every place Ameren Illinois goes with its massive equipment through our pastures will have to be reseeded and livestock cannot be returned to the area until the newly seeded grasses have taken root.

It will also cause severe soil erosion and soil -- soil compaction and soil erosion on the hilly ground. Our cows will have to be kept elsewhere and fed hay and grain for at least two years. We do not want to -- we do not have enough hay to feed them for an extended period of time, and we do not want to purchase hay as it usually is not of good quality. Purchasing hay is very expensive, and the hay may be several years old and contain unwanted weeds, mold, et cetera.

We also do not want strangers in our fields as our cattle are only used to our family working around them. Ameren has stated that it will take care of our cows, but I know that if we do not move them and take care of them ourselves, they will probably just load them up and take them to a sale barn.

We are also very concerned about Ameren's equipment spreading unwanted noxious weeds such as teasel and some of the livestock diseases such as black leg and anthrax that are found in the soil.

Farmers sometimes know more than rocket

1 | 2 | 3 | 4 | 5 |

scientists. Remember the Challenger disaster? Even a farmer knows that O-rings won't work like they should when temperatures are below freezing. Farmers know their land, their livestock, and how to take care of them. ATXI does not.

Ameren will also have to cut through our fences in several places to get their huge equipment onto our property, and any splicing they do to our fences will leave a weak spot in the fence. Fencing is very expensive and takes a lot of labor to build.

I don't think anyone who works for Ameren would appreciate us going onto their property and digging deep holes, putting up large poles, and stringing up electric wires through the yards near their homes, but that is what they plan to do to our farm and our neighbors' farms. This transmission line will not go along roads or property lines. It will cut diagonally through our farm as it goes from Kirksville to Palmyra.

This transmission line is also supposed to go directly over a pond we use for watering our livestock, and this would be very dangerous in the event these lines would happen to come down in a storm. We also use the pond for recreational activities such as swimming, fishing, boating, and even on occasion our daughters go ice skating on it in the winter.

This would drastically affect those activities and ruin future building sites near this pond and along the blacktops and gravel roads that border our property. No homes, barns, grain bins, or other structures will ever be built in this area. We will not be able to build any additional ponds, terraces, or waterways in the area of this transmission line.

We also enjoy hunting on our property, but this transmission line will drastically reduce the wild game that can be found there such as deer, turkey, pheasants, geese, ducks, rabbits, and squirrels.

It will also remove trees needed for shade and wind breaks for our cattle and homes for the bald eagles, red-tailed hawks, and bats we have seen flying over our property.

I find it ironic that years ago every farm in the country had a windmill, but when electricity came to the area, they all fell in disrepair or were taken down. Now we are replacing coal-fired electrical generating plants with wind energy that was considered unreliable years ago.

I have pictures of these big wind turbines and what happens when they break down. The top portion can catch fire and fall to the ground, burning everything around it. Also, the massive blades can detach and

3

4

5 6

7

8 9

10

11

12

13 14

15

16 17

18

19

20

21

22

23

24 25 puncture vehicles, buildings, or land on people. Wi nd energy is not without its own set of problems.

Please, I beg you. Do not grant ATXI permission to build this high voltage transmission line and take the land that my husband bought in 1968 soon after he graduated from high school and part of the farm next to it that we bought in 1988 away from us.

My husband was in the National Guard and went to Alexandria, Missouri in 1973 to help save the homes and land of those who were being affected by the flooding of that area by the Mississippi River. We now hope those on the PSC will help us save our homes and farms.

No amount of money can compensate us for our My husband and I have worked hard for years to losses. purchase our land and take care of it. Several generations of our forefathers who came to Adair County in the late 1830s settled this area and raised their families hoping for a better life.

Ameren's proposed high voltage transmission line has already made life very difficult for us, but we hope it can be stopped. Stress is not a good thing, nor is living or working near this line. We are very concerned about our health, our daughter's health, and the health of our beef cow herd.

Property values may decline, and I'm sure it

1	will be more than the 10 percent drop that Ameren is
2	projecting. Some landowners who are now trying to sell
3	their property so they can retire may not even be able to
4	do so.
5	Thank you so much for your time, and we hope
6	you consider all of our concerns and not be swayed by the
7	money Ameren is promising to pay out to get this line
8	erected through Northeast Missouri and our property.
9	And if you'd be interested in some pictures, I
10	can provide those, of our land and our machinery.
11	JUDGE PRIDGIN: That's up to you, Ms. Murphy.
12	If you want to, you can give those to the court reporter.
13	MS. MURPHY: I've got several of them, and
14	I've wrote a note on them. Is this the court reporter?
15	JUDGE PRIDGIN: Yes, ma'am. Does that
16	conclude your remarks?
17	MS. MURPHY: Uh-huh.
18	JUDGE PRIDGIN: All right. Thank you so much.
19	We'll mark that as Exhibit 1, please.
20	(Exhibit 1 was marked for identification.)
21	JUDGE PRIDGIN: Curt Peitzman.
22	(Wi tness sworn.)
23	JUDGE PRIDGIN: Thank you so much, sir. If
24	you would, please, state and spell your name for the court
25	reporter, and you may give your testimony.

MR. PEITZMAN: My name is Curt Peitzman,
C-u-r-t P-e-i-t-z-m-a-n. I'm here tonight to speak in
favor of the transmission line. I'm a civil contractor and
I'm also a Missouri resident.

I was raised in a family farm in Lincoln County, and so when I hear the needs and the concerns of the farmers, I want them to know that I understand those concerns. I also -- we have a 69 kV transmission line that actually transverses part of our farm, and so I very much understand part of their concerns.

I want them to know that we're a contractor that installs access and foundations, and oftentimes we are the first people in and the last people to leave, so when it comes time for decompaction, we understand what decompaction is and we understand how decompaction adversely affects things if it's not done correctly.

One of the keys to this project, I think, that will benefit the area is that we're looking at over a hundred thousand man-hours that would be comprised majority -- majorily of local people. We only bring key people in when we install these transmission lines. We source local labor.

In addition, we buy material from local sources. Ameren is very upfront and forthright about the readiness to buy any material we can from local resources

and using local subcontractors. 1 2 Again, I can't stress enough the amount of 3 preplanning and talking about the needs and the sensitivity 4 to the locals and as well as any of the storm water 5 protection and prevention concerns. It's something that we 6 meet continually on. So, thank you. 7 JUDGE PRIDGIN: Mr. Peitzman, thank you, and I 8 apologize for mispronouncing your name earlier. Jeannette 9 Gregory. 10 (Wi tness sworn.) JUDGE PRIDGIN: All right. Thank you very 11 12 much. If you would, please, state and spell your name for 13 the court reporter, and you may give your testimony. 14 MS. GREGORY: Jeannette Gregory, 15 J-e-a-n-n-e-t-t-e G-r-e-g-o-r-y. I want to thank you, 16 Commissioner, for allowing me to speak. On July of 1972 we 17 purchased our land and have lived there for 43 years. 18 That's where our daughter grew up and it's where our 19 grandchildren love to hunt and play. 20 The proposed 345,000 volt line will cross the 21 -- cross the highway less than 300 feet from our home. 22 It's what we'll see when we look out the front door. 23 proposed line will cross the road less than 300 feet from

24

25

our home.

our rented farm acreage, a creek, and a timber area used

Crossing our property diagonally, it crosses to

The

for hunting.

Our concerns are it will destroy our serene countryside and add additional noise. We have health concerns, and it will -- and will we have a home because of the close proximity to the 345,000 volt line.

Other concerns are upgrade and additional cost to property owners such as upgrade to electrical systems from no code to national code, loss of income, replace aluminum siding, replace a steel storage shed, which a low estimate of 55,000 to 70,000 dollars to the homeowners, increasing the voltage from a 345,000 volt to 550,000 volt or even to 750,000 volts. That's a major concern. Will we even be able to live there? It will lower the property values.

The commissioners in all five counties have signed resolutions opposing ATXI Mark Twain Transmission Project. I am asking you, the PSC Commissioners, to protect our private property rights and not approve this project. Thank you.

JUDGE PRIDGIN: Ms. Gregory, thank you. Ken Knobbe.

(Wi tness sworn.)

JUDGE PRIDGIN: Thank you very much. If you would, please, state and spell your name for the court reporter and then give your testimony.

MR. KNOBBE: My name is Ken Knobbe,
K-n-o-b-b-e. I stand before you today in favor of the
transmission line. As I said, my name is Ken Knobbe. I'm
from Bonn Terre, Missouri. I am president of a
construction company out of St. Louis. We perform site
civil construction work which includes excavation, drilled
piers, and the installation of concrete foundations for
transmission lines. We see this as a good for Missouri.

The majority of our employees, which we employ about 80 folks in the field and about 20 folks at our office, are from the state of Missouri. Our key supervisors and key foremen are regular employees that would be employed on a project such as this, and then we would normally hire local tradespersons from the area.

The average tradesperson that works for McGrath & Associates has a salary of approximately 45 to 60,000 dollars a year, depending on how many hours they work in a year. From a site civil standpoint, we see this project as having approximately 125,000 man-hours. This equates to approximately 40 tradespersons' employment for a year and a half to two years.

This does not -- this does not include the man-hours associated with construction materials such as concrete that's going to be -- which would be in the foundations. The concrete range is approximately 55 --

Scott

56,000 cubic yards, which is a substantial amount of 1 2 concrete, that is all purchased locally here. 3 Another economic impact -- impact that would 4 come to the area through the construction would be through 5 restaurants and hotel usage. So we see this as good for 6 the state of Missouri. Thank you. 7 JUDGE PRIDGIN: Mr. Knobbe, thank you. 8 Plocker or Plucker (phonetic). I apologize for 9 mispronouncing the name. 10 (Witness sworn.) 11 JUDGE PRIDGIN: All right. If you would, 12 please, state and spell your name, and then give your 13 testi mony. 14 MR. PLOCHER: My name is Scott Plocher, 15 S-c-o-t-t P-I-o-c-h-e-r. I come tonight in favor of the 16 Mark Twain Transmission Line project. As Mr. Peitzman and 17 Mr. Knobbe just mentioned, we are also a civil contractor 18 for Ameren, but more importantly, I'm a grain farmer from 19 southern Illinois. 20 We see a direct economic benefit to this area 21 from our past projects. Additionally -- in addition to the 22 direct layer, the hotels, the restaurants, the area will 23 also experience an increase in local tax revenue to 24 schools, roads, police, and fire protection districts. 25 On our personal farm in southern Illinois, we

1 have not experienced any impacts with transmission lines on 2 our property and we farm around them without any problems 3 or hassle and no impacts. So, I know every farm's 4 different and everybody farms a little different. It's 5 just from our personal experience, it has not been any --6 had any issues. So, thank you. 7 JUDGE PRIDGIN: All right. Thank you, sir. 8 Jeff Brawner. 9 (Witness sworn.) 10 JUDGE PRIDGIN: Thank you so much. Please state and spell your name for the court reporter. 11 12 MR. BRAWNER: I'm Jeff Brawner, J-e-f-f 13 B-r-a-w-n-e-r. First of all, I'd like to thank you for 14 being here, and I'm as a taxpayer a little disappointed in 15 -- where the rest of your commission is at, why they -- you 16 know, where their interest in this event is; okay? 17 I live northeast of Kirksville about eight 18 miles. I farm. I was born and raised there in Adair 19 County, and this line would pass through 160 acres of our 20 family farm, about one-third native timber, about one-third 21 fertile river bottom, which precision application of seed 22 and fertilizer would have to cease from my understanding 23 because it would not work under these lines, and about one-third wetland. 24

And I've been told by -- just told by the guy

25

driving the fertilizer truck the other day, and I've heard it dozens of times over the years, that this is probably some of the best hunting anywhere in the state of Missouri for deer and turkey, and a 150-foot easement would destroy all four of those.

Now, Ameren Illinois being an investor-owned,

I can understand where this being cheaper to run this route than going through Iowa. I could understand why they would want to take this route, but frankly, I'm not interested in destroying the land that my mom and dad worked for years to pay for to add to their farming operation so some investor out east can draw more on his 401(k). And like I say, we're not even talking about Ameren Missouri. It's Ameren Illinois; okay?

I've heard a lot of things. I'm not well versed on this, but I've read a little bit on it. I've heard a lot of things, but there's also a lot of things I have not heard. One of your -- and I think it's interesting we've had either three or four people in support, but every one of them, none of them live within 150 miles of here, none of them own land here, but every single one of them stood to gain financially from this line.

(Appl ause.)

MR. BRAWNER: Every one of them; okay?

Anyway, increased tax base: I've been on the Kirksville School Board for five and a half years. The last two and a half years I've served as President and I have not to this date heard one single figure from anyone, especially Ameren, of what this would gain our school board. Not one word from them. And as being the president for the last three years, I'm kind of in the know, and there's not one word.

So your last gentleman, you know, it's like everything you read. We get a lot of generalizations, but we're not getting any facts, and the reason I'm here tonight is because I'm going to be at a school board function in Highland tomorrow night or I would call him on it again. Do not say you're going to help our school boards unless you can give us a number; okay?

And improves reliability and access to lower cost energy? This is speculation, but knowing the route of this line, I would venture to guess that very near 100 percent of the landowners are not served by Ameren Missouri and dang sure not by Ameren Illinois.

(Appl ause.)

MR. BRAWNER: We have electric cooperatives that already provide low cost, reliable power. This will not provide one single long-term benefit to any landowner that it passes through on its entire route. Thank you very

1 much. 2 (Appl ause.) 3 JUDGE PRIDGIN: Mr. Brawner, thank you. Davi d 4 Sidwell. 5 (Witness sworn.) 6 JUDGE PRIDGIN: Thank you, sir. If you would, 7 please, state and spell your name for the court reporter, 8 and you may give your testimony. 9 MR. SIDWELL: My name's David Sidwell. That's 10 spelled S-i-d-w-e-l-l. I want to thank the members of the Missouri Public Service Commission for the opportunity to 11 12 testify about the proposed unnecessary Mark Twain 13 Transmission Project. 14 Tonight I would like to testify on behalf of 15 my elderly parents, William and Eloise Sidwell. 16 both in their nineties and confined to a nursing home. 17 father's a 91-year-old World War II veteran. After 18 surviving his experiences in the South Pacific, he returned 19 to Missouri and spent over 60 years crating a family farm 20 from zero. 21 The Ameren utility company has proposed 22 building a power line in a diagonal across 100 acres of the 23 best farmland that my parents own. This power line will 24 not follow the boundary lines of their property. 25 will greatly hinder any future farming activities and will

greatly reduce the farm's market value.

2

3 4

5

6 7

8

9

10

11

12

13

14 15

16

17

18 19

20

21

22 23

24

25

This farmland is currently enrolled in a federal Conservation Reserve Program. We have been advised that my parents cannot sell these acres or sell an easement on them unless the future owner will agree to maintain that property in a manner that satisfies the current agreement between my parents and the federal government. Otherwi se, my parents may be liable to repay the government for years of CRP payments. There's no indication that Ameren intends to maintain any easement in a manner that will satisfy a CRP agreement.

This also crosses my parents' pastureland. This grassland provides substantial grazing rental revenue, and an Ameren representative has informed those with grazing operations that they will just have to move their We do not have anyplace to move cows to. Ameren's proposed actions will result in shutting down my parents' grazing rental operations with no compensation for lost revenue.

This property also produces a substantial amount of contracted hunting revenue. This hunting business is a result of 30 years of a substantial investment in hunting cabins and advertising. Hunting clients arrive from all over the United States and book hunts months in advance. This power line project will

disturb the wildlife and hunters will be reluctant to continue to book hunts near a construction project or spend hours under or near high power voltage lines.

My parents must currently meet very substantial nursing home expenses from the farming, grazing, and hunting revenues their farm produces. If these revenue streams are reduced or interrupted, my parents may not be able to pay for their care. This may result in forcing them to sell this farm. The proceeds from the sale of the farm will be greatly reduced as a result of the existence of the power line. This project will place a very heavy financial burden on my parents.

It is my understanding that the Ameren company has recently made the argument that their subsidiary construction company will be building this power line. As a result, they did not have to have permission from the Missouri Public Service Commission to begin construction. Ameren argued that the utility line was not being built by a utility company.

The subsidiary company was at the same time informing Missouri citizens that they were a utility company and that entitled them to the power of eminent domain. A leading easement attorney observed that the same company was declaring that it was and was not a utility company in order to victimize Missouri citizens like my

elderly parents.

The best argument that this power line is not necessary is demonstrated by the actions of the Ameren company itself. If they thought this power line was necessary, why did they not respect the rights of Missouri citizens, follow established procedures, and make an honest, straightforward presentation to the Missouri Public Service Commission in the first place instead of being forced to?

The elected officials of five Missouri counties, including this one, have passed resolutions opposing the construction of this power line. They have refused to grant permission to allow the utility line to cross their counties.

They will not respect the rights of those
Missouri counties and their officials in addition to not
respecting the rights of the Missouri citizens under or
near the proposed utility lines. Please review this
project carefully and prevent construction of this
unnecessary Mark Twain Transmission Project. Thanks a lot
for your time.

(Appl ause.)

JUDGE PRIDGIN: Mr. Sidwell, thank you. Frank

24 Miller.

(Wi tness sworn.)

JUDGE PRIDGIN: Thank you, sir. If you would, please, state and spell your name for the court reporter and give your testimony.

MR. MILLER: Frank Miller, F-r-a-n-k
M-i-l-l-e-r. I'm a landowner that will be affected by the
Mark Twain Transmission Line. We have a farm just about
three miles east of here.

I oppose the power line because I believe it is not in our best interest, not as landowners or the public in general. Missourians will not benefit from the power line coming through our state. There are risk involved to farmers and livestock from possible stray voltage that need to be avoided.

The Ameren Transmission Line of Illinois or ATXI has shown a lack of respect and integrity to landowners by wanting to have eminent domain enforced on us if we refuse to allow them access to our land. They tell us that they will compensate us for use of our land, but there's no amount of compensation that will make up for the destruction of farmable land this power line will create.

The power line will not only destroy some of our farmable ground, but it will also go through a wooded creek bottom on our farm that will disrupt wildlife and prime hunting that my family has enjoyed for generations.

I'd also like to know a monetary amount this

power line would have on property values. Our farm has 1 2 been in our family for over 160 years, and we've seen seven 3 generations living on it. I have no plans to ever sell 4 this farm, but if we had to, I don't want to have to settle 5 for a low amount due to a high voltage power line running 6 through it. I ask the commissioners of the Public Service 7 8 Commission to help us, and I want to thank the 9 commissioners for their time and consideration on this 10 matter. I also want to thank the attorneys and the many 11 people of Neighbors United who are helping us to voice our 12 opposition to the Mark Twain transmission project. 13 (Appl ause.) 14 JUDGE PRIDGIN: Mr. Miller, thank you. Sharon 15 Johns. 16 (Witness sworn.) 17 JUDGE PRIDGIN: Thank you, ma'am. If you 18 would, please, state and spell your name, and then you may 19 give your testimony. 20 MS. JOHNS: Sharon Johns, S-h-a-r-o-n 21 J-o-h-n-s. I live three miles east of Queen City where my 22 husband and myself purchased four acres of land from his 23 family to build a new home in 1978. Now ATXI's proposed 24 345,000 volt power line is to run approximately 1,200 feet 25 from our home. The same line is proposed also to run

approximately 118 foot from the farmhouse and through our 50-year-old farm.

Our son and daughter-in-law and our four-year-old granddaughter did live in that house and was considering buying land east of the farmhouse and building a new home on the family farm somewhere in the future. The area that they are considering is right where ATXI's proposed power line was proposed to go.

After much thought and research, they decided to abandon the idea of continuing to live on the family farm next to us and here in Schuyler County, and they bought a home and moved. This is now the empty farmhouse that I look at every day. They didn't want -- they did not want to live on the family farm home or build a new home on the farm with the chance of the high voltage power line running next to their living room, their bedrooms, or through their home.

After family had met with Ameren and wrote

letters to Ameren, a second proposal line was shown to go

west of our homes. This would be further from our homes,

but it would still affect our farmland and a large pond.

A big concern on every letter or map that we have received is a statement that reads that lines can be moved at any time once these lines are being built. These proposed lines are not set in stone, and it just shows that

ATXI could do whatever they want once they start to build.

And this is what is on the bottom of most everything: "The information provided on this map is for discussion purposes only. ATXI is not bound in any way to representations reflected on this map. This map does not represent a final determination by ATXI as a route selection, and ATXI is not restricted or barred from modifying or deviating from the routes proposed or considering new or different routes. All routes are subject to change."

ATXI has already pushed our son and his family off the farm related to possible health effects that are possible from the stray voltage from the lines and the possibility that the line was going to run near the home or through their home.

Now when I drive through there every day, I look at this swing set that hasn't been touched since they moved. There's grass grown up over the slide and over the swings.

Please do not give ATXI the right to construct the 345,000 voltage power line on or near our farmhouse or across or through our 50-year-old farm by breaking it up or taking our farmland that has been passed down from generation to generation, destroying our land and taking it out of production. Also, these things will lower property

1 values from maybe 30 to 40 percent. 2 It is just not our family farm that we are 3 concerned about. It is all the other farms that would be 4 affected through their approximate 100-mile high voltage 5 proposed power line to run through the five counties of 6 Missouri. 7 The lines are not wanted and they are not 8 needed. These lines are not in the public interest. Thi s 9 has already been shown before, and now through clear 10 messages from landowners and elected county commissioners 11 in all five counties. Please listen to all of our 12 community. Please deny ATXI the right to construct these 13 They're not wanted or needed. Thank you. lines. 14 (Appl ause.) 15 JUDGE PRIDGIN: Ms. Johns, thank you. Randy 16 Johns. 17 MS. JOHNS: I would also like to speak for my 18 He was unable to make it back from a trip. son. 19 JUDGE PRIDGIN: Certainly, when you're ready. 20 You're still under oath. 21 MS. JOHNS: This is Matt Johns and this is his 22 daughter, four-year-old daughter who's now in kindergarten. 23 He says, Today I want to speak out against the 24 Mark Twain Transmission Line project. I would like anyone 25 who can help stop the power line from being forced through

Al though

1 our land to stop and think about the devastating impact 2 that it can have on the lives of the farmers, landowners, 3 families, and communities that stand in its path. 4 the fight to stop the high voltage line is still ongoing, I 5 can attest to the life altering decisions that many of us 6 may have to make if Ameren is able to force their way 7 through our land.

8

9

10

11

12

13

14

15

16

17

18

19

20

21

22

23

24

25

In 2'09 my wife and I just found out that we were going to have a baby girl. Living in a small two-bedroom home and realizing that we were going to have to have a bigger home, we were very fortunate to find out that we were able to move back to our family farm, the same farm where my grandparents had raised their family, the same home that I had spent many summer days playing in the yard with family, going to family dinners, and working alongside my father, my grandfather, and my brothers, the same home that was just over the hill from my parents. house that had given me so many childhood memories would

Unfortunately, the dream of raising my family on the farm that I had grown up on abruptly ended. daughter was soon due to start kindergarten, we learned of the plans to bring Mark Twain Transmission Line through northeast Missouri and possibly on our land. details were unveiled to the public, we learned that the

soon be a place that my family would make its own memories.

high voltage transmission line project would go straight down the middle of the farm. The projected route will split our land in half. The map showed the power line running through my favorite front yard with its allotted easement giving Ameren the right to do what they want dangerously close to my home.

As we learned more details of what the transmission line would be like, the amount of land it would consume, the possible health-related and economic effects that it could have, and not wanting to raise our child under the umbrella of Ameren's transmission line, my wife and I made the difficult decision to leave the farm and home that we had hoped to live and raise our daughter on. It was very difficult for us to leave our home, but we felt the possibility of having to live next to such high voltage power line gave us no choice.

My story is only one example of how just the very threat of having such a power line forced on our land can negatively impact an individual's life and well-being. I want to take time to thank everyone involved with Neighbors United for everything that they have done to oppose the Mark Twain Transmission Line, and I plead with anybody who has the power to or can in any way help to stop this transmission line to ask them, What if this was my land? What if this was my home? What if this was my

1	family?
2	Please say no to the Mark Twain Transmission
3	Line project. Thank you for your time. Matt Johns.
4	(Appl ause.)
5	JUDGE PRIDGIN: Ms. Johns, thank you. We'll
6	mark that as Exhibit 2.
7	(Exhibit 2 was marked for identification.)
8	JUDGE PRIDGIN: Randy Johns.
9	(Wi tness sworn.)
10	JUDGE PRIDGIN: Thank you, sir. Please state
11	and spell your name for the court reporter, and you may
12	give your testimony.
13	MR. JOHNS: My name is Randy Johns. Capital
14	R-a-n-d-y, capital J-o-h-n-s. I'm representing the Johns
15	Family Trust here tonight which includes myself, the eldest
16	of eight children, 39 grandchildren, great-grandchildren,
17	and one great-great-grandchildren of my parents, who have
18	passed.
19	We have owned the farm over 50 years. It's in
20	East Prairie Township, Section 31, two and a half to three
21	miles east of Queen City. We grow corn, soy beans, wheat,
22	oats, and have raised cattle and hogs also.
23	This line originally, as my wife just said,
24	was to come within 118 to 121 feet this is Ameren's
25	measurements the easement 43 foot to 46 foot from my

they've had to leave due to reading about health reasons to

granddaughter's bedroom window, and as you've heard,

1 2 3

4

5 6

7 8

9

11

10

12 13

14 15

16

17 18

19 20

21 22

23 24

25

her.

Our farming practices we feel will be endangered by not being able to use the GPS systems and other electronic monitoring systems and the large tractors, the combine, sprayers, planter, and so forth, and also air applications occasionally when they've been needed.

We're also worried about the compaction that will come from putting these lines in and also navigating around these poles with large equipment. As my wife stated, ATXI to their credit, I guess, says that they may go down now to the west side of our property, which will still impact the same ways on our equipment and our farming practices.

It will also go over a large pond which we use for livestock water and also recreation of some of those 60-some people that are in our family trust, fishing and swimming mostly, and like I said, still affect the same farming practices.

On the south end of our farm is CRP, which either one of these lines would go through, and it's going to limit our conservation practices. It will limit, as I understand it, one of them which is controlled burning on the grasses and so forth. Also, we are required by the

3

4

5

6

7 8

9 10

11

12 13

14

15

16 17

18

19

20 21

22

23

24 25

contract to plant two different wildlife plots on this CRP acreage, and we have to maintain them and plant them every year, and we wonder how this is going to affect this Conservation Reserve Program.

I've farmed this farm with my father until he passed several years ago. I came back from another job after going to college in 1976 and farmed it until two years ago and I rented it to a neighbor and he also has three other farms this line's coming through. He was unable to be here tonight, but he hopes he'll be in Adair tomorrow to speak, but these lines are going to affect his equipment. They are affecting the same as it would ours, I quess.

He's worried about maybe the rents maybe having to come down and I am, too, because that's the income we are paying the bills for my folks staying in the nursing home for five or six years. It's going to -- and also he'll have the same problems with the compaction and navigating around poles.

We feel there's little benefit to Missouri, especially northeast Missouri, for this line. It will affect all of the people coming through it in very adverse We wonder how an out-of-state business and product ways. could cause such proposed damage to our lives and our properties, and we please ask you not to allow this line to

go across our farms here in northeast Missouri in all five 1 of these counties. Thank you for your consideration. 2 3 (Appl ause.) 4 JUDGE PRIDGIN: Mr. Johns, thank you. The 5 next name is crossed out. Let me double-check. Deborah 6 Games? 7 MS. GAMES: I'm going to pass. 8 JUDGE PRIDGIN: Thank you, ma'am. John Hoffmann. 9 10 (Witness sworn.) 11 JUDGE PRIDGIN: Please state and spell your 12 name. Then you may give your testimony. 13 MR. HOFFMAN: I'm John Hoffmann, J-o-h-n 14 H-o-f-f-m-a-n-n. What is it you want? 15 JUDGE PRIDGIN: That's it. Whatever comments 16 you have for the Commission, sir. 17 MR. HOFFMANN: All right. My property is 18 going to be crossed by the power line and it's therefore 19 impacted directly. This land has been in my family. For 20 about 150 years, there's been a Hoffmann living on this 21 property. 22 I'm opposed to the MTTP for the following 23 reasons: Number one, I think it violates Missouri's Right 24 to Farm laws and is going to incur farm losses, on my farm 25 in particular.

3

4

5

6 7

8 9

10

11

12

13 14

15

16 17

18

19

20 21

22

23 24

25

I'm concerned that the high voltage power line may offer hazards to our cattle in terms of long-term health from high voltage exposure and from the possibility of stray voltage leaking from the overhead lines.

I'm concerned that the stature of the towers to the power line will inhibit my ability to mow pastures or put pastures up for hay due to the fact that I would have to maneuver around the towers. This would cost us money in terms of increased use of fuel and in terms of increased repairs due to accidental collision with the power towers. It's possible. I'm not a sloppy driver, but it could happen.

The use of the land of the towers will take land that we will never be able to use again. This will be a total loss for our family forever, and the so-called remuneration for the loss of this land cannot possibly compensate us for the loss long-term.

I'm concerned that the pesticides that may be used to control vegetation near the towers, the power lines, will run off into the nearby creek which our cattle use as a major source of water. Drinking polluted water may result in either loss of vigor of the livestock or outright death due to poisoning, depending on what is being This will cost us money and reduce our income. used.

I'm concerned that the power line will cause

decreased property values for the entire farm, which is one contiguous tract. History shows us that power lines crossing property tends to cause loss in property value. I don't intend to sell this property ever, but if my ancestors or my -- not ancestors, but my people who follow me decide to do so, it's going to impact their ability to get a fair value.

I don't think the MTTP is in the public

interest. There's no demonstrated public need for the power line, as Missouri's power use, as I understand it, has declined in recent years. The advent of alternative distributed sources of electricity make it likely that once built the power line will never be needed. The time is near when individuals will be able to meet their own electricity needs. The fact that the public will be expected to pay for such a high-cost project that is of such little use makes the entire project problematic.

This looks like a classic case in which a public-private partnership results in a private company, ATXI, milking taxpayers and rate payers of moneys in order to receive a profit for its shareholders without concern for the impact on the public.

Who will be left holding the bag for MTTP once it's built? Who will have to pay for it as well? Who takes responsibility for it if it's then decided not to use

Ŭ

it? What are the plans for decommissioning it? Who pays for that?

I believe the use of the eminent domain, which you say you have nothing to do with, should be reserved for the federal and state government's use for projects that are critical for public use, such as roads. The use of eminent domain to confiscate land for the enrichment of a corporation is unsound. It will establish a precedent in Missouri that will make it difficult for Missouri to deny any corporation the taking of land from private landowners. The property rights --

(Appl ause.)

I andowners must take precedence over the rights of any corporation. A corporation exists only to make money for its shareholders or owners. They care nothing for people. They care nothing for clean air, clean water, or land. Why should their right to make a profit from the use of our land trump our rights to use the same land that we've cared for and owned for 150 years?

If a power line must be built, instead of confiscating land for a corporation's use, the power line should follow existing easements, property lines, and roads. The community is overwhelmingly opposed to the MTTP, which as is demonstrated by the fact that none of the

1 county commissions have approved the line. 2 We ask for your help in stopping this 3 unnecessary power line project. It's incumbent on you to 4 look out for our interests as well as the rest of the 5 public. This Commission is our best hope for stopping this 6 great wrong about to be done to the public. 7 Because the MTTP is not in the public interest 8 and letting it go forward would allow wrongful use of 9 eminent domain, please deny ATXI's application for a certificate of convenience and necessity. Thank you. 10 11 That's all my comments. 12 (Appl ause). 13 JUDGE PRIDGIN: Mr. Hoffmann, thank you. 14 Connie Hoffmann. 15 (Witness sworn.) 16 JUDGE PRIDGIN: Thank you, ma'am. PI ease 17 state and spell your name, and you may give your testimony. 18 MS. HOFFMANN: Connie, C-o-n-n-i-e, Hoffmann, 19 H-o-f-f-m-a-n-n. We are concerned that the high voltage 20 power line may offer hazards to our cattle in terms of 21 their long-term health from the high voltage exposure and 22 to the possibility of stray voltage leaking from the overhead lines. 23 The use of the land for towers will take land 24 25 that we will never be able to use again. This will be a

total loss for our family forever, and the so-called money 1 2 for the loss of that land cannot compensate us for this 3 loss in the long-term. 4 We are concerned that the use of pesticides to 5 control vegetation near the towers and the power lines will 6 run off into nearby creeks which our cattle use as a major 7 source of water. We are concerned that the power line will 8 cause decreased property values for the entire farm. 9 believe the MTTP violates Missouri's farm laws and will 10 incur farm Losses. 11 Instead of confiscating land for the 12 corporation's use, the power line should instead follow 13 existing easements, property lines, and roads. We ask for 14 your help in stopping this unnecessary power line. 15 this power line is not in the public interest, please deny 16 ATXI's application for a certificate for convenience and 17 necessity. Thank you. 18 (Appl ause.) 19 JUDGE PRIDGIN: Ms. Hoffmann, thank you. 20 Tammy Wheeler. 21 (Witness sworn.) 22 JUDGE PRIDGIN: Thank you, ma'am. PI ease 23 state and spell your name for the court reporter, and then you may testify. 24 25 MS. WHEELER: My name is Tammy Wheeler,

T-a-m-m-y W-h-e-e-l-e-r. I am here in opposition to the proposed transmission line. I live in rural Glenwood, Missouri, and the proposed high voltage power line will travel through a corner piece of our farm property.

To tell my story, I have to go back to 1994. At that time we lived inside the city limits of Queen City, Missouri, on the main road at that. It was late in the summer. We had a 5- or 6-month-old at home teething, didn't sleep all night. Finally get him to sleep, a car drag races through town very loudly, wakes the baby. I gave my husband an ultimatum: We either need to go to the peace and quiet of the country or soundproof the house.

Long story short, we are now the owners of 300 acres that we bought that same year 21 years ago. My husband has diligently worked with both livestock and row crop on the farm along with his full-time day job. In 2002, we constructed our lifetime home on that farm. Once again, we chose this life for the peace, quiet, and beauty offered in the country. We get to watch deer, birds, including bald eagles, hear the hoot owls and eerie howling of coyotes in the night.

Well, does that American dream include a for-profit, publicly traded company to be able to claim a right of way for high voltage access to another state at that? Does

1	that dream include corporations having more rights than the
2	private landowners?
3	I know that electricity is a staple of today's
4	lifestyle and would not want to live without it, but the
5	thought of creating new routes instead of using existing
6	routes just seems wrong.
7	I would also like to note that I have been
8	diagnosed with rheumatoid arthritis. While it is under
9	control, I wonder what the increased EMFs would do for my
10	disease. And while this is not a proven fact, I know
11	several families in the area I work in that have lost loved
12	ones to cancer. Each of these men farmed under high
13	voltage power lines. Can that be a correlation? Maybe;
14	maybe not. But I don't want to take that risk with my
15	family.
16	I would like to close my statement with a
17	quote from the Declaration of Independence: "We hold these
18	truths to be self-evident that all men are created equal,
19	that they are endowed by their Creator with certain
20	inalienable Rights, that among these are Life, Liberty, and
21	the pursuit of Happiness."
22	I think you've heard a lot of happiness
23	stori es toni ght. Thank you.
24	(Appl ause.)
25	JUDGE PRIDGIN: Ms. Wheeler excuse me.

1 Yes, Ms. Wheeler. Thank you. Charles Wheeler. 2 (Witness sworn.) 3 JUDGE PRIDGIN: Thank you, sir. Please state 4 and spell your name for the court reporter, and then you 5 may give your testimony. 6 MR. WHEELER: My name is Charles Wheeler, 7 C-h-a-r-l-e-s W-h-e-e-l-e-r. I'm here tonight in two 8 rol es. 9 First, I'm the vice president of the 10 Adair-Schuyler County Farm Bureaus. As a member 11 organization consisting of more than 275 members in 12 Schuyler County, we would like to state that we are 13 unanimously opposed to the Mark Twain Transmission Project. 14 The reasons are varied, and many of them are being voiced 15 here this evening. We believe that all of these reasons 16 are valid reasons for not allowing this project, and we 17 welcome your consideration to that fact. 18 On a personal level as a landowner, I have 19 concerns as many have voiced already of environmental 20 impact, specifically erosion on my land due to destroying 21 established trees and grass on highly erodible soils; the 22 impact of easements on CRP ground and maintenance; health 23 and safety of working around these lines; and the 24 limitations that these lines are going to impose on us in 25 the future. Thank you.

1	JUDGE PRIDGIN: Mr. Wheeler, thank you. Andy
2	Canopy.
3	(Wi tness sworn.)
4	JUDGE PRIDGIN: Thank you, sir. Please state
5	and spell your name for the court reporter, and then you
6	may give your testimony.
7	MR. CANOPY: Andy Canopy, A-n-d-y C-a-n-o-p-y.
8	I'm an engineer. Let me disclose that Ameren is a client
9	of ours, not for this project but for other projects. My
10	experience and observation with Ameren shows that they take
11	the responsibilities for environmental stewardship
12	seriously. They meet or exceed their commitments made to
13	affected landowners. In addition to the construction jobs
14	mentioned earlier, the engineering design services will
15	bring revenue to the area, in our estimate, approximately
16	20,000 to 30,000 man-hours. Thank you.
17	JUDGE PRIDGIN: Mr. Canopy, thank you. Jean
18	Si dwell.
19	(Wi tness sworn.)
20	JUDGE PRIDGIN: Thank you so much. Please
21	state and spell your name for the court reporter, and then
22	you may give your testimony.
23	MS. SIDWELL: Yes, my name is Jean, J-e-a-n,
24	Sidwell, S-i-d-w-e-l-l. First of all, I want to thank the
25	members of the Public Service Commission for the

opportunity to testify for this proposed unnecessary Mark Twain Transmission Project. I, too, am a trustee of the Johns Family Trust. My brother and sister-in-law have already been up here testifying, but I would like to testify also on behalf of myself and our other family members.

My father, Bill Johns, was a World War II veteran and he devoted over 50 years of his life to this property. My parents and their family of eight children labored to provide a living by growing food for Missouri citizens and for our nation. The power line that Ameren proposed cuts diagonally across my father's best farmland.

When we were invited to one of the Ameren meetings to look at where the proposed line would go across our property, the edge of the easement of the power line on their map that they provided was located within 50 feet of the farmhouse where a four-year-old and her parents were living. The representative, Ameren representative, was not even aware at this time that that was -- that that building was the farmhouse. Studies have indicated that there is a connection between the exposure of high voltage power lines and childhood leukemia.

I also believe that this project will violate our Missouri Right to Farm laws and devalue our Missouri farmland. Studies have indicated that the reduction in

property values could be as great as 50 percent. 1 2 Five Missouri counties, including ours, have 3 issued resolutions indicating that they are opposed to this 4 Ameren has indicated that they intend to ignore 5 these resolutions. They have repeatedly stated that they 6 intend to use the power of eminent domain to run over our 7 Missouri citizens. Please help protect us from this 8 unnecessary power line that will result in more harm than 9 benefits to Missouri citizens. 10 (Appl ause.) 11 JUDGE PRIDGIN: Ms. Sidwell, thank you. 12 Victoria Albright. 13 MS. ALBRIGHT: I request an affirmation. 14 JUDGE PRIDGIN: Certainly. 15 (Witness affirmed.) 16 JUDGE PRIDGIN: Thank you so much. Please 17 state and spell your name for the court reporter, and then 18 you may give your testimony. 19 MS. ALBRIGHT: My name is Victoria Albright, 20 V-i-c-t-o-r-i-a A-I-b-r-i-q-h-t. Eight years ago I moved 21 to northeast Missouri to be close to my daughter and her 22 husband when they bought a farm on Frontier Lane in Adair 23 County. They have two young daughters, and other families 24 along the proposed route of the high voltage power line 25 also have young children. In fact, my granddaughter and

another seven-year-old attend a cooperative home school operation that will be a thousand feet from the power line.

I'm here as a public health professional, a grandmother, and a concerned member of the community to speak for the families with young children, those already born and those who will be born over the coming decades. If the proposed power line is built along this route, those children will grow up with a significantly higher risk of developing childhood leukemia and other problems than their peers.

Although not all medical research agrees with that conclusion, Dr. David Carpenter, Dean of the School of Public Health in New York, states that up to 30 percent of all childhood cancers come from high exposure to high power -- high voltage power lines. And the California Department of Health concluded that EMFs were responsible for an increase in childhood leukemia, adult brain cancer, Lou Gehrig's disease, and miscarriage.

So although not all medical research supports the same conclusions, that's the case in almost every field. The fact remains that many of these epidemiological studies specifically link high voltage power lines to brain tumors, leukemia, birth defects, and lymphoma. This is a risk we cannot take with our children. I urge the Commissioners to protect the health of our children and

1	deny Ameren's request to build the high voltage power line
2	through northeast Missouri. Thank you.
3	(Appl ause.)
4	JUDGE PRIDGIN: Ms. Albright, thank you.
5	Stephen Byers.
6	(Witness sworn.)
7	JUDGE PRIDGIN: Thank you, sir. Please state
8	and spell your name for the court reporter, and then you
9	may testify.
10	MR. BYERS: Stephen Byers, S-t-e-p-h-e-n
11	B-y-e-r-s. I'd like to donate my time to Julia Jack-Scott,
12	the next speaker.
13	JUDGE PRIDGIN: Very good. Thank you, sir.
14	Julia Jack-Scott.
15	(Wi tness sworn.)
16	JUDGE PRIDGIN: Thank you. Please state and
17	spell your name for the court reporter, and then you may
18	testi fy.
19	MS. JACK-SCOTT: My name is Julia Jack-Scott.
20	That's J-u-l-i-a J-a-c-k hyphen S-c-o-t-t. I'm a landowner
21	in Adair County.
22	I would like to speak about two things that
23	are very precious to me that have been weighing on my mind
24	and heart. The first is the house that my husband and I
25	have been building for the past four years. We bought 20

acres of land and have been building our dream home out of natural materials like straw bales and a timber frame selectively cut from our timber forest. We have built our house entirely ourselves, and we are a month away from moving in.

We have learned a lot of things in the process of building our house. For example, what happens when you dig a hole into Missouri ground. Right below a thin layer of fertile topsoil, you hit solid clay.

What happens when you remove 37 cubic yards of clay from a foundation hole? You have a small mountain of clay, 15 feet high, sitting on top of your fertile topsoil. What do you do with it then? We made a terraced patio next to our house with ours, but I imagine the farmers in this room wouldn't appreciate a terraced patio in the middle of their fields.

The farmers here can tell you what will happen if you spread out that clay with heavy machinery: compaction and a deadpan layer that prevents water percolation and crop growth. It takes years to undo damage like that.

My husband and I made the decision to be off the grid entirely with our house, so we have solar panels for electricity and rain water catchment for our water. This decision was motivated by the fact that the electrical

grid and water main do not extend to our land and we didn't want a line of trees cut to extend it to us.

Although living off the grid may seem like a radical thing to do, in this part of Missouri it's not unusual. Nine out of eleven houses on my road are off the grid, whether because they are Amish or running on alternative energy like us.

Is it fair to ask off-the-grid communities to shoulder the burden of a 345,000 volt line on their land? Home or community scale solar and wind are viable energy alternatives that cost a fraction of what a transmission line would cost and put that power in the hands of people and communities instead of corporations.

In addition to our house, my husband and I have planted seeds for a future we hope to have living off of the land. We had a pond dug and we planted an orchard of fruit and nut trees. We put in gardens. We have planted hundreds of trees altogether. We have plans to start a small honey farm with honey bees, hoping to pollinate the orchard and wild flowers that surround our land.

Then we received a letter from ATXI stating their intentions to run a transmission line just north of our property. In one corner, the line will be 75 feet from our woods, clear-cutting our neighbor's woods right up to

the first tree on our land. Because our acreage is small, this means that we will be living right next to a 345,000 volt line and not seeing a penny in compensation for it.

This means we cannot have bees and a honey farm because the electromagnetic field from a high voltage line scrambles their navigation senses and leads to colony collapse disorder. This means our plans for farming income from honey are on hold.

Our neighbor to the north owns a beautiful piece of land that is currently in CRP. She is an elderly woman who is not able to understand what ATXI was proposing to do with her land when I called to try to explain it to her. She will owe money to the CR Program for breaking contract with them if she signs any easement agreement with ATXI.

Will she be able to understand what is going on then? The proposed route runs diagonally through her land and would clear-cut some beautiful old hardwood forest and crosses through a biodiverse marshy creek area.

Our house would be 900 feet from the line if it goes through, and that brings me to the second precious thing that I feel is threatened by this proposed line; that is, the baby I carry inside of me. When we found out about the line, my husband and I were concerned since a year ago we had plans to start our family. When I talked to the

ATXI health representative at the open house, she laughed off my concerns, putting them down with a statement, There are no proven health effects, acting as if I was ridiculous to even be concerned.

Our Neighbors United group decided to form a committee to research health impacts. It may not surprise you to know that this volunteer committee was entirely composed of mothers, most with health backgrounds. We decided to not just read what could be found online but to pull studies through A.T. Still University's medical library.

Medical studies are not the latest reading, but I read all the ones we found. They pointed again and again to findings of increased rates of a form of cancer, leukemia, in young children living near high voltage transmission lines like this one. They said that there needs to be more research conducted on this issue, but the pattern of childhood cancer is disturbing and noteworthy, up to a 70 percent increased rate.

The World Health Organization also released a multiple hundred page publication synthesizing all research conducted on the health effects of EMFs. I read all of that as well. It also points to the increased risk of leukemia in children living near high voltage lines. They mentioned the International Agency for Research on Cancer's

classification of EMFs from high voltage lines as a possible carcinogen. This is the same classification that IARC gives cigarettes because of their link to lung cancer. They are both possible carcinogens.

findings and classifications as inconclusive, but I don't have the same luxury as the ATXI representative who laughed at my concerns. I have a baby growing inside of me. So the question that keeps me up night after night is, Do I raise a child in close proximity to a high voltage line or do we leave the house that we worked so hard to build and the trees and the gardens we have planted and all of our dreams for a life on our land so that we will never have to hold a sick child, regretting we made the wrong decision?

I know we are not alone in our fears. Within one mile of us, there are nine children, all being home schooled. The closest four are living within several hundred feet of the proposed line. I know this same decision keeps their parents up nights worrying, too. There are many, many children living near this proposed line. It is incredibly unfair for us to be put in this position.

Dr. Dennis Smith said it best when he said,
"No one should be forced to expose their family to
something they fear on the land that they privately own and

have toiled to earn."

(Appl ause.)

MS. JACK-SCOTT: We thought if we explained to the ATXI reps how close the transmission line came to the homes of children, they would take action to re-route the line a safe distance away. After all, they keep telling us that if we work with them, they would make changes to the route. But we were wrong.

We submitted our information at their computer stations and asked them to go around our homes and farms, but nothing changed. We suggested alternatives, running the line along rarely used highways or along land they already own, but they made excuses. It is a choice they seem to have already made, the shortest distance between points A and B, no matter how many farms are impacted or how close to homes.

The disregard for our concerns has not ended there. At open houses, ATXI shuffled us through their stations, telling us their propaganda. For example, that our property values could increase. Contrast that to the reality of my neighbor, Brent Coursey, who for the last year has been trying to sell his beautiful home and land with orchards, pasture, and woods. His last three interested buyers have all backed out at the last minute after they have learned about the potential of this

1

3

4 5

6

7

8

9 10

11

12

13 14

15 16

17

18

19

20 21

22

23 24

25

transmission line crossing through his land. That is the reality we are facing.

ATXI has lied about tax revenue from this They went on local news stations reporting inflated sums of money that our counties will receive in tax revenue from this line and then immediately afterward privately admitted to county commissioners that the revenue amounts will be much lower. How much lower than that will the actual sums be? And what is it worth to get money for our schools if even one child gets leukemia because of the Line?

ATXI's PR campaign keeps promising hundreds of jobs and energy reliability for Missouri, but read the fine print and you will see that they only hire union workers. How many union workers do we have in northeast Missouri? I don't think there are any. These jobs, probably far less in number, will be coming from out of state or from big There will be little economic benefit to our local ci ti es. economi es.

And energy reliability, Ameren EU's president already stated during a public question and answer period that Missouri doesn't need the energy from this line. That is before he was hushed up by ATXI and he retracted his statement.

The simple fact of the matter is that Ameren

can make a higher rate of profit by building transmission 1 2 line, pure and simple. That is why this line is in 3 process, not because the energy is needed, not because of 4 This line is not in the public interest and 5 certainly not in the interest of my family. It is in 6 Ameren's shareholders' interest. Unfortunately, our lives 7 and livelihoods hang in the balance of this decision. We 8 ask you to give us fair consideration in your decision. 9 Please deny ATXI their certificate for convenience and 10 necessity. Thank you. 11 (Appl ause.) 12 JUDGE PRIDGIN: Thank you for your testimony. 13 The next witness is Keith Kerby. 14 (Witness sworn.) 15 JUDGE PRIDGIN: Thank you, sir. Please state 16 and spell your name for the court reporter, and then you 17 may testify. 18 MR. KERBY: Keith Kerby, K-e-i-t-h K-e-r-b-y. 19 This morning my wife and I were sitting at our kitchen 20 table looking out our windows to the west, and there's some 21 tree-covered hills there that we always enjoy. In the 22 springtime, we judge when the leaves come out. In the 23 fall, we enjoy the colors. So hold that thought a minute. 24 On the west side of my property is a Missouri 25 Ameren transmission line. It runs from -- it starts into

Iowa, but it starts at the Missouri-Iowa border and runs to 1 2 Kirksville to Missouri in the area of Kirksville, Missouri, 3 and the engineers who picked that route understood the 4 concept of the shortest distance between points -- two 5 points is a straight line. 6 Now, Ameren Illinois is also starting at the 7 Iowa line and parallels the Missouri transmission line, but 8 about four miles south of that line, they decide to go turn 9 to the southeast, and as a result of that, they come 10 through my farm and through those trees that we greatly enjoy, and all of those will be destroyed. 11 12 It continues on through my meadows and my land 13 that we farm and some CRP land. This also runs relatively 14 close to our house, and my wife has a heart problem, has a 15 defibrillator. We're afraid it might interfere with that. 16 So, I believe that's all I have to say. Thank you. 17 (Appl ause.) 18 JUDGE PRIDGIN: All right, Mr. Kerby, thank 19 The next name I believe is Tandy Hawkins. I believe you. 20 I'm reading that correctly. 21 (Witness sworn.) 22 Thank you, sir. Please state JUDGE PRIDGIN: 23 and spell your name for the court reporter, and then you 24 may testify. 25 MR. HAWKINS: My name is Tandy Hawkins,

T-a-n-d-y, Hawkins, H-a-w-k-i-n-s. I might mention I'm here to speak -- I was at the Shelby County meeting, but I have a different -- I talked more on health last time.

Today I need to talk on economics on how it affects our farm, and I have a brother that could not be here because of sickness at the Shelby County meeting and he's on a trip to a conference out east this week, so I might need a few extra minutes to take care of that.

First of all, as I stand here listening tonight, we are hearing a few pro things for the Ameren folks, specifically the gentleman from Centralia who works for them and has a lot of employees. Also, there are contractors here that have jobs that they can earn money from from working for Ameren.

Now, I can't help -- as I sit here, I can't help but believe that there are -- I've heard that there are other possibilities to get power across Missouri besides this Ameren line. In other words, there are existing 161's and there's also right of ways that already are owned or used by the power companies, and it is my belief that these things could be used and it would stimulate the jobs for those who need it. It would not hurt and maim so many farms and families across this great state. So I want to mention that as a possibility.

And as it adds jobs for those for a short one

or two-year period of time, it is also going to take jobs away from us as Missourians who farm because we can't do what we were planning to do with our farms.

At the Shelby County meeting, there were many people who spoke on the effects of this wide equipment, GPS, things like that, that it had affected on their row crop farms. Now, I'm a row crop farmer. It affects a lot of acres up and down the roads. Now, we don't have all that GPS stuff yet. We'd like to, but we can't afford it all at one time. However, it still does affect us directly as would occur in this particular year, so I want to read what I had wrote to -- and my son worked on here last night.

We raise crops, cattle, and hogs under
Ameren's proposed location for the 345,000 volt Mark Twain
Transmission Line in Shelby County, Missouri. In years of
high rain and humidity, additional nitrogen and/or
fungicide can be flown on crops to make up for adverse
weather impact. In 2015, a 40 to 50 dollar investment in
aerial nitrogen application yielded a 15 to 30 bushel yield
increase on corn in Shelby County.

At \$4.50 a bushel, it takes approximately 10 bushels per acre yield increase to break even with expenses. Yield increases of 15 to 30 bushels per acre are not uncommon. This leaves a 5 to 20 bushel profit above

variable costs or \$22.50 to \$90 per acre lost profit because of the Mark Twain Ameren Transmission Line if it would go through.

This loss extends beyond the line itself to include a substantial acreage in the no fly zone, a minimum of eight to ten acres, or on a one-quarter to a half-mile long tract, you know, and if it's a quarter by quarter mile tract or 40 acres, and if it crosses diagonally instead of perpendicularly, it may exclude aerial application on most of the field, thus costing the farmer much more.

The aerial applicator may not think that it is feasible to fly to our farm for a small, divided field, and even if they did -- we thought about this afterwards -- it may -- they'll put our field off till the last minute because they want to do the easy acres first, and those easy acres going on first may make mine be put on so late that it isn't as useful as to the larger, other acreages.

So on the straight line tract, it could cost \$900 a year. On the 40-acre diagonal type line, it may cost \$3,600 per year, and this is every year for the foreseeable future. Okay. Then -- so this is a great cost. This isn't counting GPS and all those other things.

Now I have another part here. The lost profit potential for a 345 kilovolts is very large for our outdoor, antibiotic-free natural pork farm. Outdoor

natural pork production systems and rotational grazing
systems for cattle are more complicated than many realize.
Perhaps that is why so few do it. They involve reliable electric fence, alleys, and water systems to maintain high production for profit.

We currently have three electric fences on site with at least a total of 12 planned across these tracts where Ameren plans to route their lines. We need to expand our livestock operation because I have a son that has come back to farm from the University of Missouri in 2012. We finally purchased this farm from our family so that we are free to go ahead and do these things that we've been planning for years.

And here's an example of our lost profit potential: Because of our outdoor farrowing systems and the use of hoop buildings, we have lots of little individual houses that were planned to be put right in this area, right where Ameren wants to go across, right across the ridge top of our farm where it's most ideally suited for our livestock; and so if we can't do this, then that means that we will lose the profit potential of approximately 1,200 hogs raised per year.

We've made a \$50 profit per year on our hogs this year. Part of the year it's greater than that and part of the year it's just that amount, but that 1,200

dollars of -- of hogs times \$50 per hog profit is \$60,000 annually that we will stand to lose, and this is so much higher than even irrigation farms that you folks want to go around.

Also, we have probably the replacement of

fence charges which could be -- on several tracts, this could be \$1,500 annually because our electric fence companies have told us that we will have chargers hurt because of these Ameren lines. I've checked with them personally, one of them out of Boonville, Missouri with Tru-Test. They sell others, too.

Also, I have -- it's going to make more management time because I have an employee that already has a pacemaker, and he says if Ameren comes through and he has to work underneath those lines, he will look for another job.

And so I am just trying to remind you all that this is a cost for us as Missouri farmers that is going to go on for many, many years, yet they -- they can talk about the jobs they'll help create for a while, but they will be helped if they -- if Ameren or someone else can use these existing power lines that are already here. I drove right under a 161 today coming up here, and they'll have to be upgraded sometime because they're going to rot down. So why not use them anyway?

Also, I -- this has already been a detriment for me and my family already. We've spent lots of time fighting this, learning about this already. It's hurting us terribly already, and so I'm just reminding everyone that I wish we could work together, use what's already there. Yeah, we might lose a little funny money from Washington DC because of all the tax credits and problems, and this is going on across our entire country and we need to get past that.

So anyway, this is my thoughts, and I am praying that we can get together on all these things and get this power where it needs to be without hurting so many people. Thank you for your time. We appreciate it.

(Appl ause.)

MR. HAWKINS: Also, I have a couple of things to give to them. I have letters that I wrote to Ameren back at Newark time. They told us it would help if we would write. We did. They went right ahead and sent it right through where they were going to anyway. It's my belief they already had that southern route picked out a long time ago, but I'm going to send this for you folks to read to prove my thought pattern on this.

(Appl ause.)

MR. HAWKINS: Also, we've been talking about the valuation of farms. Here's a study that my son looked

1	up months ago that talks about how this not only affects
2	the little sliver of land that this line is going to go
3	under but the entire farm, and that's what we're hearing
4	over and over again here tonight, so I'm going to hand this
5	to you to share. And maybe you have access to all of this
6	already, but I want to share it anyway. Thank you.
7	(Appl ause.)
8	JUDGE PRIDGIN: You could just hand those to
9	the court reporter, please. And that was a letter and a
10	study; is that correct?
11	MR. HAWKINS: Yes, a study and also two
12	personal letters stapled together that we have personally
13	written to Ameren months ago.
14	JUDGE PRIDGIN: All right. Thank you. we'll
15	just label the letters as Exhibit 3 and the study as
16	Exhi bi t 4, pl ease.
17	(Exhibit 3 and Exhibit 4 were marked for
18	i denti fi cati on.)
19	JUDGE PRIDGIN: And the next witness is
20	Margaret Hollenbeck.
21	MS. HOLLENBECK: Can I be affirmed, please?
22	JUDGE PRIDGIN: Sure.
23	(Wi tness affirmed.)
24	JUDGE PRIDGIN: Thank you. Please state your
25	name and spell it for the record, and then you may give

1 your testimony.

MS. HOLLENBECK: My name is Margaret

Hollenbeck, M-a-r-g-a-r-e-t H-o-l-l-e-n-b-e-c-k. I'm here
not only as a landowner but as a diversified farming
occupation. My husband and I are commercial beekeepers in
this area. We are the largest in northeast Missouri. We
have been producing honey -- well, my husband started back
in 1973. We have been producing commercially for over 30
years.

These high voltage lines will affect our bees in several counties in the area. We have several farmers that allow us to put our hives in this area that do run close to the line.

Not only does it affect our bees, but it also affects the farmers because our bees are no longer able to pollinate their crops. Pollination is very important for not only row crops but the grasses and hay also.

Bees, they navigate under magnetic fields that naturally occur in nature. There's magnetic forces in nature, but whenever you add the EMFs of these high voltage lines, it does confuse them. Therefore, they get lost, unable to pollinate the crops, unable to produce honey for us, which we supply to not only Missourians, but all across the country.

We sell honey all over the country. We sell

1
 2
 3

in Illinois at some of their local grocery stores in Illinois, Missouri, not to mention all the bulk honey that goes anywhere from Texas to New Mexico. We -- I mean, we send it all over the place.

This will decrease our operation drastically because it will reduce the places we can put our hives, not to mention the proximity of the lines and it's going to --you can't have hives on one side and expect them to get pollination on the other side because the bees just cannot navigate. I mean, we're -- I'm not just up here saying this for somebody -- some layperson who just thinks she knows what she's talking about. My husband has researched, researched this drastically.

We have experienced some bees underneath low voltage lines and seen how it affects them. And the low voltage lines affects them to a certain degree, not to mention how these high voltage lines will affect them.

I mean, it also affects my family farm who's been in the family for over a hundred years. My nephew's now farming this. Several generations. We're talking about supporting the young farmers coming up, but yet we want to take their land for these unnecessary high voltage lines, send the power to the East Coast where they don't want it anyway.

I mean, like they said earlier, these farmers

aren't even getting any use of the electricity. They are required to change their farming operations, lose heritage trees. We brought up heritage trees that are on this farm my nephew farms. Their route still goes right over our heritage trees. These river hickory nuts that don't grow anymore, they want to cut them down so that they can put power lines through.

Go across creek bottoms, cut the trees along the creek bottoms. I've seen what happens whenever you cut trees along the creeks. It washes. I've seen a road almost totally lost because they come in and cut the power -- I mean, cut the trees along the creek bottoms, keeps the dirt where it belongs instead of washing it down the river, and that's why we've got all these -- the water levels rising in all these areas is because the dirt washes out of the fields. This is just going to cause more erosion.

I know they say, Well, we're going to fix that. We're going to take care of that. But, you know, they cannot replace hundred-year-old trees. They cannot replace hard woods that you just can't grow anymore. I mean, they can't replace them once they've been cut down.

I mean, this -- it affects us not only in our business but in our personal life, too, and I just ask that they do not -- that you do not grant them a certificate of convenience because this company is from Illinois, owned by

a for-profit. 1 2 (Appl ause.) 3 JUDGE PRIDGIN: All right. Thank you, ma'am. 4 Larry Schweitzer. 5 (Witness sworn.) 6 JUDGE PRIDGIN: Thank you very much. If you 7 would, please, state and spell your name for the court 8 reporter. 9 MR. SCHWEITZER: Larry Schweitzer, 10 S-c-h-w-e-i-t-z-e-r. I'm a 40-year veteran in the power 11 delivery business. I started as a lineman and worked my 12 way up through management. I also was raised on a farm in 13 North Dakota, farmed underneath a 230 line. To be honest 14 with you, I never gave it much thought. It wasn't a big 15 deal to farm around the structures we had on our property. 16 We are an electrical contractor and we're a 17 union contractor and so I support the Mark Twain project 18 for these reasons: Number one, they do provide good jobs. 19 Our company has been in this area between lowa, Missouri, 20 Illinois for 60, 70 years and have produced thousands of 21 jobs over the years. These are not just regular jobs. 22 These are good-paying jobs. These are high-benefit jobs. 23 It definitely impacts the local economy. I've witnessed it many, many times. I've witnessed it as a 24 25 lineman. I witness it on every project we do. We buy fuel

locally. We buy parts from the local NAPA stores and the various Carquests and various other parts stores. We buy -- our people stay in hotels. They buy their food here. They spend their money.

Many times if they're working on a job like this, it's not unusual to work six tens, so they won't be traveling home. They'll be here on the weekends, and so they will stay here weekends and they will spend their money throughout the weekend. But there's just a numerous trickle down effect from these workers working in your area.

The tax revenue, I can tell you, Judge, even Ameren can't avoid paying taxes. Twenty-three years of Florida power, I know that the Public Service Commission has auditors and they will know what the cost of this project is, know the exact value of this line and, of course, the value, the property taxes that go against that cost. They will know exactly how much money that's going to be paid to the counties -- various counties.

How that's divvied up? The gentleman mentioned the school board. I don't know how they divvy it up. I know they divvy it up in other states and the areas. But they will not be able to avoid paying revenue, and there have been estimates that I've heard as much as \$500,000 per county.

Renewable energy. This will provide access to Missouri for renewable energy. It's an important thing, but it's important because of the fact it adds to the generation mix. I think everybody in this room who has a IRA, a 401(k), any type of portfolio recognizes you don't put all your eggs in one basket, and so if you rely everything on nuclear, if you have a problem, you've got a big problem. If you are rely on all natural gas, you could have a problem. So adding renewables to the mix of generation -- you can't get generation without transmission to the mix -- creates a level and balanced portfolio which helps all citizens of Missouri when they pay their electric bills.

I've heard a lot of talk about EMF tonight. I won't consider myself an expert, but I will tell you I was the director of transmission when one of the very first projects that caught the public's eye on EMF was in North Tampa for my -- the company I worked for, and the data started with a study that has been refuted by numerous countries in Europe and many agencies, including the EPA here in the United States. So like I said, I know a lot of people who live around power lines. I've lived near them. I've not seen the effects.

They have done studies on utility workers who, as you know, if you're a lineman your entire career, you're

working in magnetic fields every day, and so they've 1 2 studied retired and people who had passed away to see what 3 -- you know, to find a correlation. There was no 4 correlation. There should have been if, in fact, there was 5 any fact to that. 6 So that's all I have to say. Again, I thank 7 you and I ask for your support for this project. 8 JUDGE PRIDGIN: Mr. Schweitzer, thank you. 9 Annette Sweet. 10 (Witness sworn.) 11 JUDGE PRIDGIN: Thank you very much. Please 12 state and spell your name for the court reporter, and then 13 you may testify. 14 MS. SWEET: Annette, A-n-n-e-t-t-e, last name 15 Sweet, S-w-e-e-t. Okay. I just wanted to talk -- I'm in 16 support of the project. I'm an area property owner in 17 Adair County. I spend a lot of personal time volunteering 18 in economic development efforts, and I'm a local utility 19 Whether or not this line gets built does not employee. 20 affect my job one way or another. I don't work for Ameren 21 Transmission, but I do feel like a lot of people talk to me 22 about it and I feel like I need to speak out. 23 The line obviously has a number of important 24 benefits, like the access to different power sources, jobs,

tax revenue, et cetera, but like highway expansions like

25

the bypass that was put in a few years ago, these infrastructure improvements are just terribly painful for those whose property is directly affected, so I have a lot of sympathy for that, and I hope something can be worked out where people can get the line to be as least intrusive as possible.

But I also wanted to point out that between Northeast Power Cooperative and Ameren, there are three high voltage transmission lines already in northeast Missouri and we don't have issues with them, health issues or whatever, and they've been there for 40 years or more.

A few years ago there was a wind farm -- or, well, there were three different wind farm projects that came up right in this immediate area -- Schuyler, Putnam, Scotland, Adair, Sullivan -- and those projects, at the time a lot of the same officials were very supportive of those and they didn't seem concerned at all about the transmission lines that would have been built with those projects. I'm aware of them because my property was one that they came to talk to me about getting a transmission line across the property, so I understand somewhat, you know, that it's not too exciting when you hear that.

But anyway, the transmission -- I mean, the wind projects kind of fell apart gradually for various reasons, but one of the major reasons was the lack of

transmission line capacity and they would not be able to 1 2 put the power out on the grid to sell for a higher price, 3 you know, to another location besides just the immediate 4 area. 5 Then also because I'm a utility employee, I 6 get a lot of people talk to me and bring up the topic or 7 whatever, and I'm surprised there's -- I would say the vast 8 majority of people who say something to me are either 9 neutral about the project or in favor of the project 10 because they think it will be a benefit in the long run, 11 you know, developmentwise, but you know, they don't want to 12 speak up or they're intimidated into being part of the 13 silent majority. 14 So I guess that's the main points I had, but I 15 thank you for your time. 16 JUDGE PRIDGIN: Ms. Sweet, thank you. Kai tl yn 17 Meyer. 18 (Witness sworn.) 19 JUDGE PRIDGIN: Thank you very much. Please 20 state and spell your name for the court reporter, and then 21 give your testimony. 22 Kaitlyn, K-a-i-t-l-y-n, Meyer, MS. MEYER: 23 M-e-y-e-r, and I'm actually testifying on behalf of Marsha 24 and Charles Salassa, who couldn't be here tonight.

want me to spell their names? Okay. M-a-r-s-h-a and

25

Charles, C-h-a-r-l-e-s, Salassa, S-a-l-a-s-s-a.

J

. .

opposed to the Mark Twain Transmission Project because of the potential harm it poses to the health of my parents, our neighbors, friends, livestock, and wildlife. If it's not okay to run this line by schools and churches, why would it be okay to run it by someone's home? Ameren would not answer questions like this in their open houses, and during the entire process, they have been rude and disrespectful towards landowners and homeowners.

Ameren has not proven that this project will benefit Missouri except for the temporary jobs it will create. I wonder how many agricultural jobs will be lost because of this transmission line. The harmful side effects this line will cause will last forever.

Tornadoes have frequented this area in the past several years, and the damage that would occur if these lines come down would be catastrophic.

The destructive impact this transmission line would have on the local wildlife is disheartening. In the past few years, there has been a decline in some wildlife such as quail and pheasants, but recently I've seen an increase in their numbers on my parents' land. Now their habitat will be destroyed, and I will no longer see them flourish on this farm anywhere near this transmission line.

How many creatures great and small that we are not even aware of will be harmed? The honey bees that are needed for pollinating crops, vegetables, and flowers are already in danger, and this will greatly reduce their numbers even more.

My father harvests hay to feed his cattle from these fields but also grazes his cattle in the pastures that he fertilizes and bush hogs to keep the weeds down. I fear for his well-being as well as that of his livestock. I walk through these fields each fall and help him move his cow herd that have been raised almost entirely on this farm. What threat will this high voltage transmission line pose to my health?

I may someday inherit this land, and I don't want to see its productivity and its value decrease. This project is not in the public's interest and would not be in the best interest of the state of Missouri.

I would like to thank the PSC for their time and consideration in this matter. I would also like to thank our state representatives, Nate Walker and Craig Redmon, and the county commissioners for keeping the public -- public's interest in mind when they all opposed this project.

(Appl ause.)

JUDGE PRIDGIN: Ms. Meyer, thank you. Jeb

Weaver. Mr. Weaver? Mr. Weaver? 1 2 MR. WEAVER: Yes, sir. 3 JUDGE PRIDGIN: You're going to be my next 4 witness after the break. I'm going to give my court 5 reporter a well-deserved break but wanted you to know I'll 6 call you at 8:15. 7 MR. WEAVER: Yes, sir. 8 JUDGE PRIDGIN: Thank you very much. We'll be 9 in recess until 8:15. Thank you. 10 (A recess was taken.) 11 JUDGE PRIDGIN: All right. Let's resume the 12 heari ng. I have Mr. Weaver as the next witness. 13 Mr. Weaver, if you'll come forward to be sworn. 14 Mr. Weaver, I'll swear you in in just a moment. 15 If I could just reiterate, I had a 16 commissioner who had planned to be here this evening. I 17 told you her mother was taken ill. Her mother, in fact, 18 did pass away over the weekend. That is the reason she is 19 She sends her regrets. not here. 20 We had commissioners in Shelby County. We 21 will have commissioners in Adair County tomorrow night. 22 I'm afraid you're stuck with me tonight. I apologize on 23 behalf of the Commission. Again, obviously the 24 commissioner could not foresee her mother's passing, and so 25 otherwise she would have been here and I apologize.

2

3

4

5

6

7 8

9

10

11 12

13

14 15

16

17

18

19 20

21

22

23 24

25

(Witness sworn.)

JUDGE PRIDGIN: Thank you, sir. Please state and spell your name for the court reporter, and then you may give your testimony.

MR. WEAVER: Jeb Weaver, J-e-b W-e-a-v-e-r. My wife and I reside at 15282 Weaver Avenue, Glenwood, Missouri 63541. Sir, I want to thank you for giving me that 15 minutes of stress a while ago in making me wait.

Anyway, I'm a husband and a father of two and a grandfather of five, and I'm a veteran of the United States Army. My son and I, we run a 500 head cow-calf operation. The proposed line runs diagonal through our weaning pasture, our feed lot, which will be affected. runs also directly over a cattle forking facility, through the killing pasture, and destroying part of the timber that the cows use during adverse weather conditions.

Now, the Ameren's term fair market value is what they want to compensate us for: fair market value for our land. That needs to be changed to what is acceptable Tell me what's acceptable collateral collateral damage. damage when they destroy your property, when you have poor breed back on your cow herd or stillborn calves, when you have nonperformance in your cattle, they don't gain weight, and this is -- you have an increase in sickness. This is not fiction. This is fact.

There's been a lawsuit filed and won in the state of Minnesota and the judge awarded that farm family \$6.3 million in damages over the loss of his cattle, and in that it said the electric current can course through the metal on your farm, including through water troughs. This can lead to cows not drinking enough water, not eating enough food, and a reduction in milk production as a result according to a 2009 publication produced by the University of Wisconsin at Madison. Stray voltage can also cause the animals to produce a stress hormone decreasing the ability to fight infection.

My grandson, Brody Jeb Weaver, when not in school or playing sports, he helps his dad and I who work side by side working the livestock, working the cattle. Studies have shown that children living within 600 feet of this high transmission line can get leukemia, and those that live farther away are less likely to get that. So tell me. What is the acceptable collateral damage for that? There's not any. There's not enough money on God's green earth that can replace that.

(Appl ause.)

MR. WEAVER: The second point on the necessity of this line, it runs diagonal through everybody's farmland. Four miles directly straight west of here, there's 160,000 volt line that Ameren of Missouri owns --

okay? -- and as Mr. Kerby says, four miles from the border, it runs to that line.

My wife and I attended two of the public meetings that Ameren put on. I couldn't get this question asked. I got it asked, but I couldn't get an answer for it. I finally got to meet one-on-one with Peggy Ladd, which is here, and we had a conversation. I said this line runs diagonal and then runs parallel with this existing line, and she said it can because of reliability issues.

So anyway, I asked her one more question. I said so tell me ever -- the concern of Palmyra going to the Iowa line. I said, What happens at the Iowa line? It just doesn't stop. And she said, My job is to get it from Palmyra to the Iowa border, and after that it's not my concern. So I had to dig deeper.

Okay. After the Iowa line, it becomes
MidAmerican Energy Company, which is owned by Berkshire
Hathaway, which is Warren Buffett, a very shrewd
businessman. They have 1,715 wind turbines in their state,
and they've got plans to build, I think, 500 more. They're
receiving wind energy tax credits for those turbines, which
I think, as I understand, runs 30 to 50 percent
depreciation the first year and then they get 2.3 cents per
kilowatt hour after they're produced.

Okay. Now, if this goes through Missouri,

MidAmerican Energy Company -- I call it laying in the weeds 1 2 -- they've got a Multi Value Project Number 7, and that 3 project is -- it entails construction of approximately 20 4 miles of 345,000 kV rebuilding the existing 160 kV 5 transmission line, which goes through Appanoose, Davis, and 6 Wappelo counties in Iowa to the Ottumwa, Iowa coal-fired 7 power plant. Coal -fi red. Fossil burning. That's what's 8 producing this energy. There's a little-bitty feeder line 9 of wind energy to that. 10 I want to shake the electrical engineer's hand 11 that can keep the wind energy green -- I'll take my wife's 12 five minutes, sir -- that can produce the wind energy and 13 keep it separate from the coal-fired energy and go through 14 to this line. I don't think they can do it. 15 Anyway, they're going to rebuild that line 16 from the lowa line north, and then at the lowa line it's 17 going to split. Why? Why not build it all the way? 18 In closing, there's a saying, a motto, amongst 19 cattlemen and cowboys, and it's this: If it's not right --20 If it's not yours, don't take it; and if it's not no. 21 true, don't say it; and if it's not right, don't do it. 22 This line isn't right. So, sir, please don't let it 23 happen. Thank you. 24 (Appl ause.) 25 JUDGE PRIDGIN: Mr. Weaver, thank you. The

1 next witness is Debra Leunen. I hope I'm pronouncing that 2 correctly. 3 (Witness sworn.) 4 JUDGE PRIDGIN: Thank you. If you would, 5 please state and spell your name, and then you may testify. 6 MS. LEUNEN: Debra Leunen, D-e-b-r-a 7 L-e-u-n-e-n. I live at 19562 Zion Road, Lancaster, 8 Missouri. I think it's very fitting that this hearing 9 tonight is so close to Halloween because I've never been so 10 terrified in all my life. 11 The proposed Mark Twain Transmission Project 12 scares me to death. I'm afraid of how it's going to affect 13 the farmers and the landowners in this area. I'm afraid of 14 what it will do to the wildlife, the natural environment of 15 northeast Missouri. I'm afraid of what it will do to me, 16 my husband, my friends, and neighbors here tonight. 17 There are 4,431 people and 1,193 families 18 residing in Schuyler county. Twenty-five percent of those 19 are under the age of 18. The other 25 percent are over 65. 20 The per capita income is \$15,850 per household. Nearly 20 21 percent of the population is below the poverty level. 22 Ameren knows we don't have the funds to fight this project. 23 That's why they're here. 24 The proposed transmission line towers are 20 25 ton steel monopoles that are 90 to 100 feet tall and will

be erected along the right of way roughly 800 feet apart. At the site of each tower, more than a quarter acre of land will be bulldozed and leveled and a bore hole will be drilled into the existing woods, crop ground, or pasture. Every bore hole is going to be filled with tons of concrete that will serve as a foundation for a tower.

The transmission line begins with a survey for the right of way access roads. An access road must have the width and strength necessary to support frequent use by heavy earth moving equipment, transportation vehicles carrying heavy loads. In Schuyler County, our existing infrastructure will not support this.

The total area needed for this transmission area will be clear-cut, bulldozed, and leveled for access roads. The right of way and most access roads will be constructed in farmers' fields or pastures. In dry condition, the soil will suffer from compaction. In wet conditions, the results will be devastating.

You've heard tonight that our soil is mostly clay and it's without bottom, unsaturated. It will take a tremendous volume of rock to stabilize those roadways.

That rock will be forced down and out into the field. What happens to that rock when Ameren is done? Ameren won't be able to remove it all and it will work to the surface, probably for decades.

They can visually restore the field, but it will never be the same again. All vegetation will be cleared from a strip of land that is a hundred miles long and a hundred feet wide. The clear-cut right of way which will encompass a total of 55,000 acres will go across planted fields and pastures that are now predominantly small farms.

This clay soil is subject to severe erosion, and without vegetation will wash away and silt surrounding bottom land and watershed. Near my farm, the line is proposed on top of an existing watershed area consisting of brush, scrub timber, and a North Fabius River tributary. Ameren plans to maintain the transmission right of way by using both herbicides and mechanical means to keep it completely and perpetually free of trees and brushy growth.

Herbicide runoff will contaminate the water in many creeks and ponds as well as the underground water that is the sole source of drinking water for the majority of the area's livestock and rural residents who rely on the water from private wells. It will spoil the habitat for fish and other aquatic creatures, including some that are endangered, threatened, or rare.

The herbicide is an aerial application, and the overspray can drift for hundreds of feet beyond the right of way. In 1998 and 1999, I was awarded back to back

3

4 5

6

7

8 9

10

11

12

13 14

15

16

17

18 19

20

21 22

23

24 25 Sustainable Agriculture Research and Education (SARE) grants to study multispecies rotational grazing and the use of goats to control invasive pasture species.

At the onset of the study, I produced a grid inventory of pasture forbes with the help of a couple of biologists from Missouri State University. Immediately, the specialists detected widespread herbicide damage throughout the pasture. There was an existing 161 kilovolt Ameren transmission line across the farm. Herbi ci de application had drifted 1,000 to 1,100 feet from the right of way.

Ameren was instructed by the state to withhold all aerial application of herbicides to the property. machinery brought in to remove the brush consisted of huge shredders which flung chunks of debris into the surrounding pasture, and I had to manually remove it before I could bring equipment in to maintain my pasture. Ameren's contractors left jagged, protruding stumps that injured my livestock, punctured tires, and made it dangerous to work close to the right of way.

My current farm is 23 acres. The proposed transmission line will parallel my east boundary line. Ιt will only be 300 feet from my house to the right of way. My husband has cardiomyopathy and he has an implanted pacemaker and defib. I suffer from a complex medical

history that includes a combined autoimmune disorder, renal failure, and cranial fluid leak.

Due to our chronic medical conditions, I don't think we will be able to stay in our home. The 345,000 volt power line will be a constant source of stress on our bodies, not only from the electromagnetic fields but from the corona effect.

Severe shock from stray voltage will be a continual fear on our property, and a single shock could activate my husband's defib, possibly even kill him. I've experienced the dangers of stray voltage while pasturing goats under this existing 161 Ameren transmission line. After a thunderstorm, I found nine of my breeding bucklings dead from electrocution. They were spaced over 10 feet apart near a fence running parallel to the transmission line within the right of way. They were examined by a veterinarian, and it was determined they were not struck by lightening. They were killed by lethal electric shock.

I'm terrified of electrocution by stray voltage. No one should be forced against their will to expose their family to any entity that they fear on their property that they toil to purchase and maintain. I do have a photograph of those dead goats that I'll show you when I'm finished here.

JUDGE PRIDGIN: Your five minutes -- you can continue, but your five minutes are up.

MS. LEUNEN: In the event that this project is approved, Ameren's first steps will include obtaining rights to the 55 acres -- 55,000 acres of land that the transmission line will occupy. Virtually all of this land at present is private property of 270 landowners, and the majority of them oppose this project.

If we do not grant easement, Ameren will seize the property by eminent domain. Eminent domain was intended for public interest. The project is opposed by the majority of all the landowners. All county commissions from all five affected counties have signed resolutions in opposition to the proposal.

There's no need for this power in the state.

There should be no public sacrifice for a private corporation to profit from. I'm afraid I'll be forced to give up my land, and I'm afraid I'll lose control of what remains.

Construction of the transmission line will impact Missouri wildlife. It will fragment wooded areas. It will cause loss of habitat for tree dwelling, wetland, and aquatic species. Loss of habitat will lead to the demise of some species and failure to thrive for others.

I'm particularly concerned about the effects

of wildlife in my area because so much vegetation will have 1 2 Northeast Missouri is home to the to be cleared. 3 endangered Indiana bat. The U.S. Wildlife indicated that 4 every county intersected by the proposed line is known to 5 be occupied by maternity colonies of these bats. 6 Furthermore, based on past studies, the route passes 7 through five known maternity colony home ranges. The 8 proposed Mark Twain Transmission Line could quite possibly 9 destroy the species. 10 Schuyler County is located in the Central

11

12

13

14

15

16

17

18

19

20

21

22

23

24

25

Schuyler County is located in the Central Migratory Flight Path. Habitat destruction has caused population decline in many species. Transmission lines are known to interfere with migration. The effects are so damaging the National Audubon Society has proposed legislation to help minimize the impact to birds and other wildlife. I'm afraid this line will personally destroy the nature I love.

I enjoy the luxury of electrical power, but I believe in energy efficiency. I believe we need to use Iess energy and be more self-reliant. The nation's power grid is vulnerable and unsustainable. The line will not Iower the cost for Missourians. On the contrary, Ameren customers have already seen an increase on their power bills for a project that will not benefit them.

You, as a member of the PSC, have the ability

1 to stop this project. I ask for your help in defending our 2 farm rights and constitutional property rights. 3 counting on your help. Please deny ATXI franchise. Do not 4 approve the Mark Twain project. Thank you. 5 (Appl ause.) JUDGE PRIDGIN: And will this be Exhibit 5, 6 Madam Court Reporter? 7 8 THE REPORTER: Yes. 9 (Exhibit 5 was marked for identification.) 10 JUDGE PRIDGIN: All right. Thank you. The 11 next witness is Joni Newland. 12 MS. NEWLAND: I do have two other people that 13 I'm speaking for. 14 (Witness sworn.) 15 JUDGE PRIDGIN: Thank you. Please state and 16 spell your name for the court reporter, and then you may 17 give your testimony. 18 MS. NEWLAND: Joni, J-o-n-i, Newland, N-e-w-I-a-n-d. And the first one that I have is on behalf 19 20 of Florence Shepherd, F-I-o-r-e-n-c-e S-h-e-p-h-e-r-d, and 21 she is a landowner. 22 The land has been in my family for 23 approximately one hundred or more years. It is part of the 24 heritage I had hoped to leave to my children and 25 grandchildren. There is also a negative economic impact to

me due to the loss of rental income while construction, or more accurately destruction, of the power lines is taking place.

In addition, the renter may no longer choose to utilize this land for pasture if the lines are allowed to go through because of the spraying of the area under the lines and the resulting contamination of the water source due to the closeness of the transmission lines to the pond where the cattle get their water.

Eminent domain should not be allowed to be used when it is not in the public interest. The Schuyler County commissioners as well as commissioners from other counties have not granted approval for this project in their county. This line is not in the public interest. Please deny ATXI's certificate for convenience and necessity.

And I have another statement on behalf of another landowner who lives out of state: William, W-i-I-I-i-a-m, Shepherd, S-h-e-p-h-e-r-d.

As an affected party to the above petition, I will add my voice to the objections already raised. The usurpation of others' land for the furtherance of a private venture flies in the face of the spirit, if not the letter, of any eminent domain statute. The need requirement mandated by the legal proceedings of the subject request

3

4

5 6

> 7 8

9

10 11

12 13

14

15

16 17

18

19 20

21 22

23 24

25

appears to be defined by projected increases in power demand in an area of the country totally divorced from the landowners specifically affected and the state of Missouri in general.

Casual disregard for collateral damage from a venture project resulting from the market research for electrical power sales opportunities should not be ignored as a major consideration when reviewing and deciding this request.

That there is a market for electrical power supply is not surprising. However, opportunity for sales and need are not the same. It is not clear the part of the country where this need has been identified does not have other, less destructive options some of which could be brought online in a more timely manner.

As a result of technology advances in extracting natural gas and renewable generation, it must be the case more local options are available. With national news highlighting inefficient and unreliable grid control, it doesn't appear adding more grid is the best solution.

And then this is mine, Joni Newland. in a house that would be extremely close to the proposed transmission lines. I'm concerned about health risks for myself from the constant exposure of living next to the high voltage lines as well as my grandchildren who might

3

4

5 6

7

8

9 10

11 12

13

14

15

16

17

18

19 20

21

22

23 24

25

stay with me for extended periods of time.

(Appl ause.)

In addition to the negative effects of the close range high voltage transmission lines, I'm also concerned about the effects of the spraying to be done to control undergrowth along the transmission lines. resulting damage to trees and grass in my yard and in the pasture would be hazardous or even deadly to the wildlife that is currently abundant in the area, along with my pets and any livestock that might be grazing in my pasture.

There should be no guarantee that ATXI out of Illinois will hire locally since the project hasn't even been approved yet. And even if they do, at what point do we not put temporary, monetary, not-guaranteed gain above the quality of life of generations to come in this area?

MS. NEWLAND: There is also a negative economic impact that's difficult to measure but would be definitely felt. This would occur when individuals who might consider buying property in this area for a life away from stresses and disadvantages of the city for themselves and their children or those who wish to move here for retirement are no longer interested due to the transmission Lines. We are a very small rural area and we can't afford to lose any potential citizens.

Eminent domain should not be allowed to be

1 used when the purpose is not in the public interest. 2 Schuyler County commissioners have not granted approval for 3 this project in their county, nor have commissioners from 4 other counties shown approval for it. 5 This high voltage transmission line proposed 6 by an out-of-state company is not for Schuyler County's 7 benefit, nor for the benefit of other counties in the path 8 of the transmission lines or the rest of the state of 9 Missouri, and it is not in the public interest. 10 Please deny ATXI's certificate for convenience and 11 necessi ty. 12 (Appl ause.) 13 JUDGE PRIDGIN: Ms. Newland, thank you. Davi d 14 Schwartz, Juni or. 15 MR. HAXTON: David Schwartz, Senior and 16 Junior, they had -- David Schwartz Junior had a medical 17 issue with his family and had to go to that, but it was 18 witnessed that they gave me their hours. Not hours. Thei r 19 As did David Schwartz, the bishop, as did Paul time. 20 Baumgarten, so --21 JUDGE PRIDGIN: Okay. Could you -- then could 22 you state and spell your name for the court reporter, 23 pl ease. 24 MR. HAXTON: And then my time, too. 25 JUDGE PRIDGIN: 0kay.

1 MR. HAXTON: Jason Haxton, H-a-x-t-o-n. 2 (Witness sworn.) 3 MR. HAXTON: I'm a firm believer in truth. I 4 agree, so help me God. 5 JUDGE PRIDGIN: When you're ready, sir. 6 MR. HAXTON: Okay. I'm the former mayor of 7 Greentop. I've lived in this area -- kind of young for 8 some of you -- 30 years only. I currently work at A.T. 9 Still University of Health Sciences, an institution founded 10 over a hundred years ago and provides medical health and 11 well-being to 44 schools throughout the United States and 12 hundreds of schools throughout the world, all begun by one 13 person who lived in this county, whose father had land in 14 this county. 15 I think it's appropriate talking about schools 16 when we're in a school. This school is built with tax 17 dollars and it always costs us more money, and we invest in 18 the children. We invest in humans at this school, hearts 19 Businesses, as we've learned in school, exist and souls. 20 for business' sake. Their only goal is unlimited growth at 21 any cost. Businesses do not have hearts and they do not 22 They have people that carry out their have souls. 23 busi ness. 24 And, interestingly, our founder at our school 25 was a big observer. See, medicine was pretty bad for

thousands of years, very hurtful, but people made money. They bled, they burned, and they poisoned, and the doctors made money. Oh, it didn't work. It worked so badly that Thomas Jefferson said we shouldn't even license physicians' 50 percent success rate. But it went on that way for a thousand years. It wasn't right, and it wasn't truthful.

Andrew Taylor Still said, I don't know what's out there, but I'll find something better because it's wrong to hurt people for your greater expense, and so he observed and found out that eating, exercising, positive thinking, and manipulation could make you better, and he said that's better than all those drugs and burning and bleeding. And he, by one man -- and he was persecuted for his ideas -- grew this great institution of health. So looking at businesses that have no heart or soul, it's not always the truth and it's not always good.

His father bought land here and he was a physician and a preacher. He helped the body and the soul of people in this very county. My land butts up against him, and in Greentop, we're unique because the city is divided into Adair and Schuyler County, so my interest has always been the well-being of the people in this county.

Ameren as a business is not the first to come to this county. One of the reasons I had the opportunity was because of the farm crisis in the 1980's. These are

7

8

9

10

11

12

the survivors that basically got through the farm crisis and are still here, generational farmers, but it left land open, and the first threat was the landfill by Orlando Schi appa and we fought for 45 years, and the only reason that we probably won that is because he had a plane accident and died besides being deeply in debt.

Meanwhile, CAFOs/pig farms are growing out in this same land. There's a lot of land left open, and so into this area basically came the pig farms and the threats to people again. And while we were fighting Schiappa over the landfill, the neighboring county was fighting the pig farms and the health and issues.

13 14

15

16

17

And those were seen as good things for business, but they had no souls and they were hurting the people, and finally, after four or five years, the laws came around and now they were not viable, so we were survived a second time when the CAFO wanted to come. There was just too much law to let them have that opportunity, leaving this land open for the Amish.

18 19 20

21

22

23

The Amish made great sacrifices to come here. When their community got too big in Indiana, they pooled their money together and searched out the area for good farm land and quality of life. They bought all of their land, 4,000 acres, in one giant lot which stretches with the Mennonites almost 13.8 miles through where this

development for the transmission line wants to go.

each is a church, through their land, and basically through their schools, their cemeteries, and their properties.

We'll get to how this line could even be -- even thought of through this area in just a little bit, but when I first met the director of transmission stakeholder relations at Ameren -- she's here -- with the bishop, I was told that basically they didn't know there were any Mennonites or Amish in this area.

They had devised six routes, and they had ended up picking two which are the two that we most recently saw. I question what this great business was thinking when they claim that they had no idea there were Amish or Mennonites, but if you travel Blueberry Way, which is the route it would go through, you cannot help but see the buggies, the homes without electricity, the signs that actually identify these places, so I feel that it was based somewhat on a lie. I think a lot of these -- and this is my personal beliefs from what I saw -- is that these routes were to create dissension among the people so that we would be weakened.

I also perceived that when we went to those town meetings, they really weren't for the town. They were for Ameren to gather the information to find our

1 weaknesses, to find whatever they could, not to make it 2 better but to make their case stronger to hurt us, and 3 that's one of the reasons I stopped communicating with them 4 is that we, doing what we thought was right and truthful, 5 were harming ourselves every time we opened our mouths. 6 And they controlled those meetings so that if anyone didn't 7 toe the line, out they went, and I saw that happen, too. 8 (Appl ause.) 9 MR. HAXTON: The town meetings were a buffoon 10 for all of us. 11 Observation, that's how we got better 12 medicine. As I look out here, everyone I've seen speak 13 today is still here, except the people in the petition. 14 They are the ones that need to be here. But look. 15 you seen where they are at? We've stuck to it. This is 16 our home. They're like what we would call carpetbaggers.

Yeah, the Amish told us to say this, that basically they don't blame them. They're trying to make a living for themselves where they're from, but they'll do anything to make that living. It's all about the money, and that's what big business is and I'm sure Ameren's worth billions of dollars. It's big business. It has no heart. It has no soul. It is not a school. It is not making people better.

17

18

19

20

21

22

23

24

25

It is growing and growing, and it has its

Minions doing its business, and what's sad is they can sit here and speak of how good it is but not stay through the whole meeting. I don't believe their heart is in it, and I know some of the people that spoke, but the fact that they had better things to do and go basically tells me what the story is on them. It's all about the money, and they're not here.

(Appl ause.)

MR. HAXTON: The director of transmission and stakeholder relations is still here. But what the Amish wanted us to know is it took a lot for them to come today, and we had one bishop who was actually here, who spoke a year ago, and didn't understand, couldn't even make out the map, which was a bird's-eye view, because they never thought of their land from that perspective. The letters they received from the director of transmissions and stakeholder relations told them they could go online to their computers, they could phone on their cell phones, or they could go 20 miles to the meetings that were completely inconvenient.

There was no appreciation of this group at all in any way, and they certainly never walked that path, because to hear from that person, the director of transmission and stakeholder relations, say we had no clue there would be Amish and Mennonites despite massive signs

saying Shekinah Church, just by the obvious buggies and things, tells me that they didn't care, or if their research is that poor, they're not redesigning the route.

It's all about money. It's not about heart and souls.

And so basically, it took a lot for those

And so basically, it took a lot for those people to come here today. Some might say, well, where are they now? They're scrapping out a living. They have prayers and family to be with. They don't -- they're passive. They don't object, and it took a lot for them to come.

But it is so hurtful for what will happen to the land which is their church and each home that it would go over, which basically, oh, they're going to miss a lot of them, but Dave Schwartz's house is still on the route, but he had to leave. He wanted to speak, but he has a child in the hospital. And he is so careful. He said, If I get up and leave, will I have done something wrong to these people? I said, no, go to your son. Get out of here. I said, I'll speak for you.

These are very gentle people, and all they're going to do is pray about this, because this was a lot just to even physically show. But that's how sincere they are about what's going on, and the only other bishop who didn't come is basically recovering himself from a medical condition. He's 75 years old. They work until they drop,

1	and they're good people, and they just think this is not a
2	good thing for nature.
3	A.T. Still said that we come closer to health
4	when we commune with nature, and this 345,000 line is going
5	for many people not to bring them closer to nature.
6	There's other ways to do this. As we see with the Amish,
7	you can live a good, full, simple life.
8	I appreciate the time you've given me. I just
9	think this is not the truth and this is wrong, and I have
10	spoken the truth. Business is for business to grow
11	unheeded at the cost of every person it crumbles.
12	Education, which we're about, and families is what it's
13	really about, the human element. And thank you.
14	(Appl ause.)
15	JUDGE PRIDGIN: Thank you for your testimony.
16	The next witness is Paul Brandenberger.
17	MR. HAXTON: I spoke for him, too.
18	JUDGE PRIDGIN: All right. Thank you. And
19	the next two people, I want to verify. I see Lorraine
20	Austin and Herb Austin, but their names are crossed out. I
21	want to make sure I'm glad I checked. Thank you.
22	(Witness sworn.)
23	JUDGE PRIDGIN: Thank you, ma'am. If you
24	would, please, state your name and spell it for the record,
25	and then you may testify.

MS. AUSTIN: My name is Lorraine Austin, L-o-r-r-a-i-n-e A-u-s-t-i-n.

My husband and I, Herb Austin, moved here about 15 years ago from El Paso, a very big metropolitan area, obviously with power lines zigzagging and crossing each other several times, and the beauty of this countryside just still amazes us. It's probably what we love about here. But what we really love here is the people, and we had, or thought we were going to have, our land be crossed by the line, but it turns out it may not be.

So I'm really just here on behalf, to speak to the public service board, the Missouri Public Service board, and you should represent your citizens here, whether they be in the bootheel or if they're here in northern Missouri almost at the state line.

These are hard working, good people. They have roots in this community. They go back many generations either on their land or maybe just living in the city, but they're family oriented people. They're loyal. They're hard working, and they love their land and their country and their people and their family here.

And I just want to remind Missouri public service board to work for Missouri and not an outside company that wants to come in and send electricity across

our land to New England states. Thank you very much for your time.

JUDGE PRIDGIN: All right. Herb Austin. (Witness sworn.)

JUDGE PRIDGIN: Thank you, sir. Please state and spell your name for the record, and then you may give your testimony.

MR. AUSTIN: Herb Austin, H-e-r-b A-u-s-t-i-n. We live in Schuyler County because we want to. We have no relatives that were from here. We weren't born here. We moved here about 13 -- in fact, 13 years ago yesterday, and we moved here because the country was so beautiful and we got to know the people. As we would come up and visit, we got to know a lot of people and we really liked the people.

Where we came from in Texas, we saw several instances throughout the years, the 30, 40 years we lived there, of utilities coming in and taking land and doing things that the public didn't want to do. What would happen is they would come in, they would build something, they would take it with eminent domain, and then they'd sell it off and somebody else would have it and make money on it, but it rarely ever benefited the people whose land they took.

And I think that when you talk about all of

1 the health issues that have been brought up and when you 2 talk about all of the issues that could happen and all of 3 the things that might happen, I don't think that you can 4 take a chance on saying, well, this may or may not. dealing with people's lives. You're dealing with their 5 6 livelihood, with their animals and their farms. 7 Small farms are getting too few these days. 8 Corporate farms are taking over, so these people need to 9 keep what they've got. I don't think our founding fathers really meant for eminent domain to come in and take 10

people's land so corporations could make a better buck.

(Appl ause.)

think that the corporations --

11

12

13

14

15

16

17

18

19

20

21

22

23

24

25

MR. AUSTIN: I agree with what Mr. Haxton said. Corporations are heartless. Corporations do one thing, and they make money for their shareholders. That's what they're supposed to do, but when you have to balance that against making money for their shareholders to obtain electricity that Missouri's not even going to benefit from, I think you have to draw the line, and I would ask the Public Service Commission not to approve this.

(Appl ause.)

JUDGE PRIDGIN: Mr. Austin, thank you. The next witness is John Beaver.

(Wi tness sworn.)

JUDGE PRIDGIN: Thank you, sir. Please state and spell your name for the court reporter, and then you may testify.

MR. BEAVER: John, J-o-h-n, Beaver. The last name's just like the animal, B-e-a-v-e-r.

This is the first one of these that I've been to, and -- but it's -- and I'm going to tell everybody right upfront I'm not from here. I do not own land here. I deny I'm a landowner. I am a small farmer, but I work and I'm here representing a company that will probably, if we get the job, we're intending on making money, as certain people have said, in the construction of this line. That's what we do.

I work for J.F. Electric, who is a power constructor builder, power line builder. I want to just kind of say something. I understand your passion and your concern about your property. I sincerely do.

In the early '70s, I attended school up here at the college about 30-something miles south of us called at that time Northeast Missouri State College, and you guys have changed the name of it. It's now Truman University, but -- and then after I got married, I did like this land, like many of you have said. It means something to you.

I brought my new wife up here and I wanted to buy a farm in this area and we looked around and we looked

around and we looked around and I found farmland that I would have liked to have owned, but folks, I married a girl from Illinois and I couldn't get her out of there, so we didn't move up into your area. But I understand your passion for your land.

As I said, I am farmer and I do work for a power construction, power line builder. My father was a lineman. There's six linemen in my family, so it's something that we're proud of, the industry that we've made our living with for so long.

And also I've heard many statements that people have said about the dangers of electricity and the -- to be around it and stuff like that, the voltage, stray voltages and stuff like that. For 60-something years our family has been involved with electricity and there has been no cancer in our family -- I just want to state that -- as far as the men workers.

As far as the farming goes, in Illinois we did farm. My father and I farmed 500 acres. We farmed during the evenings mostly and weekends. We did power line work during the day through the week. We had a hundred head of cows that we ran, and much of the ground that we rented was actually underneath a 345,000 volt line, so I am familiar with that. Yes, there's some inconvenience farming around the structures. There is.

2 3

4

5

6 7

8

9

10 11

12

13 14

15

16

17

18

19 20

21

22 23

24

25

We ran cattle. We didn't notice anything to do with any of the stray voltages. We didn't notice some of the things that other people are concerned about, and we did this for 20 plus years until the property was sold and we no longer had access to it.

At J. F., expenditures of what -- any line construction company, no matter who gets it, if it does get approved and stuff like that, the amount of money that a contractor will spend in the area will be for -- like somebody had already said, it will only be for a couple We know that. There will be fuel. There will be years. hotels, parts, food, that sort of thing, and then the line construction company is gone but the power line will That's a given. remain.

My concern is for our industry in this country and the need for electricity to -- a sustainable power to drive an economic engine for our country. One of these days I certainly hope we start bringing jobs back to this country instead of transporting them all and exporting them all to the foreign countries. I would like to see that. In order to do that, though, we do have to have a reliable source of electricity.

And the voters in the states have said that they want renewable energies. And as a result of that, how do you do it? This is a manner of doing it. They're

saying wind energy, solar, a variety of that type of stuff,
and so your provider in this state, which is Ameren, is
attempting to do that.
Wildlife, I've got a lot of experience
building power lines in various states, and I can tell you
from my experience many hunters have their deer stands and
a variety of hunting sites on the right of ways, the
easements that transverse across the states in the various
areas. And from my experience, we try to work with them
during deer season, and you'd be amazed at the food plots
that are planted right along in the easements and stuff
like that. So having said that, my experience, I'm not
seeing detriment to the wildlife.
But I just want to say that, yes, I am in
favor of the power line that's being proposed here, and I
do understand your concern about your property and your
farms. Thank you.
Folks, I don't expect to get a round of
appl ause.
JUDGE PRIDGIN: All right. Mr. Beaver, thank
you. The next witness is Mr. Shapiro.
Did you have another signup list? All right.
Thank you.
(Wi tness sworn.)
JUDGE PRIDGIN: Thank you, sir. Please state

and spell your name for the court reporter, and then you may give your testimony.

MR. SHAPIRO: My name is Stephen,
S-t-e-p-h-e-n, Shapiro, S-h-a-p-i-r-o. I'm a resident of
Scotland County, so unlike many of you people here, I'm not
affected directly by this line, but I oppose it directly.
And like most everyone here and in our whole state, I also
won't get the benefits of this line that there are.

People have spoken about many of these benefits of bringing money into the area, which is true. It's a good point that restaurants and hotels and certain small amounts of nonunion people will get jobs here, but for the most part, that seems to me to be skimming a lot of money off of people's land who live here, and that money will be filtered through these people outwards to the cities and states, not here, and into this company.

Hotels are for people not from here, and we are already living in this northeast Missouri world, this rural world where people are fleeing to the cities. Do we want to continue to devalue this area and push people into cities? Do we want to punish small landowners for stewarding their land and benefit contractors, manufacturers, and corporations from elsewhere for harming that land?

It may be said, well, it's just a tower and

it's just on one little, small square of land, which is 1 2 true, and it could be said that it's not a big deal, that 3 it's a minor inconvenience. We have a lot of chairs in 4 this room. If we were to fill up this room, we'd have 5 hundreds of chairs. If we take off all of the chairs from 6 this basketball court because we need to play basketball, 7 we want to play basketball, but we leave just one chair, 8 it's just one small chair. It's a fraction of a percent. 9 It's not a big deal, a minor inconvenience while playing 10 basketball, and we can work around it. We'd get used to 11 it. 12 (Appl ause.) 13 MR. SHAPIRO: We would learn to play 14 basketball a different way, but it would forever change the

game.

And it's also said that this would bring green power to the east, which is great. I fully support green

power to the east, which is great. I fully support green power, even more support local power on your roof or in your backyard. But does green power -- does the kind of green power that we want bring tears to people's eyes and potential leukemia to their children?

That's all. I oppose this line.

(Appl ause.)

15

16

17

18

19

20

21

22

23

24

25

JUDGE PRIDGIN: Mr. Shapiro, thank you. The next witness is Representative Nate Walker.

(Wi tness sworn.)

JUDGE PRIDGIN: Thank you, sir. If you would, please, state and spell your name for the court reporter.

MR. WALKER: My name is Nate walker, N-a-t-e W-a-I-k-e-r. I'm the third district state representative. I represent parts of Adair County, the City of Kirksville, the counties of Sullivan, Putnam, and Mercer County, and I've been telling the truth ever since I got sworn in last week when you heard around 60 people testify opposed to this.

I think you'll see from this hearing, the hearing last week, and the hearing tomorrow night that this is not a good idea and this is an idea that has grassroots opposition. And these are people who are not overly emotional, but they're using practical reason in their opposition to this, and my testimony is tonight just to go back on record as I'm in opposition of this project and I will testify more tomorrow night.

But I do appreciate you being here again, and I appreciate all these people from throughout northeast Missouri coming to testify and show their opposition. This is a process that has meaningful purpose, and if we thought it was a good idea, then I think most of these people would be probably still out on a combine or still out working and doing other things than being here tonight. But last week

4

5

6

7 8

9

10 11

12 13

14 15

16

17 18

19

20 21

22

23 24

25

we had four hours plus. It was around midnight when I got home, and you've heard a lot of good comments since, testimony, and then you've also heard some hired testimony.

And our good friend that was here, I think he was trying to sneak in because he had the uniform on. He had a red shirt and the hat and so forth. But welcome to northeast Missouri, and we appreciate you being here. Make sure you fill up your car with gas before you leave and spend as much money as you can.

But this is a project that from the very beginning, and I met with officials from Ameren Transmission of Illinois before this project was even announced publicly, and one of the things that I kept telling them is they seemed pretty cocky and they seemed pretty opinionated that they were going to make this happen. I said, you know, you need to listen to these people because you're going across their land and this land means a lot to them.

And, I said, you know, if you want this project to be successful, you need to take their input. And if you are going to build this line in north Missouri, then perhaps you need to go on existing right of way that you have and go down property lines and work with them to establish a plan to build this line. They didn't do that. And, in fact, I do believe that they already knew which

1 line was going to be built and they were set on just slam 2 dunking, since we're in a basketball court, and the 3 metaphor that the gentleman from Scotland County used was 4 probably the best metaphor that I've heard in a long time. 5 But again, I'm on record in opposition to 6 this, and I'll testify tomorrow night with additional 7 facts. But thank you for being here tonight and allowing 8 this process to take place. 9 (Appl ause.) 10 JUDGE PRIDGIN: Representative Walker, thank 11 The next witness is Chloe Jackson. you. 12 (Witness sworn.) 13 JUDGE PRIDGIN: If you would, please state and 14 spell your name for the court reporter, and then you may 15 testify. 16 MS. JACKSON: Chloe Jackson, C-h-I-o-e 17 J-a-c-k-s-o-n. I'm actually testifying tomorrow night, and 18 tonight I'm testifying on behalf of John Ballanger, Junior. 19 That's J-o-h-n B-a-I-I-a-n-g-e-r. 20 He says, I'm a row crop farmer. 21 cow-calf breeding stock and background calves on my 22 property. I already have one 161 volt transmission line 23 across the farm, and I'm opposed to having another. 24 Contractors spook my cattle and bring disease 25 onto my land. There's no protocol in place to disinfect

1	equipment between farms. I oppose the Mark Twain
2	Transmission Line because I fear loss of my cattle.
3	I will have the added expense of haying or
4	cropping around the poles. I'm also opposed to the
5	proposed transmission line because I'm afraid that it will
6	make my GPS equipment worthless. Please say no to the Mark
7	Twain Transmission Project. Thank you.
8	(Appl ause.)
9	JUDGE PRIDGIN: Ms. Jackson, thank you. The
10	next witness is Liat Silverman.
11	(Wi tness sworn.)
12	JUDGE PRIDGIN: Thank you. If you would,
13	please, state and spell your name for the court reporter,
14	and then you may testify.
15	MS. SILVERMAN: Liat Silverman, L-i-a-t
16	S-i-l-v-e-r-m-a-n. I want to keep this short. I don't
17	need to take up much of people's time. I live in northeast
18	Missouri, and I oppose the transmission line. My opinions
19	have already been spoken by many people out here, so I
20	don't need to keep going. I'm here to deliver letters from
21	four of my neighbors who also oppose it. Thank you.
22	JUDGE PRIDGIN: Ms. Silverman, thank you. If
23	we could label those, I believe, as Exhibit 6.
24	(Exhibit 6 was marked for identification.)
25	THE REPORTER: Yes, sir.

MS. SHAPIRO: I ask to affirm. 1 2 (Witness affirmed.) 3 JUDGE PRIDGIN: All right. Thank you. If you 4 would, please state and spell your name for the court 5 reporter, and then you may testify. 6 MS. SHAPIRO: Ariel Shapiro, A-r-i-e-I 7 S-h-a-p-i-r-o. 8 I live within a mile of this proposed route on 9 an educational farm near La Plata. I am very concerned 10 about the effects of this route on our farm which hosts 11 hundreds of people every year, our neighbors on their 12 farms, and the many children who live along our road, as 13 well as the animals and plants that inhabit the diverse, 14 forested land that this line would greatly damage. 15 I have spent many hours walking these woods, 16 and I want to point out the hundreds of species that would 17 be affected by the loss of habitat this line would cause. 18 There are many species of migrating song birds that pass 19 through, bald eagles that nest there, monarch butterflies, 20 as well as the endangered Indiana brown bats that nest in 21 shagbark hickories. 22 ATXI could have chosen a different route along 23 existing roadways or easements where they would not have to 24 clear-cut forests. Instead, they chose a route through 25 forests and biologically sensitive areas as well as through

1	the heart of farms and in close proximity to countless
2	people's homes.
3	I urge you, the Missouri Public Service
4	Committee, to oppose the Mark Twain Transmission Project
5	and put people and life rather than corporate profits
6	first. Thank you for your time.
7	JUDGE PRIDGIN: Ms. Shapiro, thank you. That
8	is the last witness that I have signed up, but let me check
9	before we close. Is there anyone else who wishes to
10	testi fy?
11	(Show of hands.)
12	JUDGE PRIDGIN: Okay. I've got several hands
13	going up. Somebody come up first. I don't know any of
14	your names. Sorry. I can't call you.
15	JUDGE PRIDGIN: And if you'll please state and
16	spell your name for the court reporter.
17	MR. GOERS: Dale, D-a-I-e, Goers, G-o-e-r-s.
18	(Wi tness sworn.)
19	JUDGE PRIDGIN: Yes, sir. Thank you very
20	much. You may testify.
21	MR. GOERS: I preached for eleven years, and
22	sometimes when preacher's tell a story, they have to say,
23	well, this is a true story or this is not a true story
24	because maybe some of the things they say are not true;
25	okay?

Now, what I would like to affirm tonight is there may or may not be a Santa Claus; okay? I don't want to bust anybody's bubble. But one thing there is not. There is not a goose that laid a golden egg. Now, no matter what you heard, there is no pot of gold at the end of the rainbow. Darby O'Gill is not going to get a pot of gold from King O'Brien, the king of the leprechauns. There is no economic benefit from this power line. Here's the reason why. It's real simple.

I don't know how many of you have heard of the Mark Twain Casino at La Grange, Missouri. They talk about how all the money is just going to be pouring in from that. Well, if the people from Iowa come and spend money at the Mark Twain Casino, yes, we get money, but ever dollar they spend there is a dollar they don't spend in Iowa, so it's not an economic benefit in the sum total. The same thing's true of Illinois. Now, if everybody from Illinois came over to Mark Twain Casino, boy, think of what that would do for us. But what's it going to do for the people in Illinois?

If we took everybody's money on this side of the room and gave it to the people on this side of the room, think what that would do over here. You could fix up your house, you could buy a new car, whatever, take a vacation. Well, what's that going to do to your neighbors

1 over here?

So there is no economic benefit from robbing Peter to pay Paul; okay? We need to realize that. Now, this gentleman, Nate Walker encouraged him to buy gas in this community. I think that's fine, but he's not going to buy gas in five different communities. He's going to fill that car one time, and if he buys gas here, he won't buy gas someplace else.

Now, what we're going to do is Ameren is going to raise everybody's electric rates to pay for this. There is no free power line. If economic money is spent on this power line, it will be taken from somewhere else. It's robbing Peter to pay Paul.

It would be about like when North Shelby has a basketball game and you go there and you find somebody's that's not there at the -- or who is there at the basketball game, so you go to their home and while they're at the basketball game, you take stuff from their home. Think how that helps you. Oh, isn't that wonderful? But what does it do to them?

And I've lived in north Missouri since 1972, for 43 years. In north Missouri, we don't do things like that, do we?

(Appl ause.)

MR. GOERS: And that's what I see about power.

1 There is no economic benefit. You're talking about what 2 people are going to spend at motels and hotels and food and 3 vendors along the way. No, they have to take that money 4 from the poor people that pay their electric bill to give 5 it somebody else. There is no economic benefit. They' re 6 just going to raise electric rates on poor people who can't 7 afford it, so I am, therefore, opposed to the power line. 8 Thank you, sir. 9 (Appl ause.) 10 JUDGE PRIDGIN: If you'll state and spell your 11 name for the court reporter, please, sir. 12 MR. KADEN: I van Kaden, I -v-a-n K-a-d-e-n.

13

14

15

16

17

18

19

20

21

22

23

24

25

(Wi tness sworn.)

JUDGE PRIDGIN: When you're ready, sir.

MR. KADEN: I guess I don't know if I really would qualify this as testimony. It's more commentary and observation, and I would like to enforce a couple points to the Commission. First of all, I want to thank you for giving us this hearing.

It's easy for contractors and utility companies to quantify and calculate economics. It's not very easy for hundreds of landowners to put together an economic impact statement. The speaker from Shelby County pointed out that every agricultural entity is impacted differently.

I have Missouri Ameren on my line or on my -line on my property, and I am neighbors to Mr. Ballanger to
the south. That line, the new line according to the
proposed map, will be just east of the Missouri Ameren
line, and they're both going to be just to the east
boundary of my property.

I didn't really think there would be any impact for me honestly, but as I think about that, my operation is -- I have a small operation compared to my neighbor, Jeb Weaver. Actually, where I live is kind of the base of my operation, and I keep about 150 ewes and they're not there all the time, but when they're there, they're rotationally grazed through about six paddocks, and four of those paddocks have shade at the east end of that property. And that shade was sprouts when I bought the property, and now, 35 years later, it's pretty good shade and I can access that shade for all those paddocks and it's the only shade I have.

I'm not going to live long enough to replace it, to grow it, so there's an economic impact there for me. It's different than the economic impact for someone agriculturally, crop production, farming around that. The thing is, when you put the new line in, they're going to take those trees out.

You have a bunch of tree lovers here, you

found out, but it impacts everybody differently. And how do you calculate that and how do you add it up when you're sitting in your conference room weighing the testimony that you've heard? These contractors can say we're going to have so many hundred or a thousand man-hours of labor to build this line and that's going to be worth so much. You know, there are costs and consequences for the landowners that really are hard to quantify.

In terms of economics also, a couple of contractors who spoke, I want to reinforce to you guys that -- I heard one of them say and I guess they probably don't know who's going to get the contract if it's let. One of them said he's going to hire all local labor. There won't be any hotel stuff if he hires local labor. There would be people who would drive from Edina to Palmyra and back home. If much of the local labor was halfway in-between, those

The second, I guess my closing, is not so much economic as it is once again a metaphor, and this might be kind of a sensitive metaphor to use, but Ameren and the contractors, once this thing would be built a couple years from now, they're going to wash their hands of it so to speak. They're just going to use it.

people wouldn't be spending nights in motels.

But the metaphor is this. I've never had the misfortune of having a divorce, but friends and relatives

1 that I know who have had that misfortune, from my 2 observation, a divorce is never over. It lingers. And for 3 property owners who have the lines across their property, it's always there. It's never over. It continually 4 5 impacts you. 6 And I'll point out that Mr. Ballanger and I 7 put in a new fence a few years ago, and I assume Ameren 8 Missouri bought the gate where they had to cut the fence, 9 but they never show up to ask us if we need a new gate, so 10 I bought a \$150 gate. It was my end of the fence. If it 11 hadn't been for them needing it, I didn't need it. Same 12 way on the south end of my property. So it's never quite 13 over for Landowners. 14 (Appl ause.) 15 JUDGE PRIDGIN: Thank you for your testimony. 16 If you would, sir, please state and spell your name for the 17 court reporter. 18 MR. SMI TH: Bobby Smith. 19 (Witness sworn.) 20 JUDGE PRIDGIN: When you're ready, sir. 21 MR. SMITH: First of all, I'm not dressed very 22 good because I worked on a tractor all day today. 23 I've worked for Ameren UE for 36 and a half 24 years as a lineman, and you can't imagine at the growth. 25 started in 1949, and you can't imagine the growth that has

1 taken place since then. And the generators that we had 2 then, one was a 5,000 and one was a 2,500 and it served the 3 whole county, Queen City and all, and we built a 17,500 4 standby that we don't even use anymore, and so that's the 5 growth. 6 And the only thing I can tell you, if you 7 don't want the transmission lines, just quit using 8 electricity. That's just that simple. Just -- just, Mark, 9 when you go home, just throw your television out the So that's all I've got to say. 10 wi ndow. 11 I -- I think the only way we're going to keep 12 from having transmission lines is just quit using 13 electricity, and I understand that the line is coming from 14 Maywood down by Palmyra and it's going to the substation 15 and we called it 150 when I worked there, but they call it 16 Adair and it's out on Number 11 by Kirksville and I 17 installed the first transformer that was ever there, and so 18 that's all I've got to say. 19 You're going to have to have the transmission 20 lines if you're going to keep using electricity. 21 JUDGE PRIDGIN: All right. Mr. Smith, thank 22 you. I think I saw other hands go up. If you would, 23 please state and spell your name for the court reporter. 24 MS. GENTILE: Yes, my name is Erica, 25 E-r-i-c-a, Gentile, G-e-n-t-i-l-e.

1	(Wi tness sworn.)
2	JUDGE PRIDGIN: Thank you. Whenever you're
3	ready, ma'am.
4	MS. GENTILE: I oppose the Mark Twain
5	Transmission Line. I live in Kirksville. My life will not
6	be directly affected by this, but I know many people who
7	live whose lives will be affected by the power line. I
8	have concerns that people's ability to farm will be harmed.
9	I also have concerns that the power line will have negative
10	effects on the wildlife, and but the main reason for which
11	I'm against it is our concerns about the health of the
12	children and adults who live close to the line. Thank you.
13	(Appl ause.)
14	JUDGE PRIDGIN: If you'll please state and
15	spell your name for the court reporter.
16	MS. BRIGGS: I'm Gena Briggs, G-e-n-a
17	B-r-i-g-g-s.
18	(Wi tness sworn.)
19	JUDGE PRIDGIN: Thank you, ma'am. Whenever
20	you're ready.
21	MS. BRIGGS: What can I say? What do I have
22	to do to convince you that this transmission line project
23	is wrong, not just for the landowners, but for all of
24	Missouri? You have heard testimony that the power line
25	will ruin timber ground, reduce crop production, and limit

the future land use options, decrease land value, impact animals' and humans' health and habitat, disrupt small businesses, and interfere with the state's esthetics.

We have been told all along that the project is inevitable. To quote Peggy Ladd at the August 5, 2014 meeting in Kirksville, no is not an option. At ATI's -- ATXI's open house meetings, particularly the Thursday, October 30, 2014 meeting in Kirksville, we were treated disrespectfully and in some instances nearly criminal.

ATXI had armed security at that meeting and expected all attendees to register at the door, even when I had their mailed invitation in hand. No one, ATXI representatives or the security, could tell me why signing in was required. I talked to three representatives and two security personnel.

My husband and I were one of the five families that had intervened in the Cole County court case, and when ATXI reps associated my husband, he was blocked from entering that building. Speaking of disrespectful, how all-powerful and self-important can an entity to be to sue you, the PSC.

ATXI has stated that, quote, By improving the transmission grid, the Mark Twain Transmission Project will make it possible for more electricity to flow to customers, increasing access to lower cost energy. ATXI also declared

publicly that Missourians will pay for 8 percent of the total project cost with increased rates. How can it be lower cost to have to pay for a project with higher rates?

In a flyer that Ameren provided called The Truth About the Mark Twain Transmission Project, it states, quote, Missouri electric customers all along the route will benefit from the availability of electricity transported on the Mark Twain Transmission Project line.

Yet in the 19th Judicial Court -- Circuit
Court, Cole County, in Jefferson City, ATXI testified that,
quote, We are not holding ourselves out as an electric
service provider to the general public of Missouri.

ATXI is a startup subsidiary of Ameren

Corporation, created to sink or swim. If ATXI should not profit or worse, the subsidiary is designed so that Ameren will not be responsible or liable and Ameren's business ratings will not be harmed. If ATXI prospers, well, everybody wins.

ATXI has no business ratings, no credentials, no histories, and no guarantees. All this company would have to do is change its name and all contracts would become void. I'm not willing to gamble my part of my registered century farm on that. I oppose this project absolutely.

(Appl ause.)

1	JUDGE PRIDGIN: All right. Thank you, ma'am.
2	MR. SMITH: And by the way, I've got
3	transmission lines going through.
4	MS. BRIGGS: Sir, I have, too. I've got one
5	that runs north to south and east to west on my 8 acres.
6	JUDGE PRIDGIN: If we could get back to the
7	testimony, please. Thank you. Anybody else?
8	If you will state and spell your name for the
9	court reporter, please.
10	MS. JOHNS: My name is Kathie Johns,
11	K-a-t-h-i-e J-o-h-n-s.
12	(Wi tness sworn.)
13	JUDGE PRIDGIN: All right. Thank you. If you
14	would, please go ahead and give your testimony.
15	MS. JOHNS: I'm just one of the eight in the
16	Johns Family Trust. Before I came to the meeting tonight,
17	I was sitting in my easy chair and my son called and he
18	said, "What you doing tonight, Momma?"
19	And I said he's in Des Moines, Iowa, and I
20	said, "I'm going to the meeting tonight."
21	And he said, "You're wasting your time. He
22	said, We tried to fight them in lowa, too, and they did
23	what they wanted anyway."
24	I just want you to know that we will go down
25	fighting. We want to protect our land, our families, and

our way of living. 1 2 (Appl ause.) 3 JUDGE PRIDGIN: Ms. Johns, thank you. I see 4 another gentleman coming forward. 5 All right. If you'll please state and spell 6 your name for the court reporter, sir. 7 MR. SHIVELY: My name is Glen Shively, G-I-e-n 8 S-h-i -v-e-l -y. 9 (Witness sworn.) 10 JUDGE PRIDGIN: Whenever you're ready, sir. 11 MR. SHIVELY: I married a gal from Dubuque, 12 Her folks live south of Dubuque. They live at 13 Lamont. I don't remember what year it was they built one 14 of these 300-and-some thousand volt lines. A year later, 15 her dad come down with cancer and died. My uncle owned the 16 ground that John Ballanger has. He come down with cancer 17 and he has died. I'm thoroughly opposed to this. 18 I'm on a farm that my granddad was in World 19 War I that he come back from. He was in the trenches in 20 My great-grandparents had the farm before that. France. I'm the fourth one on it yet. I'd like to turn it over to 21 22 mv kids. Where they're talking about putting a line across 23 me is my great grandparents' homestead. And there's oak timber in there that's over 24 25 150 years old. What are they going to do with it? You

1	can't replace it. They're going to cut it down. I've seen
2	what they done with the transmission line up in Dubuque,
3	lowa. They cut it down. They cleared it out. They come
4	in with a helicopter one year when we was up there
5	visiting, and they had a big chain saw hanging down on a
6	cable from it. They come along and they hacked it off.
7	They keep it cleared.
8	I realize you've got to have electricity, but
9	like they've already stated, they've got the 160 over
10	there. We were propositioned with the big wind generators
11	years ago from a company out in Colorado. They couldn't do
12	it because the transmission line wasn't big enough over
13	west of us. Why not use the one that's already there
14	instead of tearing up some more ground and hurting so many
15	peopl e?
16	(Appl ause.)
17	JUDGE PRIDGIN: Thank you for your testimony,
18	sir. Anyone else? A few more hands.
19	And if you'll state and spell your name for
20	the court reporter, please, sir.
21	MR. HAWKINS: Clayton Hawkins, C-I-a-y-t-o-n,
22	Hawkins, H-a-w-k-i-n-s.
23	(Wi tness sworn.)
24	JUDGE PRIDGIN: All right. Thank you.
25	Whenever you're ready, sir.

3 4

5

6

7

8

9

10 11

12

13 14

15

16

17

18

19 20

21

22 23

24 25

MR. HAWKINS: I appreciate you taking your time and coming out tonight to hear our concerns and for being here and having three of these hearings across northeast Missouri so it could make it easier for all of us to get to them a little bit more conveniently.

And my dad has already talked about our hog operation earlier this evening, but one thing I wanted to bring up is biosecurity, and we've talked to Ameren at their open meeting, open houses, and mentioned biosecurity and how important that is and there's been PRRS and PED. They're pretty prevalent in the hog operations across America in the last couple years and the PRRS before that. There's many diseases in cattle and with any kind of livestock that we don't want to be transferred as farmers and could just have a major blow to the operation if we come down with those diseases.

Like there's trich in cattle, and if Ameren leaves a gate open and the neighbor's bull has trich, then he could come over and infect our cattle herd, or if Ameren, we've asked them if they do go ahead and come through with the proposed line that they would be biosecure by having -- washing their equipment down with di si nfectant.

It's very important even if they're not coming across where an actual hog operation is because manure can

be pumped out on other fields where there's not even a hog operation coming across, and so -- and you can pick up the contamination on the highway or up and down the gravel roads and it could affect many farmers, and that's just an example for us.

And we also talked about bringing jobs into -to the local economy here, even though we hear from people
from different states. I don't know. The definition of
local is pretty loose, it sounds like. But anyway, we
talked about how we want to bring jobs back to America, and
here we are, some of the only ones left are American
farmers and we're --

(Appl ause.)

MR. HAWKINS: We're in the bread basket of the world. We have and we want to continue to be that way. We want to -- we don't just feed these folks, but we feed people all around the world and we have an important job and I hope and pray that you'll allow us to continue to do that and not be interfered with all these power lines that are just cutting across places that don't have power lines already when we have existing right of ways.

Another question I have is what is green, clean energy when we could -- when we're knocking down trees and tearing up our ground and we have these big lines coming across? And our little electric fence will be hard

on the green plants along it and kind of dry them out, and that's just a few volts. What about 345,000 volts coming across, damaging, drying out our corn field? We already have enough problems with drought in Missouri. We can go from flood to drought in two weeks and dry out and it looks like it will be less if we have a big power line drying out the soil.

I know green and clean doesn't mean allowing erosion to come from where they clear out these paths. It sounds like some of these people need to -- from Ameren ought to take some classes down at the University of Missouri to understand our agricultural operations. It takes nearly a hundred years to build up one inch of topsoil, and with the amount of equipment that Ameren's going to come through with, it could be gone in one storm within a night.

And we've got to protect what we have left here in the U.S. as far as our jobs and our security and everything. Farmers are very -- to be a farmer, you have to be very economical about how you go about things. We try to be efficient in our energy use and turn whatever we need off whenever we're not using it and those that haven't probably aren't in business anymore and we're the few that are still in business and I just hope that -- I hope that we can put an end and oppose this line so we don't have a

snowball of terrible effects on us and the rest of the 1 2 world for years to come. Thank you. 3 (Appl ause.) 4 JUDGE PRIDGIN: Thank you. Anyone el se? 5 If you'll state and spell your name for the 6 court reporter, please. 7 MS. GAMES: Deborah Games, D-e-b-o-r-a-h G-a-m 8 as in Mary e-s. 9 (Witness sworn.) 10 JUDGE PRIDGIN: Thank you, ma'am. Whenever 11 you're ready. 12 MS. GAMES: I wanted to say that I'm 13 disheartened that none of the commissioners were able to 14 make it tonight, and I'd actually like to speak again 15 tomorrow night so that I could look them in the eye, but I 16 wanted to share some of what I had in mind. 17 I'm concerned this project doesn't provide a 18 benefit and that benefit to Missouri. Ameren Missouri 19 doesn't need the energy, with their electricity generation 20 being reduced by 7 percent in their 20-year plan. Ameren 21 Missouri is the only utility that's part of MISO in 22 Missouri that has an RPS mandate. The rural electric 23 cooperatives, the only other utility companies in northeast 24 Missouri, are not planning to use Mark Twain. 25 The RECs serve 30 percent of the meters in our

five counties. Ameren Missouri serves 58 percent of the meters in our five counties, but half of the 58 percent that Ameren Missouri serves is just through the town of Hannibal, which is actually operated through the town itself.

There are no operating wind farms in Missouri that are planning to use Mark Twain. There are no proposed wind farms that are planning to use Mark Twain. There is no plan to develop wind energy in the state of Missouri, and we're being told this line is for wind energy.

When Shuteye Creek Wind Farm was terminated in 2012, TradeWind's CEO Rob Freeman said, It's increasingly evident that the wind energy market in Missouri will simply not develop in the foreseeable future, given the lack of interest in wind energy in the state.

There are no significant reliability issues in northeast Missouri. There are only alleged reliability issues starting in 2021 and then beginning to drop off in 2026, according to an engineer with a Ph.D. in electrical engineering from MIT who evaluated our case.

Mark Twain is not needed for Ameren Missouri's plan to add 400 megawatts of wind energy. The Department of Energy projects a major decline in wind power growth in the United States after 2016. The federal wind tax credit has expired, and wind development will not continue without

it because the wind farms are cost prohibitive and unsustainable.

Mark Twain would devastate or destroy almost 300 family farms, including century farms, and 54,000 acres of farmland in northeast Missouri. ATXI is not going through farms in Illinois or MidAmerican Energy is not going through farms in Iowa, and those are the states which benefit the most from the line because they produce the most wind energy in MISO of all the states in MISO and are selling it to the East Coast.

In Illinois, ATXI must observe property boundary lines, and in lowa they are using existing easements and upgrading an existing 161,000 volt line to accommodate their 345,000 volt line.

ATXI proposed a route which minimized their costs, but then the burden of increased cost is placed on our farms instead. ATXI would maximize its profits as FERC guarantees a 12.38 return -- excuse me. A 12.38 percent return on equity. It makes it virtually risk-free from ATXI with a forward looking rate calculation.

Our farms aren't earning anything from this

line. In fact, they are losing farm income and being
inadequately compensated for the amount of land that will
be taken out of full production forever. Furthermore, they
would bear the increased expenses of a 345,000 volt line

interfering with farming. This cost can be up to \$200,000 per farm or more.

Under the Right to Farm Law passed in August of 2014, ATXI does not have the authority to take farmland out of productive use, and it's a constitutional law to protect Missouri's number one industry, agriculture. The Right to Farm Law protects farms so corporations can't devastate or destroy farms to maximize corporate profit.

ATXI calculates the cost of this project as 8 percent of the total project cost of 224 million, or about \$18 million, to Missouri rate payers, totaling less than one dollar per household per month. However, the real cost is to our farms in loss of farm income due to reduced production and increased expenses. Farm expenses just to accommodate the line could be over \$50 million. This doesn't include the production income loss forever. When this real cost is included, the cost far outweighs the benefit in Missouri.

Mark Twain requires upgrading the electrical system from no code to national electrical code at the farmer's expense. That alone makes this line cost prohibitive to everyone on it.

Other expenses include losing hundreds of acres of valuable topsoil due to construction, having to buy out a CRP contract which can't be honored because it

requires annual burning which cannot be done under the line, farms cannot use portable electric fencing under or near the line -- this was mentioned earlier -- replacement of GPS systems which won't work properly near the line, electronic weigh scales on the grain cart that need to be replaced, metal storage bins with electric lines located under or near the line would pose a safety risk, crop loss from acres that cannot be sprayed by a crop duster because they are under or near the line, price of cattle killed from stray voltage near the line, income loss due to the renter asking for less cash rent per acre, income loss from leased hunting ground due to construction and maintenance, less crop yield due to soil compaction, et cetera. The list goes on and on.

These expenses can reach 200,000 or more per farm, not including the annual loss of income of up to \$60,000 or more per farm. These would be out-of-pocket expenses to financially strained farms. These actual tangible expenses should be included in a cost-benefit analysis of the project. If ATXI is going through farms to save costs, they should be required to compensate the farms for these added expenses. Otherwise, ATXI is maximizing profits by passing what would be their costs onto the farms.

(Appl ause.)

MS. GAMES: ATXI's costs for the line is \$2 million per mile. If they cut through farms to take the straightest distance between two points, they save costs. If they save 10 miles of transmission, they've saved \$20 million, but it's costing the farms \$50 million. If ATXI were held accountable for this cost, it would be more cost effective for them to avoid farms.

And even going along the property boundary
line of a farm, if the easement is on productive farmland,
the same loss of income and increased expenses applies. In
ATXI is held accountable for these costs, then ATXI is
financially motivated to consider using existing easements

or upgrading existing lines.

One farm mentioned earlier will lose \$60,000 annually forever. That's \$6 million a century on a century farm. ATXI devastates the poorest counties in Missouri and then brags the cost to Missouri is only \$18 million. This is false. They do this by ignoring inconvenient costs, inconvenient truths. This perpetuates erroneous decision-making on everyone's part.

Now that Missouri has a Right to Farm Law and productive farmland is protected, these costs should become part of the equation in the cost-benefit analysis.

Evaluating true actual costs support everyone in making the best decisions, where farmland is rightfully avoided, use

1

3

4

5 6

7

8 9

10

11 12

13

14

15

16

17

18 19

20

21 22

23 24

25

of existing easements is maximized, and existing lines are upgraded for the lowest cost option.

The only benefit to Missouri is a small amount of tax revenue. Even if it's promised to last 20 years, the damage to our farms will last for centuries. Money is not a reason to obliterate our livelihoods, violate our Right to Farm Law, and violate our constitutional property rights.

We're grateful to have an engineer who cost-justified upgrading an existing 161,000 volt line to 345,000 volts instead of building this line. He also suggests using rooftop solar to reduce some of the 400 megawatts of wind that Ameren Missouri plans to purchase. This would minimize land use impact and provide the lowest cost to rate payers.

The weather in Missouri has been enough of a challenge for farmers. Three of the four last years has either been drought or excessive rain. This year estimated farm losses for each of the counties on the line are approximately 2.4 to 4 million dollars per county. Farms in this area have enough challenges without the added burden of corporate interests.

Someone mentioned earlier that Schuyler County is the poorest county in the state of Missouri. Adairis the fifth poorest, where one in four people live below the

federal poverty line and are food insecure. ATXI will contribute to this by financially devastating 300 farms. Our community is working hard to decrease the number of people who are food insecure. I ask for your support with that, even if it means that ATXI is not maximizing their return to shareholders. Everyone deserves to eat. The Missouri Department of Conservation recommended ATXI choose a route which destroy the least number of forest blocks for the endangered Indiana bats and the migratory birds, and a route which utilized more

existing easements and largely followed a roadway.

Instead, ATXI destroyed more forest blocks, used almost no existing easements, and diagonally goes through farms.

We're concerned that ATXI continues to sue the Public Service Commission, indicating they shouldn't need to check with the state regulatory authority to site in Missouri because they have FERC approval and don't sell to Missouri customers. Even when the PSC approved a certificate of convenience and necessity for ATXI's Illinois River Project in Missouri, the 12-mile stretch, ATXI responded by indicating they actually didn't need the approval.

It's important to discern whether projects are essential. As we know, MISO has plans to spend 25 billion in the next 25 years. MISO has already planned another

four transmission lines in Missouri, one of which is in northeast Missouri. Proposed transmission projects will continue for at least the next decade according to an analyst at S&P Capital IQ. We respectfully object to our farms being obliterated by continued proposed transmission lines.

A vast majority of landowners are opposed to this line for legitimate reasons. We request that the Public Service Commission require ATXI to provide a cost-benefit analysis of all the alternatives evaluated. We understand that ATXI is required to present a cost-benefit analysis of the project alternatives considered.

Please take heed of our county commissioners' decision to oppose the project and do what's right for the farmers and citizens of Missouri. We ask for your help in defending our farm rights and our constitutional property rights. We count on your help.

Please deny ATXI franchise or at least disapprove the Mark Twain project. We're not willing to forfeit our farming rights or property rights to corporate profit. Thank you.

(Appl ause.)

7

8

9

10

11

12

13

14

15

16

17

18

19

20

21

22

23

24

25

MS. GAMES: One more thing. I want to echo the words of the President of the Missouri Cattlemen's

Association, Janet Akers, "How much land currently in 1 2 production agriculture has to go away before we put an end 3 to this? The concerns in rural America and within the 4 cattle sector are real." 5 (Appl ause.) 6 JUDGE PRIDGIN: Thank you. Anyone el se? 7 All right. I don't see any hands. Anyone 8 el se? Doubl e-checki ng. 9 All right. With that, I do want to thank 10 everyone who testified tonight. I want to thank everyone who attended but did not testify. We appreciate you coming 11 12 out. We appreciate your remarks and the research that 13 you've put in. 14 Again, the Commission apologizes for not 15 having a commissioner here. Unfortunately, one of our 16 commissioners is attending to the funeral of her mother, 17 and that's the reason she's not here. Otherwise, thank you 18 very much, and that concludes tonight's local public 19 We're off the record. hearing. Thank you. 20 (The hearing was adjourned at 9:59 p.m.) 21 22 23 24 25

1	INDEX					
2	WI TNESS:	PAGE:				
3	John Bliven	6				
4	Marla Murphy Curt Peitzman	8 14				
4	Jeannette Gregory	15				
5	Ken Knobbe	17				
	Scott Plocher	18				
6	Jeff Brawner	19				
7	David Sidwell	22				
7	Frank Miller Sharon Johns	26 27				
8	Randy Johns	33				
Ü	John Hoffmann	36				
9	Connie Hoffmann	40				
4.0	Tammy Wheeler	41				
10	Charles Wheeler	44				
11	Andy Canopy Jean Si dwel I	45 45				
	Victoria Albright	47				
12	Julia Jack-Scott	49				
	Keith Kerby	57				
13	Tandy Hawkins	58				
14	Margaret Hollenbeck 65 Larry Schweitzer	69				
17	Annette Sweet	72				
15	Kaitlyn Meyer	74				
	Jeb Weaver	78				
16	Debra Leunen	82				
17	Joni Newland Jason Haxton	89 94				
1 /	Lorraine Austin	102				
18	Herb Austin	103				
	John Beaver	105				
19	Stephen Shapi ro	109				
20	Representative Nate Walker Chloe Jackson	111 113				
20	Liat Silverman 114	113				
21	Ari el Shapi ro	115				
	Dale Goers	116				
22	I van Kaden	119				
22	Bobby Smith	122				
23	Erica Gentile Gena Briggs	124 124				
24	Kathi e Johns	127				
- '	Glen Shi vel y	128				
25	Clayton Hawkins	130				

EA-2015-0146 - VOL. 3

1		EXHIBITS		
2			PAGE	
3	Exhibit 1	Murphy photos (8 pages) 13		
4	Exhibit 2	Johns photos (8 pages)	33	
5	Exhibit 3	Correspondence from Hawkins family	65	
6		(3 pages)		
7	Exhibit 4	Valuation Guidelines for Properties	65	
8		with Electric Transmission Lines		
9		by Kurt C. Kielisch (21 pages)		
10	Exhibit 5	Leunen photo (1 page)	89	
11	Exhibit 6	Correspondence from Ma'ikwe Ludwig,	114	
12		Danielle Williams, Liat Silver,		
13		and Micah Wood (4 pages)		
14				
15				
16				
17				
18				
19				
20				
21				
22				
23				
24				
25				

CERTIFICATE OF REPORTER

Reporter and Certified Court Reporter within and for the State of Missouri, do hereby certify that the foregoing record of proceedings and testimony of witnesses was taken by me to the best of my ability and thereafter reduced to typewriting; that I am neither counsel for, related to, nor employed by any of the parties to the action in which this hearing was taken, and further that I am not a relative or employee of any attorney or counsel employed by the parties thereto, nor financially or otherwise interested in the outcome of the action.

Stephanie Prewitt, RPR, CCR No. 72

		I	I	
A	accurately 90:2	91:20	afford 60:9	allow 25:13
A-l-b-r-i-g-h-t	acre 60:23,24	addition 14:23	92:23 119:7	26:17 35:25
47:20	61:1 83:2	18:21 25:16	afraid 58:15	40:8 66:12
A-n-d-y 45:7	137:11	45:13 51:14	77:22 82:12,13	131:18
A-n-n-e-t-t-e	acreage 15:25	90:4 92:2	82:15 87:17,18	allowed 90:5,10
72:14	35:2 52:1 61:5	additional 11:6	88:16 114:5	92:25
A-r-i-e-l 115:6	acreages 61:17	16:3,6 60:17	afterward 56:6	allowing 15:16
A-u-s-t-i-n	acres 8:24 19:19	113:6	age 82:19	44:16 113:7
102:2 103:8	22:22 23:4	Additionally	agencies 71:20	132:8
A.T 53:10 94:8	27:22 42:14	18:21	Agency 53:25	alongside 31:16
101:3	50:1 60:8 61:6	addressed 5:5	ago 11:16,21	altering 31:5
abandon 28:10	61:8,15,16	adds 59:25 71:3	35:6,8 42:14	alternative 1:12
ability 8:17,20	84:5 85:21	adjourn 3:4,5	47:20 52:24	38:11 51:7
37:6 38:6	87:5,5 96:24	adjourned	64:21 65:1,13	alternatives
79:10 88:25	106:19 127:5	142:20	73:1,12 78:8	51:11 55:11
124:8 145:7	135:4 136:24	admitted 56:7	94:10 99:13	141:10,12
able 7:15 11:5	137:8	adult 48:17	102:4 103:11	altogether 51:18
13:3 16:13	acting 53:3	adults 124:12	122:7 129:11	aluminum 16:9
24:8 31:6,12	action 55:5	advance 6:5	agree 23:5 94:4	amazed 108:10
34:5 37:14	145:9,13	23:25	104:14	amazes 102:7
38:14 40:25	actions 23:17	advances 91:16	agreement 23:6	Ameren 1:11 2:8
42:24 52:11,16	25:3	advent 38:11	23:11 52:14	3:21 8:9 9:1,17
66:15 70:23	activate 86:10	adverse 35:22	agrees 48:11	10:6,11 13:1,7
74:1 83:24	activities 10:23	60:18 78:16	agricultural	14:24 18:18
86:4 133:13	11:1 22:25	adversely 14:16	75:13 119:24	20:6,13,13
abruptly 31:21	actual 56:9	advertising	132:12	21:5,19,20
absolutely	130:25 137:18	23:23	agriculturally	22:21 23:9,14
126:24	138:24	advised 23:3	120:22	24:13,18 25:3
abundant 92:8	Adair 4:25 5:1	aerial 8:21 60:20	agriculture 85:1	26:14 28:18,19
acceptable	5:10 12:16	61:9,11 84:23	136:6 142:2	31:6 32:5 45:8
78:19,20 79:18	19:18 35:10	85:13	ahead 3:4,8	45:10 46:11,13
access 14:12	47:22 49:21	affect 11:1 28:21	62:12 64:18	46:18 47:4
21:16 26:17	72:17 73:15	34:19 35:3,11	127:14 130:20	56:20,25 57:25
42:25 65:5	77:21 95:21	35:22 60:10	air 34:7 39:17	58:6 59:10,14
71:1 72:24	111:6 123:16	66:10,14 67:17	Akers 142:1	59:18 61:2
83:8,8,14,15	139:24	72:20 82:12	Albright 47:12	62:8,18 63:9
107:5 120:17	Adair-Schuyler	131:4	47:13,19,19	63:14,21 64:16
125:25	44:10	affirm 115:1	49:4 143:11	65:13 70:13
accident 96:6	add 16:3 20:11	117:1	Alexandria 12:9	72:20 73:8
accidental 37:10	66:20 90:21	affirmation	all-powerful	75:7,11 79:25
accommodate	121:2 134:22	47:13	125:20	80:4 82:22
135:14 136:15	added 114:3	affirmed 5:17	alleged 134:17	83:23,23 84:13
accountable	137:22 139:21	47:15 65:21,23	alleys 62:4	85:9,12 86:12
138:6,11	adding 71:9	115:2	allotted 32:4	87:9 88:22

		•		
95:23 97:8,25	143:10	25:22 27:13	90:13 93:2,4	25:2
108:2 112:11	animal 105:5	30:14 33:4	140:17,22	Ariel 115:6
118:9 120:1,4	animals 79:10	36:3 39:12	approve 16:18	143:21
121:20 122:7	104:6 115:13	40:12 41:18	89:4 104:21	armed 125:10
122:23 126:4	animals' 125:2	43:24 47:10	approved 40:1	Army 78:11
126:13,15	Annette 72:9,14	49:3 55:2	87:4 92:12	arrive 23:24
130:8,17,20	143:14	57:11 58:17	107:8 140:18	arthritis 43:8
132:10 133:18	announced	64:14,23 65:7	approximate	asked 55:10 80:5
133:20 134:1,3	112:13	69:2 76:24	30:4	80:5,10 130:20
134:21 139:13	annual 137:1,16	79:21 81:24	approximately	asking 16:17
Ameren's 2:15	annually 63:2,7	89:5 92:15	7:8 17:16,19	137:11
9:21 12:19	138:15	93:12 98:8	17:20,25 27:24	associated 1:15
23:16 32:11	answer 56:21	99:8 101:14	28:1 45:15	4:25 17:23
33:24 49:1	75:8 80:5	104:13,22	60:22 62:22	125:18
57:6 60:15	anthrax 9:24	108:19 110:12	81:3 89:23	Associates 17:16
78:17 85:17	antibiotic-free	110:23 113:9	139:20	Association
87:4 98:21	61:25	114:8 118:24	aquatic 84:21	142:1
126:16 132:14	anybody 32:23	119:9 122:14	87:23	assume 122:7
America 130:12	127:7	124:13 126:25	area 9:4 11:5,6	ATI's 125:6
131:10 142:3	anybody's 117:3	128:2 129:16	11:18 12:11,17	attempting
American 42:22	anymore 68:6	131:13 133:3	14:18 15:25	108:3
42:23 131:11	68:20 123:4	137:25 141:23	17:14 18:4,20	attend 48:1
Amish 51:6	132:23	142:5	18:22 28:7	attended 80:3
96:19,20 97:10	anyone's 6:6	application 1:11	43:11 45:15	105:18 142:11
97:15 98:17	anyplace 23:16	8:22 19:21	52:19 58:2	attendees
99:10,25 101:6	anyway 21:1	40:9 41:16	62:18 66:6,11	125:11
amount 12:13	63:25 64:10,19	60:20 61:9	66:12 69:19	attending
15:2 18:1	65:6 67:24	84:23 85:10,13	70:11 72:16	142:16
23:21 26:19,25	73:23 78:9	applications	73:14 74:4	attest 31:5
27:5 32:8	80:10 81:15	34:8	75:16 82:13	attorney 2:6,9
62:25 107:8	127:23 131:9	applicator 61:11	83:13,14 84:11	2:12,16 24:23
132:14 135:23	apart 73:24 83:1	applied 4:23	88:1 90:6 91:2	145:11
139:3	86:15	applies 138:10	92:8,14,19,23	attorneys 27:10
amounts 56:7	apologize 6:5,7	appreciate	94:7 96:9,22	ATXI 3:18 4:22
109:12	15:8 18:8	10:12 50:15	97:6,10 102:5	10:4 12:3
analysis 137:20	77:22,25	64:13 101:8	105:25 106:4	16:16 26:15
138:23 141:10	apologizes	111:19,20	107:9 109:10	29:1,4,6,7,11
141:12	142:14	112:7 130:1	109:20 139:21	29:20 30:12
analyst 141:4	Appanoose 81:5	142:11,12	area's 84:19	34:12 38:20
ancestors 38:5,5	appear 91:20	appreciation	areas 68:15	51:22 52:11,15
anchors 7:2	appearance 3:18	99:21	70:22 87:21	53:1 54:7 55:4
and/or 60:17	appears 91:1	appropriate	108:9 115:25	55:18 56:3,23
Andrew 95:7	applause 20:24	94:15	argued 24:18	57:9 89:3
Andy 45:1,7	21:21 22:2	approval 4:23	argument 24:14	92:10 115:22
	l		l	

	l	l	l	
125:10,12,18	aware 46:19	113:18 120:2	begun 94:12	better 3:11
125:22,25	73:19 76:2	122:6 128:16	behalf 3:21,24	12:18 95:8,11
126:10,13,14		barn 9:20	3:25 4:4,5,9,14	95:12 98:2,11
126:17,19	B	barns 11:4	4:16 22:14	98:24 99:5
135:5,11,15,17	B 2:6 55:15	barred 29:7	46:5 74:23	104:11
135:20 136:4,9	144:1	base 21:1 120:11	77:23 89:19	beyond 61:4
137:20,22	B-a-l-l-a-n-g-e-r	based 88:6	90:17 102:12	84:24
138:5,11,11,16	113:19	97:18	113:18	big 11:22 28:22
140:1,5,8,12	B-e-a-v-e-r	basically 96:1,9	belief 59:21	56:17 69:14
140:14,21	105:5	97:3,9 98:18	64:20	71:8 94:25
141:9,11,19	B-l-i- 6:18	99:5 100:5,13	beliefs 97:20	96:21 98:21,22
ATXI's 27:23	B-r-a-w-n-e-r	100:24	believe 6:20 26:8	102:4 110:2,9
28:7 40:9	19:13	basket 71:6	39:3 41:9	129:5,10,12
41:16 56:12	B-r-i-g-g-s	131:14	44:15 46:23	131:24 132:6
90:15 93:10	124:17	basketball 110:6	58:16,19,19	bigger 31:11
125:7 138:1	B-y-e-r-s 49:11	110:6,7,10,14	59:16 88:19,19	bill 46:7 119:4
140:19	baby 31:9 42:10	113:2 118:15	99:3 112:25	billion 140:24
auditors 70:15	52:23 54:8	118:17,18	114:23	billions 98:22
Audubon 88:14	back 30:18	bat 88:3	believer 94:3	bills 35:16 71:13
August 125:5	31:12 35:6	bats 11:14 88:5	belongs 68:13	88:24
136:3	42:5 62:10	115:20 140:9	benefit 14:18	bins 11:4 137:6
Austin 101:20	64:17 66:7	Baumgarten	18:20 21:24	biodiverse 52:19
101:20 102:1,1	78:22 84:25,25	93:20	26:10 35:20	biologically
102:3 103:3,8	102:18 107:18	beans 33:21	56:18 74:10	115:25
103:8 104:14	111:17 121:15	bear 135:25	75:12 88:24	biologists 85:6
104:23 143:17	127:6 128:19	beautiful 52:9	93:7,7 104:19	biosecure
143:18	131:10	52:18 55:22	109:22 117:8	130:21
authority 136:4	backed 55:24	103:13	117:16 118:2	biosecurity
140:16	background	beauty 42:18	119:1,5 126:7	130:8,9
Authorizing	113:21	102:6	133:18,18	bird's-eye 99:14
1:13	backgrounds	Beaver 104:24	135:8 136:18	birds 42:19
autoimmune	53:8	105:4,4 108:20	139:3	88:15 115:18
86:1	backyard	143:18	benefited 103:23	140:10
availability	110:19	bedroom 34:1	benefits 47:9	birth 48:23
126:7	bad 94:25	bedrooms 28:16	72:24 109:8,10	bishop 93:19
available 91:18	badly 95:3	beef 8:19 12:24	Benny 7:13	97:8 99:12
Avenue 78:6	bag 38:23	beekeepers 66:5	Berkshire 80:17	100:23
average 17:15	balance 57:7	bees 51:19 52:4	best 6:4 20:3	bit 3:10 20:16
avoid 70:13,23	104:17	66:10,14,15,18	22:23 25:2	97:6 130:5
138:7	balanced 71:11	67:9,14 76:2	26:9 40:5	black 9:23
avoided 26:13	bald 11:13 42:20	beg 12:3	46:12 54:23	blacktops 11:3
138:25	115:19	beginning 3:18	76:17 91:20	blades 11:25
awarded 79:2	bales 50:2	112:11 134:18	113:4 138:25	blame 98:18
84:25	Ballanger	begins 83:7	145:7	bled 95:2

	I	I	 I	I
bleeding 95:13	brags 138:17	Buffett 80:18	60:25	C-u-r-t 14:2
Bliven 6:12,17	brain 48:17,22	buffoon 98:9	bushels 60:23,24	cabins 23:23
6:18 7:12	Brandenberger	buggies 97:17	business 6:24	cable 129:6
143:3	101:16	100:1	23:22 35:23	CAFO 96:17
blocked 125:18	Brawner 19:8	build 10:10 11:5	68:23 69:11	CAFOs/pig 96:7
blocks 140:9,12	19:12,12 20:25	12:4 27:23	94:23 95:23	calculate 119:21
blow 130:15	21:22 22:3	28:14 29:1	96:14 97:13	121:2
Blueberry 97:15	143:6	49:1 54:11	98:21,22 99:1	calculates 136:9
board 21:2,6,12	bread 131:14	80:20 81:17	101:10,10	calculation
70:21 102:13	break 6:8 11:23	103:20 112:21	126:16,19	135:20
102:14,24	60:23 77:4,5	112:24 121:6	132:23,24	calf 8:19
boards 21:15	breaking 29:22	132:13	business' 94:20	California 48:15
boating 10:23	52:13	builder 105:15	businesses 94:19	call 5:13,14
Bobby 122:18	breaks 11:13	105:15 106:7	94:21 95:15	21:13 77:6
143:22	breed 78:22	building 11:2	125:3	81:1 98:16
bodies 86:6	breeding 86:13	22:22 24:15	businessman	116:14 123:15
body 95:18	113:21	28:5 46:19	80:19	called 52:12
Bonn 17:4	Brent 55:21	49:25 50:1,7	bust 117:3	105:19 123:15
book 23:24 24:2	Briggs 124:16	57:1 108:5	butterflies	126:4 127:17
Boonville 63:10	124:16,21	125:19 139:11	115:19	calves 78:22
bootheel 102:15	127:4 143:23	buildings 12:1	butts 95:19	113:21
border 1:15 11:3	bring 14:20	62:16	buy 14:23,25	campaign 56:12
58:1 80:1,14	31:23 45:15	built 11:5 24:18	69:25 70:1,2,3	cancer 43:12
bore 83:3,5	74:6 85:17	28:24 38:13,24	105:25 117:24	48:17 53:14,18
born 19:18 48:6	101:5 110:16	39:21 48:7	118:4,6,7	54:3 106:16
48:6 103:10	110:20 113:24	50:3 72:19	136:25	128:15,16
bottom 19:21	130:8 131:10	73:18 94:16	buyers 55:24	Cancer's 53:25
26:23 29:2	bringing 107:18	113:1 121:21	buying 28:5	cancers 48:14
83:20 84:10	109:10 131:6	123:3 128:13	92:19	Canopy 45:2,7,7
bottoms 68:8,9	brings 52:21	bulk 67:2	buys 118:7	45:17 143:10
68:12	Brody 79:12	bull 130:18	Byers 49:5,10,10	capacity 74:1
bought 12:5,7	brother 46:3	bulldozed 83:3	bypass 73:1	capita 82:20
28:12 42:14	59:5	83:14		capital 33:13,14
47:22 49:25	brothers 31:16	bunch 120:25	C	141:4
95:17 96:23	brought 68:3	burden 24:12	C 2:1 3:1 144:9	car 42:9 112:8
120:15 122:8	85:14 91:15	51:9 135:16	C-a-n-o-p-y	117:24 118:7
122:10	104:1 105:24	139:22	45:7	carcinogen 54:2
bound 29:4	brown 115:20	Bureaus 44:10	C-h-a-r-l-e-s	carcinogens
boundary 22:24	brush 54:5	burned 95:2	44:7 75:1	54:4
85:22 120:6	84:12 85:14	burning 11:24	C-h-l-o-e 113:16	cardiomyopat
135:12 138:8	brushy 84:15	34:24 81:7	C-l-a-y-t-o-n	85:24
Box 2:3,7,10	bubble 117:3	95:12 137:1	129:21	care 9:17,18
3:20 4:1,6	buck 104:11	bush 76:8	C-o-n-n-i-e	10:4 12:15
boy 117:18	bucklings 86:14	bushel 60:20,22	40:18	24:8 39:16,17
•		<u> </u>		<u> </u>

	1	1	<u> </u>	ı
59:8 68:18	87:22 115:17	126:21	Circuit 5:5	client 45:8
100:2	caused 88:11	changed 55:11	126:9	clients 23:24
cared 39:19	CCR 1:24	78:19 105:21	cities 56:18	close 16:5 32:6
career 71:25	145:16	changes 55:7	109:16,19,21	43:16 47:21
careful 100:16	cease 19:22	chargers 63:8	citizens 24:21,25	54:10 55:4,16
carefully 25:19	cell 99:18	charges 63:6	25:6,17 46:11	58:14 66:13
Carpenter 48:12	cemeteries 97:4	Charles 44:1,6	47:7,9 71:12	82:9 85:20
carpetbaggers	Central 88:10	74:24 75:1	92:24 102:14	91:22 92:3
98:16	Centralia 6:25	143:10	141:16	116:1,9 124:12
Carquests 70:2	7:1 59:11	cheaper 20:7	city 1:8 2:4,10	closeness 90:8
carry 52:23	cents 80:23	check 116:8	2:14 4:2,6,11	closer 101:3,5
94:22	centuries 139:5	140:16	27:21 33:21	closest 54:17
carrying 83:11	century 126:23	checked 63:9	42:6,6 92:20	closing 81:18
cart 137:5	135:4 138:15	101:21	95:20 102:20	121:18
case 38:18 48:20	138:15	child 32:11	111:6 123:3	clue 99:24
91:18 98:2	CEO 134:12	54:10,14 56:10	126:10	coal-fired 11:19
125:17 134:20	certain 43:19	100:16	civil 14:3 17:6	81:6,7,13
cash 137:11	67:16 105:11	childhood 31:18	17:18 18:17	Coast 67:23
Casino 117:11	109:11	46:22 48:9,14	claim 42:24	135:10
117:14,18	certainly 7:22	48:17 53:18	97:14	cocky 112:14
Casual 91:5	30:19 47:14	children 33:16	classes 132:11	code 16:8,8
catastrophic	57:5 99:22	46:9 47:25	classic 38:18	136:20,20
75:18	107:18	48:5,8,24,25	classification	Cole 125:17
catch 11:24	certificate 1:12	53:15,24 54:16	54:1,2	126:10
catchment 50:24	40:10 41:16	54:20 55:5	classifications	collapse 52:7
cattle 8:15 9:16	57:9 68:24	79:15 89:24	54:6	collateral 78:20
11:13 33:22	90:15 93:10	92:21 94:18	Claus 117:2	78:20 79:18
37:2,20 40:20	140:19 145:1	110:21 115:12	clay 50:9,11,12	91:5
41:6 60:14	Certified 145:4	124:12	50:18 83:20	college 35:7
62:2 76:6,7	certify 145:5	Chloe 113:11,16	84:8	105:19,20
78:14,23 79:3	cetera 9:14	143:20	Clayton 129:21	collision 37:10
79:14 90:9	72:25 137:13	choice 32:16	143:25	colonies 88:5
107:1 113:24	chain 129:5	55:13	clean 7:7,9	colony 52:6 88:7
114:2 130:13	chair 110:7,8	choose 90:4	39:17,17	Colorado 129:11
130:17,19	127:17	140:8	131:23 132:8	colors 57:23
137:9 142:4	chairs 110:3,5,5	chose 42:18	clear 30:9 91:12	Columbia 2:7
cattlemen 81:19	challenge 139:17	115:24	132:9	3:21 6:19
Cattlemen's	Challenger 10:1	chosen 115:22	clear-cut 52:18	combine 34:7
141:25	challenges	chronic 86:3	83:14 84:4	111:24
caught 71:17	139:21	chunks 85:15	115:24	combined 86:1
cause 9:6 35:24	chance 28:15	church 97:3	clear-cutting	come 5:15 6:19
37:25 38:3	104:4	100:1,12	51:25	7:16 10:22
41:8 68:16	change 29:10	churches 75:6	cleared 84:3	18:4,15 33:24
75:15 79:9	68:2 110:14	cigarettes 54:3	88:2 129:3,7	34:10 35:15
1		.		_

48:14 57:22	commissioner	42:24 68:25	16:2,4,6 44:19	76:19 91:8
58:9 62:10	3:6 15:16	69:19 71:18	53:2 54:8	considered
68:11 75:18	77:16,24	80:17 81:1	55:17 124:8,9	11:20 141:13
77:13 92:14	142:15	93:6 102:25	124:11 130:2	considering 28:5
95:23 96:17,20	commissioners	105:10 107:7	142:3	28:7 29:9
99:11 100:6,10	3:14 7:15 8:8	107:13 109:16	conclude 13:16	consisted 85:14
100:24 101:3	16:15,17 27:7	126:20 129:11	concluded 48:16	consisting 44:11
102:25 103:13	27:9 30:10	compared 120:9	concludes	84:11
103:20 104:10	48:25 56:7	compensate	142:18	constant 86:5
116:13 117:13	75:2 76:21	12:13 26:18	conclusion	91:24
128:15,16,19	77:20,21 90:12	37:17 41:2	48:12	constitutional
129:3,6 130:16	90:12 93:2,3	78:18 137:21	conclusions	89:2 136:5
130:19,20	133:13 142:16	compensated	48:20	139:7 141:17
132:9,15 133:2	commissioners'	135:23	concrete 17:7,24	construct 1:13
comes 14:14	141:14	compensation	17:25 18:2	4:24 29:20
63:14	commissions	23:18 26:19	83:5	30:12
coming 26:11	40:1 87:12	52:3	condition 83:17	constructed
35:9,22 48:6	commitments	completely 8:13	100:25	42:17 83:16
56:17 63:23	45:12	84:15 99:19	conditions 78:16	construction 5:2
67:21 103:18	committee 53:6	complex 85:25	83:18 86:3	7:4 17:5,6,23
111:21 123:13	53:7 116:4	complicated	conducted 53:17	18:4 24:2,15
128:4 130:2,24	commune 101:4	62:2	53:22	24:17 25:12,19
131:2,25 132:2	communicating	composed 53:8	conference 59:7	45:13 81:3
142:11	98:3	comprised 14:19	121:3	87:20 90:1
commentary	communities	computer 55:9	confined 22:16	105:12 106:7
119:16	31:3 51:8,13	computers 99:18	confiscate 39:7	107:7,13
comments 5:19	118:6	concept 58:4	confiscating	136:24 137:12
5:22 6:16	community	concern 16:12	39:22 41:11	constructor
36:15 40:11	30:12 39:24	28:22 38:21	confuse 66:21	105:15
112:2	48:4 51:10	80:11,15	connection	consume 32:9
commercial 66:5	96:21 102:18	105:17 107:15	46:21	contain 9:13
commercially	118:5 140:3	108:16	Connie 40:14,18	contaminate
66:8	compaction 9:7	concerned 9:21	143:9	84:16
commission 1:2	34:9 35:18	12:22 30:3	consequences	contamination
2:5 3:13 4:4,22	50:19 83:17	37:1,5,18,25	121:7	90:7 131:3
4:23 5:1,4,7	137:13	40:19 41:4,7	conservation	contiguous 38:2
19:15 22:11	companies	48:4 52:24	23:3 34:23	continual 86:9
24:17 25:8	59:20 63:8	53:4 73:17	35:4 140:7	continually 15:6
27:8 36:16	119:21 133:23	87:25 91:23	consider 13:6	122:4
40:5 45:25	company 1:11	92:4 107:3	71:15 92:19	continue 24:2
70:14 77:23	2:8 17:5 22:21	115:9 133:17	138:12	87:2 109:20
104:21 119:18	24:13,15,19,20	140:14	consideration	131:15,18
140:15 141:9	24:22,24,25	concerns 13:6	27:9 36:2	134:25 141:3
142:14	25:4 38:19	14:6,8,10 15:5	44:17 57:8	continued 141:5
	l	l		

	1	I	1	ı
continues 58:12	21:22 133:23	138:5	90:14 93:2,3	cow-calf 78:11
140:14	corn 8:21 33:21	costs 61:1 94:17	94:13,14 95:19	113:21
continuing	60:21 132:3	121:7 135:16	95:21,22,24	cowboys 81:19
28:10	corner 42:4	137:21,23	96:11 103:9	cows 9:8,17
contract 35:1	51:24	138:1,3,11,18	109:5 111:6,7	23:16,16 78:16
52:14 121:12	corona 86:7	138:22,24	113:3 119:23	79:6 106:22
136:25	corporate 104:8	counsel 2:3,11	123:3 125:17	coyotes 42:21
contracted	116:5 136:8	3:17,24 4:1,6	126:10 139:20	CR 52:13
23:21	139:22 141:21	145:8,11	139:23,24	Craig 76:20
contractor 14:3	corporation	count 141:18	141:14	cranial 86:2
14:11 18:17	39:8,10,15,15	counties 4:25	County's 93:6	crating 22:19
69:16,17 107:9	87:17 126:14	16:15 25:11,14	couple 64:15	create 26:20
contractors	corporation's	25:16 30:5,11	85:5 107:10	63:20 75:13
59:13 85:18	39:22 41:12	36:2 47:2 56:5	119:17 121:9	97:21
109:22 113:24	corporations	66:11 70:19,19	121:21 130:12	created 43:18
119:20 121:4	43:1 51:13	81:6 87:13	course 70:17	126:14
121:10,21	104:11,12,15	90:13 93:4,7	79:4	creates 71:11
contracts 126:21	104:15 109:23	111:7 134:1,2	Coursey 55:21	creating 43:5
contrary 88:22	136:7	138:16 139:19	court 1:25 5:6	Creator 43:19
Contrast 55:20	correct 65:10	counting 61:22	6:15 7:14 8:4	creatures 76:1
contribute 140:2	correctly 14:16	89:3	13:12,14,24	84:21
control 1:14	58:20 82:2	countless 116:1	15:13 16:24	credentials
37:19 41:5	correlation	countries 71:20	19:11 22:7	126:19
43:9 85:3	43:13 72:3,4	107:20	26:2 33:11	credit 34:12
87:18 91:19	Corresponden	country 11:17	41:23 44:4	134:24
92:5	144:5,11	42:12,19 64:8	45:5,21 47:17	credits 64:7
controlled 34:24	cost 16:6 21:17	66:24,25 91:2	49:8,17 57:16	80:21
98:6	21:23 37:8,24	91:13 102:22	58:23 65:9	creek 15:25
convene 3:5	51:11,12 61:18	103:12 107:15	69:7 72:12	26:23 37:20
convenience	61:20,22 63:18	107:17,19	74:20 77:4	52:19 68:8,9
1:12 40:10	70:15,18 88:22	countryside	78:3 89:7,16	68:12 134:11
41:16 57:9	94:21 101:11	16:3 102:7	93:22 105:2	creeks 41:6
68:25 90:15	125:25 126:2,3	county 5:1,10,10	109:1 110:6	68:10 84:17
93:10 140:19	135:1,16 136:1	12:16 14:6	111:3 113:2,14	criminal 125:9
convenient 5:3	136:9,10,12,17	19:19 28:11	114:13 115:4	crisis 95:25 96:1
conveniently	136:17,21	30:10 40:1	116:16 119:11	critical 39:6
130:5	138:6,6,17	44:10,12 47:23	122:17 123:23	crop 42:16 50:20
conversation	139:2,15	49:21 56:7	124:15 125:17	60:7,7 83:4
80:7	cost-benefit	59:2,6 60:4,16	126:9,10 127:9	113:20 120:22
converter 5:1	137:19 138:23	60:21 70:25	128:6 129:20	124:25 137:7,8
convince 124:22	141:10,12	72:17 76:21	133:6 145:4	137:13
cooperative 48:1	cost-justified	77:20,21 82:18	courteous 6:1	cropping 114:4
73:8	139:10	83:11 87:12	cow 8:19 12:24	crops 8:18,20,25
cooperatives	costing 61:10	88:4,10 90:12	76:11 78:22	60:14,18 66:16

	l	l	I	I
66:17,22 76:3	Dakota 69:13	DC 64:7	39:1	37:23
cross 15:20,21	Dale 116:17	dead 86:14,24	decompaction	depreciation
15:23 25:14	143:21	deadly 92:7	14:14,15,15	80:23
crossed 36:5,18	damage 35:24	deadpan 50:19	decrease 67:5	Deputy 2:3
101:20 102:10	50:20 75:17	deal 69:15 110:2	76:15 125:1	Des 127:19
crosses 15:24	78:20,21 79:18	110:9	140:3	deserves 140:6
23:12 52:19	85:7 91:5 92:6	dealing 104:5,5	decreased 38:1	design 45:14
61:8	115:14 139:5	Dean 48:12	41:8	designed 126:15
crossing 15:24	damages 79:3	Dear 8:7	decreasing	despite 99:25
38:3 56:1	damaging 88:14	death 37:23	79:10	destroy 16:2
102:5	132:3	82:12	deep 10:13	20:4 26:21
CRP 23:9,11	dang 21:20	Deborah 36:5	deeper 80:15	78:21 88:9,16
34:21 35:1	danger 76:4	133:7	deeply 96:6	135:3 136:8
44:22 52:10	dangerous 10:21	Debra 82:1,6	deer 11:10 20:4	140:8
58:13 136:25	85:19	143:16	42:19 108:6,10	destroyed 58:11
crumbles 101:11	dangerously	debris 85:15	defects 48:23	75:24 140:12
cubic 18:1 50:10	32:6	debt 96:6	defending 89:1	destroying
current 23:6	dangers 86:11	decade 141:3	141:17	20:10 29:24
79:4 85:21	106:12	decades 48:6	defib 85:25	44:20 78:15
currently 23:2	Danielle 144:12	83:25	86:10	destruction
24:4 52:10	Darby 117:6	December 5:8	defibrillator	26:20 88:11
62:6 92:8 94:8	data 71:18	decide 5:4 38:6	58:15	90:2
142:1	date 21:4	58:8	defined 91:1	destructive
Curt 13:21 14:1	daughter 15:18	decided 28:9	definitely 69:23	75:19 91:14
143:4	30:22,22 31:22	38:25 53:5,9	92:18	detach 11:25
customers 88:23	32:13 47:21	decides 5:2	definition 131:8	details 31:25
125:24 126:6	daughter's	deciding 91:8	degree 67:16	32:7
140:18	12:23	decision 32:12	deliver 114:20	detected 85:7
cut 10:6,17 50:3	daughter-in-law	50:22,25 54:14	delivery 69:11	determination
51:2 68:6,8,9	28:3	54:19 57:7,8	demand 91:2	29:6
68:11,12,21	daughters 10:24	141:15	demise 87:24	determined
122:8 129:1,3	47:23	decision-maki	demonstrated	86:17
138:2	Dave 100:14	138:20	25:3 38:9	detriment 64:1
cuts 46:12	David 2:16 4:15	decisions 31:5	39:25	108:13
cutting 131:20	22:3,9 48:12	138:25	Dennis 54:23	devalue 46:24
	93:13,15,16,19	Declaration	deny 30:12 39:9	109:20
D	143:6	43:17	40:9 41:15	devastate 135:3
D 1:19 3:1 143:1	Davis 81:5	declared 125:25	49:1 57:9 89:3	136:8
D-a-l-e 116:17	day 20:1 28:13	declaring 24:24	90:15 93:10	devastates
D-e-b-o-r-a-h	29:16 42:16	decline 12:25	105:9 141:19	138:16
133:7	72:1 106:21	75:21 88:12	Department	devastating 31:1
D-e-b-r-a 82:6	122:22	134:23	48:15 134:22	83:18 140:2
dad 20:10 79:13	days 31:14	declined 38:11	140:7	develop 134:9
128:15 130:6	104:7 107:18	decommission	depending 17:17	134:14
			•	

	I	•	I	
developing 48:9	disadvantages	95:21	drilled 17:6 83:4	130:7 137:3
development	92:20	divorce 121:25	drinking 37:21	138:14 139:23
72:18 97:1	disappointed	122:2	79:6 84:18	early 105:18
134:25	19:14	divorced 91:2	drive 2:13 4:11	earn 55:1 59:13
developmentw	disapprove	divvied 70:20	7:6 29:16	earning 135:21
74:11	141:20	divvy 70:21,22	107:17 121:15	earth 7:2 79:20
deviating 29:8	disaster 10:1	doctors 95:2	driver 37:11	83:10
devised 97:11	discern 140:23	doing 98:4 99:1	driving 20:1	easement 20:4
devoted 46:8	disclose 45:8	103:18 107:25	drop 13:1	23:4,10 24:23
diagnosed 43:8	discussion 29:4	111:25 127:18	100:25 134:18	32:5 33:25
diagonal 22:22	disease 43:10	dollar 60:19	drought 132:4,5	46:15 52:14
61:19 78:12	48:18 113:24	117:14,15	139:18	87:9 138:9
79:23 80:8	diseases 9:23	136:12	drove 63:22	easements 39:23
diagonally 10:17	130:13,16	dollars 16:10	drugs 95:12	41:13 44:22
15:24 46:12	disheartened	17:17 63:1	dry 83:16 132:1	108:8,11
52:17 61:8	133:13	94:17 98:22	132:5	115:23 135:13
140:13	disheartening	139:20	drying 132:3,6	138:12 139:1
died 96:6 128:15	75:20	domain 5:5	Dubuque 128:11	140:11,13
128:17	disinfect 113:25	24:23 26:16	128:12 129:2	easier 54:5
different 19:4,4	disinfectant	39:3,7 40:9	ducks 11:11	130:4
29:9 35:1 59:3	130:23	47:6 87:10,10	due 27:5 31:22	easily 6:6
72:24 73:13	disorder 52:7	90:10,24 92:25	34:2 37:7,10	east 20:12 26:7
110:14 115:22	86:1	103:21 104:10	37:23 44:20	27:21 28:5
118:6 120:21	disregard 55:17	donate 49:11	86:3 90:1,8	33:20,21 59:7
131:8	91:5	door 15:22	92:22 136:13	67:23 85:22
differently	disrepair 11:18	125:11	136:24 137:10	110:17 120:4,5
119:25 121:1	disrespectful	double-check	137:12,13	120:14 127:5
difficult 12:20	75:10 125:19	36:5	dug 51:16	135:10
32:12,14 39:9	disrespectfully	Double-checki	dunking 113:2	easy 61:15,16
92:17	125:9	142:8	duster 137:8	119:20,22
dig 50:8 80:15	disrupt 26:23	dozens 20:2	dwelling 87:22	127:17
digging 10:12	125:2	Dr 48:12 54:23		eat 140:6
diligently 42:15	dissension 97:21	drag 42:10	E	eating 79:6
dinners 31:15	distance 55:6,14	drastically 11:1	E 2:1,1 3:1,1	95:10
direct 18:20,22	58:4 138:3	11:9 67:5,13	143:1 144:1	echo 141:24
directly 10:20	distributed	draw 20:12	e-n 6:18	economic 6:21
36:19 60:10	38:12	104:20	E-r-i-c-a 123:25	7:10 18:3,20
73:3 78:14	district 111:5	dream 31:20	e-s 133:8	32:9 56:18
79:24 109:6,6	districts 18:24	42:22,23 43:1	EA-2015-0146	72:18 89:25
124:6	disturb 24:1	50:1	1:13	92:17 107:17
director 6:24	disturbing 53:18	dreams 54:13	eagles 11:13	117:8,16 118:2
71:16 97:7	diverse 115:13	dressed 122:21	42:20 115:19	118:11 119:1,5
99:9,16,23	diversified 66:4	drift 84:24	earlier 5:25 15:8	119:23 120:20
dirt 68:13,15	divided 61:12	drifted 85:10	45:14 67:25	120:21 121:19
ĺ				

			ı	1
economical	62:4,6 63:7	111:15	45:14 134:20	44:20 68:16
132:20	71:12 79:4	employ 17:9	engineers 58:3	84:8 132:9
economics 59:4	86:19 105:14	employed 17:13	England 103:1	erroneous
119:21 121:9	118:10 119:4,6	145:9,11	enjoy 11:8 57:21	138:19
economies 56:19	126:6,11	employee 63:13	57:23 58:11	especially 21:5
economy 69:23	131:25 133:22	72:19 74:5	88:18	35:21
131:7	137:2,6 144:8	145:11	enjoyed 26:24	essential 140:24
edge 46:15	electrical 11:19	employees 17:9	enrichment 39:7	establish 39:8
Edina 121:15	16:7 50:25	17:12 59:12	enrolled 23:2	112:24
Education 85:1	69:16 81:10	employment	entails 81:3	established 25:6
101:12	88:18 91:7,10	17:20	enter 3:18	44:21
educational	134:19 136:19	employs 7:8	entering 125:19	esthetics 125:3
115:9	136:20	empty 28:12	entire 21:25	estimate 16:10
eerie 42:20	electricity 7:7	encompass 84:5	38:1,17 41:8	45:15
effect 70:10 86:7	11:17 38:12,15	encouraged	64:8 65:3	estimated
effective 138:7	43:3 50:24	118:4	71:25 75:9	139:18
effects 29:12	68:1 97:17	endangered	entirely 50:4,23	estimates 70:24
32:10 53:3,22	102:25 104:19	34:5 84:22	53:7 76:11	et 9:14 72:25
60:5 71:23	106:12,15	88:3 115:20	entitled 24:22	137:13
75:15 87:25	107:16,22	140:9	entity 86:22	EU's 56:20
88:13 92:2,4	123:8,13,20	ended 31:21	119:24 125:20	Europe 71:20
115:10 124:10	125:24 126:7	55:17 97:12	environment	evaluated
133:1	129:8 133:19	endowed 43:19	82:14	134:20 141:10
efficiency 88:19	electrocution	energies 107:24	environmental	Evaluating
efficient 132:21	86:14,20	energy 11:20	44:19 45:11	138:24
efforts 72:18	electromagnetic	12:2 21:17	EPA 71:20	evening 3:3,15
egg 117:4	52:5 86:6	51:7,10 56:13	epidemiological	4:15 5:19,25
eggs 71:6	electronic 34:6	56:20,22 57:3	48:21	6:8,19 44:15
eight 6:9 19:17	137:5	71:1,2 80:17	equal 43:18	77:16 130:7
33:16 46:9	element 101:13	80:21 81:1,8,9	equates 17:20	evenings 106:20
47:20 61:6	eleven 51:5	81:11,12,13	equation 138:23	event 10:21
127:15	116:21	88:19,20 108:1	equipment 9:2	19:16 87:3
either 20:19	Eloise 22:15	125:25 131:23	9:22 10:7	everybody 19:4
34:22 37:22	EMF 71:14,17	132:21 133:19	34:11,14 35:12	71:4 105:7
42:11 74:8	EMFs 43:9	134:9,10,13,15	60:5 83:10	117:17 121:1
102:19 139:18	48:16 53:22	134:22,23	85:17 114:1,6	126:18
El 102:4	54:1 66:20	135:6,9	130:22 132:14	everybody's
elderly 22:15	eminent 5:4	enforce 119:17	equity 135:19	79:23 117:21
25:1 52:10	24:22 26:16	enforced 26:16	erected 13:8	118:10
eldest 33:15	39:3,7 40:9	engine 107:17	83:1	everyone's
elected 25:10	47:6 87:10,10	engineer 45:8	Erica 123:24	138:20
30:10	90:10,24 92:25	134:19 139:9	143:23	evident 134:13
electric 1:14	103:21 104:10	engineer's 81:10	erodible 44:21	evidentiary 5:8
10:14 21:22	emotional	engineering	erosion 9:6,7	ewes 120:11
			l	

	I		İ	
exact 70:16	107:6	Fabius 84:12	93:17 100:8	138:9,14,16,21
exactly 70:18	expense 95:9	face 90:23	102:20,22	139:7,19
examined 86:17	114:3 136:21	facility 78:14	106:8,15,16	141:17
example 32:17	expenses 24:5	facing 56:2	127:16 135:4	farm's 19:3 23:1
50:7 55:19	60:24 135:25	fact 37:7 38:15	144:5	farmable 26:20
62:14 131:5	136:14,14,23	39:25 43:10	far 56:16 106:17	26:22
excavation 17:6	137:15,18,19	44:17 47:25	106:18 132:18	farmed 35:5,7
exceed 45:12	137:22 138:10	48:21 50:25	136:17	43:12 69:13
excessive 139:18	expensive 9:13	56:25 71:3	farm 8:8,11	106:19,19
exciting 73:22	10:9	72:4,5 77:17	10:15,17 11:16	farmer 10:2
exclude 61:9	experience	78:25 99:4	12:6 14:5,9	18:18 60:7
excuse 3:5 43:25	18:23 19:5	103:11 112:25	15:25 18:25	61:10 105:9
135:18	45:10 108:4,6	135:22	19:2,18,20	106:6 113:20
excuses 55:13	108:9,12	facts 21:11	22:19 24:6,9	132:19
exercising 95:10	experienced	113:7	24:10 26:6,23	farmer's 136:21
Exhibit 13:19,20	19:1 67:14	failure 86:2	27:1,4 28:2,6	farmers 9:25
33:6,7 65:15	86:11	87:24	28:11,14,15	10:3 14:7
65:16,17,17	experiences	fair 38:7 51:8	29:12,22 30:2	26:12 31:2
89:6,9 114:23	22:18	57:8 78:17,18	31:12,13,21	50:14,17 63:18
114:24 144:3,4	expert 71:15	fall 11:24 57:23	32:2,12 33:19	66:11,15 67:21
144:5,7,10,11	expired 134:25	76:10	34:21 35:5	67:25 82:13
exist 94:19	explain 52:12	false 138:18	36:24,24,24	96:2 130:14
existence 24:11	explained 55:3	familiar 106:23	38:1 41:8,9,10	131:4,12
existing 39:23	exporting	families 12:17	42:4,16,17	132:19 139:17
41:13 43:5	107:19	31:3 43:11	44:10 46:24	141:16
59:19 63:22	expose 54:24	47:23 48:5	47:22 51:19	farmers' 83:16
80:8 81:4 83:4	86:22	59:23 82:17	52:5 58:10,13	farmhouse 28:1
83:11 84:11	exposure 37:3	101:12 125:16	59:5 60:2	28:5,12 29:21
85:8 86:12	40:21 46:21	127:25	61:12,25 62:10	46:17,20
112:22 115:23	48:14 91:24	family 9:16 14:5	62:11,19 65:3	farming 8:16
131:21 135:12	extend 51:1,2	19:20 22:19	67:18 68:3	20:11 22:25
135:13 138:12	extended 9:10	26:24 27:2,23	69:12,15 73:12	24:5 34:4,14
138:13 139:1,1	92:1	28:6,10,14,18	73:13 75:25	34:20 52:7
139:10 140:11	extends 61:4	29:11 30:2	76:12 79:2,5	66:4 67:20
140:13	extra 59:8	31:12,13,15,15	84:10 85:9,21	68:2 106:18,24
exists 39:15	extracting 91:17	31:19,20 33:1	89:2 95:25	120:22 136:1
expand 62:9	extremely 91:22	33:15 34:18	96:1,23 105:25	141:21
expansions	eye 71:17 133:15	36:19 37:15	106:19 113:23	farmland 22:23
72:25	eyes 110:20	41:1 43:15	115:9,10 124:8	23:2 28:21
expect 67:8	F	46:3,5,9 52:25	126:23 128:18	29:23 46:12,25
108:18	F-l-o-r-e-n-c-e	54:24 57:5	128:20 134:11	79:24 106:1
expected 38:16	89:20	62:11 64:2	135:22 136:2,3	135:5 136:4
125:11	89:20 F-r-a-n-k 26:4	67:18,19 79:2	136:7,13,14	138:9,22,25
expenditures	1 -1 -a-11-K 20:4	86:22 89:22	137:16,17	farms 10:16
	<u> </u>			<u> </u>

	İ	İ	İ	I
12:12 19:4	97:18	127:25	five 5:20,21	for-profit 42:23
30:3 35:9 36:1	feet 15:21,23	figure 21:4	16:15 21:2	69:1
55:10,15 59:23	27:24 33:24	File 1:12	25:10 30:5,11	forbes 85:5
60:3,7 63:3	46:16 48:2	filed 79:1	35:17 36:1	force 31:6
64:25 68:4	50:12 51:24	fill 110:4 112:8	47:2 78:10	forced 25:9
84:7 96:7,9,12	52:20 54:18	118:6	81:12 87:1,2	30:25 32:18
104:6,7,8	79:15 82:25	filled 83:5	87:13 88:7	54:24 83:22
108:17 114:1	83:1 84:4,24	filtered 109:15	96:15 118:6	86:21 87:17
115:12 116:1	85:10,23 86:15	final 5:25 29:6	125:16 134:1,2	forces 66:19
134:6,8 135:1	fell 11:18 73:24	finally 42:9	fix 68:17 117:23	forcing 24:9
135:4,4,6,7,17	felt 32:15 92:18	62:11 80:6	fleeing 109:19	forefathers
135:21 136:7,8	fence 10:9 62:4	96:15	flies 90:23	12:16
136:13 137:2	63:6,7 86:15	financial 24:12	Flight 88:11	foregoing 145:5
137:18,20,21	122:7,8,10	financially 20:22	flood 132:5	foreign 107:20
137:24 138:2,5	131:25	137:18 138:12	flooding 12:10	foremen 17:12
138:7 139:5,20	fences 10:7,8	140:2 145:12	Florence 89:20	foresee 77:24
140:2,13 141:5	62:6	find 11:16 31:11	Florida 70:14	foreseeable
farrowing 62:15	fencing 10:9	72:3 95:8	flourish 75:25	61:21 134:14
farther 79:17	137:2	97:25 98:1	flow 125:24	forest 50:3 52:18
father 31:16	Fenton 2:17	118:15	flowers 51:20	140:9,12
35:5 46:7 76:6	4:17	findings 53:14	76:3	forested 115:14
78:9 94:13	FERC 135:17	54:6	flown 60:18	forests 115:24
95:17 106:7,19	140:17	fine 7:25 56:13	fluid 86:2	115:25
father's 22:17	fertile 19:21	118:5	flung 85:15	forever 37:15
46:12	50:9,12	finished 86:25	fly 61:5,12	41:1 75:15
fathers 104:9	fertilizer 8:22	fire 11:24 18:24	flyer 126:4	110:14 135:24
favor 14:3 17:2	19:22 20:1	firm 2:13 3:20	flying 11:14	136:16 138:15
18:15 74:9	fertilizes 76:8	4:11 94:3	folks 5:24 17:10	forfeit 141:21
108:15	fiction 78:25	first 6:11 7:18	17:10 35:16	forking 78:14
favorite 32:4	field 8:25 17:10	14:13 19:13	59:11 63:3	form 53:5,14
fear 54:25 76:9	48:21 52:5	25:8 44:9	64:21 106:2	former 94:6
86:9,22 114:2	61:10,12,14	45:24 49:24	108:18 128:12	forth 34:7,25
fears 54:15	83:22 84:1	52:1 59:9	131:16	112:6
feasible 61:12	132:3	61:15,16 71:16	follow 22:24	forthright 14:24
fed 9:8	fields 9:15 50:16	80:23 87:4	25:6 38:5	fortunate 31:11
federal 23:3,7	66:18 68:16	89:19 95:23	39:23 41:12	forward 7:16
39:5 134:24	72:1 76:7,10	96:3 97:6	followed 140:11	40:8 77:13
140:1	83:16 84:6	105:6 116:6,13	following 36:22	128:4 135:20
feed 9:10 76:6	86:6 131:1	119:18 122:21	food 46:10 70:3	Fossil 81:7
78:13 131:16	fifth 139:25	123:17	79:7 107:12	fought 96:4
131:16	fight 31:4 79:11	fish 84:21	108:10 119:2	found 9:24
feeder 81:8	82:22 127:22	fishing 10:23	140:1,4	11:10 31:8
feel 34:4 35:20	fighting 64:3	34:18	foot 28:1 33:25	52:23 53:9,13
52:22 72:21,22	96:10,11	fitting 82:8	33:25	86:13 95:10
			<u> </u>	l

	1	1	1	1
106:1 121:1	fuel 37:9 69:25	54:12	13:25 15:13	127:14,24
foundation 7:3	107:11	gas 71:8 91:17	16:25 18:12	130:20 132:4
50:11 83:6	full 101:7 135:24	112:8 118:4,6	21:15 22:8	132:20 142:2
foundations	full-time 42:16	118:7,8	26:3 27:19	goal 94:20
14:12 17:7,25	fully 110:17	gate 122:8,9,10	29:20 33:12	goats 85:3 86:12
founded 94:9	function 21:13	130:18	36:12 40:17	86:24
founder 94:24	funds 82:22	gather 97:25	44:5 45:6,22	God 94:4
founding 104:9	funeral 142:16	geese 11:11	47:18 57:8	God's 79:19
four 20:5,19	fungicide 60:18	Gehrig's 48:18	64:16 65:25	Goers 116:17,17
27:22 49:25	fungicides 8:22	Gena 124:16	74:21 77:4	116:21 118:25
54:17 58:8	funny 64:6	143:23	78:4 87:18	143:21
79:24 80:1	further 28:20	general 26:10	89:17 103:6	goes 9:2 10:18
96:15 112:1	145:10	91:4 126:12	109:2 119:4	52:21 67:3
114:21 120:14	furtherance	generalizations	127:14	68:4 80:25
139:17,25	90:22	21:10	given 31:18	81:5 106:18
141:1	Furthermore	generating	101:8 107:14	137:14 140:13
four-year-old	88:6 135:24	11:19	134:14	going 3:4 5:13
28:4 30:22	future 11:2	generation	gives 54:3	10:12 17:24
46:17	22:25 23:5	29:24,24 71:4	giving 32:5 78:7	20:8 21:12,14
fourth 8:13	28:6 44:25	71:10,10 91:17	119:19	29:14 31:9,10
128:21	51:15 61:21	133:19	glad 7:22 101:21	31:15 34:22
fraction 51:11	125:1 134:14	generational	Glen 128:7	35:3,7,11,17
110:8		96:2	143:24	36:7,18,24
fragment 87:21	G	generations	Glenwood 42:2	38:6 44:24
frame 50:2	G 3:1	12:15 26:24	78:6	52:16 60:1
France 128:20	G-a-m 133:7	27:3 67:20	go 3:4,7,8 10:16	61:16 63:12,18
franchise 89:3	G-e-n-a 124:16	92:14 102:19	10:19,24 26:22	63:24 64:8,19
141:19	G-e-n-t-i-l-e	generators	28:8,19 32:1	64:21 65:2,4
Frank 25:23	123:25	123:1 129:10	34:13,16,22	67:7 68:16,17
26:4 143:7	G-l-e-n 128:7	Gentile 123:24	36:1 40:8 42:5	68:18 70:18
frankly 20:9	G-o-e-r-s 116:17	123:25 124:4	42:11 46:14	77:3,4 80:11
free 62:12 84:15	G-r-e-g-o-r-y	143:23	55:10 58:8	81:15,17 82:12
118:11	15:15	gentle 100:20	61:3 62:12,18	83:5 100:13,21
Freeman 134:12	gain 20:22 21:5	gentleman 21:9	63:3,19 65:2	100:23 101:4
freezing 10:3	78:23 92:13	59:11 70:20	68:8 70:17	102:9 104:19
frequent 83:9	gal 128:11	113:3 118:4	81:13 84:5	105:7 112:15
frequented	gamble 126:22	128:4	90:6 93:17	112:17,21
75:16	game 11:10	getting 21:11	97:1,2,16 99:5	113:1 114:20
friend 112:4	110:15 118:15	68:1 73:20	99:17,19	116:13 117:6
friends 75:5	118:17,18	104:7	100:13,18	117:12,19,25
82:16 121:25	Games 36:6,7	giant 96:24	102:18 111:16	118:5,6,9,9
front 15:22 32:4	133:7,7,12	girl 31:9 106:2	112:22,23	119:2,6 120:5
Frontier 47:22	138:1 141:24	give 4:21 6:16	118:15,17	120:19,23
fruit 51:17	gardens 51:17	7:20 8:5 13:12	123:9,22	121:4,6,12,13
	<u> </u>		<u> </u>	l

			l	Ī
121:22,23	grandmother	22:25 23:1	guarantee 92:10	happen 10:22
123:11,14,19	48:4	24:10 58:10	guarantees	37:12 50:17
123:20 127:3	grandparents	76:4 115:14	126:20 135:18	81:23 98:7
127:20 128:25	31:13	green 7:9 79:20	Guard 12:8	100:11 103:20
129:1 132:15	grandparents'	81:11 110:16	guess 21:18	104:2,3 112:16
135:5,7 137:20	128:23	110:17,19,20	34:12 35:13	happens 11:23
138:8	grandson 79:12	131:22 132:1,8	74:14 119:15	50:7,10 68:9
gold 117:5,7	Grange 117:11	Greentop 94:7	121:11,18	80:12 83:23
golden 117:4	grant 5:2 12:3	95:20	Guidelines	happiness 43:21
good 3:3 4:15	25:13 68:24	Gregory 15:9,14	144:7	43:22
9:12 12:21	87:9	15:14 16:20	guy 19:25	hard 12:14
17:8 18:5	granted 90:13	143:4	guys 105:20	54:11 68:20
49:13 69:18	93:2	grew 15:18	121:10	102:17,21
95:16 96:13,22	grants 85:2	95:14		121:8 131:25
99:2 101:1,2,7	grass 29:18	grid 50:23 51:1	Н	140:3
102:17 109:11	44:21 92:6	51:3,6 74:2	H 144:1	hardware 7:4
111:13,23	grasses 9:4	85:4 88:21	H-a-w-k-i-n-s	hardwood 52:18
112:2,4 120:16	34:25 66:17	91:19,20	59:1 129:22	harm 47:8 75:4
122:22	grassland 23:13	125:23	H-a-x-t-o-n 94:1	harmed 76:2
good-paying	grassroots	grocery 67:1	H-e-r-b 103:8	124:8 126:17
69:22	111:13	ground 8:21 9:8	H-o-f-f-m-a-n-n	harmful 75:14
goose 117:4	grateful 139:9	11:24 26:22	36:14 40:19	harming 98:5
government	gravel 11:3	44:22 50:8	H-o-l-l-e-n-b	109:23
23:7,8	131:3	83:4 106:22	66:3	harvest 8:18
government's	grazed 120:13	124:25 128:16	habitat 75:24	harvests 76:6
39:5	grazes 76:7	129:14 131:24	84:20 87:22,23	hassle 19:3
GPS 34:5 60:6,9	grazing 8:15	137:12	88:11 115:17	hat 112:6
61:22 114:6	23:13,15,18	group 53:5	125:2	Hathaway 80:18
137:4	24:6 62:1 85:2	99:21	hacked 129:6	Hawkins 58:19
gradually 73:24	92:9	grow 6:23 8:18	half 17:21 21:2,3	58:25,25 59:1
graduated 12:6	great 40:6 47:1	33:21 48:8	32:3 33:20	64:15,24 65:11
grain 9:9 11:4	59:23 61:21	68:5,20 101:10	122:23 134:2	129:21,21,22
18:18 137:5	76:1 95:14	120:20	half-mile 61:6	130:1 131:14
grandchildren	96:20 97:13	growing 46:10	halfway 121:16	143:13,25
15:19 33:16	110:17 128:23	54:8 96:7	Halloween 82:9	144:5
89:25 91:25	great-grandch	98:25,25	hand 65:4,8	hawks 11:14
granddad	33:16	grown 29:18	81:10 125:12	Haxton 93:15,24
128:18	great-grandpa	31:21	hands 51:12	94:1,1,3,6 98:9
granddaughter	128:20	growth 6:22 7:6	116:11,12	99:9 101:17
28:4 47:25	great-great-gr	7:10 8:19	121:22 123:22	104:14 143:17
granddaughte	33:17	50:20 84:15	129:18 142:7	hay 8:18,20,24
34:1	greater 62:24	94:20 122:24	hang 57:7	9:9,10,11,12
grandfather	95:9	122:25 123:5	hanging 129:5	9:13 37:7
31:16 78:10	greatly 8:16	134:23	Hannibal 134:4	66:17 76:6
	<i>y</i> - · ·	-		

	1	1	<u> </u>	ı
haying 114:3	58:14 95:15	high 8:12,23	67:8	12:12 28:20,20
hazardous 92:7	98:22 99:3	12:4,6,19 24:3	HOFFMAN	55:5,10,16
hazards 37:2	100:4 116:1	27:5 28:15	36:13	97:2,17 116:2
40:20	heartless 104:15	30:4 31:4 32:1	Hoffmann 36:9	homestead
he'll 35:10,18	hearts 94:18,21	32:15 37:1,3	36:13,17,20	128:23
head 78:11	heavy 24:12	40:19,21 42:3	39:13 40:13,14	honest 25:7
106:21	50:18 83:10,11	42:25 43:12	40:18,18 41:19	69:13
health 12:23,23	heed 141:14	46:21 47:24	143:8,9	honestly 120:8
12:23 16:3	held 138:6,11	48:14,14,15,22	hog 63:1 130:6	honey 51:19,19
29:12 34:2	helicopter 129:4	49:1 50:12	130:11,25	52:4,8 66:7,22
37:3 40:21	help 6:23 8:8	52:5 53:15,24	131:1	66:25 67:2
44:22 48:3,13	12:9,12 21:14	54:1,10 60:17	hogs 33:22	76:2
48:16,25 53:1	27:8 30:25	62:4 66:10,20	60:14 62:22,23	Honor 3:19
53:3,6,8,20,22	32:23 40:2	67:17,22 73:9	63:1 76:8	honored 136:25
59:3 73:10	41:14 47:7	76:12 79:16	hold 43:17 52:8	hoop 62:16
75:4 76:13	59:15,16 63:20	91:25 92:3	54:14 57:23	hoot 42:20
91:23 94:9,10	64:17 76:10	93:5	holding 4:22 5:9	hope 12:11,21
95:14 96:12	85:5 88:15	high-benefit	38:23 126:11	13:5 40:5
101:3 104:1	89:1,3 94:4	69:22	hole 50:8,11	51:15 73:4
124:11 125:2	97:16 141:16	high-cost 38:16	83:3,5	82:1 107:18
health-related	141:18	higher 48:8 57:1	holes 10:13	131:18 132:24
32:9	helped 63:21	63:3 74:2	Hollenbeck	132:24
hear 14:6 42:20	95:18	126:3	65:20,21 66:2	hoped 32:13
73:22 99:23	helping 27:11	Highland 21:13	66:3 143:13	89:24
130:2 131:7	helps 7:6,6	highlighting	home 15:21,24	hopes 35:10
heard 20:1,15	71:12 79:13	91:19	16:4 22:16	hoping 12:17
20:17,18 21:4	118:19	highly 44:21	24:5 27:23,25	51:19
34:1 43:22	Herb 101:20	highway 15:21	28:6,12,14,14	hormone 79:10
59:16 70:24	102:3 103:3,8	72:25 131:3	28:17 29:14,15	hospital 3:7
71:14 83:19	143:18	highways 55:12	31:10,11,14,17	100:16
106:11 111:9	herbicide 84:16	hill 31:17	32:6,13,14,25	hosts 115:10
112:2,3 113:4	84:23 85:7,9	hills 57:21	35:17 42:8,17	hotel 18:5
117:5,10 121:4	herbicides 84:14	hilly 9:7	48:1 50:1	121:14
121:11 124:24	85:13	hinder 8:17	51:10 54:16	hotels 18:22
hearing 1:6 3:5	herd 8:19 12:24	22:25	55:22 70:7	70:3 107:12
3:14 4:22 5:8	76:11 78:22	hire 17:14 56:14	75:7 86:4 88:2	109:11,17
59:10 65:3	130:19	92:11 121:13	88:7 98:16	119:2
77:12 82:8	heritage 68:2,3	hired 112:3	100:12 112:2	hour 80:24
111:11,12,12	68:5 89:24	hires 121:14	118:17,18	hours 17:17 24:3
119:19 142:19	Hernandez 2:12	histories 126:20	121:15 123:9	93:18,18 112:1
142:20 145:10	2:13 4:10,10	history 38:2	homeowners	115:15
hearings 5:9,11	4:10,13	86:1	16:10 75:10	house 28:4
130:3	hickories 115:21	hit 50:9	homes 10:14	31:18 42:12
heart 49:24	hickory 68:5	hives 66:12 67:6	11:4,13 12:9	49:24 50:4,7
-				

				I
50:14,23 51:14	hurting 64:3,12	140:20	42:23 43:1	incur 36:24
52:20 53:1	96:14 129:14	Illinois' 8:9	61:5 87:4	41:10
54:11 58:14	husband 12:5,8	imagine 50:14	136:16,23	Independence
85:23 91:22	12:14 27:22	122:24,25	included 136:17	43:17
100:14 117:24	42:11,15 47:22	immediate	137:19	Indiana 88:3
125:7	49:24 50:22	73:14 74:3	includes 17:6	96:21 115:20
household 82:20	51:14 52:24	immediately	33:15 86:1	140:9
136:12	66:5,7 67:12	56:6 85:6	including 25:11	indicated 46:20
houses 51:5	78:9 82:16	impact 8:16	42:20 47:2	46:25 47:4
55:18 62:17	85:24 102:3	18:3,3 31:1	71:20 79:5	88:3
75:8 130:9	125:16,18	32:19 34:14	84:21 135:4	indicating 47:3
howling 42:20	husband's 86:10	38:6,22 44:20	137:16	140:15,21
Hubbell 6:24	hushed 56:23	44:22 60:19	income 16:8	indication 23:9
huge 10:7 85:14	hyphen 49:20	75:19 87:21	35:16 37:24	individual 62:17
human 101:13		88:15 89:25	52:7 82:20	individual's
humans 94:18	<u> </u>	92:17 119:23	90:1 135:22	32:19
humans' 125:2	I-v-a-n 119:12	120:8,20,21	136:13,16	individuals
humidity 60:17	IARC 54:3	125:1 139:14	137:10,11,16	38:14 92:18
hundred 14:19	ice 10:24	impacted 36:19	138:10	industry 106:9
53:21 54:18	idea 28:10 97:14	55:15 119:24	inconclusive	107:15 136:6
67:19 84:3,4	111:13,13,23	impacts 19:1,3	54:6	inefficient 91:19
89:23 94:10	ideally 62:19	53:6 69:23	inconvenience	inevitable 125:5
106:21 121:5	ideas 95:14	121:1 122:5	106:24 110:3,9	infect 130:19
132:13	identification	implanted 85:24	inconvenient	infection 79:11
hundred-year	13:20 33:7	important 66:16	99:20 138:18	inflated 56:4
68:19	65:18 89:9	71:2,3 72:23	138:19	information
hundreds 51:18	114:24	130:10,24	increase 18:23	4:21 29:3 55:9
56:12 84:24	identified 91:13	131:17 140:23	48:17 55:20	97:25
94:12 110:5	identify 97:18	importantly	60:21,23 75:23	informed 23:14
115:11,16	ignore 47:4	18:18	78:24 88:23	informing 24:21
119:22 136:23	ignored 91:7	impose 44:24	increased 21:1	infrastructure
hunt 15:19	ignoring 138:18	improvements	37:9,10 43:9	6:21,23 73:2
hunters 24:1	II 22:17 46:7	73:2	53:14,19,23	83:12
108:6	ill 3:7 77:17	improves 21:16	126:2 135:16	inhabit 115:13
hunting 11:8	Illinois 1:11 2:8	improving	135:25 136:14	inherit 76:14
16:1 20:3	3:22 9:2 18:19	125:22	138:10	inhibit 37:6
23:21,21,23,23	18:25 20:6,14	in-between	increases 60:24	injured 85:18
24:6 26:24	21:20 26:14	121:16	91:1	input 112:20
108:7 137:12	58:6 67:1,2	inadequately	increasing 16:11	insecure 140:1,4
hunts 23:25 24:2	68:25 69:20	135:23	125:25	inside 42:6
hurt 59:23 63:8	92:11 106:3,18	inalienable	increasingly	52:23 54:8
95:9 98:2	112:12 117:17	43:20	134:12	install 1:13
hurtful 95:1	117:17,20	inch 132:13	incredibly 54:21	14:21
100:11	135:6,11	include 17:22	incumbent 40:3	installation 17:7
1				

	 I	1	<u> </u>	ı
installed 123:17	intimidated	J-e-a-n 45:23	56:13,16 57:4	47:11,14,16
installs 14:12	74:12	J-e-a-n-n-e-t-t-e	59:13,22,25	49:4,7,13,16
instances 103:17	introduced 5:24	15:15	60:1 63:20	57:12,15,22
125:9	intrusive 73:5	J-e-b 78:5	69:18,21,21,22	58:18,22 65:8
institution 94:9	invasive 85:3	J-e-f-f 19:12	69:22 72:24	65:14,19,22,24
95:14	inventory 85:5	J-o-h-n 6:17	75:12,13	69:3,6 70:12
instructed 85:12	invest 94:17,18	36:13 105:4	107:18 109:12	72:8,11 74:16
integrity 26:15	investment	113:19	131:6,10	74:19 76:25
intend 38:4 47:4	23:23 60:19	J-o-h-n-s 27:21	132:18	77:3,8,11 78:2
47:6	investor 20:11	33:14 127:11	John 6:11,17	79:2 81:25
intended 87:11	investor-owned	J-o-n-i 89:18	36:8,13 104:24	82:4 87:1 89:6
intending	20:6	J-u-l-i-a 49:20	105:4 113:18	89:10,15 93:13
105:11	invitation	J.F 105:14 107:6	128:16 143:3,8	93:21,25 94:5
intends 23:9	125:12	Jack-Scott	143:18	101:15,18,23
intentions 51:23	invited 46:13	49:11,14,19,19	Johns 27:15,20	103:3,5 104:23
interest 19:16	involve 62:3	55:3 143:12	27:20 30:15,16	105:1 108:20
26:9 30:8 38:9	involved 26:12	Jackson 113:11	30:17,21,21	108:25 110:24
40:7 41:15	32:20 106:15	113:16,16	33:3,5,8,13,13	111:2 113:10
57:4,5,6 76:16	Iowa 1:15 20:8	114:9 143:20	33:14 36:4	113:13 114:9
76:17,22 87:11	58:1,7 69:19	jagged 85:18	46:3,7 127:10	114:12,22
90:11,14 93:1	80:12,12,14,16	JAMES 2:6	127:10,15,16	115:3 116:7,12
93:9 95:21	81:6,6,16,16	Janet 142:1	128:3 143:7,8	116:15,19
134:15	117:13,15	Jason 94:1	143:24 144:4	119:10,14
interested 13:9	127:19,22	143:17	Johnson 2:3 4:5	122:15,20
20:9 55:24	128:12 129:3	Jean 45:17,23	4:6,8	123:21 124:2
92:22 145:12	135:7,12	143:11	Joni 89:11,18	124:14,19
interesting	IQ 141:4	Jeannette 15:8	91:21 143:16	127:1,6,13
20:19	IRA 71:5	15:14 143:4	judge 1:20 3:3	128:3,10
interestingly	ironic 11:16	Jeb 76:25 78:5	3:12,23,25 4:3	129:17,24
94:24	irrigation 63:3	79:12 120:10	4:5,8,13,15,18	133:4,10 142:6
interests 40:4	issue 53:17	143:15	4:20 6:14 7:12	Judicial 126:9
139:22	93:17	Jeff 19:8,12	7:19,22,25 8:3	Julia 49:11,14
interfere 58:15	issued 47:3	143:6	13:11,15,18,21	49:19 143:12
88:13 125:3	issues 19:6 73:10	Jefferson 2:4,10	13:23 15:7,11	July 15:16
interfered	73:10 80:9	2:14 4:2,6,11	16:20,23 18:7	Junior 93:14,16
131:19	96:12 104:1,2	95:4 126:10	18:11 19:7,10	93:16 113:18
interfering	134:16,18	Jennifer 2:12	22:3,6 25:23	
136:1	Ivan 119:12	4:10	26:1 27:14,17	K
International	143:22	Jim 3:19	30:15,19 33:5	K-a-d-e-n
53:25		job 35:6 42:16	33:8,10 36:4,8	119:12
interrupted 24:7	<u>J</u>	63:16 70:5	36:11,15 40:13	K-a-i-t-l-y-n
intersected 88:4	J-a-c-k 49:20	72:20 80:13	40:16 41:19,22	74:22
intervened	J-a-c-k-s-o-n	105:11 131:17	43:25 44:3	K-a-t-h-i-e
125:17	113:17	jobs 7:8 45:13	45:1,4,17,20	127:11

				ı
K-e-i-t-h 57:18	132:1	-L	99:15 100:12	3:20 4:11
K-e-r-b-y 57:18	kindergarten	L-e-u-n-e-n 82:7	102:10,19,21	96:18 136:3,5
K-n-o-b-b-e	30:22 31:22	L-i-a-t 114:15	103:1,18,23	136:7 138:21
17:2	king 117:7,7	L-o-r-r-a-i-n-e	104:11 105:8	139:7
Kaden 119:12	Kirksville 1:16	102:2	105:22 106:5	laws 36:24 41:9
119:12,15	10:18 19:17	La 115:9 117:11	109:14,22,24	46:24 96:15
143:22	21:2 58:2,2	label 65:15	110:1 112:17	lawsuit 79:1
Kaitlyn 74:16	111:6 123:16	114:23	112:17 113:25	layer 18:22 50:8
74:22 143:15	124:5 125:6,8	labor 10:10	115:14 125:1,1	50:19
Kathie 127:10	kitchen 57:19	14:22 121:5,13	127:25 135:23	laying 81:1
143:24	knew 112:25	121:14,16	139:14 142:1	layperson 67:11
keep 5:19 55:6	Knobbe 16:21	labored 46:10	landfill 96:3,11	lead 79:6 87:23
76:8 81:11,13	17:1,1,3 18:7	lack 26:15 73:25	landowner	leading 24:23
84:14 104:9	18:17 143:5	134:14	21:24 26:5	leads 52:6
114:16,20	knocking 131:23	Ladd 80:6 125:5	44:18 49:20	leak 86:2
120:11 123:11	know 5:16,21	laid 117:4	66:4 89:21	leaking 37:4
123:20 129:7	6:9 9:18,25	Lamont 128:13	90:18 105:9	40:22
keeping 76:21	10:3 14:7,11	Lancaster 82:7	landowners 13:2	learn 110:13
keeps 54:9,19	19:3,16 21:7,9	land 10:3 12:1,5	21:19 26:9,16	learned 31:22,25
56:12 68:12	26:25 43:3,10	12:10,15 13:10	30:10 31:2	32:7 50:6
Keith 57:13,18	53:7 54:15,18	15:17 20:10,21	39:10,14 43:2	55:25 94:19
143:12	61:7 68:17,18	26:17,18,20	45:13 75:10	learning 64:3
Ken 16:20 17:1	70:14,15,16,18	27:22 28:5	82:13 87:7,12	leased 137:12
17:3 143:5	70:21,22 71:21	29:24 31:1,7	91:3 109:21	leave 8:11 10:9
kept 9:8 112:13	71:25 72:3	31:24 32:3,8	119:22 121:7	14:13 32:12,14
Kerby 57:13,18	73:22 74:3,11	32:18,25 36:19	122:13 124:23	34:2 54:11
57:18 58:18	74:11 77:5	37:13,14,16	141:7	89:24 100:15
80:1 143:12	95:7 97:9 99:4	39:7,10,17,19	Lane 47:22	100:17 110:7
key 14:20 17:11	99:11 103:13	39:19,22 40:24	large 7:1 8:14	112:8
17:12	103:14 107:11	40:24 41:2,11	10:13 28:21	leaves 57:22
keys 14:17	112:16,19	44:20 50:1	34:6,11,16	60:25 130:18
kids 128:22	116:13 117:10	51:1,9,16,21	61:24	leaving 96:19
Kielisch 144:9	119:15 121:7	52:1,10,12,18	largely 140:11	left 38:23 85:18
kill 86:10	121:12 122:1	54:13,25 55:12	larger 61:17	96:2,8 131:11
killed 86:18	124:6 127:24	55:22 56:1	largest 66:6	132:17
137:9	131:8 132:8	58:12,13 65:2	Larry 69:4,9	leg 9:23
killing 78:15	140:24	67:22 75:23	143:14	legal 90:25
kilovolt 85:8	knowing 21:17	76:14 78:19	late 12:16 42:7	legislation 88:15
kilovolts 61:24	known 88:4,7,13	83:2 84:3,10	61:16	legitimate 141:8
kilowatt 80:24	knows 10:2	87:5,6,18	latest 53:12	leprechauns
kind 21:7 73:24	67:12 82:22	89:22 90:5,22	laughed 53:1	117:7
94:7 105:16	Knox 4:24	94:13 95:17,19	54:7	Let's 77:11
110:19 120:10	Kurt 144:9	96:2,8,8,19,23	law 1:20 2:6,9	lethal 86:18
121:20 130:13	kV 14:8 81:4,4	96:24 97:3	2:12,13,16	letter 28:22
		, 5.2 . , , .5		

	I I		I	
51:22 65:9	limits 42:6	69:13 70:16	140:1 141:8	listen 30:11
90:23	Lincoln 14:5	72:19,23 73:5	line's 35:9	112:16
letters 28:19	line 1:14 4:24	73:21 74:1	lineman 69:11	listening 59:9
64:16 65:12,15	6:20,22 7:5	75:6,14,15,19	69:25 71:25	little 3:10 4:21
99:15 114:20	8:11 10:16,19	75:25 76:12	106:8 122:24	19:4,14 20:16
letting 40:8	11:7,9 12:4,20	78:12 79:16,23	linemen 106:8	35:20 38:17
leukemia 46:22	12:22 13:7	79:25 80:2,7,8	lines 8:12 10:17	56:18 62:16
48:9,17,23	14:3,8 15:20	80:12,12,16	10:21 14:21	64:6 65:2 97:6
53:15,24 56:10	15:23 16:5	81:5,8,14,15	17:8 19:1,23	110:1 130:5
79:16 110:21	17:3 18:16	81:16,16,22	22:24 24:3	131:25
Leunen 82:1,6,6	19:19 20:23	82:24 83:7	25:18 28:23,24	little-bitty 81:8
87:3 143:16	21:18 22:22,23	84:10 85:9,22	28:25 29:13	live 16:13 19:17
144:10	23:25 24:11,15	85:22 86:5,13	30:7,8,13	20:20 27:21
level 44:18 71:11	24:18 25:2,4	86:16 87:6,20	34:10,22 35:11	28:4,10,14
82:21	25:12,13 26:6	88:4,8,16,21	37:4,20 38:2	32:13,15 42:2
leveled 83:3,14	26:8,11,14,20	90:14 93:5	39:23 40:23	43:4 71:22
levels 68:14	26:21 27:1,5	97:1,5 98:7	41:5,13 43:13	79:17 82:7
Lewis 2:6 3:20	27:24,25 28:8	101:4 102:10	44:23,24 46:21	91:21 101:7
liable 23:8	28:15,19 29:14	102:16 104:20	48:15,22 53:16	103:9 109:14
126:16	29:21 30:5,24	105:12,15	53:24 54:1	114:17 115:8
Liat 114:10,15	30:25 31:4,23	106:7,20,23	62:8 63:9,15	115:12 120:10
143:20 144:12	32:1,3,8,11,16	107:6,12,13	63:22 66:10,21	120:19 124:5,7
Liberty 43:20	32:18,22,24	108:15 109:6,8	67:7,15,16,17	124:12 128:12
library 53:11	33:3,23 35:21	110:22 112:21	67:23 68:7	128:12 139:25
license 95:4	35:25 36:18	112:24 113:1	71:22 73:9,18	lived 15:17 42:6
lie 97:19	37:1,6,25	113:22 114:2,5	75:18 88:12	71:22 94:7,13
lied 56:3	38:10,13 39:21	114:18 115:14	90:2,5,7,8	103:17 118:21
life 12:18,20	39:22 40:1,3	115:17 117:8	91:23,25 92:3	livelihood 104:6
31:5 32:19	40:20 41:7,12	118:11,12	92:5,23 93:8	livelihoods 57:7
42:18 43:20	41:14,15 42:2	119:7 120:1,2	102:5 108:5	139:6
46:8 54:13	42:3 46:11,14	120:3,3,5,23	112:23 122:3	lives 31:2 35:24
68:23 82:10	46:15 47:8,24	121:6 123:13	123:7,12,20	57:6 90:18
92:14,19 96:23	48:2,7 49:1	124:5,7,9,12	127:3 128:14	104:5 124:7
101:7 116:5	51:2,9,12,23	124:22,24	131:19,20,24	livestock 9:3,23
124:5	51:24 52:3,6	126:8 128:22	135:12 137:6	10:4,20 26:12
lifestyle 43:4	52:20,22,24	129:2,12	138:13 139:1	34:17 37:22
lifetime 42:17	54:10,18,21	130:21 132:6	141:1,6 144:8	42:15 62:9,20
lightening 86:18	55:4,6,12 56:1	132:25 134:10	lingers 122:2	75:5 76:9
liked 103:15	56:4,6,11,22	135:8,13,14,22	link 48:22 54:3 Linton 2:16 4:15	79:14 84:19
106:2	57:2,2,4,25	135:25 136:15		85:19 92:9 130:14
limit 34:23,23 124:25	58:5,7,7,8	136:21 137:2,3	4:16,18	
limitations	59:18 60:16	137:4,7,9,10 138:1,9 139:10	list 108:22 137:14	living 12:22 27:3 28:16 31:9
44:24	61:2,4,18,19 65:2 66:13	138:1,9 139:10	listed 5:13	36:20 42:22
44.24	03.2 00:13	139.11,19	nsteu 5.15	30.20 42.22
	l l		l	ı

	1	1	1	
46:10,18 51:3	63:15 98:12,14	100:5,9,13,21	Ma'ikwe 144:11	maneuver 37:8
51:15 52:2	133:15	103:14 108:4	machinery	manipulation
53:15,24 54:17	looked 64:25	109:13 110:3	13:10 50:18	95:11
54:20 79:15	105:25,25	112:2,18	85:14	manner 23:6,10
91:24 98:19,20	106:1	lots 62:16 64:2	Madam 89:7	91:15 107:25
100:7 102:19	looking 14:18	Lou 48:17	Madison 2:3,10	manually 85:16
106:10 109:18	57:20 95:15	loudly 42:10	79:9	manufactured
128:1	135:20	Louis 17:5	magnetic 66:18	7:1,10
LLC 1:25 2:13	looks 38:18	love 15:19 88:17	66:19 72:1	manufacturers
4:11	132:5	102:8,8,21	mailed 125:12	109:23
LLP 2:6 3:20	loose 131:9	loved 43:11	maim 59:23	manure 130:25
load 9:19	Lorraine 101:19	lovers 120:25	main 42:7 51:1	map 28:22 29:3
loads 83:11	102:1 143:17	low 16:9 21:23	74:14 124:10	29:5,5 32:3
local 1:6 5:9	lose 62:21 63:2	27:5 67:14,15	maintain 1:13	46:16 99:14
14:20,21,23,25	64:6 68:2	lower 16:13	8:18 23:5,10	120:4
15:1 17:14	87:18 92:24	21:16 29:25	35:2 62:4	Margaret 65:20
18:23 56:4,18	138:14	56:8,8 88:22	84:13 85:17	66:2 143:13
67:1 69:23	losing 135:22	125:25 126:3	86:23	Marion 4:24
70:1 72:18	136:23	Lowery 2:6 3:19	maintaining	mark 2:3 4:6 8:9
75:20 91:18	loss 16:8 37:15	3:20,23	8:23	13:19 16:16
110:18 121:13	37:16,17,22	lowest 139:2,14	maintenance	18:16 22:12
121:14,16	38:3 41:1,2,3	loyal 102:21	44:22 137:12	25:20 26:6
131:7,9 142:18	61:4 79:3	Ludwig 144:11	major 6:22	27:12 30:24
locally 18:2 70:1	87:22,23 90:1	lung 54:3	16:12 37:21	31:23 32:22
92:11	114:2 115:17	luxury 54:7	41:6 73:25	33:2,6 44:13
locals 15:4	136:13,16	88:18	91:8 130:15	46:1 60:15
located 6:25	137:7,10,11,16	lymphoma	134:23	61:2 69:17
8:12 46:16	138:10	48:23	majorily 14:20	75:3 82:11
88:10 137:6	losses 12:14		majority 14:19	88:8 89:4
location 7:8	36:24 41:10	M	17:9 74:8,13	114:1,6 116:4
60:15 74:3	139:19	M-a-r-g-a-r-e-t	84:18 87:8,12	117:11,14,18
	lost 23:18 43:11	66:3	141:7	123:8 124:4
64:21 74:10	61:1,23 62:14	M-a-r-l-a 8:7	making 78:8	125:23 126:5,8
84:3 106:10	66:21 68:11	M-a-r-s-h-a	98:23 104:18	133:24 134:7,8
113:4 120:19	75:13	74:25	105:11 138:24	134:21 135:3
long-term 21:24	lot 10:10 20:15	M-e-y-e-r 74:23	man 95:13	136:19 141:20
37:2,17 40:21	20:17,17 21:10	M-i-l-l-e-r 26:5	man-hours	marked 13:20
41:3	25:20 43:22	M-u-r-p-h-y 8:7	14:19 17:19,23	33:7 65:17
longer 66:15	50:6 59:12	ma'am 13:15	45:16 121:5	89:9 114:24
75:24 90:4	60:7 71:14,21	27:17 36:8	Manage 1:14	market 23:1
92:22 107:5	72:17,21 73:3	40:16 41:22	management	78:17,18 91:6
look 8:14 15:22	73:16 74:6	69:3 101:23	63:13 69:12	91:10 134:13
28:13 29:17	78:13 96:8,24	124:3,19 127:1	mandate 133:22	Marla 8:6 143:3
40:4 46:14	97:19 99:11	133:10	mandated 90:25	married 105:22
	<u> </u>	<u> </u>	<u> </u>	I

	I		ı	
106:2 128:11	48:19 53:10,12	metaphor 113:3	mine 6:6 61:16	35:20,21 36:1
Marsha 74:23	85:25 86:3	113:4 121:19	91:21	39:9,9 42:3,7
marshy 52:19	93:16 94:10	121:20,24	minimize 88:15	46:10,24,24
Mary 133:8	100:24	meters 133:25	139:14	47:2,7,9,21
massive 9:2	medicine 94:25	134:2	minimized	49:2 50:8 51:4
11:25 99:25	98:12	metropolitan	135:15	56:13,15,22
material 14:23	meet 15:6 24:4	102:4	minimum 61:5	57:24 58:2,2,7
14:25	38:14 45:12	Mexico 67:3	Minions 99:1	59:17 60:16
materials 17:23	80:6	Meyer 74:17,22	Minnesota 79:2	62:10 63:10,18
50:2	meeting 59:2,6	74:22 76:25	minor 110:3,9	66:6 67:2
maternity 88:5,7	60:4 99:3	143:15	minute 55:24	69:19 71:2,12
Matt 30:21 33:3	125:6,8,10	Micah 144:13	57:23 61:14	73:10 75:12
matter 1:11	127:16,20	MidAmerican	minutes 5:20,21	76:17 78:7
27:10 55:15	130:9	80:17 81:1	59:8 78:8	79:25 80:25
56:25 76:19	meetings 46:14	135:6	81:12 87:1,2	82:8,15 85:6
107:7 117:5	80:4 97:24	middle 32:2	miscarriage	87:21 88:2
maximize	98:6,9 99:19	50:15	48:18	91:3 93:9
135:17 136:8	125:7	midnight 112:1	misfortune	102:13,16,23
maximized	megawatts	migrating	121:25 122:1	102:24 105:20
139:1	134:22 139:13	115:18	MISO 133:21	109:18 111:21
maximizing	member 44:10	migration 88:13	135:9,9 140:24	112:7,21
137:22 140:5	48:4 88:25	migratory 88:11	140:25	114:18 116:3
mayor 94:6	members 22:10	140:10	mispronounce	117:11 118:21
Maywood	44:11 45:25	mile 8:13 54:16	6:5	118:22 120:1,4
123:14	46:6	61:7 115:8	mispronounced	122:8 124:24
McGrath 17:16	memories 31:18	138:2	6:7,8	126:6,12 130:4
meadows 58:12	31:19	miles 19:18	mispronouncing	132:4,12
mean 3:5 67:3	men 43:12,18	20:21 26:7	15:8 18:9	133:18,18,21
67:10,18,25	106:17	27:21 33:21	Mississippi	133:22,24
68:12,21,22	Mennonites	58:8 79:24	12:11	134:1,3,6,9,13
73:23 132:8	96:25 97:9,15	80:1 81:4 84:3	Missouri 1:1,8	134:17 135:5
meaningful	99:25	96:25 99:19	1:15,16 2:4,5,7	136:11,18
111:22	mention 59:1,24	105:19 138:4	2:10,14,17,18	138:16,17,21
means 52:2,4,7	67:2,7,17	milk 79:7	3:13,21 4:2,7	139:3,13,16,24
62:21 84:14	mentioned	milking 38:20	4:12,14,16,17	140:7,17,18,20
105:23 112:18	18:17 45:14	Miller 25:24	6:19,23,25	141:1,2,16,25
140:5	53:25 70:21	26:4,4 27:14	7:10 8:10 12:9	145:5
meant 104:10	130:9 137:3	143:7	13:8 14:4 17:4	Missouri's 36:23
measure 92:17	138:14 139:23	million 79:3	17:8,11 18:6	38:10 41:9
measurements	Mercer 111:7	136:10,11,15	20:3,13 21:19	104:19 134:21
33:25	messages 30:10	138:2,5,5,15	22:11,19 24:17	136:6
mechanical	met 28:18 97:7	138:17 139:20	24:21,25 25:5	Missouri-Iowa
84:14	112:11	mind 49:23	25:7,10,16,17	58:1
medical 48:11	metal 79:5 137:6	76:22 133:16	30:6 31:24	Missourians 7:6
	<u> </u>		<u> </u>	

7:9,11 26:10		1	1	1	1
MS:22 126:1 mothers 53:8 motivated 50:25 44:6 45:5,21 67:10 navigating 76:3 83:13 57:3 navigating 76:3 83:13 57:3 navigating 76:3 83:13 57:3 navigating 76:3 83:13 134:21 navigating 76:3 83:13 134:21 navigating 76:3 83:13 134:21 navigating 76:3 83:13 134:21 navigating 76:3 83:13 134:21 navigating 76:3 83:13 134:21 navigating 76:3 83:13 134:21 navigating 76:3 83:13 134:21 navigating 76:3 83:13 134:21 navigating 76:3 83:13 134:21 navigating 76:3 83:13 134:21 navigating 76:3 83:13 134:21 navigating 76:3 83:13 134:21 navigating 76:3 83:13 134:21 navigating 76:3 83:13 134:21 navigating 76:3 83:13 134:21 navigating 76:3 83:13 134:21 navigation 52:6 navigation 52:6 navigation 52:6 navigation 52:6 navigation 52:6 navigation 52:6 navigation 52:6 navigation 52:6 navigation 52:6 navigation 52:6 navigation 52:6 navigation 52:6 navigation 52:6 navigation 52:6 navigation 52:6 navigation 52:6 navigation 52:6 navigation 52:6 navigation 52:6 navigation 52:6 navigation 52:6 navigation 52:6 navigation 52:6 navigation 52:6 navigation 52:6 navigation 52:6 navigation 52:6 navigation 52:6 navigation 52:6 navigation 52:6 navigation 52:6 navigation 52:6 navigation 52:6 navigation 52:6 navigation 52:6 navigation 52:6 navigation 52:6 navigation 52:6 navigation 52:6 navigation 52:6 navigation 52:6 navigation 52:6 navigation 52:6 navigation 52:6 navigation 52:6 navigation 52:6 navigation 52:6 navigation 52:6 navigation 52:6 navigation 52:6 navigation 52:6 navigation 52:6 navigation 52:6 navigation 52:6 navigation 52:6 navigation 52:6 navigation 52:6 navigation 52:6 navigation 52:6 navigation 52:6 navigation 52:6 navigation 52:6 navigation 52:6 navigation 52:6 navigation 52:6 navigation 52:6 navigation 52:6 navigation 52:6 navigation 52:6 navigation 52:6 navigation 52:6 navigation 52:6	7:9,11 26:10	142:16	27:18 33:11,13	88:17 101:2,4	needed 3:7 8:10
MIT 134:20 mix 71:4,9,11 modifying 29:8 motivated 50:25 motto 81:18 44:6 45:5,21 45:23 47:17,19 67:10 mavigating 34:10 35:19 38:13 57:3 76:3 83:13 Moines 127:19 mold 9:14 mond 9:14 mouths 98:5 move 9:18 23:15 49:8,17,19 58:25 65:25 navigating navigating 34:10 35:19 76:3 83:13 134:21 Momma 10:10 moment 77:14 Momma 127:18 move 9:18 23:15 76:10 92:21 66:2 69:7 72:12,14 74:20 11:2 12:22 22:18 24:2,3 38:15 53:17 38:15 53:17 monarch 115:19 monetary 26:25 92:13 moved 28:12,24 29:18 47:20 89:16 93:22 102:3 103:11 37:19 38:14 102:3 103:11 41:5 53:15,24 109:1,3 11:3 45:20 71:22 22:18 56:5.9 negative 89:25 92:2,16 124:9 negative 89:25 100:4 103:12 111:4 113:14 114:11 115:4 86:15 115:9 nearby 37:20 neighbor's 51:25 130:18 neighbor's 51:25 130:18 neighbor's 51:25 130:18 neighbor's 51:25 130:18 neighbor's 51:25 130:18 neighbor's 51:25 130:18 neighboring 96:11 neighbor's 51:25 130:18 neighbor's 51:25 130:18 neighbors' 51:25 130:18 neighbors' 51:25 130:18 neighbors' 51:25 130:18 neighbors' 51:25 130	60:2 66:23	mother's 77:24	36:5,12 40:17	101:5	8:22 11:12
mix71:4,9,11 modifying 29:8 motto 81:18 mouths 98:5 mouths 98:5 move 9:18 23:15 moment 77:14 mouths 98:5 move 9:18 23:15 moment 77:14 Momma 127:18 months 12:11 months 12:11 months 12:11 months 12:11 months 12:11 months 12:11 months 12:11 months 12:11 months 12:11 months 12:11 months 12:11 months 12:11 months 12:13 months 12:13 months 12:13 months 12:13 months 12:13 months 12:13 months 12:13 months 12:13 months 12:13 months 12:13 months 12:13 months 12:13 months 12:13 months 12:13 months 12:13 months 12:13 months 12:13 months 12:13 months 12:13 months 12:13 months 12:13 months 12:13 months 12:13 months 12:13 months 12:13 months 12:13 months 12:13 months 12:13 months 12:13 months 12:13 months 12:13 months 12:13 months 12:13 months 12:13 months 12:13 months 12:13 months 12:13 months 12:13 months 12:13 months 12:13 months 12:13 months 12:13 months 12:13 months 12:13 months 12:13 months 12:13 months 12:13 months 12:13 months 12:13 months 12:13 months 12:13 months 12:13 months 12:13 months 12:13 months 12:13 months 12:13 months 12:13 months 12:13 months 12:13 months 12:13 months 12:13 months 12:13 months 12:13 months 12:13 months 12:13 months 12:13 months 12:13 months 12:13 months 12:13 months 12:13 months 12:13 months 12:13 months 12:13 months 12:13 months 12:13 months 12:13 months 12:13 months 12:13 months 12:13 months 12:13 months 12:13 months 12:13 months 12:13 months 12:13 months 12:13 months 12:13 months 12:13 months 12:13 months 12:13 months 12:13 months 12:13 months 12:13 months 12:13 months 12:13 months 12:13 months 12:13 months 12:13 months 12:13 months 12:13 months 12:13 months 12:13 months 12:13 months 12:13 months 12:13 months 12:13 months 12:13 months 12:13 months 12:13 months 12:13 months 12:13 months 12:13 months 12:13 months 12:13	88:22 126:1	mothers 53:8	41:23,25 44:4	navigate 66:18	30:8,13 34:8
modifying 29:8 motto 81:18 49:8,17,19 34:10 35:19 134:21 needing 122:11 mold 9:14 mounts 98:5 57:16 58:19,23 near 1:15 10:14 needing 122:11 moment 77:14 move 9:18 23:15 66:2 69:7 11:2 12:22 38:15 53:17 Momma 127:18 76:10 92:21 78:3 82:5 25:18 29:14,21 near 1:15 10:14 needing 122:11 moneth 77:14 Momma 127:18 76:10 92:21 78:3 82:5 25:18 29:14,21 needing 122:11 moneth 15:19 moved 28:12,24 89:16 93:22 37:19 38:14 negative 89:25 92:13 moved 28:12,24 29:18 47:20 100:24 102:1 41:5 53:15,24 negatively 32:19 moneth 50:4 102:3 103:11 109:1,3 111:3 75:25 84:10 52:2,5 85:25 52:18 29:14,21 13:7 37:9,24 102:3 103:11 109:1,3 111:3 75:25 84:10 52:25 95:21 120:10 39:15 41:1 moving 50:5 114:13 115:4 137:3,47,9,10 neighbor's 51:25 130:18 79:19 94:17 38:8,23 39:25 122:16 123:23 41:6 125:9 132:13	MIT 134:20	motivated 50:25	44:6 45:5,21	67:10	38:13 57:3
Moines 127:19 mold 9:14 mouths 98:5 more 9:18 23:15 more 9:18 23:15 more 9:18 23:15 move 9:18 23:15 move 9:18 23:15 doi:10. 57:16 58:19,23 move 1:15 10:14 mouths 98:5 move 9:18 23:15 doi:10. needing 122:11 needs 14:6 15:3 move 1:15 10:14 mouths 98:5 move 9:18 23:15 doi:10. near 1:15 10:14 moeds 14:6 15:3 move 1:15 10:14 mouths 98:5 move 9:18 23:15 doi:10. near 1:15 10:14 moeds 14:6 15:3 move 1:15 10:14 moved 1:12 moved 28:12.24 moved 28:12,24 moved 28:12,24 moved 28:12,24 moved 28:12,24 moved 28:12,24 moved 28:12,24 moved 28:12,24 moved 28:12,24 moved 28:12,24 moved 28:12,24 moved 28:12,24 moved 28:12,24 moved 28:12,24 moved 28:12,24 moved 28:12,24 moved 28:12,24 moved 28:12,24 moved 28:12,24 moved 28:12,24 moved 28:12,24 moved 28:12,24 moved 28:12,24 moved 28:12,24 moved 28:12,24 moved 28:12,24 moved 28:12,24 moved 28:12,24 moved 28:12,24 moved 28:12,24 moved 28:12,24 moved 28:12,24 moved 28:12,24 moved 28:12,24 moved 28:12,24 moved 28:12,24 moved 28:12,24 moved 28:12,24 moved 28:12,24 moved 28:12,24 moved 28:12,24 moved 28:12,24 moved 28:12,24 moved 28:12,24 moved 28:12,24 moved 28:12,24 moved 28:12,24 moved 28:12,24 moved 28:12,24 moved 28:12,24 moved 28:12,24 moved 28:12,24 moved 28:12,24 moved 28:12,24 moved 28:12,24 moved 28:13,111:3 moved 28:13 moved 28:13 moved 28:13 moved 28:13 moved 28:13 moved 28:13 moved 28:14 moved 28:14 moved 28:14 moved 28:15 moved 28:12,24 moved 28:12,24 moved 28:12,24 moved 28:12,24 moved 28:12,24 moved 28:12,24 moved 28:12,24 moved 28:12,24 moved 28:12,24 moved 28:12,24 moved 28:12,24 moved 28:12,24 moved 28:12,24 moved 28:12,24 moved 28:12,24 moved 28:12,24 moved 28:12,24 moved 28:12,24 moved 28:12,24 moved 28:12,24 moved 28:12,24 moved 28:12,24 moved 28:12,24 moved 28:12,24 moved 28:12,24 moved 28:12,24 moved 28:12,24 moved 28:12,24 moved 28:12,24 moved 28:12,24 moved 28:12,24 moved 28:12,24 moved 28:12,24 moved 28:12,24 moved 28:12,24 moved 28:12,24 moved 28:12,24 moved 28:12,24 moved	mix 71:4,9,11	138:12	45:23 47:17,19	navigating	76:3 83:13
mold 9:14 mom 20:10 mow 9:18 23:15 move 9:18 23:15 58:25 65:25 move 1:15 10:14 move 9:18 23:15 near 1:15 10:14 move 1:15:33 38:15 53:17 needs 14:6 15:3 38:15 53:17 Momman 127:18 monarch 115:19 monetary 26:25 ground reth 115:19 monetary 26:25 ground reth 115:19 monetary 26:25 ground reth 12:13 moved 28:12,24 29:18 47:20 moved 28:12,24 101:24 102:1 doi:10.23 103:11 los:1,3 11:3 for:25 84:10 los:6 105:2,21 for:25 84:10 los:6 105:2,21 for:25 84:10 los:6 105:2,21 for:25 84:10 los:6 105:2,21 for:25 84:10 los:6 105:2,21 for:25 84:10 los:6 105:2,21 for:25 84:10 los:6 105:2,21 for:25 84:10 los:6 105:2,21 for:25 84:10 los:6 105:2,21 los:13 for:25 for:25 84:10 los:6 105:2,21 los:13 for:25 for:25 84:10 los:6 105:2,21 los:13 for:25 for:25 84:10 los:6 for:25 for:25 84:10 los:13 los:13 los:13 los:13 los:14 los:13 los:14 los:13 los:14 los:13 los:14 los:14 los:14 los:14 los:14 los:14 los:14 los:14 los:14 los:14 los:14 los:14 los:14 los:14 los:14 los:14 los:14 los:14 los:14 los:14 los:14 los:14 los:14 los:14 los:14 los:14 los:14 los:14 los:14 los:14 los:14 los:14 los:14 los:14 los:14 los:14 los:14 los:14 los:14 los:14 los:14 los:14 los:14 los:14 los:14 los:14 los:14 los:14 los:14 los:14 los:14 los:14 los:14 los:14 los:14 los:14 los:14 los:14 los:14 los:14 los:14 los:14 los:14 los:14 los:14 los:14 los:14 los:14 los:14 los:14 los:14 los:14 los:14 los:14 los:14 los:14 los:14 los:14 los:14 los:14 los:14 los:14 los:14 los:14 los:14 los:14 los:14 los:14 los:14 los:14 los:14 los:14 los:14 los:14 los:14 los:15 los:15 los:15 los:15 los:15 los:15 los:15 los:15 los:15 los:15 los:15 los:14 los:14 los:14 los:14 los:14 los:14 los:14 los:14 los:14 los:14 los:14 los:14 los:14 los:14 los:14 los:14 los:14 los:14 los:14 los:14 los:14 los:14 los:14 los:14 los:14 los:14 los:14 los:14 los:14 los:14 los:14 los:14 los:14 los:14 los:14 los:14 los:14 los:14 los:14 los:14 los:14 los:14 los:14 los:14 los:14 los:14 los:14 los:14 los	modifying 29:8	motto 81:18	49:8,17,19	34:10 35:19	134:21
mom 20:10 move 9:18 23:15 66:2 69:7 11:2 12:22 38:15 53:17 64:12 78:19 Mommat 77:14 Momma 127:18 monarch 115:19 76:10 92:21 78:3 82:5 25:18 29:14,21 64:12 78:19 62:25:18 29:14,21 64:12 78:19 64:12 78:19 64:12 78:19 64:12 78:19 64:12 78:19 64:12 78:19 64:12 78:19 64:12 78:19 64:12 78:19 64:12 78:19 64:12 78:19 64:12 78:19 64:12 78:19 64:12 78:19 64:12 78:19 64:12 78:19 64:12 78:19 64:12 78:19 64:12 78:19 64:12 78:19 64:12 78:19 64:12 78:19 64:12 78:19 64:12 78:19 64:12 78:19 64:12 78:19 64:12 78:19 64:12 78:19 64:12 78:19 64:12 78:19 64:12 78:19 64:12 78:19 64:12 78:19 64:12 78:19 64:12 78:19 64:12 78:19 64:12 78:19 64:12 78:19 64:12 78:19 64:12 78:19 64:12 78:19 62:13 14:21 71:13 14:31 71:13 14:31 71:13 14:31 71:13 14:31 71:13 14:31 71:13 14:31 71:13 14:31 71:13 14:31 71:13 14:31 71:14 14:31 71:14 14:31 71:14 14:31 71:14 14:31	Moines 127:19	mountain 50:11	57:16 58:19,23	navigation 52:6	needing 122:11
moment 77:14 23:16 31:12 72:12,14 74:20 21:18 24:2,3 64:12 78:19 Momma 127:18 76:10 92:21 78:3 82:5 25:18 29:14,21 negative 89:25 monetary 26:25 moved 28:12,24 101:24 102:1 41:5 53:15,24 negative 89:25 92:13 29:18 47:20 103:6 105:2,21 54:20 71:22 negighbor 35:8 money 12:13 102:3 103:11 109:1,3 111:3 75:25 84:10 52:9 55:21 39:15 41:1 moving 50:5 114:13 115:4 86:15 115:9 120:10 59:13 64:6 mow 37:6 122:16 123:23 41:6 nearby 37:20 neighbor's 79:19 94:17 38:8,23 39:25 126:21 127:8 125:9 132:13 96:11 neighbor's 79:19 94:17 38:8,23 39:25 126:21 127:8 125:9 132:13 necessary 5:3 49:8 927:11 95:1,3 96:22 40:7 41:9 127:10 128:6,7 8:19 25:3,5 32:21 53:5 98:20 99:6 Multi 81:2 105:5 name's 22:9 83:9 75:5 82:16 105:11 107:8 85:2 multispecies 105:5	mold 9:14	mouths 98:5	58:25 65:25	near 1:15 10:14	needs 14:6 15:3
Momma 127:18 monarch 115:19 monarch 115:19 monetary 26:25 76:10 92:21 106:4 moved 28:12,24 moved 28:12,24 moved 28:12,24 moved 28:12,24 moved 28:12,24 moved 28:12,24 moved 28:12,24 moved 28:12,24 moved 28:12,24 moved 28:12,24 moved 28:12,24 moved 28:12,24 moved 28:12,24 moved 28:12,24 moved 28:12,24 moved 28:12,24 moved 28:12,24 moved 28:12,24 moved 28:12,24 moved 28:12,24 moved 28:12,24 moved 28:12,24 moved 28:12,24 moved 28:12,24 moved 28:12,24 moved 28:12,24 moved 28:12,24 moved 28:12,24 moved 28:12,24 moved 28:12,24 moved 28:12,24 moved 28:12,24 moved 28:12,24 moved 28:12,24 moved 28:12,24 moved 28:12,24 moved 28:12,24 moved 28:12,24 moved 28:12,24 moved 28:12,24 moved 28:12,24 moved 28:12,24 moved 28:12,24 moved 28:12,24 moved 28:12,24 moved 28:12,24 moved 28:12,24 moved 28:12,24 moved 28:12,24 moved 28:12,24 moved 28:12,24 moved 28:12,24 moved 28:12,24 moved 28:12,24 moved 28:12,24 moved 28:12,24 moved 28:12,24 moved 28:12,24 moved 28:12,24 moved 28:12,24 moved 28:12,24 moved 28:12,24 moved 28:12,24 moved 28:12,24 moved 28:12,24 moved 28:12,24 moved 28:12,24 moved 28:12,24 moved 28:12,24 moved 28:12,24 moved 28:12,24 moved 28:12,24 moved 28:12,24 moved 28:12,24 moved 28:12,24 moved 28:12,24 moved 28:12,24 moved 28:12,24 moved 28:12,24 moved 28:12,24 moved 28:12,24 moved 28:12,24 moved 28:12,14 moved 28:12,14 moved 28:12,14 moved 28:12,14 moved 28:12,12 moved 29:14,21 moved 29:14,22 moved 29:14,22 moved 29:14,22 moved 29:14,22 moved 29:14,22 moved 29:14,22 moved 29:14,22 moved 29:14,22 moved 29:14,22 moved 29:14,22 moved 29:14,21 moved 29:14,24 moved 29:14,24 moved 29:14,24 moved 29:14,24 moved 29:14,24 moved 29:14,24 moved 29:14,24 moved 29:14,24 moved 29:14,24 moved 29:14,24 moved 29:14,24 moved 29:14,24 moved 29:14,24 moved 29:14,24 moved 29:14,24 moved 29:14,24 moved 29:14,24 moved 29:14,24 moved 29:14,24 moved 29:14,24 moved 29:14,24 moved 29:14,24 moved 29:14,24 moved 29:14,24 moved 29:14,24 moved 29:14,24 moved 29:14,24 moved 29:14,24 moved 29:14,24 moved 29:1	mom 20:10	move 9:18 23:15	66:2 69:7	11:2 12:22	38:15 53:17
monarch 115:19 monetary 26:25 grill monetary 26:25 grill monetary 26:25 grill monetary 26:25 grill monetary 26:25 grill monetary 26:25 grill monetary 26:25 grill monetary 26:25 grill monetary 26:25 grill monetary 26:25 grill monetary 26:25 grill monetary 26:25 grill monetary 26:25 grill monetary 26:25 grill monetary 26:25 grill monetary 26:25 grill monetary 26:25 grill monetary 26:25 grill monetary 26:25 grill monetary 26:25 grill monetary 26:25 grill monetary 26:25 grill monetary 26:25 grill monetary 26:25 grill monetary 26:25 grill monetary 26:25 grill monetary 26:25 grill monetary 26:25 grill monetary 26:25 grill monetary 26:25 grill monetary 26:25 grill monetary 26:25 grill monetary 26:25 grill monetary 26:25 grill monetary 26:25 grill monetary 26:25 grill monetary 26:25 grill monetary 26:25 grill monetary 26:25 grill monetary 26:25 grill monetary 26:25 grill monetary 26:25 grill monetary 26:25 grill monetary 26:25 grill monetary 26:25 grill monetary 26:25 grill monetary 26:25 grill monetary 26:25 grill monetary 26:25 grill monetary 26:25 grill monetary 26:26 grill monetary 26:26 grill monetary 26:27 grill monetary 26:28 grill monetary 26:28 grill monetary 26:28 grill monetary 26:28 grill monetary 26:28 grill monetary 26:28 grill monetary 27:20 grill monetary 27:20 grill monetary 27:20 grill monetary 27:20 grill monetary 27:20 grill monetary 27:20 grill monetary 27:20 grill monetary 27:20 grill monetary 27:20 grill monetary 27:20 grill monetary 27:20 grill monetary 27:20 grill monetary 27:20 grill monetary 27:20 grill monetary 27:20 grill monetary 27:20 grill monetary 27:20 grill monetary 27:20 grill monetary 27:20 grill monetary 27:20 grill monetary 27:20 grill monetary 27:20 grill 27:20 grill monetary 27:20 grill monetary 27:20 grill 27:20 grill monetary 27:20 grill 27:20 grill 27:20 grill 27:20 grill 27:20 grill 27:20 grill 27:20 grill 27:20 grill 27:20 grill 27:20 grill 27:20 grill 27:20 grill 27:20 grill 27:20 grill 27:20 grill 27:20 grill 27:20 grill 27:20 grill 27:20 grill 27:2	moment 77:14	23:16 31:12	72:12,14 74:20	21:18 24:2,3	64:12 78:19
monetary 26:25 moved 28:12,24 101:24 102:1 41:5 53:15,24 negatively 32:19 92:13 29:18 47:20 103:6 105:2,21 54:20 71:22 neighbor 35:8 39:15 41:1 103:12 111:4 113:14 86:15 115:9 52:9 55:21 39:15 41:1 moving 50:5 114:13 115:4 137:3,4,7,9,10 neighbor's 52:13 56:5,9 83:10 116:16 119:11 nearby 37:20 neighboring 70:4,9,18 MTTP 36:22 123:24 124:15 nearly 82:20 96:11 79:19 94:17 38:8,23 39:25 126:21 127:8 125:9 132:13 neighboring 98:20 99:6 Multi 81:2 129:19 133:5 necessary 5:3 4:9 8:9 27:11 100:4 103:22 multispecies 105:5 name's 22:9 83:9 75:5 82:16 109:10,14,14 Murphy 7:13,16 6:7 74:25 57:10 79:22 neighbors' 112:9 117:12 7:18,20,24 8:1 101:20 116:14 90:16 93:11 117:25 120:2 118:11 119:3 13:13,17 143:3 NAPA 70:1 need 3:10 26:13 nephew's 67:19 18:25	Momma 127:18	76:10 92:21	78:3 82:5	25:18 29:14,21	negative 89:25
92:13 29:18 47:20 103:6 105:2,21 54:20 71:22 neighbor 35:8 money 12:13 102:3 103:11 109:1,3 111:3 75:25 84:10 52:9 55:21 13:7 37:9,24 103:12 111:4 113:14 86:15 115:9 120:10 39:15 41:1 moving 50:5 114:13 115:4 137:3,47,9,10 neighbor's 52:13 56:5,9 83:10 116:16 119:11 nearby 37:20 51:25 130:18 70:4,9,18 MTTP 36:22 123:24 124:15 nearly 82:20 96:11 79:19 94:17 38:8,23 39:25 126:21 127:8 125:9 132:13 neighbor's 95:1,3 96:22 Multi 81:2 127:10 128:6,7 necessary 5:3 4:9 8:9 27:11 98:20 99:6 Multi 81:2 129:19 133:5 8:19 25:3,5 32:21 53:5 100:4 103:22 multispecies name's 22:9 83:9 75:5 82:16 109:10,14,14 Murphy 7:13,16 6:7 74:25 57:10 79:22 neighbors' 117:13,14,21 13:13,17 143:3 NAPA 70:1 140:19 neither 145:8 118:11 119:3 13:13,17 143:3 Nate	monarch 115:19	106:4	89:16 93:22	37:19 38:14	92:2,16 124:9
money 12:13 102:3 103:11 109:1,3 111:3 75:25 84:10 52:9 55:21 13:7 37:9,24 39:15 41:1 moving 50:5 111:4 113:14 86:15 115:9 120:10 52:13 56:5,9 83:10 116:16 119:11 137:3,4,7,9,10 neighbor's 59:13 64:6 mow 37:6 122:16 123:23 41:6 neighboring 79:19 94:17 38:8,23 39:25 40:7 41:9 127:10 128:6,7 necessary 5:3 4:9 8:9 27:11 98:20 99:6 Multi 81:2 129:19 133:5 8:19 25:3,5 32:21 53:5 100:4 103:22 multispecies 105:5 name's 22:9 83:9 75:5 82:16 109:10,14,14 Murphy 7:13,16 6:7 74:25 57:10 79:22 neighbors' 112:9 117:12 7:18,20,24 8:1 101:20 116:14 90:16 93:11 117:25 120:2 118:11 119:3 13:13,17 143:3 Nate 76:20 need 3:10 26:13 neither 145:8 110:25 111:4 110:25 111:4 38:9 42:11 nephew's 67:19 182:25 N-a-t-e 111:4 N-e-w-l-a-n-d 89:19 90:24 91:12,13 5	monetary 26:25	moved 28:12,24	101:24 102:1	41:5 53:15,24	negatively 32:19
13:7 37:9,24 39:15 41:1 moving 50:5 83:10 116:16 119:11 nearby 37:20 51:25 130:18 neighbor's 51:25 130:18 neighbor's 51:25 130:18 neighbor's 51:25 130:18 neighbor's 51:25 130:18 neighbor's 51:25 130:18 neighbor's 51:25 130:18 neighbor's 51:25 130:18 neighbor's 51:25 130:18 neighbor's 51:25 130:18 neighboring 96:11 neighbors 2:15 125:9 132:13 neighbors 2:15 125:9 132:13 neighbors 2:15 125:9 132:13 neighbors 2:15 125:9 132:13 neighbors 2:15 125:9 132:13 neighbors 2:15 125:9 132:13 neighbors 2:15 125:9 132:13 neighbors 2:15 125:9 132:13 neighbors 2:15 125:9 132:13 neighbors 2:15 125:9 132:13 neighbors 2:15 125:9 132:13 neighbors 2:15 125:9 132:13 neighbors 2:15 125:9 132:13 neighbors 2:15 125:9 132:13 neighbors 2:15 125:9 132:13 neighbors 2:15 125:9 132:13 neighbors 2:15 125:9 132:13 neighbors 2:15 125:9 132:13 neighbors 2:15 125:9 132:13 neighbors 2:15 125:9 132:13 neighbors 2:15 125:9 132:13 neighbors 2:15 125:9 132:13 neighbors 2:15 125:9 132:13 neighbors 2:15 125:9 132:13 neighbors 2:15 name's 22:9 125:9 132:13 neighbors 2:15 125:9 132:13 neighbors 2:15 125:9 132:13 neighbors 2:15 125:9 132:13 neighbors 2:15 125:9 132:13 neighbors 2:15 125:9 132:13 neighbors 2:15 125:9 132:13 neighbors 2:15 125:9 132:13 neighbors 2:15 125:9 132:13 neighbors 2:15 125:9 132:13 neighbors 2:15 125:9 132:13 neighbors 2:15 125:9 132:13 neighbors 2:15 125:9 132:13 neighbors 2:15 125:9 132:13 neighbors 2:15 name's 22:9 necessity 1:13 14:21 115:11 117:25 120:2 neighbors 2:15 125:9 132:13 neighbors 2:15 name's 22:9 neighbors 2:15 neighbors 2:15 name's 22:9 neighbors 2:15 neighbors 2:15 neighbors 2:15 neighbors 2:15 neighbors 2:15 neighbors 2:15 neighbors 2:15 neighbors 2:15 neighbors 2:15 neighbors 2:15 neighbors 2:15 neighbors 2:15 neighbors 2:15 neighbors 2:15 neighbors 2:15	92:13	29:18 47:20	103:6 105:2,21	54:20 71:22	neighbor 35:8
39:15 41:1	money 12:13	102:3 103:11	109:1,3 111:3	75:25 84:10	52:9 55:21
52:13 56:5,9 83:10 116:16 119:11 nearby 37:20 51:25 130:18 59:13 64:6 mow 37:6 122:16 123:23 41:6 neighboring 70:4,9,18 MTTP 36:22 123:24 124:15 nearly 82:20 96:11 79:19 94:17 38:8,23 39:25 40:7 41:9 127:10 128:6,7 necessary 5:3 4:9 8:9 27:11 98:20 99:6 Multi 81:2 129:19 133:5 8:19 25:3,5 32:21 53:5 100:4 103:22 multispecies 105:5 necessity 1:13 114:21 115:11 105:11 107:8 85:2 name's 22:9 83:9 75:5 82:16 109:10,14,14 Murphy 7:13,16 6:7 74:25 57:10 79:22 neighbors 2:15 112:9 117:12 7:18,20,24 8:1 101:20 116:14 90:16 93:11 10:15 118:11 119:3 13:13,17 143:3 NAPA 70:1 NAPA 70:1 140:19 neither 145:8 moneys 38:20 N N 2:1 3:1 143:1 NAet 76:20 nation 46:11 59:22 62:8 neutral 74:9 month 50:4 N-e-w-l-a-n-d 89:19 118:4 143:19 90:24 91:12,13 <td>13:7 37:9,24</td> <td>103:12</td> <td>111:4 113:14</td> <td>86:15 115:9</td> <td>120:10</td>	13:7 37:9,24	103:12	111:4 113:14	86:15 115:9	120:10
59:13 64:6 mow 37:6 122:16 123:23 41:6 neighboring 70:4,9,18 MTTP 36:22 123:24 124:15 nearly 82:20 96:11 79:19 94:17 38:8,23 39:25 126:21 127:8 125:9 132:13 neighbors 2:15 95:1,3 96:22 40:7 41:9 127:10 128:6,7 necessary 5:3 4:9 8:9 27:11 98:20 99:6 Multi 81:2 129:19 133:5 8:19 25:3,5 32:21 53:5 100:4 103:22 multispecies name's 22:9 83:9 75:5 82:16 105:11 107:8 85:2 names 5:13 6:4 40:10 41:17 117:25 120:2 109:10,14,14 Murphy 7:13,16 6:7 74:25 57:10 79:22 neighbors 112:9 117:12 7:18,20,24 8:1 101:20 116:14 90:16 93:11 10:15 118:11 119:3 13:13,17 143:3 144:3 10:25 111:4 38:9 42:11 neighbors 118:4 143:19 nonecssity 1:13 neighbors neighbors 111:20:15 119:20 116:14 90:16 93:11 10:15 neighbors 110:25 111:4 38:9 need 3:10 26:13	39:15 41:1	moving 50:5	114:13 115:4	137:3,4,7,9,10	neighbor's
70:4,9,18 MTTP 36:22 123:24 124:15 nearly 82:20 96:11 79:19 94:17 38:8,23 39:25 126:21 127:8 125:9 132:13 neighbors 2:15 95:1,3 96:22 40:7 41:9 127:10 128:6,7 necessary 5:3 4:9 8:9 27:11 98:20 99:6 Multi 81:2 129:19 133:5 8:19 25:3,5 32:21 53:5 100:4 103:22 multiple 53:21 name's 22:9 83:9 75:5 82:16 105:11 107:8 85:2 name's 22:9 necessity 1:13 114:21 115:11 109:10,14,14 Murphy 7:13,16 6:7 74:25 57:10 79:22 neighbors' 112:9 117:12 7:18,20,24 8:1 101:20 116:14 90:16 93:11 10:15 118:11 119:3 13:13,17 143:3 NAPA 70:1 140:19 neither 145:8 139:5 144:3 Nate 76:20 need 3:10 26:13 nephew's 67:19 monitoring 34:6 N-a-t-e 111:4 N-a-t-e 111:4 89:19 64:8 72:22 neutral 74:9 month 50:4 N-e-w-l-a-n-d 89:19 91:18 136:20 98:14 104:8 82:9 84:2 months	52:13 56:5,9	83:10	116:16 119:11	nearby 37:20	51:25 130:18
79:19 94:17 38:8,23 39:25 126:21 127:8 125:9 132:13 neighbors 2:15 95:1,3 96:22 40:7 41:9 127:10 128:6,7 necessary 5:3 4:9 8:9 27:11 98:20 99:6 Multi 81:2 129:19 133:5 8:19 25:3,5 32:21 53:5 100:4 103:22 multiple 53:21 name's 22:9 83:9 75:5 82:16 105:11 107:8 85:2 names 5:13 6:4 40:10 41:17 117:25 120:2 109:10,14,14 Murphy 7:13,16 6:7 74:25 57:10 79:22 neighbors 112:9 117:12 7:18,20,24 8:1 101:20 116:14 90:16 93:11 10:15 118:11 119:3 13:13,17 143:3 NAPA 70:1 NAPA 70:1 need 3:10 26:13 neither 145:8 139:5 144:3 110:25 111:4 38:9 42:11 nephew's 67:19 moneys 38:20 N-a-t-e 111:4 18:4 143:19 56:22 59:4,7 nest 115:19,20 month 50:4 N-e-w-l-a-n-d 89:19 64:8 72:22 never 37:14 136:12 90:14 10:8 90:24 91:12,13 54:13 69:14 136:12 91:18 136:20 9	59:13 64:6	mow 37:6	122:16 123:23	41:6	neighboring
95:1,3 96:22 40:7 41:9 127:10 128:6,7 necessary 5:3 4:9 8:9 27:11 98:20 99:6 Multi 81:2 129:19 133:5 8:19 25:3,5 32:21 53:5 100:4 103:22 multiple 53:21 name's 22:9 83:9 75:5 82:16 104:16,18 multispecies 105:5 names 5:13 6:4 40:10 41:17 114:21 115:11 109:10,14,14 Murphy 7:13,16 6:7 74:25 57:10 79:22 neighbors' 112:9 117:12 7:18,20,24 8:1 NAPA 70:1 NAPA 70:1 140:19 neither 145:8 118:11 119:3 13:13,17 143:3 Nate 76:20 need 3:10 26:13 nephew 68:4 110:25 111:4 118:4 143:19 56:22 59:4,7 nest 115:19,20 monitoring 34:6 N-a-t-e 111:4 nation 46:11 59:22 62:8 neutral 74:9 month 50:4 N-e-w-l-a-n-d 89:19 16:8 88:14 90:24 91:12,13 54:13 69:14 136:12 name 3:12 5:14 91:18 136:20 98:14 104:8 82:9 84:2 months 23:25 native 19:20 107:16 110:6 99:14,22	70:4,9,18	MTTP 36:22	123:24 124:15	nearly 82:20	96:11
98:20 99:6 Multi 81:2 129:19 133:5 8:19 25:3,5 32:21 53:5 100:4 103:22 multiple 53:21 name's 22:9 83:9 75:5 82:16 104:16,18 multispecies 105:5 name's 22:9 83:9 75:5 82:16 109:10,14,14 Murphy 7:13,16 6:7 74:25 57:10 79:22 neighbors' 117:13,14,21 8:1,6,6 13:11 NAPA 70:1 90:16 93:11 10:15 118:11 119:3 13:13,17 143:3 Nate 76:20 need 3:10 26:13 nephew 68:4 139:5 Nate 76:20 118:4 143:19 56:22 59:4,7 nest 115:19,20 monitoring 34:6 N-a-t-e 111:4 nation 46:11 59:22 62:8 neutral 74:9 month 50:4 N-e-w-l-a-n-d 89:19 16:8 88:14 90:24 91:12,13 54:13 69:14 136:12 name 3:12 5:14 91:18 136:20 98:14 104:8 82:9 84:2 months 23:25 name 3:12 5:14 native 19:20 107:16 110:6 99:14,22	79:19 94:17	38:8,23 39:25	126:21 127:8	125:9 132:13	neighbors 2:15
100:4 103:22 multiple 53:21 name's 22:9 83:9 75:5 82:16 104:16,18 105:11 107:8 85:2 name's 22:9 105:5 necessity 1:13 114:21 115:11 109:10,14,14 Murphy 7:13,16 6:7 74:25 57:10 79:22 neighbors' 112:9 117:12 7:18,20,24 8:1 101:20 116:14 90:16 93:11 10:15 118:11 119:3 13:13,17 143:3 NAPA 70:1 140:19 neither 145:8 139:5 144:3 Nate 76:20 need 3:10 26:13 nephew 68:4 118:4 143:19 118:4 143:19 56:22 59:4,7 nest 115:19,20 nonitoring 34:6 N-a-t-e 111:4 national 12:8 87:15 88:19 never 37:14 82:25 N-a-t-e 111:4 national 12:8 87:15 88:19 38:13 40:25 16:8 88:14 90:24 91:12,13 54:13 69:14 136:12 name 3:12 5:14 91:18 136:20 98:14 104:8 82:9 84:2 nonths 23:25 name 3:12 5:14 107:16 110:6 99:14,22	95:1,3 96:22		127:10 128:6,7	_	4:9 8:9 27:11
104:16,18 multispecies 105:5 necessity 1:13 114:21 115:11 105:11 107:8 85:2 names 5:13 6:4 40:10 41:17 117:25 120:2 109:10,14,14 Murphy 7:13,16 6:7 74:25 57:10 79:22 neighbors' 112:9 117:12 7:18,20,24 8:1 101:20 116:14 90:16 93:11 10:15 118:11 119:3 13:13,17 143:3 NAPA 70:1 140:19 neither 145:8 139:5 144:3 110:25 111:4 38:9 42:11 nephew 68:4 moneys 38:20 N 118:4 143:19 56:22 59:4,7 nest 115:19,20 monitoring 34:6 N-a-t-e 111:4 nation 46:11 59:22 62:8 neutral 74:9 82:25 N-a-t-e 111:4 N-e-w-l-a-n-d 89:19 90:24 91:12,13 54:13 69:14 136:12 name 3:12 5:14 91:18 136:20 98:14 104:8 82:9 84:2 months 23:25 name 3:12 5:14 native 19:20 107:16 110:6 99:14,22				, and the second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second	
105:11 107:8 85:2 names 5:13 6:4 40:10 41:17 117:25 120:2 109:10,14,14 Murphy 7:13,16 57:10 79:22 neighbors' 112:9 117:12 7:18,20,24 8:1 101:20 116:14 90:16 93:11 10:15 117:13,14,21 8:1,6,6 13:11 NAPA 70:1 140:19 neither 145:8 118:11 119:3 13:13,17 143:3 Nate 76:20 need 3:10 26:13 nephew 68:4 139:5 144:3 110:25 111:4 38:9 42:11 nephew's 67:19 moneys 38:20 Nate 76:20 nation 46:11 59:22 62:8 neutral 74:9 month 50:4 N-a-t-e 111:4 national 12:8 87:15 88:19 38:13 40:25 month 50:4 Ne-w-l-a-n-d 91:18 136:20 98:14 104:8 82:9 84:2 months 23:25 name 3:12 5:14 native 19:20 107:16 110:6 99:14,22	100:4 103:22	_	name's 22:9		75:5 82:16
109:10,14,14 Murphy 7:13,16 57:10 79:22 neighbors' 112:9 117:12 117:13,14,21 8:1,6,6 13:11 90:16 93:11 10:15 118:11 119:3 13:13,17 143:3 NAPA 70:1 140:19 neither 145:8 139:5 Nate 76:20 need 3:10 26:13 nephew 68:4 118:4 14:3 110:25 111:4 38:9 42:11 nephew's 67:19 118:4 143:19 56:22 59:4,7 nest 115:19,20 nonth 50:4 N-a-t-e 111:4 nation 46:11 59:22 62:8 never 37:14 136:12 N-e-w-l-a-n-d 89:19 90:24 91:12,13 38:13 40:25 16:8 88:14 90:24 91:12,13 54:13 69:14 91:18 136:20 98:14 104:8 82:9 84:2 107:16 110:6 99:14,22	, and the second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second	multispecies	105:5	_	
112:9 117:12 7:18,20,24 8:1 101:20 116:14 90:16 93:11 10:15 117:13,14,21 8:1,6,6 13:11 NAPA 70:1 140:19 neither 145:8 139:5 144:3 Nate 76:20 need 3:10 26:13 nephew 68:4 110:25 111:4 38:9 42:11 nephew's 67:19 118:4 143:19 56:22 59:4,7 nest 115:19,20 nation 46:11 59:22 62:8 neutral 74:9 nation's 88:20 64:8 72:22 never 37:14 136:12 N-e-w-l-a-n-d 89:19 90:24 91:12,13 38:13 40:25 16:8 88:14 90:24 91:12,13 54:13 69:14 99:14,22 99:14,22					
117:13,14,21 8:1,6,6 13:11 NAPA 70:1 140:19 neither 145:8 139:5 144:3 110:25 111:4 38:9 42:11 nephew 68:4 moneys 38:20 144:3 110:25 111:4 56:22 59:4,7 nest 115:19,20 monopoles N 2:1 3:1 143:1 nation 46:11 59:22 62:8 neutral 74:9 N-a-t-e 111:4 N-e-w-l-a-n-d 89:19 national 12:8 87:15 88:19 38:13 40:25 136:12 89:19 16:8 88:14 90:24 91:12,13 54:13 69:14 90:18 136:20 98:14 104:8 82:9 84:2 native 19:20 107:16 110:6 99:14,22					C
118:11 119:3 13:13,17 143:3 Nate 76:20 need 3:10 26:13 nephew 68:4 moneys 38:20 Nate 76:20 38:9 42:11 nephew 68:4 monitoring 34:6 N 2:1 3:1 143:1 18:4 143:19 56:22 59:4,7 nest 115:19,20 month 50:4 N-a-t-e 111:4 nation 46:11 87:15 88:19 never 37:14 136:12 N-e-w-l-a-n-d 89:19 90:24 91:12,13 54:13 69:14 months 23:25 name 3:12 5:14 91:18 136:20 98:14 104:8 82:9 84:2 native 19:20 native 19:20 107:16 110:6 99:14,22		, ,			
139:5 144:3 110:25 111:4 38:9 42:11 nephew's 67:19 moneys 38:20 N 118:4 143:19 56:22 59:4,7 nest 115:19,20 monopoles N 2:1 3:1 143:1 nation 46:11 59:22 62:8 neutral 74:9 N-a-t-e 111:4 N-e-w-l-a-n-d 89:19 87:15 88:19 38:13 40:25 136:12 90:24 91:12,13 54:13 69:14 90:18 136:20 98:14 104:8 82:9 84:2 name 3:12 5:14 native 19:20 107:16 110:6 99:14,22					
moneys 38:20 monitoring 34:6 monopoles N 2:1 3:1 143:1 N-a-t-e 111:4 N-e-w-l-a-n-d 136:12 months 23:25 118:4 143:19 nation 46:11 nation's 88:20 nation all 12:8 national 12:8 name 3:12 5:14 nation all 2:8 name 3:12 5:14 nation all 2:0 nation all 2:0 national 12:0 nati		,			_
monitoring 34:6 monopoles N 2:1 3:1 143:1 N-a-t-e 111:4 N-e-w-l-a-n-d 136:12 months 23:25 nation 46:11 nation 46:11 nation 46:11 nation's 88:20 national 12:8 national 12:8 16:8 88:14 90:24 91:12,13 54:13 69:14 91:18 136:20 native 19:20 59:22 62:8 neutral 74:9 never 37:14 38:13 40:25 never 37:14 38:13 40:25 national 12:8 16:8 88:14 90:24 91:12,13 54:13 69:14 91:18 136:20 native 19:20		144:3			_
monopoles N 2:1 3:1 143:1 nation's 88:20 64:8 72:22 never 37:14 82:25 N-a-t-e 111:4 national 12:8 87:15 88:19 38:13 40:25 month 50:4 N-e-w-l-a-n-d 90:24 91:12,13 54:13 69:14 89:19 91:18 136:20 98:14 104:8 82:9 84:2 months 23:25 name 3:12 5:14 native 19:20 107:16 110:6 99:14,22	•				,
N-a-t-e 11:4 national 12:8 87:15 88:19 38:13 40:25 month 50:4 N-e-w-l-a-n-d 16:8 88:14 90:24 91:12,13 54:13 69:14 months 23:25 name 3:12 5:14 91:18 136:20 98:14 104:8 82:9 84:2 months 23:25 name 3:12 5:14 91:18 136:20 107:16 110:6 99:14,22	$igcup_{i}$				
month 50:4 N-e-w-l-a-n-d 16:8 88:14 90:24 91:12,13 54:13 69:14 136:12 89:19 91:18 136:20 98:14 104:8 82:9 84:2 months 23:25 name 3:12 5:14 native 19:20 107:16 110:6 99:14,22	-				
136:12 89:19 91:18 136:20 98:14 104:8 82:9 84:2 native 19:20 107:16 110:6 99:14,22					
months 23:25 name 3:12 5:14 native 19:20 107:16 110:6 99:14,22				· ·	
10/10/10/10/10/10/10/10/10/10/10/10/10/1					
$1 + 65 \cdot 1 \cdot 12 = 1 + 0 \cdot 0 \cdot 1 \cdot 1 \cdot 1 \cdot 1 \cdot 1 \cdot 12 \cdot 12 \cdot 1$					· ·
12.11.21.12.2,1	65:1,13		natural 50:2	112:16,20,22	121:24 122:2,4
morning 57:19 13:24 14:1 61:25 62:1 114:17,20 122:9,12	_			,	· · · · · · · · · · · · · · · · · · ·
motels 119:2					
121:17				, and the second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second	
mother 3:6 18:14 19:11 naturally 66:19 133:19 137:5 43:5 48:13			•		
77:17,17 22:7 26:2 nature 66:19,20 140:15,21 67:3 103:1	77:17,17	22.1 20:2	nature 66:19,20	140:15,21	67:3 103:1
				<u> </u>	

			-	-
105:24 117:24	111:20 112:7	45:10 98:11	38:12,23 42:17	oppose 26:8
120:3,23 122:7	114:17 130:4	119:17 122:2	68:21 121:19	32:22 87:8
122:9	133:23 134:17	observe 135:11	121:21	109:6 110:22
Newark 64:17	135:5 141:2	observed 24:23	one-on-one 80:6	114:1,18,21
Newland 89:11	northern 102:15	95:10	one-quarter	116:4 124:4
89:12,18,18	not-guaranteed	observer 94:25	61:6	126:23 132:25
91:21 92:16	92:13	obtain 104:18	one-third 19:20	141:15
93:13 143:16	note 13:14 43:7	obtaining 87:4	19:20,24	opposed 36:22
newly 9:4	noteworthy	obvious 100:1	ones 43:12 53:13	39:24 44:13
news 56:4 91:19	53:18	obviously 72:23	98:14 131:11	47:3 75:3
night 5:11 21:13	notice 7:14	77:23 102:5	ongoing 31:4	76:22 87:11
42:9,21 54:9,9	107:1,2	occasion 10:24	online 53:9	111:9 113:23
60:13 77:21	noxious 9:22	occasionally	91:15 99:17	114:4 119:7
111:12,18	nuclear 71:7	34:8	onset 85:4	128:17 141:7
113:6,17	number 21:15	occupation 66:5	open 53:1 55:18	opposing 16:16
132:16 133:15	36:23 56:17	occupied 88:5	75:8 96:3,8,19	25:12
nights 54:19	69:18 72:23	occupy 87:6	125:7 130:9,9	opposition 27:12
121:17	81:2 123:16	occur 60:11	130:18	42:1 87:14
nine 51:5 54:16	136:6 140:3,9	66:19 75:17	opened 98:5	111:14,16,17
86:13	numbers 75:23	92:18	opening 3:15	111:21 113:5
nineties 22:16	76:5	October 1:7	Operate 1:13	option 125:6
Ninth 2:7	numerous 70:9	125:8	operated 134:4	139:2
nitrogen 60:17	71:19	off-the-grid 51:8	operating 134:6	options 91:14,18
60:20	nursing 22:16	offer 37:2 40:20	operation 8:17	125:1
noise 16:3	24:5 35:17	offered 42:19	20:11 48:2	orchard 51:16
nonperforma	nut 51:17	office 2:11 3:24	62:9 67:5	51:20
78:23	nuts 68:5	4:1 17:11	78:12 120:9,9	orchards 55:23
nonunion	0	officials 25:10	120:11 130:7	order 24:25
109:12		25:16 73:16	130:15,25	38:20 107:21
normally 17:14	O 3:1	112:11	131:2	organization
north 51:23 52:9	O'Brien 117:7	oftentimes 14:12	operations	44:11 53:20
69:13 71:17	o'clock 3:4,9 6:9	oh 95:3 100:13	23:15,18 68:2	oriented 102:20
81:16 84:12	O'Gill 117:6	118:19	130:11 132:12	originally 33:23
112:21 118:14	O-rings 10:2	okay 6:17 7:19	opinionated	Orlando 96:3
118:21,22	oak 128:24	19:16 20:14,25	112:15	others' 90:22
127:5	oath 5:16 30:20	21:15 61:21	opinions 114:18	Ottumwa 81:6
northeast 8:10	oats 33:22	72:15 74:25	Opitz 2:9 3:25	ought 132:11
13:8 19:17	object 100:9	75:6,7 80:1,16	4:1,3	out-of-pocket
31:24 35:21	141:4	80:25 93:21,25	opportunities	137:17
36:1 47:21	objections 90:21	94:6 116:12,25	91:7	out-of-state
49:2 56:15	obliterate 139:6	117:2 118:3	opportunity 7:7	35:23 93:6
66:6 73:8,9	obliterated	old 9:13 52:18	22:11 46:1	outcome 145:13
82:15 88:2	141:5	100:25 128:25	91:11 95:24	outdoor 61:25
105:20 109:18	observation	once 28:24 29:1	96:18	61:25 62:15
	<u> </u>	<u> </u>	<u> </u>	<u> </u>

	<u> </u>	<u> </u>	<u> </u>	ı
outright 37:23	Palmyra 1:15	passion 105:16	6:9 12:1 14:13	126:1 133:20
outside 102:24	10:18 80:11,14	106:5	14:13,20,20	133:25 134:1,2
outwards	121:15 123:14	passive 100:9	20:19 27:11	135:18 136:10
109:15	panels 50:23	pasture 8:15,24	34:18 35:22	percolation
outweighs	parallel 80:8	55:23 78:13,15	38:5 39:16	50:20
136:17	85:22 86:15	83:4 85:3,5,8	51:12 60:5	perform 17:5
overhead 37:4	parallels 58:7	85:16,17 90:5	64:13 70:3	period 9:11
40:23	parents 22:15,23	92:7,9	71:22 72:2,21	56:21 60:1
overlooked 4:19	23:4,7,8 24:4,8	pastureland	73:5 74:6,8	periods 92:1
overly 111:14	24:12 25:1	23:12	82:17 89:12	permission 5:2
overspray 84:24	31:17 33:17	pastures 8:18	94:22 95:1,9	12:4 24:16
overwhelmingly	46:9,17 54:19	9:3 37:6,7 76:7	95:19,22 96:10	25:13
39:24	75:4	83:16 84:6	96:15 97:21	perpendicularly
owe 52:13	parents' 23:12	pasturing 86:12	98:13,24 99:4	61:9
owls 42:20	23:17 75:23	path 31:3 88:11	100:6,18,20	perpetually
owned 33:19	part 6:22 8:24	93:7 99:22	101:1,5,19	84:15
39:20 59:20	12:6 14:9,10	paths 132:9	102:9,17,20,22	perpetuates
68:25 80:17	51:4 61:23	patio 50:13,15	103:13,14,15	138:19
106:2 128:15	62:24,25 74:12	pattern 53:18	103:23 104:8	persecuted
owner 23:5	78:15 89:23	64:22	105:12 106:12	95:13
72:16	91:12 109:13	Paul 93:19	107:3 109:5,9	person 94:13
owners 16:7	126:22 133:21	101:16 118:3	109:12,15,17	99:23 101:11
39:16 42:13	138:20,23	118:13	109:19,20	personal 18:25
122:3	particular 36:25	pay 13:7 20:11	111:9,14,20,23	19:5 44:18
owns 52:9 79:25	60:11	24:8 38:16,24	112:17 114:19	65:12 68:23
	particularly	71:12 118:3,10	115:11 116:5	72:17 97:20
<u>P</u>	87:25 125:7	118:13 119:4	117:13,19,22	personally 63:10
P 2:1,1 3:1	parties 145:9,11	126:1,3	119:2,4,6	65:12 88:16
P-e-i-t-z-m-a-n	partnership	payers 38:20	121:15,17	personnel
14:2	38:19	136:11 139:15	124:6 129:15	125:15
P-l-o-c-h-e-r	parts 70:1,2	paying 35:16	131:7,17	perspective
18:15	107:12 111:6	70:13,23	132:10 139:25	99:15
p.m 142:20	party 90:20	payments 23:9	140:4	pesticides 37:18
pacemaker	Paso 102:4	pays 39:1	people's 104:5	41:4
63:14 85:25	pass 19:19 36:7	peace 42:12,18	104:11 109:14	Peter 118:3,13
Pacific 22:18	77:18 115:18	PED 130:10	110:20 114:17	petition 90:20
paddocks	passed 25:11	peers 48:10	116:2 124:8	98:13
120:13,14,17	29:23 33:18	Peggy 80:6	perceived 97:23	pets 92:8
page 53:21	35:6 72:2	125:5	percent 13:1	Ph.D 134:19
143:2 144:2,10	136:3	Peitzman 13:21	21:19 30:1	pheasants 11:11
pages 144:3,4,6	passes 21:25	14:1,1 15:7	47:1 48:13	75:22
144:9,13	88:6	18:16 143:4	53:19 80:22	phone 5:20
paid 70:19	passing 77:24	penny 52:3	82:18,19,21	99:18
painful 73:2	137:23	people 5:12,18	95:5 110:8	phones 99:18
	<u> </u>	<u> </u>	<u> </u>	
		`	`	

	l	l	i	i
phonetic 18:8	planted 51:15	Plocher 18:14	82:21 88:12	41:12,14,15
photo 144:10	51:16,18 54:12	18:14 143:5	pork 61:25 62:1	42:3 43:13
photograph	84:6 108:11	Plocker 18:8	portable 137:2	46:11,15,21
86:24	planter 34:7	plots 35:1	portfolio 71:5,11	47:6,8,24 48:2
photos 144:3,4	plants 11:20	108:10	portion 11:23	48:7,14,15,22
physically	115:13 132:1	Plucker 18:8	pose 76:13 137:7	49:1 51:12
100:22	Plata 115:9	plus 107:4 112:1	poses 75:4	59:17,20 63:22
physician 95:18	play 15:19 110:6	PO 2:3,7,10 3:20	position 54:22	64:12 67:23
physicians' 95:4	110:7,13	4:1,6	positive 95:10	68:7,11 69:10
pick 131:2	playing 31:14	podium 5:15	possibilities	70:14 71:22
picked 58:3	79:13 110:9	point 73:7 79:22	59:17	72:24 73:8
64:20	plead 32:22	92:12 109:11	possibility 29:14	74:2 81:7 86:5
picking 97:12	please 3:18,24	115:16 122:6	32:15 37:3	87:15 88:18,20
picture 8:14	4:4,9,14 5:15	pointed 53:13	40:22 59:24	88:23 90:2
pictures 11:22	5:16,22 6:1,15	119:24	possible 26:12	91:1,7,10
13:9	7:17 8:3,7,8	points 53:23	29:12,13 32:9	102:5 105:14
piece 42:4 52:10	12:3 13:19,24	55:15 58:4,5	37:11 54:2,4	105:15 106:7,7
piers 17:7	15:12 16:24	74:14 119:17	73:6 125:24	106:20 107:13
pig 96:9,11	18:12 19:10	138:3	possibly 31:24	107:16 108:5
place 9:1 24:12	22:7 25:18	poisoned 95:2	37:16 86:10	108:15 110:17
25:8 31:19	26:2 27:18	poisoning 37:23	88:8	110:18,18,19
67:4 90:3	29:20 30:11,12	poles 10:13	pot 117:5,6	110:20 117:8
113:8,25 123:1	33:2,10 35:25	34:11 35:19	potential 55:25	118:11,12,25
placed 135:16	36:11 40:9,16	114:4	61:24 62:15,21	119:7 124:7,9
places 10:7 67:6	41:15,22 44:3	police 18:24	75:4 92:24	124:24 131:19
97:18 131:20	45:4,20 47:7	polite 6:1	110:21	131:20 132:6
plan 6:9 8:25	47:16 49:7,16	pollinate 51:20	pouring 117:12	134:23
10:15 112:24	57:9,15 58:22	66:16,22	poverty 82:21	Powerline 2:15
133:20 134:9	65:9,16,21,24	pollinating 76:3	140:1	PR 56:12
134:22	69:7 72:11	pollination	power 6:25 7:9	practical 111:15
plane 96:5	74:19 78:2	66:16 67:9	21:23 22:22,23	practices 34:4
planned 62:7,17	81:22 82:5	polluted 37:21	23:25 24:3,11	34:15,20,23
77:16 140:25	89:3,15 90:15	pond 10:20,22	24:15,22 25:2	Prairie 33:20
planning 60:3	93:10,23	11:2 28:21	25:4,12 26:8	pray 100:21
62:13 133:24	101:24 103:5	34:16 51:16	26:11,20,21	131:18
134:7,8	105:1 108:25	90:8	27:1,5,24 28:8	prayers 100:8
plans 4:23 27:3	111:3 113:13	ponds 11:6	28:15 29:21	praying 64:11
31:23 39:1	114:6,13 115:4	84:17	30:5,25 32:3	preached 116:21
51:18 52:7,25	116:15 119:11	pooled 96:21	32:16,18,23	preacher 95:18
62:8 80:20	122:16 123:23	poor 78:21	36:18 37:1,6	preacher's
84:13 139:13	124:14 127:7,9	100:3 119:4,6	37:11,19,25	116:22
140:24	127:14 128:5	poorest 138:16	38:2,10,10,13	precedence
plant 35:1,2	129:20 133:6	139:24,25	39:21,22 40:3	39:14
81:7	141:14,19	population	40:20 41:5,7	precedent 39:8
	l	l	l	l

	1	ı	1	1
precious 49:23	45:1,4,17,20	111:24 113:4	60:25 61:1,23	projecting 13:2
52:21	47:11,14,16	121:11 132:23	62:5,14,21,23	projects 7:2
precision 19:21	49:4,7,13,16	problem 58:14	63:1 87:17	18:21 39:5
predominantly	57:12,15 58:18	71:7,8,9	126:15 136:8	45:9 71:17
84:6	58:22 65:8,14	problematic	141:22	73:13,15,19,24
preplanning	65:19,22,24	38:17	profits 116:5	134:23 140:23
15:3	69:3,6 72:8,11	problems 12:2	135:17 137:23	141:2
present 87:7	74:16,19 76:25	19:2 35:18	Program 23:3	promised 139:4
141:11	77:3,8,11 78:2	48:9 64:7	35:4 52:13	promising 13:7
presentation	81:25 82:4	132:4	prohibit 8:21	56:12
25:7	87:1 89:6,10	procedures 25:6	prohibitive	pronouncing
president 17:4	89:15 93:13,21	proceedings 1:4	135:1 136:22	82:1
21:3,6 44:9	93:25 94:5	90:25 145:6	project 5:12	propaganda
56:20 141:25	101:15,18,23	proceeds 24:9	8:10 14:17	55:19
presiding 1:19	103:3,5 104:23	process 50:6	16:17,19 17:13	properly 137:4
3:13	105:1 108:20	57:3 75:9	17:19 18:16	properties 35:25
pretty 94:25	108:25 110:24	111:22 113:8	22:13 23:25	97:4 144:7
112:14,15	111:2 113:10	produce 66:22	24:2,11 25:19	property 10:8
120:16 130:11	113:13 114:9	79:10 81:12	25:20 27:12	10:12,17 11:3
131:9	114:12,22	135:8	30:24 32:1	11:8,15 12:25
prevalent	115:3 116:7,12	produced 69:20	33:3 38:16,17	13:3,8 15:24
130:11	116:15,19	79:8 80:24	40:3 44:13,16	16:7,13,18
prevent 25:19	119:10,14	85:4	45:9 46:2,23	19:2 22:24
prevention 15:5	122:15,20	produces 23:20	47:4 69:17,25	23:6,20 27:1
prevents 50:19	123:21 124:2	24:6	70:16 72:7,16	29:25 34:13
Prewitt 1:24	124:14,19	producing 66:7	74:9,9 75:3,11	36:17,21 38:1
145:3,16	127:1,6,13	66:8 81:8	76:16,23 81:2	38:3,3,4 39:11
price 74:2 137:9	128:3,10	product 35:23	81:3 82:11,22	39:13,23 41:8
Pridgin 1:19 3:3	129:17,24	production	87:3,8,11	41:13 42:4
3:12,23 4:3,8	133:4,10 142:6	29:25 62:1,5	88:24 89:1,4	46:9,15 47:1
4:13,18,20	prime 26:24	79:7 120:22	90:13 91:6	51:24 55:20
6:14 7:12,19	print 56:14	124:25 135:24	92:11 93:3	57:24 69:15
7:22,25 8:3	private 16:18	136:14,16	111:17 112:10	70:17 72:16
13:11,15,18,21	38:19 39:10,13	142:2	112:12,20	73:3,19,21
13:23 15:7,11	43:2 84:20	productive	114:7 116:4	78:21 85:13
16:20,23 18:7	87:7,16 90:22	136:5 138:9,22	124:22 125:4	86:9,23 87:7
18:11 19:7,10	privately 54:25	productivity	125:23 126:2,3	87:10 89:2
22:3,6 25:23	56:6	8:17 76:15	126:5,8,23	92:19 105:17
26:1 27:14,17	pro 59:10	products 7:1,2	133:17 136:9	107:4 108:16
30:15,19 33:5	probably 6:8	7:10	136:10 137:20	112:23 113:22
33:8,10 36:4,8	9:19 20:2	professional	140:20 141:12	120:2,6,15,16
36:11,15 40:13	56:16 63:5	48:3 145:3	141:15,20	122:3,3,12
40:16 41:19,22	83:25 96:5	profit 38:21	projected 32:2	135:11 138:8
43:25 44:3	102:7 105:10	39:18 57:1	91:1	139:7 141:17
	<u> </u>	<u> </u>	<u> </u>	<u> </u>

141:21	69:18 71:1	pull 53:10	Queen 1:8 27:21	103:23
proposal 28:19	133:17 139:14	pumped 131:1	33:21 42:6	rate 38:20 53:19
87:14	141:9	puncture 12:1	123:3	57:1 95:5
proposed 5:12	provided 29:3	punctured 85:19	question 7:18	135:20 136:11
8:9 12:19	46:16 126:4	punish 109:21	54:9 56:21	139:15
15:20,23 22:12	provider 108:2	purchase 9:11	80:4,10 97:13	rates 53:14
22:21 23:17	126:12	12:15 86:23	131:22	118:10 119:6
25:18 27:23,25	provides 23:13	139:13	questions 5:4,5	126:2,3
28:8,8,25 29:8	94:10	purchased 15:17	5:23 75:8	ratings 126:17
30:5 35:24	proximity 16:5	18:2 27:22	quiet 42:12,18	126:19
42:2,3 46:1,12	54:10 67:7	62:11	quit 123:7,12	re-route 55:5
46:14 47:24	116:1	Purchasing 9:12	quite 5:18 88:8	reach 137:15
48:7 52:17,22	PRRS 130:10,12	pure 57:2	122:12	read 6:4 7:15
54:18,20 60:15	PSC 12:12 16:17	purpose 5:11	quote 43:17	20:16 21:10
78:12 82:11,24	76:18 88:25	93:1 111:22	125:5,22 126:6	53:9,13,22
84:11 85:21	125:21 140:18	purposes 29:4	126:11	56:13 60:11
88:4,8,14	public 1:2,6,12	pursuit 43:21		64:22
91:22 93:5	2:5,11 3:13,24	push 109:20	R	readiness 14:25
108:15 114:5	4:1 5:3,9 8:7	pushed 29:11	R 2:1 3:1	reading 34:2
115:8 120:4	22:11 24:17	put 37:7 51:12	R-a-n-d-y 33:14	53:12 58:20
130:21 134:7	25:7 26:10	51:17 54:21	rabbits 11:11	reads 28:23
135:15 141:2,5	27:7 30:8	61:14,16 62:17	races 42:10	ready 30:19 94:5
proposing 52:11	31:25 38:8,9	66:12 67:6	radical 51:4	119:14 122:20
propositioned	38:15,22 39:6	68:6 71:6 73:1	rain 50:24 60:17	124:3,20
129:10	40:5,6,7 41:15	74:2 80:4	139:18	128:10 129:25
prospers 126:17	45:25 48:3,13	92:13 116:5	rainbow 117:6	133:11
protect 16:18	56:21 57:4	119:22 120:23	raise 8:25 32:10	real 117:9
47:7 48:25	70:14 75:2	122:7 132:25	32:13 54:10	136:12,17
127:25 132:17	76:21 80:3	142:2,13	60:14 118:10	142:4
136:6	87:11,16 90:11	Putnam 73:14	119:6	reality 55:21
protected	90:14 93:1,9	111:7	raised 12:17	56:2
138:22	102:13,13,23	putting 10:13	14:5 19:18	realize 62:2
protection 15:5	103:19 104:21	34:10 53:2	31:13 33:22	118:3 129:8
18:24	116:3 126:12	128:22	62:22 69:12	realizing 31:10
protects 136:7	140:15 141:9		76:11 90:21	really 97:24
protocol 113:25	142:18	Q	raising 31:20	101:13 102:8
protruding	public's 71:17	quail 75:22	ran 106:22	102:12 103:14
85:18	76:16,22	qualify 119:16	107:1	104:10 119:15
proud 106:9	public-private	quality 9:12	Randy 30:15	120:7 121:8
prove 64:22	38:19	92:14 96:23	33:8,13 143:8	reason 21:11
proven 43:10	publication	quantify 119:21	range 17:25 92:3	77:18 96:4
53:3 75:11	53:21 79:8	121:8	ranges 88:7	111:15 117:9
provide 13:10	publicly 42:24	quarter 61:7,7	rare 84:22	124:10 139:6
21:23,24 46:10	112:13 126:1	83:2	rarely 55:12	142:17
			_	
L	•	•	•	•

	1	ī	1	1
reasons 34:2	regarding 5:12	37:16	119:11 122:17	35:4
36:23 44:14,15	register 125:11	renal 86:1	123:23 124:15	reserved 39:4
44:16 69:18	registered	renewable 71:1	127:9 128:6	reside 6:18 78:6
73:25,25 95:24	126:23 145:3	71:2 91:17	129:20 133:6	residence 8:11
98:3 141:8	regrets 77:19	107:24	145:1,4,4	resident 14:4
rebuild 81:15	regretting 54:14	renewables 71:9	reporting 1:25	109:4
rebuilding 81:4	regular 17:12	rent 137:11	56:4	residents 84:19
receive 38:21	69:21	rental 23:13,18	represent 29:6	residing 82:18
56:5	regulatory 1:20	90:1	102:14 111:6	resolutions
received 28:23	140:16	rented 15:25	representations	16:16 25:11
51:22 99:16	reinforce 121:10	35:8 106:22	29:5	47:3,5 87:13
receiving 80:21	reiterate 77:15	renter 90:4	representative	resources 14:25
recess 77:9,10	related 29:12	137:11	23:14 46:18,18	respect 25:5,15
recognizes 71:5	145:8	rents 35:14	53:1 54:7	26:15
recommended	relations 97:7	repairs 37:10	110:25 111:5	respectfully
140:8	99:10,17,24	repay 23:8	113:10 143:19	141:4
record 65:25	relative 145:10	repeatedly 47:5	representatives	respecting 25:17
101:24 103:6	relatively 58:13	replace 16:8,9	76:20 125:13	responded
111:17 113:5	relatives 103:10	68:19,20,21	125:14	140:21
142:19 145:6	121:25	79:20 120:19	representing	responsibilities
recovering	released 53:20	129:1	33:14 105:10	45:11
100:24	reliability 21:16	replaced 137:6	reps 55:4 125:18	responsibility
recreation 34:17	56:13,20 80:9	replacement	request 6:1	38:25
recreational	134:16,17	63:5 137:3	47:13 49:1	responsible
10:23	reliable 21:23	replacing 11:19	90:25 91:9	48:16 126:16
RECs 133:25	62:3 107:21	REPORTED	141:8	rest 19:15 40:4
red 112:6	Relief 1:12	1:24	require 141:9	93:8 133:1
red-tailed 11:14	reluctant 24:1	reporter 6:15	required 6:23	restaurants 18:5
redesigning	rely 71:6,8 84:19	7:14 8:4 13:12	34:25 68:2	18:22 109:11
100:3	remain 107:14	13:14,25 15:13	125:14 137:21	restore 84:1
Redmon 76:21	remains 48:21	16:25 19:11	141:11	restrict 8:20
reduce 8:17 11:9	87:19	22:7 26:2	requirement	restricted 29:7
23:1 37:24	remarks 3:15	33:11 41:23	6:21 90:24	result 23:17,22
67:6 76:4	7:15 13:16	44:4 45:5,21	requires 136:19	24:9,11,16
124:25 139:12	142:12	47:17 49:8,17	137:1	37:22 47:8
reduced 24:7,10	remember 10:1	57:16 58:23	research 28:9	58:9 79:7
133:20 136:13	128:13	65:9 69:8	48:11,19 53:6	91:16 107:24
145:7	remind 63:17	72:12 74:20	53:17,21,25	resulting 90:7
reduction 46:25	102:23	77:5 78:3 89:7	85:1 91:6	91:6 92:6
79:7	reminding 64:4	89:8,16 93:22	100:3 142:12	results 38:19
reflected 29:5	remove 11:12	105:2 109:1	researched	83:18
refuse 26:17	50:10 83:24	111:3 113:14	67:12,13	resume 77:11
refused 25:13	85:14,16	114:13,25	reseeded 9:3	retire 13:3
refuted 71:19	remuneration	115:5 116:16	Reserve 23:3	retired 72:2

			I	I
retirement	123:21 127:1	Ron 3:12	51:23 66:12	safe 55:6
92:22	127:13 128:5	RONALD 1:19	74:10 75:6,7	safety 44:23
retracted 56:23	129:24 131:21	roof 110:18	78:11 113:20	137:7
return 135:18	136:3,7 138:21	rooftop 139:12	running 27:5	sake 94:20
135:19 140:6	139:7 141:15	room 28:16	28:16 32:4	salary 17:16
returned 9:4	142:7,9	50:15 71:4	51:6 55:11	Salassa 74:24
22:18	rightfully	110:4,4 117:22	86:15	75:1
revenue 18:23	138:25	117:23 121:3	runoff 84:16	sale 9:20 24:10
23:13,19,21	rights 16:18	root 9:5	runs 52:17 57:25	sales 91:7,11
24:7 45:15	25:5,15,17	roots 102:18	58:1,13 78:12	sandwiched
56:3,5,7 70:12	39:11,13,14,19	rot 63:24	78:14 79:23	8:11
70:23 72:25	43:1,20 87:5	rotate 8:20	80:2,7,8,22	Santa 117:2
139:4	89:2,2 139:8	rotational 62:1	127:5	SARE 85:1
revenues 24:6	141:17,18,21	85:2	rural 42:2 84:19	satisfies 23:6
review 25:18	141:21	rotationally	92:23 109:19	satisfy 23:10
reviewing 91:8	rising 68:15	120:13	133:22 142:3	save 8:8 12:9,12
rheumatoid	risk 26:11 43:14	roughly 83:1		137:21 138:3,4
43:8	48:8,24 53:23	round 108:18	S	saved 138:4
ridge 62:19	137:7	route 20:7,9	S 2:1 3:1 144:1	saw 97:13,20
ridiculous 53:3	risk-free 135:19	21:17,25 29:6	S-a-l-a-s-s-a	98:7 103:16
right 3:3,11 4:20	risks 91:23	32:2 47:24	75:1	123:22 129:5
6:11,14 7:24	river 12:11	48:7 52:17	S-c-h-w-e-i-t-z	saying 67:10
13:18 15:11	19:21 68:5,13	55:8 58:3 62:8	69:10	81:18 100:1
18:11 19:7	84:12 140:20	64:20 68:4	S-c-o-t-t 18:15	104:4 108:1
28:7 29:20	road 15:23 42:7	88:6 97:16	49:20	says 30:23 34:12
30:12 32:5	51:5 68:10	100:3,14 115:8	S-h-a-p-i-r-o	63:14 80:1
36:17,23 39:18	82:7 83:8	115:10,22,24	109:4 115:7	113:20
42:22,24 46:24	115:12	126:6 135:15	S-h-a-r-o-n	scale 51:10
50:8 51:25	roads 10:16 11:3	140:8,10	27:20	scales 137:5
52:2 58:18	18:24 39:6,24	routes 29:8,9,9	S-h-e-p-h-e-r-d	scares 82:12
59:19 62:17,18	41:13 60:8	43:5,6 97:11	89:20 90:19	scheduled 5:7
62:18 63:22	83:8,15,15	97:20	S-h-i-v-e-l-y	schedules 6:10
64:18,19 65:14	131:4	row 42:15 60:6,7	128:8	Schiappa 96:4
68:4 69:3	roadway 140:11	66:17 113:20	S-i-d-w-e-l-l	96:10
73:14 77:11	roadways 83:21	RPR 1:24	22:10 45:24	school 12:6 21:2
81:19,21,22	115:23	145:16	S-i-l-v-e-r-m	21:5,12,14
83:1,8,15 84:4	Rob 134:12	RPS 133:22	114:16	48:1,12 70:21
84:13,25 85:10	robbing 118:2	rude 75:9	S-t-e-p-h-e-n	79:13 94:16,16
85:20,23 86:16	118:13	ruin 8:13 11:2	49:10 109:4	94:18,19,24
89:10 95:6	rock 83:21,22,23	124:25	S-w-e-e-t 72:15	98:23 105:18
98:4 101:18	rocket 9:25	run 20:7 27:24	S&P 141:4	schooled 54:17
103:3 105:8	roles 44:8	27:25 29:14	sacrifice 87:16	schools 18:24
108:7,11,20,22	Romaine 2:16	30:5 37:20	sacrifices 96:20	56:10 75:6
112:22 115:3	4:16	41:6 47:6	sad 99:1	94:11,12,15

	<u> </u>		I	I
97:4	seed 19:21	3:13 5:3 8:7	60:21 77:20	significantly
Schuyler 4:25	seeded 9:4	22:11 24:17	118:14 119:23	48:8
28:11 44:12	seeds 51:15	25:8 27:7	Shepherd 89:20	signing 125:13
73:14 82:18	seeing 52:3	45:25 70:14	90:19	signs 52:14
83:11 88:10	108:13	75:2 102:13,13	shirt 112:6	97:17 99:25
90:11 93:2,6	seen 11:14 27:2	102:24 104:21	Shively 128:7,7	signup 5:14 6:5
95:21 103:9	67:15 68:9,10	116:3 126:12	128:11 143:24	108:22
139:23	71:23 75:22	140:15 141:9	shock 86:8,9,19	silent 74:13
Schwartz 93:14	88:23 96:13	services 45:14	short 42:13	silt 84:9
93:15,16,19	98:12,15 129:1	set 12:2 28:25	59:25 114:16	Silver 144:12
Schwartz's	seize 87:9	29:17 113:1	shortest 55:14	Silverman
100:14	selection 29:7	settle 27:4	58:4	114:10,15,15
Schweitzer 69:4	selectively 50:3	settled 12:17	shortly 5:22	114:22 143:20
69:9,9 72:8	self-evident	seven 27:2	shoulder 51:9	simple 56:25
143:14	43:18	seven-year-old	show 3:14 86:24	57:2 101:7
Sciences 94:9	self-important	48:1	100:22 111:21	117:9 123:8
scientists 10:1	125:20	severe 9:6 84:8	116:11 122:9	simply 134:13
Scotland 73:15	self-reliant	86:8	showed 32:3	sincere 100:22
109:5 113:3	88:20	shade 11:12	shown 26:15	sincerely 105:17
Scott 18:7,14	sell 13:2 23:4,4	120:14,15,16	28:19 30:9	single 20:22 21:4
143:5	24:9 27:3 38:4	120:17,18	79:15 93:4	21:24 86:9
scrambles 52:6	55:22 63:11	shagbark 115:21	shows 28:25	sink 126:14
scrapping 100:7	66:25,25 74:2	shake 81:10	38:2 45:10	sir 13:23 19:7
scrub 84:12	103:22 140:17	Shapiro 108:21	shredders 85:15	22:6 26:1
searched 96:22	selling 135:10	109:3,4 110:13	shrewd 80:18	33:10 36:16
season 108:10	send 64:21 67:4	110:24 115:1,6	shuffled 55:18	44:3 45:4 49:7
second 28:19	67:23 102:25	115:6 116:7	Shuteye 134:11	49:13 57:15
52:21 79:22	sends 77:19	143:19,21	shutting 23:17	58:22 77:2,7
96:17 121:18	Senior 1:20	share 65:5,6	sick 54:14	78:2,7 81:12
Section 33:20	93:15	133:16	sickness 59:6	81:22 94:5
sector 142:4	senses 52:6	shareholders	78:24	103:5 105:1
security 125:10	sensitive 115:25	38:21 39:16	side 34:13 57:24	108:25 111:2
125:13,15	121:20	104:16,18	67:8,9 75:14	114:25 116:19
132:18	sensitivity 15:3	140:6	79:14,14	119:8,11,14
see 3:17 6:6 7:9	sent 64:18	shareholders'	117:21,22	122:16,20
8:14 15:22	separate 81:13	57:6	siding 16:9	127:4 128:6,10
17:8,18 18:5	serene 16:2	Sharon 27:14,20	Sidwell 22:4,9,9	129:18,20,25
18:20 56:14	seriously 45:12	143:7	22:15 25:23	sister-in-law
72:2 75:24	serve 83:6	she'll 3:8	45:18,23,24	46:3
76:15 94:25	133:25	shed 16:9	47:11 143:6,11	sit 59:15 99:1
97:16 101:6,19	served 21:3,19	sheet 5:14 6:5	signed 16:16	site 17:5,18 62:7
107:20 111:11	123:2	Shekinah 100:1	87:13 116:8	83:2 140:16
118:25 128:3	serves 134:1,3	Shelby 4:24 5:9	significant	sites 11:2 108:7
142:7	service 1:2 2:5	59:2,6 60:4,16	134:16	sitting 50:12

	<u> </u>			
57:19 121:3	116:13 119:5	14:2 15:16	133:5	17:18
127:17	somebody's	30:17,23 35:11	spelled 22:10	stands 108:6
six 3:4,9 35:17	118:15	48:5 49:22	spend 24:2 70:4	staple 43:3
70:6 97:11	someday 76:14	59:2 72:22	70:8 72:17	stapled 65:12
106:8 120:13	someone's 75:7	74:12 98:12	107:9 112:9	start 29:1 31:22
skating 10:24	someplace 118:8	99:2 100:15,19	117:13,15,15	51:19 52:25
skimming	somewhat 73:21	102:12 121:23	119:2 140:24	107:18
109:13	97:19	133:14	spending 121:17	started 3:8 66:7
slam 113:1	son 28:3 29:11	speaker 49:12	spent 22:19	69:11 71:19
sleep 42:9,9	30:18 60:12	119:23	31:14 64:2	122:25
slide 29:18	62:9 64:25	speaking 6:2	115:15 118:11	starting 58:6
sliver 65:2	78:11 100:18	89:13 125:19	spirit 90:23	134:18
sloppy 37:11	127:17	specialists 85:7	splicing 10:8	starts 57:25 58:1
small 31:9 50:11	song 115:18	species 85:3	split 32:3 81:17	startup 126:13
51:19 52:1	soon 12:5 31:19	87:23,24 88:9	spoil 84:20	state 1:1 6:15
61:12 76:1	31:22	88:12 115:16	spoke 60:5 99:4	8:3 13:24
84:7 92:23	Sorry 116:14	115:18	99:12 101:17	15:12 16:24
104:7 105:9	sort 107:12	specifically	121:10	17:11 18:6,12
109:12,21	soul 95:15,18	44:20 48:22	spoken 101:10	19:11 20:3
110:1,8 120:9	98:23	59:11 91:3	109:9 114:19	22:7 26:2,11
125:2 139:3	souls 94:19,22	speculation	spook 113:24	27:18 33:10
Smith 2:6 3:20	96:14 100:4	21:17	sports 79:13	36:11 39:5
54:23 122:18	soundproof	spell 6:15 8:4	spot 10:9	40:17 41:23
122:18,21	42:12	13:24 15:12	sprayed 137:8	42:25 44:3,12
123:21 127:2	sounds 131:9	16:24 18:12	sprayers 34:7	45:4,21 47:17
143:22	132:10	19:11 22:7	spraying 90:6	49:7,16 56:17
sneak 112:5	source 14:21	26:2 27:18	92:4	57:15 58:22
snowball 133:1	37:21 41:7	33:11 36:11	spread 50:18	59:24 65:24
so-called 37:15	84:18 86:5	40:17 41:23	spreading 9:22	69:7 72:12
41:1	90:7 107:22	44:4 45:5,21	Spring 2:16 4:16	74:20 76:17,20
Society 88:14	sources 14:24	47:17 49:8,17	springtime	78:2 79:2
soil 9:6,7,7,7,24	38:12 72:24	57:16 58:23	57:22	80:19 82:5
83:17,19 84:8	south 2:7 22:18	65:25 69:7	sprouts 120:15	85:6,12 87:15
132:7 137:13	34:21 58:8	72:12 74:20,25	square 110:1	89:15 90:18
soils 44:21	105:19 120:3	78:3 82:5	squirrels 11:11	91:3 93:8,22
solar 50:23	122:12 127:5	89:16 93:22	St 17:5	101:24 102:16
51:10 108:1	128:12	101:24 103:6	stabilize 83:21	103:5 105:1,20
139:12	southeast 58:9	105:2 109:1	staff 2:3,5 4:4,6	106:16 108:2
sold 107:4	southern 18:19	111:3 113:14	stakeholder 97:7	108:25 109:7
sole 84:18	18:25 64:20	114:13 115:4	99:10,17,24	111:3,5 113:13
solid 50:9	soy 33:21	116:16 119:10	stand 17:2 31:3	114:13 115:4
solution 91:20	soybeans 8:21	122:16 123:23	59:9 63:2	116:15 119:10
somebody 67:11	spaced 86:14	124:15 127:8	standby 123:4	122:16 123:23
103:22 107:10	speak 3:10 5:24	128:5 129:19	standpoint	124:14 127:8

	1	1	1	1
128:5 129:19	stock 113:21	stretches 96:24	suggests 139:12	107:16
133:5 134:9,15	stone 28:25	stringing 10:13	Suite 2:7	sustained 6:21
139:24 140:16	stood 20:22	strip 84:3	suited 62:19	swayed 13:6
145:5	stop 30:25 31:1	stronger 98:2	Sullivan 73:15	swear 77:14
state's 125:3	31:4 32:23	struck 86:18	111:7	Sweet 72:9,14
stated 9:17	80:13 89:1	structures 11:4	sum 117:16	72:15 74:16
34:12 47:5	stopped 12:21	69:15 106:25	summer 31:14	143:14
56:21 125:22	98:3	stuck 77:22	42:8	swim 126:14
129:9	stopping 40:2,5	98:15	sums 56:5,9	swimming 10:23
statement 28:23	41:14	studied 72:2	Sun 2:13 4:11	34:19
43:16 53:2	storage 16:9	studies 46:20,25	supervisors	swing 29:17
56:24 90:17	137:6	48:22 53:10,12	17:12	swings 29:19
119:23	stores 67:1 70:1	71:24 79:15	supply 66:23	sworn 5:15 6:13
statements	70:2	88:6	91:11	7:17 8:2 13:22
106:11	stories 43:23	studies' 54:5	support 6:20 7:5	15:10 16:22
states 23:24	storm 10:22	study 64:25	20:20 69:17	18:10 19:9
48:13 70:22	15:4 132:15	65:10,11,15	72:7,16 83:9	22:5 25:25
71:21 78:11	story 32:17 42:5	71:19 85:2,4	83:12 110:17	27:16 33:9
94:11 103:1	42:13 99:6	stuff 60:9 106:13	110:18 138:24	36:10 40:15
107:23 108:5,8	116:22,23,23	106:14 107:8	140:4	41:21 44:2
109:16 126:5	straight 32:1	108:1,11	supporting	45:3,19 49:6
131:8 134:24	58:5 61:18	118:18 121:14	67:21	49:15 57:14
135:7,9	79:24	stumps 85:18	supportive	58:21 69:5
stating 51:22	straightest	subcontractors	73:16	72:10 74:18
station 5:1	138:3	15:1	supports 7:8	77:13 78:1
stations 55:10	straightforward	subject 29:10	48:19	82:3 89:14
55:19 56:4	25:7	84:8 90:25	supposed 10:19	94:2 101:22
stature 37:5	strained 137:18	submitted 55:9	104:17	103:4 104:25
statute 90:24	strangers 9:15	subsidiary 24:14	sure 3:7 12:25	108:24 111:1,8
stay 70:3,8 86:4	straw 50:2	24:20 126:13	21:20 65:22	113:12 114:11
92:1 99:2	stray 26:12	126:15	98:21 101:21	116:18 119:13
staying 35:16	29:13 37:4	substantial 18:1	112:8	122:19 124:1
steel 16:9 82:25	40:22 79:9	23:13,20,22	surface 83:24	124:18 127:12
Stephanie 1:24	86:8,11,20	24:5 61:5	surprise 53:6	128:9 129:23
145:3,16	106:13 107:2	substation 1:15	surprised 74:7	133:9
Stephen 49:5,10	137:10	123:14	surprising 91:11	sympathy 73:4
109:3 143:19	streams 24:7	success 95:5	surround 51:20	synthesizing
steps 87:4	Street 2:3,7,10	successful	surrounding	53:21
stewarding	strength 83:9 stress 12:21 15:2	112:20	84:9 85:15	system 136:20
109:22	78:8 79:10	sue 125:20	survey 83:7 survived 96:17	systems 6:25
stewardship 45:11	78:8 79:10 86:5	140:14 suffer 83:17		16:7 34:5,6
45:11 stillborn 78:22	80:5 stresses 92:20	85:25	surviving 22:18 survivors 96:1	62:1,2,4,15 137:4
stimulate 59:22	stresses 92:20 stretch 140:20		survivors 90:1 sustainable 85:1	137.4
simulate 39:22	Stretch 140:20	suggested 55:11	sustamable 83:1	
	l	l	l	I

		124.11	145.6	110.0.10
T	talks 65:1	134:11	145:6	119:8,18
T 144:1	tall 82:25	terms 37:2,9,9	Texas 67:3	122:15 123:21
T-a-m-m-y 42:1	Tammy 41:20	40:20 121:9	103:16	124:2,12,19
T-a-n-d-y 59:1	41:25 143:9	terraced 50:13	thank 3:19,23	127:1,7,13
table 57:20	Tampa 71:18	50:15	3:25 4:3,5,8,13	128:3 129:17
take 5:16 6:8	Tandy 58:19,25	terraces 11:6	4:17,18 7:11	129:24 133:2,4
9:17,18,19	143:13	Terre 17:4	7:12,25 8:1	133:10 141:22
10:4 12:5,15	tangible 137:19	terrible 133:1	13:5,18,23	142:6,9,10,17
20:9 32:20	tax 18:23 21:1	terribly 64:4	15:6,7,11,15	142:19
37:13 39:14	56:3,5 64:7	73:2	16:19,20,23	Thanks 25:20
40:24 43:14	70:12 72:25	terrified 82:10	18:6,7 19:6,7	thereto 145:12
45:10 48:24	80:21 94:16	86:20	19:10,13 21:25	they'd 103:21
55:5 59:8 60:1	134:24 139:4	testified 126:10	22:3,6,10	thin 50:8
67:22 68:18	taxes 70:13,17	142:10	25:23 26:1	thing 12:21 51:4
81:11,20 83:20	taxpayer 19:14	testify 22:12,14	27:8,10,14,17	52:22 71:2
103:21 104:4	taxpayers 38:20	41:24 46:1,5	30:13,15 32:20	101:2 104:16
104:10 110:5	Taylor 95:7	49:9,18 57:17	33:3,5,10 36:2	107:12 117:3
112:20 113:8	tearing 129:14	58:24 72:13	36:4,8 40:10	120:23 121:21
114:17 117:24	131:24	82:5 101:25	40:13,16 41:17	123:6 130:7
118:18 119:3	tears 110:20	105:3 111:9,18	41:19,22 43:23	141:24
120:24 132:11	teasel 9:22	111:21 113:6	44:1,3,25 45:1	thing's 117:16
136:4 138:2	technology	113:15 114:14	45:4,16,17,20	things 14:16
141:14	91:16	115:5 116:10	45:24 47:11,16	20:15,17,17
taken 3:6 9:5	teething 42:8	116:20 142:11	49:2,4,7,13,16	29:25 49:22
11:18 77:10,17	television 123:9	testifying 46:4	57:10,12,15	50:6 59:10,21
118:12 123:1	tell 26:17 42:5	74:23 113:17	58:16,18,22	60:6 61:22
135:24 145:6	50:17 70:12	113:18	64:13 65:6,14	62:12 64:11,15
145:10	71:15 78:20	testimony 4:21	65:24 69:3,6	96:13 99:5
takes 10:10	79:18 80:11	5:12,17 8:5	72:6,8,11	100:2 103:19
38:25 50:20	105:7 108:5	13:25 15:13	74:15,16,19	104:3 107:3
60:22 132:13	116:22 123:6	16:25 18:13	76:18,20,25	111:25 112:13
talk 59:4 63:19	125:13	22:8 26:3	77:8,9 78:2,7	116:24 118:22
71:14 72:15,21	telling 55:6,19	27:19 33:12	81:23,25 82:4	132:20
73:20 74:6	111:8 112:14	36:12 40:17	89:4,10,15	think 10:11
103:25 104:2	tells 99:5 100:2	44:5 45:6,22	93:13 101:13	14:17 20:18
117:11	temperatures	47:18 57:12	101:15,18,21	31:1 36:23
talked 52:25	10:3	66:1 74:21	101:23 103:1,5	38:8 43:22
59:3 125:14	temporary	78:4 89:17	104:23 105:1	56:16 61:11
130:6,8 131:6	75:12 92:13 ten 61:6	101:15 103:7	108:17,20,23 108:25 110:24	71:4 74:10
131:10	tends 38:3	109:2 111:16 112:3,3 119:16		80:20,22 81:14 82:8 86:4
talking 15:3	tends 38:3 tens 70:6	121:3,3 119:16	111:2 113:7,10 114:7,9,12,21	82:8 86:4 94:15 97:19
20:13 64:24	term 78:17	124:24 127:7	114:7,9,12,21	101:1,9 103:25
67:12,20 94:15	term /8:1/	124:24 127:7	114:22 115:3	101:1,9 103:25
119:1 128:22	termmateu	141.14149.11	110.0,7,19	104.3,3,12,20
	I	I	I	I

	1	1	1	
111:11,23	timber 15:25	21:13 35:11	Township 33:20	76:12 79:16
112:4 117:18	19:20 50:2,3	77:21 111:12	tract 38:2 61:7,8	81:5 82:11,24
117:23 118:5	78:15 84:12	111:18 113:6	61:18	83:7,13 84:13
118:19 120:7,8	124:25 128:24	113:17 133:15	tractor 122:22	85:9,22 86:12
123:11,22	time 7:20 9:11	ton 82:25	tractors 34:6	86:16 87:6,20
thinking 95:11	13:5 14:14	tonight 14:2	tracts 62:8 63:6	88:8,12 90:8
97:14	24:20 25:21	18:15 21:12	traded 42:24	91:23 92:3,5
thinks 67:11	27:9 28:24	22:14 33:15	tradesperson	92:22 93:5,8
third 111:5	32:20 33:3	35:10 43:23	17:15	97:1,7 99:9,24
Thomas 95:4	38:13 42:6	44:7 59:10	tradespersons	112:12 113:22
thoroughly	46:19 49:11	65:4 71:14	17:14	114:2,5,7,18
128:17	59:3 60:1,10	74:24 77:22	tradespersons'	116:4 123:7,12
thought 25:4	63:13 64:2,13	82:9,16 83:19	17:20	123:19 124:5
28:9 43:5 55:3	64:17,21 72:17	111:16,25	TradeWind's	124:22 125:23
57:23 61:13	73:16 74:15	113:7,18 117:1	134:12	125:23 126:5,8
64:22 69:14	76:18 92:1	127:16,18,20	TRANSCRIPT	127:3 129:2,12
97:5 98:4	93:19,24 96:17	130:2 133:14	1:4	138:4 141:1,2
99:15 102:9	98:5 101:8	142:10	transferred	141:5 144:8
111:22	103:2 105:20	tonight's 142:18	130:14	transmissions
thoughts 64:10	113:4 114:17	tons 83:5	transformer	99:16
thousand 14:19	116:6 118:7	top 11:23 50:12	123:17	transportation
48:2 95:6	120:12 127:21	62:19 84:11	transmission	83:10
121:5 128:14	130:2	topic 74:6	1:11,14 2:8	transported
thousands 69:20	timely 91:15	topsoil 50:9,12	3:21 4:24 6:20	126:7
95:1	timer 5:20	132:14 136:24	6:22 7:2,5 8:10	transporting
threat 32:18	times 20:2 63:1	Tornadoes	8:12 10:16,19	107:19
76:12 96:3	69:24 70:5	75:16	11:7,9 12:4,19	transverse 108:8
threatened	102:6	total 37:15 41:1	14:3,8,21	transverses 14:9
52:22 84:22	TIMOTHY 2:9	62:7 83:13	16:16 17:3,8	travel 42:4
threats 96:9	tires 85:19	84:5 117:16	18:16 19:1	97:15
three 20:19 21:7	today 17:2 30:23	126:2 136:10	22:13 25:20	traveling 70:7
26:7 27:21	59:4 63:23	totaling 136:11	26:6,14 27:12	treat 6:2
33:20 35:9	98:13 99:11	totally 68:11	30:24 31:23	treated 6:3
55:23 62:6	100:6 122:22	91:2	32:1,8,11,22	125:8
73:8,13 125:14	today's 43:3	touched 29:17	32:24 33:2	tree 52:1 87:22
130:3 139:17	toe 98:7	tower 83:2,6	42:2 44:13	120:25
thrive 87:24	toil 86:23	109:25	46:2 51:11,23	tree-covered
throw 123:9	toiled 55:1	towers 7:3,4	53:16 55:4	57:21
thunderstorm	told 19:25,25	37:5,8,11,13	56:1 57:1,25	trees 11:12
86:13	63:8 64:17	37:19 40:24	58:7 60:16	44:21 51:2,17
Thursday 125:7	77:17 97:8	41:5 82:24	61:2 71:10,16	51:18 54:12
TIGER 1:25	98:17 99:17	town 42:10	72:21 73:9,18	58:10 68:3,3,5
till 61:14	125:4 134:10	97:24,24 98:9	73:20,23 74:1	68:8,10,12,19
Tim 4:1	tomorrow 5:10	134:3,4	75:3,14,19,25	84:15 92:6
	I	I	I	

	<u> </u>	1	<u> </u>	1
120:24 131:24	25:20 26:6	unable 30:18	University 62:10	78:16 83:9
tremendous	27:12 30:24	35:10 66:22,22	79:8 85:6 94:9	85:2 88:19
83:21	31:23 32:22	unanimously	105:21 132:11	121:20,23
trenches 128:19	33:2 44:13	44:13	University's	123:4 125:1
tributary 84:12	46:2 60:15	uncle 128:15	53:10	129:13 132:21
trich 130:17,18	61:2 69:17	uncommon	unlimited 94:20	133:24 134:7,8
trickle 70:10	75:3 82:11	60:25	unnecessary	136:5 137:2
tried 127:22	88:8 89:4	underground	22:12 25:20	138:25 139:14
trip 30:18 59:6	114:1,7 116:4	84:17	40:3 41:14	useful 61:17
troughs 79:5	117:11,14,18	undergrowth	46:1 47:8	usually 9:12
Tru-Test 63:11	124:4 125:23	92:5	67:22	usurpation
truck 20:1	126:5,8 133:24	underneath	unreliable 11:20	90:22
true 81:21	134:7,8,21	63:15 67:14	91:19	utilities 103:18
109:10 110:2	135:3 136:19	69:13 106:23	unsaturated	utility 7:2 22:21
116:23,23,24	141:20	understand 14:7	83:20	24:18,19,21,24
117:17 138:24	Twenty-five	14:10,14,15	unsound 39:8	25:13,18 71:24
Truman 105:21	82:18	20:7,8 34:24	unsustainable	72:18 74:5
trump 39:19	Twenty-three	38:10 52:11,16	88:21 135:2	119:20 133:21
trust 33:15	70:13	73:21 80:22	unusable 9:1	133:23
34:18 46:3	two 8:12 9:1,9	99:13 105:16	unusual 51:5	utilize 90:5
127:16	17:21 21:3	106:4 108:16	70:6	utilized 140:10
trustee 46:2	33:20 35:1,7	123:13 132:12	unveiled 31:25	
truth 94:3 95:16	44:7 47:23	141:11	unwanted 9:14	V
101:9,10 111:8	49:22 58:4	understanding	9:22	v 6:18
126:5	65:11 78:9	19:22 24:13	upfront 14:24	V-i-c-t-o-r-i-a
truthful 95:6	80:3 89:12	understood 58:3	105:8	47:20
98:4	97:12,12	undo 50:20	upgrade 16:6,7	vacation 117:25
truths 43:18	101:19 125:14	unfair 54:21	upgraded 63:24	valid 44:16
138:19	132:5 138:3	Unfortunately	139:2	Valley 2:13 4:11
try 6:9 52:12	two-bedroom	31:20 57:6	upgrading	valuable 136:24
108:9 132:21	31:10	142:15	135:13 136:19	valuation 64:25
trying 13:2	two-year 60:1	unheeded	138:13 139:10	144:7
55:22 63:17	type 61:19 71:5	101:11	urge 48:24 116:3	value 23:1 38:3
98:18 112:5	108:1	uniform 112:5	usage 18:5	38:7 70:16,17
tumors 48:23	typewriting	union 56:14,15	use 10:20,22	76:15 78:17,18
turbines 11:22	145:8	69:17	26:18 34:5,16	81:2 125:1
80:19,21		unique 95:20	37:9,13,14,21	values 12:25
turkey 11:10	<u>U</u>	unit 6:24	38:10,17,25	16:14 27:1
20:4	U.S 88:3 132:18	United 2:15,18	39:3,5,6,6,18	30:1 38:1 41:8
turn 58:8 128:21	UE 122:23	4:9,14,16	39:19,22 40:8	47:1 55:20
132:21	Uh-huh 13:17	23:24 27:11	40:24,25 41:4	variable 61:1
turns 102:10	ultimatum	32:21 53:5	41:6,12 47:6	varied 44:14
Twain 8:9 16:16	42:11	71:21 78:10	62:16 63:21,25	variety 108:1,7
18:16 22:12	umbrella 32:11	94:11 134:24	64:5 68:1	various 70:2,2

108:5,8 52:3 60:15 W-h-e-e-l-e-r 8:11 30:7,13 vast 74:7 141:7 79:25 86:5 42:1 44:7 72:15 73:7 vegetables 76:3 106:23 113:22 W-i-l-l-i-a-m 77:5 96:17 vegetation 37:19 128:14 135:13 90:19 99:11 100:15 41:5 84:2,9 135:14,25 wait 78:8 105:24 127:23 88:1 139:10 wakes 42:10 130:7 133:12	84:13,25 85:11 85:20,23 86:16 95:5 97:15 99:22 110:14 112:22 119:3 122:12 123:11 127:2 128:1 131:15 vays 34:14 35:23 59:19
vast 74:7 141:7 79:25 86:5 42:1 44:7 72:15 73:7 vegetables 76:3 106:23 113:22 W-i-l-l-i-a-m 77:5 96:17 vegetation 37:19 128:14 135:13 90:19 99:11 100:15 41:5 84:2,9 135:14,25 wait 78:8 105:24 127:23 88:1 139:10 wakes 42:10 130:7 133:12	95:5 97:15 99:22 110:14 112:22 119:3 122:12 123:11 127:2 128:1 131:15 vays 34:14
vegetables 76:3 106:23 113:22 W-i-l-l-i-a-m 77:5 96:17 vegetation 37:19 128:14 135:13 90:19 99:11 100:15 41:5 84:2,9 135:14,25 wait 78:8 105:24 127:23 88:1 139:10 wakes 42:10 130:7 133:12	99:22 110:14 112:22 119:3 122:12 123:11 127:2 128:1 131:15 vays 34:14
vegetation 37:19 128:14 135:13 90:19 99:11 100:15 41:5 84:2,9 135:14,25 wait 78:8 105:24 127:23 88:1 139:10 wakes 42:10 130:7 133:12	112:22 119:3 122:12 123:11 127:2 128:1 131:15 vays 34:14
41:5 84:2,9	122:12 123:11 127:2 128:1 131:15 vays 34:14
88:1 139:10 wakes 42:10 130:7 133:12	127:2 128:1 131:15 vays 34:14
	131:15 vays 34:14
111 101 1 1 010 1 1 7 6 10 1 100 16	vays 34:14
vehicles 12:1 voltage 8:12 walk 76:10 133:16	•
83:10 12:4,19 16:11 walked 99:22 wanting 26:16 wa	25.22 50.10
vendors 119:3 24:3 26:13 walker 76:20 32:10	33.23 39.19
venture 21:18 27:5 28:15 110:25 111:4,4 wants 62:18	101:6 108:7
90:23 91:6 29:13,21 30:4 113:10 118:4 97:1 102:25	131:21
verify 101:19 31:4 32:1,16 143:19 Wappelo 81:6 we	ve'll 13:19
versed 20:16 37:1,3,4 40:19 walking 115:15 War 22:17 46:7	15:22 33:5
veteran 22:17 40:21,22 42:3 want 3:8 4:21 128:19	65:14 77:8
46:8 69:10 42:25 43:13 9:9,11,15 Warren 80:18	97:5
78:10 46:21 47:24 13:12 14:7,11 wash 84:9 w	ve're 14:11,18
veterinarian 48:15,22 49:1 15:15 20:9 121:22	20:13 21:11
86:17 52:5 53:15,24 22:10 27:4,8 washes 68:10,15	34:9 58:15
viable 51:10 54:1,10 66:10 27:10 28:13,14 washing 68:13	65:3 67:10,20
96:16 66:20 67:15,16 29:1 30:23 130:22	68:17,18 69:16
vice 44:9 67:17,22 73:9 32:5,20 36:14 Washington	94:16 95:20
victimize 24:25 76:12 79:9 43:4,14 45:24 64:7	101:12 105:11
Victor 6:18 86:8,11,21 51:2 59:24 wasn't 69:14	106:9 113:2
Victoria 47:12 91:25 92:3 60:11 61:15 95:6,6 129:12	118:9 121:4
1	123:11 131:12
	131:14,23
	132:22,23
	134:10 139:9
1 ' ' ' ' ' ' ' ' ' ' ' ' ' ' ' ' ' ' '	140:14 141:20
	142:19
	ve've 20:19 27:2
	39:19 62:12,23
	64:2,24 68:14
, , , , , , , , , , , , , , , , , , , ,	94:19 98:15
1	106:9 130:8,20
	132:17
1 ' 1	veak 10:9
	veakened 97:22
T T T T T T T T T T T T T T T T T T T	veaknesses 98:1
'	veaning 78:13
	veather 60:19
T T 7	78:16 139:16
16:5,11,11 W-e-a-v-e-r 142:10 83:1,8,15 84:4 W	Weaver 77:1,1,1

	1	1	1	
77:2,7,12,13	width 83:9	7:13 8:2 13:22	words 59:18	worth 56:9
77:14 78:5,5,6	wife 7:21 31:8	15:10 16:22	141:25	98:21 121:6
79:12,22 81:25	32:12 33:23	18:10 19:9	work 10:2 17:6	worthless 114:6
120:10 143:15	34:11 57:19	22:5 25:25	17:18 19:23	wouldn't 50:15
weeds 9:14,22	58:14 78:6	27:16 33:9	43:11 55:7	121:17
76:8 81:1	80:3 105:24	36:10 40:15	63:15 64:5	wrap 5:22
week 5:10 59:7	wife's 81:11	41:21 44:2	70:6 72:20	write 64:18
106:21 111:9	wild 11:9 51:20	45:3,19 47:15	79:13 83:24	written 65:13
111:12,25	wildlife 24:1	49:6,15 57:13	85:19 94:8	wrong 40:6 43:6
weekend 70:9	26:23 35:1	57:14 58:21	95:3 100:25	54:14 55:8
77:18	75:5,20,21	65:19,23 69:5	102:24 105:9	95:9 100:17
weekends 70:7,8	82:14 87:21	69:25 72:10	105:14 106:6	101:9 124:23
106:20	88:1,3,16 92:7	74:18 77:4,12	106:20 108:9	wrongful 40:8
weeks 132:5	108:4,13	78:1 82:1,3	110:10 112:23	wrote 13:14
weigh 137:5	124:10	89:11,14 94:2	137:4	28:18 60:12
weighing 49:23	William 22:15	101:16,22	worked 12:14	64:16
121:3	90:18	103:4 104:24	20:10 42:15	
weight 78:23	Williams 144:12	104:25 108:21	54:11 60:12	X
welcome 44:17	willing 126:22	108:24 110:25	69:11 71:18	X 143:1 144:1
112:6	141:20	111:1 113:11	73:4 95:3	
well-being 32:19	wind 11:13,20	113:12 114:10	122:22,23	Y 121 15 22 4
76:9 94:11	11:22 12:1	114:11 115:2	123:15	yard 31:15 32:4
95:22	51:10 73:12,13	116:8,18	workers 56:14	92:6
well-deserved	73:24 80:19,21	119:13 122:19	56:15 70:10	yards 10:14 18:1
77:5	81:9,11,12	124:1,18	71:24 106:17	50:10
wells 84:20	108:1 129:10	127:12 128:9	working 9:16	Yeah 64:6 98:17
went 12:8 56:4	134:6,8,9,10	129:23 133:9	12:22 31:15	year 5:8 8:25
64:18 95:5	134:11,13,15	143:2	44:23 59:14	17:17,18,21
97:23 98:7	134:22,23,24	witnessed 69:24	70:5,10 72:1	35:3 42:14
weren't 97:24	134:25 135:1,9	69:24 93:18	79:14,14	52:24 55:22
103:10	139:13	witnesses 145:6	102:17,21	60:11 61:19,20
west 28:20 34:13	windmill 11:17	woman 52:11	111:24 140:3	61:20 62:22,23
57:20,24 79:24	window 8:14	won 79:1 96:5	works 10:11	62:24,24,25
127:5 129:13	34:1 123:10	wonder 35:3,23	17:15 59:11	80:23 99:13
wet 83:17	windows 57:20	43:9 75:13	world 22:17	115:11 128:13
wetland 19:24	wins 126:18	wonderful	46:7 53:20	128:14 129:4
87:22	winter 10:25	118:19	94:12 109:18	139:18
wheat 33:21	wires 10:14	Wood 144:13	109:19 128:18	years 9:1,9,13
Wheeler 41:20	Wisconsin 79:9	wooded 26:22	131:15,17	11:16,21 12:14
41:25,25 43:25	wish 3:18 5:16	87:21	133:2	15:17 17:21
44:1,1,6,6 45:1	64:5 92:21	woods 51:25,25	worried 34:9	20:2,10 21:2,3
143:9,10	wishes 116:9	55:23 68:20	35:14	21:7 22:19
wide 60:5 84:4	withhold 85:12	83:4 115:15	worrying 54:19	23:8,22 27:2
widespread 85:7	witness 6:11,13	word 21:6,8	worse 126:15	33:19 35:6,8
_				

	-	•	1	1
35:17 36:20	1,000 85:10	39:20 120:11	82:20,24 99:19	300 15:21,23
38:11 39:20	1,100 85:10	122:10 123:15	107:4 138:4	42:13 85:23
42:14 46:8	1,193 82:17	128:25	139:4	135:4 140:2
47:20 49:25	1,200 27:24	150-foot 20:4	20-year 133:20	300-and-some
50:20 60:16	62:22,25	15282 78:6	20,000 45:16	128:14
62:13 63:19	1,500 63:7	160 19:19 27:2	200 2:3,7,10	31 33:20
66:9 67:19	1,715 80:19	81:4 129:9	200,000 136:1	314 2:16 4:16
69:20,21 70:13	10 13:1 60:22	160,000 79:25	137:15	314-341-5769
73:1,11,12	86:15 138:4	161 63:23 85:8	2002 42:17	2:17
75:17,21 89:23	100 21:18 22:22	86:12 113:22	2009 79:8	33 143:8 144:4
94:8,10 95:1,6	82:25	161's 59:19	2012 62:11	345 61:24
96:4,15 100:25	100-mile 30:4	161,000 135:13	134:12	345,000 1:14
102:4 103:11	102 143:17	139:10	2014 125:5,8	15:20 16:5,11
103:17,17	103 143:18	17 143:5	136:4	27:24 29:21
106:14 107:4	105 143:18	17,500 123:3	2015 1:7 60:19	51:9 52:2
107:11 116:21	109 143:19	18 82:19 136:11	2016 134:24	60:15 81:4
118:22 120:16	11 123:16	138:17 143:5	2021 134:18	86:4 101:4
121:21 122:7	111 2:7 143:19	1802 2:13 4:11	2026 134:19	106:23 132:2
122:24 128:25	113 143:20	1830s 12:17	21 42:14 144:9	135:14,25
129:11 130:12	114 143:20	19 143:6	22 143:6	139:11
132:13 133:2	144:11	1949 122:25	22.50 61:1	35 120:16
139:4,17	115 143:21	19562 82:7	2230 2:10 4:1	36 122:23 143:8
140:25	116 143:21	1968 12:5	224 136:10	360 2:3 4:6
yesterday	118 28:1 33:24	1972 15:16	23 85:21	37 50:10
103:12	119 143:22 12 62:7	118:21	230 69:13	39 33:16
yield 60:20,23 60:24 137:13	12 62:7 12-mile 140:20	1973 12:9 66:8 1976 35:7	25 82:19 140:24 140:25	4
	12-iiiie 140:20 12.38 135:18,18	1976 33:7 1978 27:23	26 1:7 143:7	4 65:16,17
yielded 60:20 yields 8:23	12.36 133:18,18 121 33:24	1978 27:25 1980's 95:25	20 1:7 143:7 27 143:7	139:20 144:7
York 48:13	121 33.24 122 143:22	1980 \$ 93.23 1988 12:7	27 143.7 270 87:7	144:13
young 47:23,25	122 143:22 124 143:23,23	1988 12:7 1994 42:5	270 87:7 275 44:11	4,000 96:24
48:5 53:15	125,000 17:19	1994 42.3 1998 84:25	21344.11	4,431 82:17
67:21 94:7	125,000 17.19 127 143:24	1996 84.25 1999 84:25	3	4.50 60:22
	127 143.24 128 143:24	194.23 19th 126:9	3 1:9 65:15,17	40 17:20 30:1
$\overline{\mathbf{Z}}$	13 103:11,11		144:5,6	60:19 61:8
zero 22:20	144:3	2	3,600 61:20	73:11 103:17
zigzagging 102:5	13.8 96:25	2 33:6,7 138:1	30 23:22 30:1	143:9
Zion 82:7	130 143:25	144:4	48:13 60:20,24	40-acre 61:19
zone 61:5	14 143:4	2'09 31:8	66:8 80:22	40-year 69:10
	15 50:12 60:20	2,500 123:2	94:8 103:17	400 134:22
0	60:24 78:8	2.3 80:23	125:8 133:25	139:12
1	102:4 143:4	2.4 139:20	30-something	401 (k) 20:12
$\frac{1}{112.10.20.144.2}$	15,850 82:20	20 17:10 49:25	105:19	71:5
1 13:19,20 144:3	150 20:21 36:20	60:25 81:3	30,000 45:16	41 143:9
144:10				

	•	<u> </u>
43 15:17 33:25	138:15 143:3	800 83:1
118:22	144:11	82 143:16
44 94:11 143:10	6-month-old	89 143:16
45 17:16 96:4	42:8	144:10
143:10,11	6.3 79:3	
46 33:25	60 22:19 69:20	9
47 143:11	111:9	9:59 142:20
49 143:12	60-some 34:18	90 8:24 61:1
	60-something	82:25
5	106:14	900 52:20 61:19
5 60:25 89:6,9	60,000 17:17	91-year-old
125:5 144:10	63:1 137:17	22:17
5- 42:8	138:14	918 2:7 3:20
5,000 123:2	600 79:15	94 143:17
50 33:19 46:8,16	63026 2:17	
47:1 60:19	63541 78:7	
62:23 63:1	65 82:19 143:13	
80:22 95:5	144:5,7	
136:15 138:5	65102 2:4,10 4:2	
50-year-old 28:2	4:7	
29:22	65109 2:14 4:12	
500 78:11 80:20	65205 3:21	
106:19	65205-0918 2:7	
500,000 70:25	69 14:8 143:14	
54,000 135:4	09 14.0 143.14	
55 17:25 87:5	7	
55,000 16:10	7 81:2 133:20	
84:5 87:5	70 53:19 69:20	
550,000 16:11	70,000 16:10	
56,000 18:1	70 s 105:18	
57 143:12	70s 103.18 72 143:14	
573-443-3141	74 143:15	
2:8	74 143.13 746 1:24 145:16	
573-616-1486	75 51:24 100:25	
2:14	750 7:8	
573-751-3234	750,000 16:12	
2:4	78 143:15	
573-751-5324	10 143:13	
2:11	8	
	8 126:1 127:5	
58 134:1,2	136:9 143:3	
143:13	144:3,4	
6	8:15 77:6,9	
6 114:23,24	80 17:10	
U 117.23,24	0017.10	
		<u> </u>