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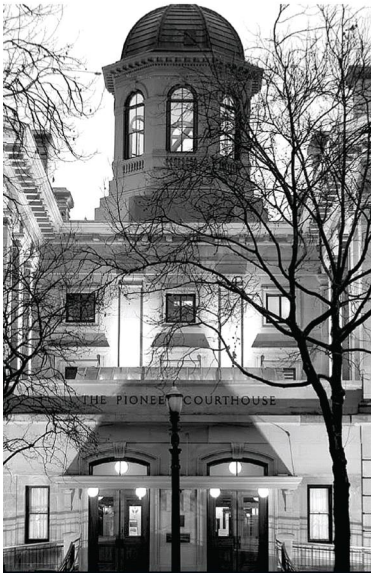
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**EPA VIRTUAL PUBLIC HEARING FOR  
PROPOSED DECISION TO APPROVE  
LOUISIANA'S CLASS VI PRIMACY APPLICATION**

**HELD VIA MICROSOFT TEAMS ON  
FRIDAY, JUNE 30, 2023  
4:00 P.M.**

**1201 ELM STREET, SUITE 500  
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**APPEARANCES**

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**Presenters :**

- Ian Ussery
- Robert Kirkland
- Ken E. Johnson
- Armando Aremendariz

**Attendees :**

- Eloise Reid
- DK Willard
- Tommy Johnson
- Kathy Johnson
- Lisa Cochren
- Jo Banner
- Vickie Booth
- Wilma Subra
- Matt Rota
- Barbara Washington
- Connie Fink
- Deshae Campbell
- Grace Treffinger
- Daniel Zollinger
- Glenda Cologero
- Myrtle Felton

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**APPEARANCES (CONTINUED)**

- Cashona Lavergne
- Carolyn Jackson
- Roishetta Ozane
- Lori Simmons
- Quentin Anderson
- Carolyn Raffensperger
- Lauren Nagel
- Grace Treffinger

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6                   **4:00 P.M.**

7  
8           **MR. JOHNSON:** Before we begin taking testimony, I  
9 will provide background information and a summary of the  
10 proposed action. With me on the virtual hearing today from EPA  
11 Region 6 are Ian Ussery and Brody Friesenhahn, UIC section  
12 geologist, and from the Office of Regional Counsel our hearing  
13 officer, Armando Armendariz.

14           Today's hearing concerns EPA's proposed approval of a  
15 revision to the Louisiana Safe Drinking Water Act, Section  
16 1422, UIC program, to include Class VI injection well primary  
17 enforcement responsibility, also referred to as primacy. The  
18 proposed revision would allow the Louisiana Department of  
19 Natural Resources, or LDNR, to issue UIC permits for geologic  
20 carbon sequestration facilities as Class VI wells and ensure  
21 compliance of Class VI wells under the UIC program.

22           The EPA proposes to issue a final rule approving  
23 Louisiana's application to implement the UIC program for Class  
24 VI injection wells located within the state, except those on  
25 Indian lands.

1 The UIC Class VI program was created under the  
2 Federal Safe Drinking Water Act. This statute protects public  
3 health by regulating the nation's public drinking water supply,  
4 including both surface and groundwater resources. The Safe  
5 Drinking Water Act requires the EPA to develop requirements and  
6 provisions for the state and tribal underground injection  
7 control or UIC programs.

8 These UIC programs regulate the injection of fluids  
9 to protect underground sources of drinking water. Safe  
10 Drinking Water Act, Section 1422, directs EPA to establish  
11 requirements that states, territories, and federally recognized  
12 tribes must meet to be granted primary enforcement  
13 responsibility or primacy for implementing a UIC program,  
14 including a Class VI program.

15 A state applicant seeking primacy for a Class VI  
16 program must demonstrate to EPA that the state Class VI program  
17 is as stringent as the federal requirements, and is protective  
18 of underground sources of drinking water, or USDWs, among other  
19 requirements.

20 The UIC Class VI program which regulates injection of  
21 carbon dioxide into deep rock formations for the purpose of  
22 long-term underground storage, provides multiple safeguards  
23 that work together to protect USDWs and human health.

24 Owners or operators that wish to inject carbon dioxide for  
25 the purpose of geologic sequestration must demonstrate that

1 their injection well will meet all regulatory requirements and  
2 receive a Class VI permit for each well. UIC Class VI program  
3 requires applicants to meet strict technical, financial, and  
4 managerial requirements to obtain a Class VI permit. These  
5 program components include the following:

6 One, site characterization. Site characterization  
7 ensures the geology of the project area will contain the carbon  
8 dioxide within the zone where it will be injected;

9 Two, area review. Area review modeling delineates  
10 the predicted area influenced by injection activities through  
11 the lifetime of operation;

12 Three, evaluation of the delineated area to ensure  
13 all potential pathways for fluid movement have been identified  
14 and addressed through corrective action;

15 Four, well construction requirements. These requirements  
16 ensure that the Class VI injection well will not leak carbon  
17 dioxide;

18 Five, testing and monitoring throughout the life of  
19 the project, including after carbon dioxide injection has  
20 ended. Requirements include, for example, testing to ensure  
21 physical integrity of the well, monitoring for seismic activity  
22 near the injection site, monitoring of injection pressure and  
23 flow, chemical analysis of the carbon dioxide stream that is  
24 being injection, and monitoring the extent of the carbon  
25 dioxide plume and the surrounding area, such as the

1 groundwater, to ensure that the carbon dioxide is contained as  
2 predicted;

3 Six, operating requirements to ensure the injection  
4 activity will not endanger USDWs or human health;

5 Seven, financial assurance mechanism sufficient to  
6 cover the cost for all phases of the geologic sequestration  
7 project, including the post-injection site care period, and  
8 until site closure has been approved by the permitting  
9 authority;

10 Eight, emergency or remedial response plans;

11 Nine, reporting of all testing and monitoring results  
12 to the permitting authority to ensure the well is operating in  
13 compliance with all permit and regulatory requirements. The  
14 permitting authority ensures that these protective requirements  
15 are included in each Class VI permit. A draft of each Class VI  
16 permit is made available to the public for comment before a  
17 final permit is issued.

18 In addition to reviewing the state regulations to  
19 ensure that they are at least as stringent as the federal rules  
20 I've just summarized, the EPA also evaluated Louisiana's Class  
21 VI program description, Louisiana Attorney General's statement  
22 of enforcement authority, and the addendum to the memorandum of  
23 agreement between EPA and Louisiana describing the  
24 administration, implementation, and enforcement of Louisiana's  
25 Class VI program.

1 Finally, as part of developing this proposal, EPA  
2 worked with the State of Louisiana to incorporate environmental  
3 justice considerations into their privacy application. EPA  
4 reviewed Louisiana's EJ approach as described in the state's  
5 program description and the MOA addendum, and compared it to  
6 the EJ elements discussed in the December 9, 2022, letter from  
7 EPA to state governments.

8 Louisiana is committed in its MOA addendum to adapt  
9 all the EJ elements described in the letter, including  
10 implementing an inclusive public participation process  
11 incorporating EJ and civil rights considerations in the permit  
12 review processes, enforcing Class VI regulatory protections,  
13 and incorporation mitigation measures.

14 Furthermore, Louisiana's program description  
15 specifies that LDNR will require well owners or operators to  
16 conduct an EJ review as part of the Class VI application  
17 process, and the results of the review will be used by LDNR to  
18 determine if an enhanced public comment period would be  
19 required.

20 In closing, EPA conducted a comprehensive, technical,  
21 and legal evaluation of Louisiana's Class VI primacy  
22 application to assess and confirm that the state's Class VI UIC  
23 program is as stringent as the federal regulations. As a  
24 result of this comprehensive review, EPA is proposing to  
25 approve Louisiana's application because EPA has determined that



1 the application meets all applicable requirements for approval  
2 under Safe Drinking Water Act, Section 1422, and the state is  
3 capable of administering a Class VI UIC program in a manner  
4 consistent with the terms and purposes of the Safe Drinking  
5 Water Act, and all applicable UIC regulations.

6 For additional information on the proposed decision,  
7 you may review the proposed decision located in the federal  
8 register. To review application materials and supporting  
9 documents, you may go to the rule making document at  
10 [www.regulations.gov/docket/epa-hq-ow-2023-0073/document](http://www.regulations.gov/docket/epa-hq-ow-2023-0073/document).

11 And now the hearing officer, Armando Armendariz, will  
12 explain the procedures for this public hearing.

13 **HEARING OFFICER ARMENDARIZ:** Good afternoon,  
14 everyone. Thank you for attending this virtual hearing.  
15 Before I go any further, registered speakers should view and  
16 make comments in the Microsoft Teams only. Having both Zoom  
17 and Microsoft Teams portals opens at the same time may result  
18 in background feedback.

19 Moving on. My name is Armando Armendariz, and I am  
20 an attorney for the Environmental Protection Agency, Region VI,  
21 located in Dallas, Texas. I am also the designated hearing  
22 officer for this hearing. I will be responsible for developing  
23 the hearing record by keeping and taking your comments  
24 concerning the EPA's proposed actions.

25 The procedures for conducting this virtual hearing

1 are rather simple and informal. However, this hearing must be  
2 conducted in an orderly manner that will allow the EPA to  
3 record all relevant and appropriate information related to the  
4 proposed actions.

5 Equally important today, a virtual hearing is not an  
6 evidentiary hearing or trial. There will be no direct or  
7 cross-examination of anyone. As the hearing officer, I may ask  
8 questions, but only for clarification and for the hearing  
9 record. Otherwise, people making comments will not be  
10 questioned. This is not a forum for debate or argumentative  
11 exchanges, but rather one for gathering facts and opinions  
12 related to the proposed actions.

13 I understand that some of you are quite passionate  
14 about today's issues, but in order to fully understand and hear  
15 your comments, your statements must be focused and clear.

16 As previously mentioned, EPA personnel will not be  
17 responding to any questions during today's virtual hearing.  
18 Instead, the EPA will publish a written response to everyone's  
19 comments in the federal register that will include the agency's  
20 final decision. I will be calling on people who have  
21 registered to make comments. As is the case with a live public  
22 hearing, I am setting a three-minute per speaker rule. This  
23 will ensure that everyone will be given an opportunity to be  
24 heard.

25 When I call your name, please state and spell your

1 name for the record. And if you are representing an  
2 organization, please identify your organization.

3 Also, when I call your name, please raise your hand  
4 by pressing the raised hand icon found on top of the Microsoft  
5 Teams portal. This will allow us to unmute your microphone,  
6 which will officially start your three-minute time to give your  
7 statement.

8 If you go over your three-minute limit, your  
9 microphone will be muted and I will then call the next person  
10 on the list. After the record of the virtual hearing closes,  
11 the EPA will continue to accept written comments. Please note  
12 that the written commentary that began on May 4, 2024 (sic),  
13 will end on July 3rd, 2023. Also, note that written comments  
14 should be submitted by the methods prescribed in the EPA's  
15 notice, and will be given the same weight as oral arguments.

16 Finally, if you get disconnected, please call again  
17 to reconnect to the session.

18 I will now take the comments of people who have  
19 signed up to speak, beginning with Mr. Jo Banner. Mr. Jo  
20 Banner, please raise the icon -- press the icon button. Okay.  
21 Mr. Banner, can you hear me okay?

22 **MR. KIRKLAND:** We cannot hear you, sir.

23 **MR. USSERY:** Armando, give me one second. We're  
24 having difficulties unmuting Jo's mic.

25 **(Pause in the proceedings.)**

1           **MR. KIRKLAND:** Ian, I have a suggestion. You can  
2 elevate the guest to speaker, if you want to.

3           **MR. USSERY:** Okay. Are you able to unmute yourself?

4           **MS. BANNER:** Yes. Can you hear me?

5           **MR. USSERY:** Excellent. Okay. Very much apologize  
6 for that.

7           **HEARING OFFICER ARMENDARIZ:** Yes, we can, Ms. Banner.  
8 Are you ready?

9           **MS. BANNER:** I'm ready.

10          **HEARING OFFICER ARMENDARIZ:** Okay, then. Go ahead.

11          **MS. BANNER:** Okay. Thank you for having me here  
12 today. I appreciate the opportunity. My name is Jo Banner,  
13 that's J-O, B-A-N-N-E-R. I live in Louisiana in a town called  
14 Wallace; that's in Saint John the Baptist Parish. I also have  
15 an organization called the Descendants Project, which is an  
16 NGO.

17           I'm here today to express my concerns about  
18 Louisiana's request for primacy. Louisiana was just listed by  
19 U.S. News as one of the worst -- as the worst state to live in  
20 in the country. And before we think that that is the media  
21 maybe sensationalizing the story, I'd like to continue by  
22 saying that Louisiana continually ranks as the first of the  
23 worst and the last of the best in many different studies that  
24 have been put out about the state.

25           I'm here to say that -- and also it gets that title

1 -- unfortunately, we see that in Louisiana in my area, Saint  
2 John, which is part of Cancer Alley. We have one of the  
3 highest rates of cancer in the country. We had the 95th  
4 percentile. In addition to that, we also have the highest  
5 rates of asthma -- twice the average in my community.

6 In addition, we also have -- we rank low for our  
7 medical; we rank low for our education. And all these  
8 different ways shows you that Louisiana is not in the condition  
9 to where we can gamble with our health and our happiness by  
10 engaging in carbon capture, also having Louisiana control -- or  
11 they have control of that.

12 So I'm asking that we -- the citizens are protected  
13 by community -- my family has been in Louisiana for over -- for  
14 about 300 years. I love my community. I love this state, but  
15 I have to say, the state has not done a good job of protecting  
16 us. Despite our loyalty, we have continued to (audio  
17 disruption) -- I'm starting to get some feedback. Okay. I  
18 think it's better now.

19 **HEARING OFFICER ARMENDARIZ:** Go ahead, Ms. Banner,  
20 yes. Go ahead.

21 **MS. BANNER:** Yes. But we're continually used as  
22 guinea pigs. And I think this carbon capture is another  
23 instance of us being used in this way. We're not sure of the  
24 technology. We have -- there's many different studies that  
25 shows that this is not proven that our state, despite a

1 delicate condition, that I hope that then would choose to  
2 continue on this road. But not only that, but then seek to  
3 control it.

4           If you had a child that was misbehaving and showed  
5 himself to be irresponsible or to be disrespectful to others,  
6 and one that you could not trust, would you give that child, if  
7 they were of driving age, the keys to your car? I think that  
8 you would not, because that child has a lot of growing up to  
9 do. And I think Louisiana is in that same state, we cannot  
10 afford to give the keys to drive the car until it shows itself  
11 to be truly responsible for residents like me and whose  
12 families have been -- who have been loyal to this state for  
13 many generations.

14           So, once again, I just thank you for allowing me the  
15 chance to talk to you today and I hope that you listen to my  
16 concerns. Thank you.

17           **HEARING OFFICER ARMENDARIZ:** Thank you, Ms. Banner.

18           It looks like we're having some technical issues with  
19 the timeclock. Ms. Banner, I want to thank you for keeping  
20 your statements within the three minutes. Let's go ahead and  
21 see if we're going to be able to make it work.

22           Okay. Is there a Wilma Subra? Wilma Subra, please  
23 raise your hand.

24           Johnny Gamble?

25           **MS. SUBRA:** Can you hear me? This is Wilma.

1           **HEARING OFFICER ARMENDARIZ:** Oh, thank you, Wilma.

2 Okay. I can hear you now.

3           **MS. SUBRA:** Thank you. My name is Wilma Subra, W-I-  
4 L-M-A, S-U, B as in boy, R-A. I'm with Louisiana Environmental  
5 Action Network. I have reviewed substantial information and  
6 data on carbon capture Class VI wells, CO2 storage, and storage  
7 formation issues and safety.

8           The current efficiencies appear to not be adequate to  
9 appropriately protect the subsurface environment which will be  
10 the location of the carbon storage, as well as protect  
11 locations on the surface environment, as well as the health of  
12 community members living in the area of the proposed activity,  
13 particularly, EJ community members.

14           Carbon storage after capture is a major issue with  
15 the potential to contaminate subsurface environments,  
16 groundwater resources, and migrate back to the surface. This  
17 will have the potential to contaminate the environment in which  
18 community members live and work and try to survive the  
19 pollution in their environment.

20           Professor Anthony Ingraffea of Cornell University has  
21 studied oil and gas issues extensively. And he has determined  
22 that all -- I say all -- plugged and abandoned wells will  
23 always leak.

24           There have been a large number of plugged and  
25 abandoned wells in Louisiana. In addition, Louisiana has an

1 increased number of orphaned and abandoned wells each and every  
2 year. These wells would allow CO2 capture and place in  
3 subsurface formations to migrate between subsurface formations  
4 and back to the surface along previously drilled well bores  
5 that are not adequately plugged and abandoned -- or orphaned  
6 and abandoned wells.

7 I just received and reviewed information that in  
8 Texas, due to extreme heat situations, pipelines and compressor  
9 systems are venting volatile organic compounds into the air to  
10 lower the pressure in the systems. The VOCs being vented are  
11 being released in large quantities into the air under excessive  
12 pressures and migrating large distances from the venting  
13 locations.

14 Oil and gas drilling has occurred in Louisiana since  
15 1901. There is a lack of accurate data on locations of these  
16 historical wells, and a lack of accurate well log information  
17 and subsurface information over the years. This lack of  
18 accurate information could result in flaws in planning and  
19 operations of carbon storage situations that could result in  
20 critical situation.

21 I have also submitted additional comments via mail on  
22 this topic, and they should have arrived in Dallas yesterday.  
23 And I'm sorry I couldn't do testimony on the first day. My  
24 husband has cancer. And when you changed the date, that was  
25 already a date that we were scheduled for his cancer treatment



1 at MD Anderson in Houston.

2 Thank you for the opportunity to provide you with  
3 information.

4 **HEARING OFFICER ARMENDARIZ:** Thank you, Ms. Subra.

5 Can we get the clock reset?

6 **MR. USSERY:** You're good, Armando.

7 **HEARING OFFICER ARMENDARIZ:** Do we have Johnny  
8 Gamble? Mr. Gamble?

9 What about Samuel Remchuk (phonetic)?

10 Matt Rota? Mr. Rota, when you're ready, sir.

11 **MR. ROTA:** Can you all hear me?

12 **HEARING OFFICER ARMENDARIZ:** Yes, we can.

13 **MR. ROTA:** All right. Thanks. My name is Matt Rota.  
14 I am -- I work for Healthy Gulf, an environmental organization  
15 based in Louisiana, based in New Orleans.

16 And we would like to speak out against DNR taking  
17 over primacy of the CCS program Class VI wells. We will be  
18 submitting, and then our colleagues have sent lots of different  
19 letters. I know that EPA has heard overwhelmingly from  
20 community members in Louisiana and throughout the -- throughout  
21 Cancer Alley, throughout Southwest Louisiana about how people  
22 do not want CCS in Louisiana.

23 And even if we do have carbon capture sequestration  
24 here, that DNR -- the Department of Natural Resources in  
25 Louisiana is not prepared and will not do an adequate job to

1 protect communities from the risks that CCS presents.

2 This application often points towards the memorandum  
3 of understanding between EPA and DNR which devotes less than a  
4 page to environmental justice, claiming that that is enough to  
5 protect communities, especially communities of color and  
6 communities that are already at overwhelming risk of chemical  
7 pollution in Louisiana.

8 This MOA is wholly inadequate to ensure environmental  
9 justice. While they talk about increasing public comments,  
10 there is actually nothing in that -- anything in that MOA that  
11 will do anything to actually ensure environmental justice. It  
12 talks about having more meetings, but it does not talk about  
13 what DNR and what EPA will do with the results of those  
14 meetings.

15 If a community is overwhelmingly against having a  
16 Class VI well in their communities, there's nothing saying that  
17 they can speak out against it, and then DNR will approve it  
18 anyway. And as the permittee will get what they want because  
19 DNR's job is to grant permits. And they will continue to do  
20 so.

21 Mitigation is mentioned, but mitigation should be a  
22 last resort that there is -- I can't see an incidence where DNR  
23 will actually disapprove a Class VI well, or any kind of well  
24 in a community due to environmental justice concerns. And  
25 that's backed up by DNR's own statements.

1           They have publicly stated that they cannot  
2 incorporate environmental justice into regulatory decisions  
3 unless statutorily their responsibilities are changed. This  
4 application does not change any statutes. Therefore, DNR has  
5 claimed that they cannot incorporate environmental justice.  
6 And that is not adequate; that does not support the Biden  
7 administration's statements on environmental justice. This  
8 does not support EPA's statements on environmental justice, and  
9 does not support the communities that are already over-impacted  
10 by environmental injustice and pollution.

11           This also -- we don't feel that the drinking water  
12 issues are adequately addressed in this application. And,  
13 therefore, EPA should not be granting primacy to DNR. Jo  
14 Banner, Wilma Subra, just today spoke out very eloquently on  
15 many reasons. We'll be submitting in more comments before the  
16 comment deadline. And I know that you all have gotten many --  
17 probably hundreds, if not thousands, of comments requesting a  
18 comment period extension. And so, we are also asking the EPA  
19 to extend the comments because we have -- Louisiana has  
20 thousands of wells. And Louisiana doesn't need any more.

21           **HEARING OFFICER ARMENDARIZ:** Thank you, Mr. Rota.

22           **MR. ROTA:** So I appreciate your time and have a good  
23 day.

24           **HEARING OFFICER ARMENDARIZ:** Thank you, Mr. Rota.

25           Gail LeBoeuf (phonetic)? Gail LeBoeuf?

1 Myrtle Felton?

2 Grace Treffinger?

3 Eloise Reid?

4 **MS. REID:** Hello. Can you hear me okay?

5 **HEARING OFFICER ARMENDARIZ:** Hello, Ms. Reid. We can  
6 hear you, Ms. Reid. Whenever you're ready. Okay?

7 **MS. REID:** Okay. Thank you.

8 Hi. My name is Eloise MacMillan Reid, for the  
9 record. Thank you for having us this evening, as we're adding  
10 another hearing. Although I know many people and organizations  
11 have requested an extension of the comment period, and I hope  
12 you're considering that request.

13 I'm speaking on behalf of the Louisiana Against False  
14 Solutions Coalition and as a resident of Louisiana. I want to  
15 clarify that as the Environmental Protection Agency, you are  
16 meant to protect the environment. Right? I listened to every  
17 day of the last three days of hearings, and it was hard for me  
18 to understand that the EPA was sitting, listening to supporters  
19 and lobbyists for the oil and gas industry when you know that  
20 the oil and gas industry actively pollutes the environment and  
21 is causing the climate destruction and environmental racism  
22 across the country, and especially here in Louisiana, home to  
23 Cancer Alley.

24 The oil and gas industry is also the only one telling  
25 you that carbon capture is the way forward, when so many

1 Louisianans that you've heard today are telling you we do not  
2 want carbon capture in our state. We're trying to live in  
3 Louisiana. We're just trying to have a future for our  
4 children. We're trying to have a future for ourselves.

5 We want insurance on our homes. And why can't we get  
6 insurance? That's because of climate change, increased risks  
7 of hurricanes, floods, natural disasters. And we know they're  
8 not actually natural. We know that they're actually caused by  
9 the oil and gas industry.

10 I'm going to skip ahead. I've been lucky enough to  
11 live in a lot of places. I've lived in Louisiana for ten  
12 years, and I am grateful to be here. The people in Louisiana  
13 are not like anyone else. It's true. This is a culture that  
14 you cannot replace. If we lose our land due to carbon  
15 injection wells and land loss, we will be displaced. And you  
16 cannot replace Louisiana.

17 It's clear to me that every single person who has  
18 spoken, whether they are for or against carbon capture, loves  
19 Louisiana. I hope those listening will take a second to  
20 imagine a future for Louisiana that does not rely on a toxic  
21 industry to survive. We can and will transition to a just  
22 future, and we do not need to continue to inhale toxic fumes  
23 and lies of the oil and gas industry any longer.

24 We don't need carbon capture in our state and we  
25 deserve so much better. This is an emotional topic because

1 people are asking you to let them live their lives and live  
2 their truth and live out who they are. If you permit primacy  
3 to LDNR, it really is a death sentence for Louisiana.

4 If and when CO2 at such highly pressurized rates  
5 escapes, it's an asphyxiant. It will displace oxygen, and you  
6 cannot breathe. As we've seen in Satartia, Mississippi and in  
7 other locations, first responders and ambulances cannot get to  
8 you. As you heard, LDNR is an understaff agency and they cave  
9 at any chance they can to the oil and gas industry, and they  
10 don't regulate them.

11 Please do not let them have control over primacy and  
12 permitting for the wells for this toxic waste in Louisiana.  
13 We're fighting enough in the state already. This is not okay.  
14 It should not happen here, and it should not happen anywhere.  
15 If it doesn't happen in Louisiana, it might not happen in other  
16 places.

17 Please do not use Louisiana again as a testing  
18 ground. For the hundredth time, people are sick, they're  
19 dying. We've seen the results of the tests, and LDNR has  
20 failed. We need clean and renewable energy with no pollution.  
21 We do not need a false solution.

22 I'll be submitting more comments on behalf of the  
23 organization and myself. And thank you for your time.

24 **HEARING OFFICER ARMENDARIZ:** Thank you, Ms. Reid.

25 Vickie Boothe? Ms. Boothe, give us one second, one,

1 so we can reset the clock. Okay. Ms. Boothe, whenever you're  
2 ready. Okay?

3 **MS. BOOTHE:** Okay. Can you hear me?

4 **HEARING OFFICER ARMENDARIZ:** We can hear you.

5 **MS. BOOTHE:** Oh, excellent. Good evening. My name  
6 is Vickie Boothe. That's V-I-C-K-I-E, B-O-O-T-H-E. (Audio  
7 disruption) 2009. My professional experience includes 14 years  
8 of service as an EPA environmental engineer, followed by 19  
9 years at CDC as an environmental engineer and epidemiologist.

10 My comments today relate to Louisiana's statutory  
11 authority and ability to administer a Class VI primacy program.  
12 As required by 40 CFR, Section 145, Louisiana's attorney  
13 general submitted a February 10, 2021, letter to EPA affirming,  
14 quote, "The Louisiana Department of Natural Resources, Office  
15 of Conservation, has the adequate authority to carry out the  
16 program set forth in the program description. That submitted  
17 program description commits the LDNR to implement multiple  
18 environmental justice-related requirements, including requiring  
19 permit applicants to conduct an EJ review and submit a report  
20 conducting inhouse EJ screening reviews, followed by contracted  
21 qualified third-party evaluations where EJ issues are  
22 identified, and subsequently requiring applicants to propose  
23 mitigating measures and assess alternative site locations."

24 The legal authority described in the February 2021st  
25 statement was subsequently contradicted by an LDNR senior staff

1 presentation on carbon sequestration given at a 2022 pipeline  
2 safety conference. Specifically, Bullet 3 on Slide 24 states,  
3 quote, "LDNR currently lacks statutory authority to make the  
4 results of an EJ review part of the actual permit decision."

5 Further, in his recently filed lawsuit against EPA,  
6 Louisiana's attorney general asserted his belief that LA --  
7 Louisiana residents are not protected on the basis of race,  
8 color, or national origin from disparate impacts created by  
9 state government policies or permitting decisions.

10 He also characterized predecisional EJ and disparate  
11 impact review (audio disruption) the last three years (audio  
12 disruption) the LA attorney general seems -- deems illegal not  
13 only seems antithetical --

14 **HEARING OFFICER ARMENDARIZ:** Ms. Boothe?

15 **MS. BOOTHE:** Yes. For those reasons, I -- for those  
16 reasons, I urge EPA to reconsider its recent decision.

17 **HEARING OFFICER ARMENDARIZ:** Thank you, Ms. Boothe.

18 **MS. BOOTHE:** Thank you.

19 **HEARING OFFICER ARMENDARIZ:** Lucia (phonetic) Jones?

20 D.K. Willard?

21 Kathy Johnson?

22 Okay. Who -- I see somebody with a telephone number.  
23 Who is that, please? Did you unmute? We cannot hear you.

24 **MR. USSERY:** So I'm unable to advance them to a  
25 presenter. I'm guessing it's because they're on a telephone.



1 Sir or Madam, is there any way you could hop on a  
2 computer or maybe join through your phone, one of like the  
3 Teams app?

4 **HEARING OFFICER ARMENDARIZ:** The last person that I  
5 called was D.K. Willard or Lucia Jones. So it might be either  
6 one of those two.

7 Okay. Let's move forward. Kathy Johnson?

8 Shayne Benedetto?

9 Russel Honore?

10 Barbara Washington? Ms. Washington, I see you  
11 raising your hand. Can you hear me? Are you muted?

12 **MR. USSERY:** Ms. Washington, you should be able to  
13 unmute your mic.

14 **HEARING OFFICER ARMENDARIZ:** Ms. Washington, we still  
15 can't hear you.

16 **MS. WASHINGTON:** Can you hear me now?

17 **MR. USSERY:** Oh, okay.

18 **HEARING OFFICER ARMENDARIZ:** Oh, there we go, ma'am.  
19 Whenever you're ready.

20 **MS. WASHINGTON:** Okay. Good afternoon. My name is  
21 Barbara Washington, B-A-R-B-A-R-A, W-A-S-H-I-N-G-T-O-N. And I  
22 reside in Saint James Parish in Convent, Louisiana. I am the  
23 co-founder and co-author of Inclusive Louisiana. I'm  
24 surrounded by petrochemical plants, sugarcane, and other  
25 industrial facilities that produce toxic cancer-causing

1 pollutants and particulate matter.

2 I am saying no to the application to permit carbon  
3 dioxide waste injection in Louisiana. My neighbors and I have  
4 been experiencing headaches, nausea, chronic coughs, and  
5 respiratory problems. I have seen so many of my loved ones and  
6 friends die from cancer, and are suffering with cancer at this  
7 time.

8 Our homes are being corroded from the chemicals like  
9 hydrogen sulfide and sulfuric acid mist. Our health is failing,  
10 and so many of our families and friends have died from cancer.

11 We have been poisoned by the releasing of unpermitted  
12 hydrogen sulfide and sulfuric acid mist, and just getting a  
13 slap on the hand by the people -- the facilities in fines. We  
14 know that carbon dioxide is hazardous and displaces oxygen in  
15 the air that we need to breathe.

16 We have 17 industrial plants that produce cancer-  
17 causing pollutants. We have pipelines running all throughout  
18 our properties and carbon dioxide corrosion can break down the  
19 metals in pipelines and containers, and they leak out carbon  
20 contamination to our drinking water.

21 The oil and gas companies have shifted the liability  
22 to the people of Louisiana for these damages caused by carbon  
23 dioxide waste injection. And this new law is in conflict with  
24 EPA's federal requirements.

25 The Louisiana Department of Natural Resources have a

1 regular failure to regulate oil and gas wells. I am saying no  
2 to carbon dioxide waste injection in Louisiana. We deserve to  
3 have clean air, water, and soil. Thank you for listening.

4 **HEARING OFFICER ARMENDARIZ:** Thank you, Ms.  
5 Washington.

6 **MS. WASHINGTON:** You're welcome.

7 **HEARING OFFICER ARMENDARIZ:** Myrtle Felton?  
8 Daniel Zollinger? Whenever you're ready.

9 **MR. ZOLLINGER:** Hello. My name is Daniel Zollinger,  
10 and I'm a chemical engineer for Monroe, Louisiana. Even as the  
11 energy market changes across the country, the need for  
12 traditional energy forms remains high. Focusing on updating  
13 our energy economy for the future should be the primary focus  
14 of our state.

15 Nobody is better prepared to do this than our leaders  
16 in Baton Rouge. That is why the EPA must grant Louisiana  
17 primacy over Class VI injection wells. Doing so will allow the  
18 continuation of critical energy projects, keeping our  
19 environment protected while ensuring the oil and gas industry  
20 remains strong in our state. This is a win for our economy and  
21 a win for the people of Louisiana. Thank you.

22 **HEARING OFFICER ARMENDARIZ:** Thank you, sir.

23 Ainsley Nelson?

24 Jacquelyn Germany?

25 Cashona Lavergne?

1 DeShae Campbell? Whenever you're ready. I think you  
2 need to unmute your mic.

3 **MS. CAMPBELL:** Oh, hello. Hi. I'm DeShae Campbell,  
4 D-E-S-H-A-E, C-A-M-P-B-E-L-L, from Saint Amant, Louisiana.

5 The oil and gas industry has provided stable high-  
6 paying jobs for generations of Louisiana families. We depend  
7 on it for their homes and livelihoods. It's crucial to keep  
8 the industry strong for future generations to enjoy its  
9 benefits.

10 It's also important for everyone, including the EPA,  
11 to recognize that we have a history of maintaining high  
12 standards in the industry. Granting primacy to local leaders  
13 will help them ensure the industry's strength. These experts  
14 have played a key role in its success. Primacy will protect  
15 jobs, meet the growing energy demands of the United States, and  
16 safeguard the environment.

17 Thank you for giving me the opportunity to share my  
18 thoughts.

19 **HEARING OFFICER ARMENDARIZ:** Thank you, Ms. Campbell.

20 Okay. We're going to go back to the list to see if  
21 people came in late. Johnny Gamble?

22 Samuel Remchuk?

23 Gail LeBoeuf?

24 Myrtle Felton?

25 Grace Treffinger?

1 Lucia Jones?

2 D.K. Willard?

3 Kathy Johnson?

4 Shayne Benedetto?

5 Russel Honore?

6 Myrtle Felton?

7 Ainsley Nelson?

8 Jacquelyn Germany?

9 Cashona Lavergne?

10 At this time we're going to ask anybody who is in  
11 this virtual screen, who would like to make a statement at this  
12 time, to just please go ahead and raise your hand so that we  
13 can unmute you.

14 Okay. It looks like there's Connie Fink.

15 **MS. COLOGERO:** My name is Glenda Cologero, G-L-E-N-D-  
16 A. I'm on the computer of Connie Fink, but we are together,  
17 and I'm speaking on her behalf. So it's G-L-E-N-D-A-, C-O-L-O-  
18 G-E-R-O. I'm a Louisiana resident in Tangipahoa Parish.

19 I'm not here to -- I do not want to discuss with you  
20 the merits of this particular problem -- it's more the history  
21 of Louisiana. We've had to where they've gone in and they've  
22 timbered to where we have brackish water, unable to put in  
23 cypress trees. They just do millions of dollars of research of  
24 how we can fix this.

25 We have -- well, the reason we have Cancer Alley is

1 they've allowed chemical plants to come in unabated. I'm  
2 hearing people talking and saying that the oil and gas industry  
3 is what's important -- not the environment, not people's  
4 health, but the oil and gas industry seems to be at the  
5 forefront.

6 I look and I say, "Okay. You look, and the next  
7 thing you know, you see that we've had the oil spill in the  
8 Gulf. Then we have Katrina. Katrina was devastating, but the  
9 fact that the -- that we flooded was not Katrina; it was  
10 because the Corps of Engineers did not put the levees down to  
11 the specs that they had said."

12 So I look and I say, "You're saying that Louisiana is  
13 able to govern themselves on this." I don't see that. We have  
14 a history showing we cannot. And I don't see how the EPA can  
15 look the other way and allow this to happen when over and over  
16 and over again, Louisiana has shown that they do not have the  
17 ability to govern themselves in this area. Thank you.

18 **HEARING OFFICER ARMENDARIZ:** Thank you.

19 Is there anybody else who wishes to speak at this  
20 time? Anyone else?

21 Okay. It looks like we ran out of speakers at this  
22 moment, so we're going to go ahead and go off the record until  
23 somebody comes forward, wants to make a comment. In the  
24 meantime, you're more than welcome to stay online. But for  
25 now, we're just going to wait until somebody else comes

1 forward. We are open and will be open until 8 p.m. So if  
2 anybody comes in within that time and wants to give a  
3 statement, we will hear them.

4 Okay. Thank you for now. And we're off the record  
5 for now.

6 **(WHEREUPON, a recess was taken.)**

7 **HEARING OFFICER ARMENDARIZ:** Do we have a Martha  
8 Camacho Rodriguez? Ms. Rodriguez?

9 Then again, Mr. Felton? Mr. Felton?

10 Is there anybody in the group that has not given a  
11 statement, that would like to give a statement?

12 Okay. We'll be off the record then. Thank you.

13 **(WHEREUPON, a recess was taken.)**

14 **HEARING OFFICER ARMENDARIZ:** Okay. Do we have  
15 another speaker?

16 **MS. FINK:** Hello?

17 **HEARING OFFICER ARMENDARIZ:** Yes.

18 **MS. FINK:** Hi. This is Connie Fink. Hi.

19 **HEARING OFFICER ARMENDARIZ:** Give me one second,  
20 Connie. Let us go ahead and put the timer on. Give me one  
21 second, ma'am. Okay? Okay. When you're ready, ma'am.

22 **MS. FINK:** I'm sorry. My wife spoke for me earlier.  
23 I actually submitted both of us to speak. It's Connie, C-O-N-  
24 N-I-E, Fink, F-I-N-K. And I just wanted to say I'm against the  
25 CO2 capture into Lake Maurepas. I've watched Lake Maurepas

1 just become deforested since my childhood, and been elated that  
2 the trees are starting to come back.

3           There was a snowy white egret colony that I was  
4 watching for quite a while, watching it grow, right off the  
5 side of I-55. And since, I've not maybe seen or two of the  
6 egrets since all the destruction has began in Lake Maurepas.

7           Also, I used to see a lot of pelicans in the lake. I  
8 do a lot of kayaking on Lake Maurepas. I don't see the  
9 pelicans anymore. The environment, it's just a change, as far  
10 as the heat, when you're crossing over I- 55, for years we've  
11 hoped that it would be replanted and we could see the giant  
12 cypress trees again. And I'm losing all hope of that, and  
13 losing a lot of sleep over it, too. I guess, there's a lot of  
14 psychosocial element going on when you destroy people's  
15 environments.

16           Kudos to Ms. Barbara Washington for hanging in there,  
17 after watching the destruction of her -- where she grew up and  
18 her neighborhood. And her friends are sick with cancer.

19           I'm also in the medical field, and I've seen the  
20 decline in health. I'm a respiratory therapist, 30 years. I  
21 was a medic in the Army when I was 18 years old. And I've  
22 watched the increase in asthma, emphysema, bronchitis.  
23 People's immune systems are weaker. I traveled to Montana.  
24 Spent time in a national park, an 80-year-old from Montana will  
25 buzz right by the 60-year- old Louisianan. It's not good for



1 us.

2 People talk about jobs. Plenty of help wanted signs.  
3 I know plenty of chemical plant workers who are working  
4 overtime and working so much overtime that I have a fear that  
5 maybe they're not able to do what they're supposed to do.

6 I lived through the oil spill. We used to supplement  
7 our protein with lots of fish. I watched the red fish  
8 collapse. I've watched the media in New York saying people are  
9 fishing in the State of Louisiana, talking about how great the  
10 red fish came back. Well, that's fine and good, you pay \$500  
11 when you go out with a boat captain who has stocked an area for  
12 you to catch red fish in. But for me to just launch my kayak  
13 and into the meadow and catch a couple of red fish, it's not  
14 going to happen.

15 I really hope the EPA protects us. I hope they  
16 protect us for my grandchildren's sake, my wife's sake -- she's  
17 ready to flee back to Virginia, and just the health of this  
18 state. We've given enough. We have done our share for this  
19 country. We have paid the price. Please make it stop now.  
20 Protect us. We are paying for protection. Thank you.

21 **HEARING OFFICER ARMENDARIZ:** Thank you, Ms. Fink.

22 **MS. FINK:** Thank you.

23 **HEARING OFFICER ARMENDARIZ:** It looks like Grace  
24 Treffinger has -- is ready to speak.

25 **MS. TREFFINGER:** Hello. Good afternoon. Yes. My

1 name is Grace Treffinger, that's T-R-E-F-F-I-N-G-E-R. I am a  
2 lifelong resident of Louisiana, and I also work for Taproot  
3 Earth, a climate justice organization that is based in  
4 Louisiana.

5 I am making comment today to urge the EPA to withdraw  
6 the proposed approval of the Louisiana Department of Natural  
7 Resources application for primacy for many, many reasons that  
8 others have stated today and last week.

9 I grew up in Louisiana and I plan to stay here for  
10 the rest of my life, but I am deeply concerned with the way  
11 things are going, as far as how our state agencies are managing  
12 or mismanaging their responsibility to our people and our  
13 planet.

14 As many have already mentioned, LDNR and LDEQ have  
15 extremely poor track records of protecting Louisiana's people  
16 and environment. There are many, many examples of  
17 noncompliance and nonenforcement. And the extent to which this  
18 carbon capture and sequestration pipeline buildout is being  
19 proposed across the state is extremely beyond the capacity of  
20 such an underfunded and understaffed agency that already has a  
21 track record of not being able to manage the existing mandate  
22 to regulate our existing oil and gas wells.

23 I understand the fear that many are coming into this  
24 with of these industries leaving our state, but as the previous  
25 person who commented mentioned, we have paid enough. The

1 people of Louisiana are already struggling from this industry  
2 that is inevitably leaving and is inevitably going to be  
3 closing down. And the carbon capture and sequestration  
4 buildout is extremely -- if it is poorly managed, which we are  
5 guaranteeing by allowing primacy to LDNR, it will be  
6 devastating to the people of Louisiana and our environment.

7 As I think was mentioned last week, in 2020 a carbon  
8 dioxide pipeline ruptured in the community of Satartia,  
9 Mississippi. And one thing that's incredibly important to  
10 mention here is that the emergency management personnel did not  
11 even know that this pipeline existed underneath their community  
12 and, therefore, it took hours to identify the source of the  
13 leak and they were not prepared to manage a carbon dioxide  
14 pipeline rupture.

15 And, though, thankfully, there were no fatalities  
16 from this rupture, there have been long-term health impacts to  
17 the community members who were essentially, poisoned by  
18 excessive amounts of carbon dioxide, including long-term -- you  
19 know, all sorts of long-term health impacts and loss of the  
20 ability to continue working in their jobs.

21 The rubber stamping that would inevitably happen if  
22 the Louisiana Department of Natural Resources was granted  
23 primacy, would put Louisianans at great risk. And I am urging  
24 EPA to withdraw this proposed approval. Thank you.

25 **HEARING OFFICER ARMENDARIZ:** Thank you.

1 At this moment, is there anybody else that hasn't had  
2 a chance to give a statement -- wants to give a statement now?  
3 Do I have a hand raised?

4 **MR. USSERY:** Carolyn, you should be able to unmute  
5 your mic now.

6 **MS. RAFFENSPERGER:** Is that -- am I on now?

7 **HEARING OFFICER ARMENDARIZ:** Yes.

8 **MS. RAFFENSPERGER:** Thank you. My name is Carolyn  
9 Raffensperger. I'm the executive director of the Science and  
10 Environmental Health Network. And I urge you not to grant  
11 primacy to Louisiana for the following reasons.

12 Carbon capture and storage is uniquely technically  
13 complex and it is uniquely regulatorily complex. The kind of  
14 regulations that are necessary for the capture part, for the  
15 pipeline part, and then for the sequestration for use enhanced  
16 oil recovery processes are very, very complex technically.  
17 They don't all fit together at this point, in terms of the  
18 regulations.

19 So, for example, PHMSA is currently drafting  
20 regulations for CO2 pipelines. We have no cradle to grave  
21 manifests for CO2 from the point at which it is captured and  
22 put into a pipeline through to where it is sequestered.

23 We've had fraud already with the CO2 pipelines, given  
24 the different reporting of companies to the IRS, much less EPA.  
25 And the discrepancy and the lack of any kind of manifest --

1 hazardous waste manifest or cradle to grave verification in  
2 reporting means that more fraud is likely.

3 So when we come to the capture part, we've already  
4 got this fragmented regulatory landscape. And granting primacy  
5 to states means that it will become even more fragmented. With  
6 states who are overwhelmed with their existing  
7 responsibilities, now taking on something that is  
8 extraordinarily hazardous.

9 CO2 is not like any other material. It is an  
10 asphyxiant. It is toxic. It can kill you. You can't see it.  
11 You can't -- you can't smell it. And all of this means that we  
12 need to put in place a much more robust regulatory system to  
13 manage this.

14 Primacy is the wrong direction. We should not be  
15 increasing the fragmentation of carbon capture and storage with  
16 the regulations. We need a comprehensive system that protects  
17 public health and safety, protects the environment, and does  
18 not lend itself to fraud using public money, given the 45Q tax  
19 credits. All in all, primacy must be denied. Thank you.

20 **HEARING OFFICER ARMENDARIZ:** Thank you.

21 Anyone else who hasn't given a statement? Anyone  
22 else at this moment?

23 Okay. We're going to go off the record for a while  
24 until we get a new speaker.

25 **(WHEREUPON, a recess was taken.)**

1           **HEARING OFFICER ARMENDARIZ:** Tommy Johnson? Mr.  
2 Johnson, are you here to give a statement? Mr. Tommy Johnson?

3           **MR. JOHNSON:** No, sir. I'm just -- I'm just here to  
4 listen. Thank you.

5           **HEARING OFFICER ARMENDARIZ:** Okay. You're welcome,  
6 sir.

7           Off the record, please.

8           **(WHEREUPON, a recess was taken.)**

9           **HEARING OFFICER ARMENDARIZ:** It appears that Ms.  
10 Kathy Johnson just joined us. Ms. Johnson, can you hear me?

11          **MS. JOHNSON:** Can you hear me?

12          **HEARING OFFICER ARMENDARIZ:** Yes, I can, ma'am. Are  
13 you here to make a statement?

14          **MS. JOHNSON:** I am. I am.

15          **HEARING OFFICER ARMENDARIZ:** Okay. All right. Give  
16 me one second. Keep in mind you have three minutes to give  
17 your statement. Okay?

18          **MS. JOHNSON:** Yes, sir.

19          **HEARING OFFICER ARMENDARIZ:** All right. When you're  
20 ready.

21          **MS. JOHNSON:** All right. My statement is -- hello.  
22 My name is Kathy Johnson. I'm from Monroe, Louisiana.

23                 Over the past few years, it's become evident that  
24 Louisiana knows what's best for itself. We are highly regarded  
25 for overseeing our energy industry at the state level. The

1 Louisiana Department of Natural Resources has shown that it is  
2 capable of handling this responsibility.

3 It's now the right time to give DNR complete  
4 authority over our state's energy industry, specifically, Class  
5 VI wells. This will allow them to closely monitor and manage  
6 these wells at a local level, which will further enhance  
7 Louisiana's position as a leader in producing and distributing  
8 energy in the United States. That is my statement.

9 **HEARING OFFICER ARMENDARIZ:** Thank you, Ms. Johnson.

10 **MS. JOHNSON:** Thank you.

11 **HEARING OFFICER ARMENDARIZ:** Anybody else who we  
12 missed?

13 Okay. We'll be off the record.

14 **(WHEREUPON, a recess was taken.)**

15 **HEARING OFFICER ARMENDARIZ:** We have a D.K. Willard.  
16 Mr. Willard, can you hear me?

17 **MR. WILLARD:** How about now, Mr. Armendariz?

18 **HEARING OFFICER ARMENDARIZ:** I can hear you now, sir.  
19 So whenever you're ready. Okay?

20 **MR. WILLARD:** Okay. Thank you.

21 Hi. My name is D.K. Willard, W-I-L-L-A-R-D. I'm an  
22 engineer from Sterlington, Louisiana. I've got over 20 years  
23 of experience in the oil and gas industry and I understand the  
24 importance of it to our state.

25 The oil and gas industry provides stable and high-

1 paying jobs to thousands of Louisianans across several  
2 generations. Families rely on the industry to build their  
3 homes and their lives. It's important that the industry  
4 remains strong and allows future generations to enjoy the  
5 benefits. And it's also important that the EPA understands  
6 that we have a history of maintaining strong standards to  
7 protect the environment. That's why it's been around so long.

8 The granting of primacy will allow local leaders to  
9 ensure the industry will remain strong -- the same experts who  
10 have helped the industry flourish. Primacy will protect  
11 thousands of jobs and allow our state to continue to meet the  
12 growing energy demands of the United States, while protecting  
13 the environment.

14 This industry is important to Louisiana, the  
15 environment is important to Louisiana, and they can flourish  
16 together. Thank you and thank you for putting this together.

17 **HEARING OFFICER ARMENDARIZ:** Thank you, Mr. Willard.

18 Anybody else at this time? Okay. We'll be off the  
19 record. Thank you.

20 **(WHEREUPON, a recess was taken.)**

21 **HEARING OFFICER ARMENDARIZ:** Do we have a Lisa  
22 Cothorn? Lisa Cothorn? I think you need to unmute. We cannot  
23 hear you.

24 Is there anybody else who wants to give a statement  
25 at this moment, raise your hand, please? Okay. We'll go off



1 the record for now. Thank you.

2 **(WHEREUPON, a recess was taken.)**

3 **HEARING OFFICER ARMENDARIZ:** I see an Errin Kent.

4 Errin Kent, are you here to make a statement?

5 **THE REPORTER:** Can you hear me?

6 **HEARING OFFICER ARMENDARIZ:** Errin Kent -- or you're  
7 just an observer?

8 Okay. Off the record, please.

9 **(WHEREUPON, a recess was taken.)**

10 **HEARING OFFICER ARMENDARIZ:** Back on the record,  
11 please. 985 -- okay. If you're calling by phone, please note  
12 that we cannot take your statement over Teams. So please try  
13 to connect via your phone or please get to a computer to reach  
14 us. But we're not going to be able to take your statement or  
15 your comments if you're calling in by phone. We apologize for  
16 that.

17 **MR. USSERY:** Armando, I may have figured it out.

18 **HEARING OFFICER ARMENDARIZ:** Okay.

19 **MR. USSERY:** For the person who's getting on the  
20 phone, could you try your audio real quick?

21 **MS. COTHERN:** Are you referring to me?

22 **MR. USSERY:** Yes.

23 **HEARING OFFICER ARMENDARIZ:** Are you giving a  
24 statement, ma'am?

25 **MS. COTHERN:** I'm sorry. Repeat that.

1 **HEARING OFFICER ARMENDARIZ:** Are you giving a  
2 statement, a comment?

3 **MS. COTHERN:** Yes. Yes, I would like to. Yes.

4 **HEARING OFFICER ARMENDARIZ:** Okay. Go ahead and  
5 spell your name for us. And please note, you have three  
6 minutes.

7 **MS. COTHERN:** Okay. My name is Lisa, L-I-S-A,  
8 Cothern, C-O-T-H-E-R-N. My address is 32011 Tiboe Plaza,  
9 Springfield, Louisiana. I am a lifelong resident of the  
10 Springfield, Louisiana area, four generations deep here. And I  
11 am calling to express my concerns, also calling to let everyone  
12 know on this committee that this is not something that is going  
13 to be allowed by the people. We do have our rights.

14 I do know that this is under the federal government,  
15 and these things are being approved by wildlife and fisheries;  
16 however, because I am a citizen of Springfield, Louisiana, I  
17 hold several unalienable rights that these permits do not  
18 supersede.

19 This is something that's going to destroy my  
20 community, and I am calling to say this will not be allowed.

21 **HEARING OFFICER ARMENDARIZ:** Is that the end of your  
22 statement, Ms. Cothern?

23 **MS. COTHERN:** Well, yeah, I would like -- I would  
24 like to hear back from you. This isn't a -- there is not a  
25 citizen in this area that has agreed to allow this to happen.

1 And this won't happen. I don't know what your -- what's your  
2 power that supersedes my power to say that it will be allowed,  
3 but my power comes through the Creator. My power comes through  
4 the Constitution. My power comes through the Bill of Rights.  
5 And you do not supersede that. You do not supersede the powers  
6 of the Creator.

7 **HEARING OFFICER ARMENDARIZ:** Thank you, Ms. Cothorn,  
8 for that. Unfortunately, on my opening statement, one of the  
9 statements I made was that we were not going to answer any  
10 questions from the public.

11 **MS. COTHERN:** Uh-huh.

12 **HEARING OFFICER ARMENDARIZ:** Instead, what's going to  
13 happen is your statement will be recorded by the court  
14 reporter, and it will be answered through the register, along  
15 with the EPA's final decision. But we're not taking any  
16 questions from the public at this moment. Okay? We're only  
17 recording statements.

18 **MS. COTHERN:** Okay. And that is my statement for  
19 each one of you to be aware that you're put on notice that this  
20 proceeding will not take place.

21 **HEARING OFFICER ARMENDARIZ:** Okay, ma'am. Thank you.

22 **MS. COTHERN:** Uh-huh.

23 **HEARING OFFICER ARMENDARIZ:** Okay. Anybody else at  
24 this time? Okay. We're going to go off the record until we  
25 get a new speaker. Thank you.

1 (WHEREUPON, a recess was taken.)

2 HEARING OFFICER ARMENDARIZ: Do we have a Myrtle  
3 Felton? Myrtle Felton? Okay. It looks like we lost her.

4 MR. KIRKLAND: Myrtle Felton is still there. Myrtle  
5 Felton just needs to unmute.

6 MR. USSERY: Yeah. I made her a presenter.

7 HEARING OFFICER ARMENDARIZ: Okay. Good deal.  
8 Myrtle, do you want to unmute your phone -- or, I mean, your  
9 computer? Myrtle Felton, can you hear us?

10 MS. FELTON: Hello.

11 HEARING OFFICER ARMENDARIZ: Yes. We can hear you  
12 now, ma'am. Are you going to give a statement?

13 MS. FELTON: Yes.

14 HEARING OFFICER ARMENDARIZ: Okay. Whenever you're  
15 ready. Okay?

16 MS. FELTON: Okay. My name is Myrtle Felton, M-Y-R-  
17 T-L-E, F-E-L-T-O-N. And I am director and a founder of  
18 Inclusive Louisiana. And I'm here to share my opinion about  
19 the carbon capture.

20 I don't think we need any more projects like that  
21 because it is very dangerous. We have enough industry in the  
22 area and enough pollution. And when you live on a fence line,  
23 you know as a fact that you have enough because your body tells  
24 you -- sends you different signals where you stay sick and your  
25 body hurts.

1           There's too many people around here that's dying of  
2 cancer. As a matter of fact, I lost four of my family members  
3 in three months' time, and one of those members was my husband.  
4 And that is the worst thing that you could ever do is lose -- I  
5 lost four at one time. So I feel the effects up until today.

6           We don't need any more pollution in the area. We  
7 don't need carbon capture because they are not protecting us  
8 from the pollution. And when you live on a fence line, it is  
9 very dangerous. You have to cut your life short. There's a  
10 lot of things that you would like to do that you cannot do  
11 anymore because of the pollution. And we can't seem to get  
12 them to lower the pollution level for us to survive. And I  
13 don't think it's fair.

14           So that's all I have to say. I'm not in favor of  
15 carbon capture. And I'm not in favor of being on the fence  
16 line without protection.

17           **HEARING OFFICER ARMENDARIZ:** Thank you, ma'am.

18           **MS. FELTON:** Thank you.

19           **HEARING OFFICER ARMENDARIZ:** Okay. Anyone else?

20 Okay. Off the record, please.

21           **(WHEREUPON, a recess was taken.)**

22           **HEARING OFFICER ARMENDARIZ:** Do we have a Cashona  
23 Lavergne? Ms. Lavergne, can you unmute your microphone, ma'am?

24           **MS. LAVERGNE:** Can you hear me now?

25           **HEARING OFFICER ARMENDARIZ:** I can hear you now,

1 ma'am.

2 **MS. LAVERGNE:** All right.

3 **HEARING OFFICER ARMENDARIZ:** Whenever you're ready.

4 Okay?

5 **MS. LAVERGNE:** Okay. Thank you guys for hearing me.

6 Sorry about the connection issue early on. I appreciate you all  
7 hearing us out.

8 One, I am a hundred percent opposed to carbon dioxide  
9 waste injection here in Louisiana. There are a million things  
10 I can think of that Louisiana should aim to be at the forefront  
11 of. And unfortunately, this just isn't one of them.

12 And I have some reasons why. One, carbon dioxide  
13 itself is hazardous. I mean, this could further pollute our  
14 soil; it could lead to further pollution in our waterways;  
15 essentially being even hazardous to our individual health.

16 Additionally, scientists are still posit that the  
17 idea of carbon dioxide waste injection and its long- term  
18 effects on our community and the environment. The DNR also has  
19 a tarnished record, as we all are aware of. They already  
20 failed to protect certain communities, such as Grand Bayou and  
21 Bayou Corne area. I'd hate to see Baton Rouge or other  
22 surrounding areas to add to that list.

23 This can only lead to additional disturbances  
24 potentially in the fault line, and there are some other things  
25 that can potentially go into play here, especially when we're

1 dealing with such a topic or such a thing that no one can  
2 answer what happens five years down the road, ten years down  
3 the road, or 15 years down the road.

4 I just think this is something we should shy away  
5 from, at least until we know more about it, especially with  
6 Louisiana already being one of the main areas with all these  
7 different refineries, all of these different pollutants, all of  
8 these different things that we have here, that we already have  
9 to be so cautious about. Thank you.

10 **HEARING OFFICER ARMENDARIZ:** Thank you.

11 Okay. Off the record for now.

12 **(WHEREUPON, a recess was taken.)**

13 **HEARING OFFICER ARMENDARIZ:** Gail LeBoeuf?

14 **MS. LE BOEUF:** Hello.

15 **HEARING OFFICER ARMENDARIZ:** Hello.

16 **MS. LE BOEUF:** Yes. I'm on my phone. I'm not on my  
17 computer.

18 **HEARING OFFICER ARMENDARIZ:** Okay. That's okay,  
19 ma'am. We can hear you. So whenever you're ready to give your  
20 comment. Okay?

21 **MS. LE BOEUF:** Okay. Good evening, everyone. My  
22 name is Gail LeBoeuf. I'm a lifelong resident of Saint James  
23 Parish. And my name is spelled G-A-I-L, L-E, Capital B, O-E-U-  
24 F. I'm a founder and a director of Inclusive Louisiana.

25 We cannot have an increase of CO2 on top or below the

1 ground. With oil and gas pollution plants from Baton Rouge to  
2 New Orleans, lining the Mississippi River like the slave  
3 plantation did, causing the metropolitan city of pipelines  
4 under the ground.

5 Here in Saint James Parish, we have over 60 years of  
6 CO2 carbon dioxide, numerous carcinogens, particulate matter,  
7 PM 2.5 to PM 10. In particular, carbon in Saint James,  
8 Louisiana has been the killing fields for revenue that benefits  
9 the top 1 percent and causes our state to be dead last in  
10 stats. The top 1 percent does not live here. LDEQ does not  
11 protect the front line community. Therefore, we need the EPA  
12 to protect us from carbon capture and storage. That does not  
13 hold up to the hype. Carbon capture and storage is the  
14 continuation of pollution under the ground and thus causing  
15 mother earth to suffer, as well as the communities therein.

16 This is the conclusion of my statement.

17 **HEARING OFFICER ARMENDARIZ:** Thank you, Ms. LeBoeuf.

18 **MS. LE BOEUF:** Thank you.

19 **HEARING OFFICER ARMENDARIZ:** Off the record.

20 **(WHEREUPON, a recess was taken.)**

21 **HEARING OFFICER ARMENDARIZ:** We have somebody calling  
22 in by phone. Do you want to give a statement?

23 **MS. JACKSON:** Hi.

24 **HEARING OFFICER ARMENDARIZ:** You kind of cut off  
25 there at the end.



1           **MS. JACKSON:** This is Carolyn Jackson in Baton Rouge.  
2 I'm sorry. I just joined. My apologies. I'm not sure if you  
3 were addressing me, as far as someone just joining. I guess I  
4 just have a brief comment around our Louisiana Department of  
5 Natural Resources.

6           Our -- you know, and I apologize if this has already  
7 been said, but hopefully it will reiterate any colleague or  
8 community member who has already heard these. But the May 2023  
9 Louisiana Legislative Auditor's Report shows that our  
10 Department of Natural Resources did not have the capacity, nor  
11 the resources, to implement a lot of our current state and  
12 federal regulations. So I think many of us have concerns that  
13 they would not have the capacity to implement and regulate  
14 another permitting process, especially regulating something  
15 that's so untested and unproven with potential disastrous  
16 consequences.

17           That pretty much sums up my thoughts. So I  
18 appreciate the opportunity. Thank you.

19           **HEARING OFFICER ARMENDARIZ:** Thank you.

20           Off the record, please.

21           **(WHEREUPON, a recess was taken.)**

22           **HEARING OFFICER ARMENDARIZ:** Do we have a Roishetta  
23 Ozane? Roishetta Ozane. Ms. Ozane, if you can unmute  
24 yourself? Ms. Ozane, if you can unmute yourself?

25           **MR. USSERY:** We still cannot hear you.

1           **MS. REID:** Can you hear me? This is Eloise Reid.  
2 I'm sorry. I don't know why my mic is unable, but I'm --  
3 Roishetta can't hear you. And she said she can't unmute.

4           **HEARING OFFICER ARMENDARIZ:** Okay.

5           **MR. USSERY:** Well, then she is unmuted. Roishetta,  
6 can you try speaking for us real quick? No? Now we went mute  
7 again.

8           **HEARING OFFICER ARMENDARIZ:** Roishetta, can you hear  
9 us?

10           **MS. REID:** I'm sorry. I don't know why my mute is  
11 allowing my microphone, but I can call Roishetta -- this is  
12 Eloise Reid, but Roishetta and I could talk on the phone, if  
13 that's possible, and I can call her in? We don't have to do  
14 that. I don't know if that's against protocol, but she's  
15 texting me that she can't --

16           **HEARING OFFICER ARMENDARIZ:** No. As long as she  
17 gives her statement, she can. The issue is, if we can get her  
18 to speak within Teams so that the court reporter can capture  
19 her statement, that's the issue that I have. So if you want to  
20 try it, why not? If you can get her on your phone.

21           **MS. REID:** I'm trying right now. Thank you.

22           **HEARING OFFICER ARMENDARIZ:** Okay. Sure.

23           **MS. REID:** Okay. Can you guys hear? Here's  
24 Roishetta. Can you say --

25           **MS. OZANE:** Hi. This is Roishetta Ozane from

1 Louisiana. Can everybody hear me now?

2 **HEARING OFFICER ARMENDARIZ:** We can hear you now.

3 Whenever you're ready, so we can start your three- minute

4 statement. Okay. Go ahead.

5 **MS. OZANE:** Yes. I'm so sorry. So this is Roishetta

6 Ozane. I am from Southwest Louisiana. And I'm calling in

7 about why we don't want the carbon capture and storage in

8 Southwest Louisiana or anywhere in Louisiana.

9 First, because carbon dioxide is hazardous. Because

10 carbon dioxide waste injection increases the risk for corrosion

11 and can break down the metal in pipelines and containers and

12 leak out with the potential for contaminating the environment.

13 Carbon dioxide can also break down rocks underground

14 and, like an earthquake, cause things to shift aboveground.

15 Louisiana has numerous fault lines that increase the potential

16 for earthquake incidents occurring from carbon waste injection,

17 and also because of the abandoned oil and unplugged gas wells

18 can serve as straws for carbon dioxide to move upward to the

19 atmosphere and increase climate risks.

20 As a mom of six and, you know, some of my children

21 suffering from asthma and other skin conditions because of the

22 petrochemical facilities that are already in my community and

23 those that are proposed, I feel like this will increase waste,

24 particularly in low income, black indigenous people of color

25 communities where we are already overburdened by so much

1 polluting infrastructure.

2 I recently had one of my children -- my 17-year-old  
3 son who was very healthy -- Louisiana is a sportsmen's  
4 paradise. We are used to going and cheering for sports teams  
5 on Friday nights. My son plays football and has played  
6 football since a little boy. A healthy, 17-year-old boy who  
7 loves to go fishing, a couple of weeks ago was driving home and  
8 had a seizure near industries, and there is nothing that the  
9 doctors can pinpoint that caused him to have five seizures  
10 while he was driving, and after completely totaling my car.

11 He is fine, thank God. The car is totaled. But he  
12 is alive, and they still haven't been able to give me the  
13 reason that he had those seizures near those industries that  
14 flare and have chemical releases often.

15 So that has caused me to continue my fight for  
16 environmental justice and continue to say that we don't need  
17 these things in our community, or we don't know what they  
18 release, what health hazards we are being subjected to. And  
19 also, we just don't have enough evidence to prove that this is  
20 even going to work to lower emissions.

21 So thank you so much for having me today. I  
22 apologize for the technical difficulties in the beginning, but  
23 I truly hope that you will listen to the people here who are  
24 speaking all through communities -- the moms, the dads, the  
25 family members, the front line workers, the organizers, and

1 those who have been doing this work for years, but also, people  
2 who live on the front line of these industries that poison each  
3 of us every day. Thank you.

4 **HEARING OFFICER ARMENDARIZ:** Thank you, Ms. Ozane.  
5 We're going to go off the record.

6 **(WHEREUPON, a recess was taken.)**

7 **HEARING OFFICER ARMENDARIZ:** We have a Lori Simmons  
8 who wants to give a statement. Ms. Simmons, make sure you're  
9 unmuted. Ms. Simmons, are you there? Can you hear me? Okay.  
10 We cannot hear Ms. Simmons. Maybe she can call back. So for  
11 now, we're going to go off record.

12 **(WHEREUPON, a recess was taken.)**

13 **HEARING OFFICER ARMENDARIZ:** Okay. It looks like we  
14 have someone calling by phone. Can you please identify  
15 yourself? Make sure your phone is unmuted -- your computer or  
16 your phone. Caller, we cannot hear you. Can you hear me?

17 Okay. Caller, we cannot hear you. Perhaps you want  
18 to call back. We're going to go ahead and go off the record  
19 for now.

20 **(WHEREUPON, a recess was taken.)**

21 **HEARING OFFICER ARMENDARIZ:** Caller, can you hear me  
22 okay? We cannot hear you. If you can call us -- if you can  
23 get to a computer and sign into the session, perhaps that would  
24 help. But unfortunately, we cannot hear you or get your  
25 statement.

1 So we're going to go off the record again.

2 **(WHEREUPON, a recess was taken.)**

3 **HEARING OFFICER ARMENDARIZ:** Back on the record,  
4 please.

5 Yes, we can hear you. Would you please identify  
6 yourself?

7 **MS. NAGEL:** Sure. This is Lauren Nagel. Sorry for  
8 the distraction before.

9 **HEARING OFFICER ARMENDARIZ:** Okay.

10 **MS. NAGEL:** I'm not sure if anything has been said  
11 prior, but, yeah. I do -- would you like my statement now?

12 **HEARING OFFICER ARMENDARIZ:** Yeah. When you're  
13 ready, so that we can start the three-minute clock. Okay.

14 **MS. NAGEL:** Okay. Thank you. Okay. Yes, I'm ready.

15 **HEARING OFFICER ARMENDARIZ:** Okay. Go ahead.

16 **MS. NAGEL:** Okay. So, yeah. I'm Lauren. I'm a  
17 resident of New Orleans. I'm just a concerned citizen. I was  
18 an educator. Just wanting to speak in opposition of giving  
19 Louisiana primacy over carbon capture sequestering.

20 I definitely feel like we are in a dire situation  
21 right now. Like locally, especially in Louisiana, you know,  
22 we're living -- people have lived through a lot of disasters,  
23 which I don't even need to name. But we definitely need to  
24 work on phasing out fossil fuels. As everybody, I imagine, you  
25 all could agree. And I think that this is just like a Band-Aid

1 on a terrible problem that we have.

2 I think this -- the CCS is just going to continue to  
3 enable use of fossil fuels and production of carbon. And this  
4 is just furthering our -- farthing away ourselves from the  
5 goal that we have. I think we need to -- I know there's a lot  
6 of investment in CCS and a lot of money. People are going to  
7 be making a lot of money. There's a lot of tax credits for all  
8 this stuff, but I feel like -- I know that this is the wrong  
9 direction. And I just ask myself, when does it stop? When  
10 does Louisiana -- when do we say enough is enough of -- how  
11 much CO2 do we need to bury here. You know?

12 Is Louisiana just going to become a dumping site of  
13 CO2? And to think that, you know, there's not just water  
14 contamination. There is toxins into the environment that can  
15 leak in through the rock, as you all know. The amount of  
16 detriment that this is going to take on the wetlands that are  
17 -- that we've been fighting for to rebuild, to protect  
18 ourselves from hurricanes and the like.

19 And also, just the endangerment (sic) of livelihoods,  
20 as you all know we, like Lake Maurepas and the crab fishermen  
21 there and the detriment to wildlife. We definitely need to  
22 spend our time and energy collectively right now to start to  
23 use renewable resources -- sun, wind, and water -- and this is  
24 just an environmental disaster waiting to happen.

25 So I would hope that you all can rethink the decision

1 to allow Louisiana primacy. It's just an environmental  
2 disaster waiting to happen, as I said. And, yeah, thank you  
3 for allowing my statement.

4 **HEARING OFFICER ARMENDARIZ:** Thank you Ms. Nagel.  
5 Off the record for now.

6 **(WHEREUPON, a recess was taken.)**

7 **HEARING OFFICER ARMENDARIZ:** Please. It looks like  
8 we have a Kaitlyn Joshua. Kaitlyn, do you want to give a  
9 statement?

10 **MS. JOSHUA:** No. I gave a statement last week, so  
11 I'm just here to witness.

12 **HEARING OFFICER ARMENDARIZ:** Very well. Okay.

13 **MS. JOSHUA:** Thank you.

14 **HEARING OFFICER ARMENDARIZ:** Thank you very much.  
15 Let's go off the record.

16 **(WHEREUPON, a recess was taken.)**

17 **MR. USSERY:** You're muted, Armando.

18 **HEARING OFFICER ARMENDARIZ:** I'm sorry. Back on the  
19 record, please.

20 Okay. We have a Mr. Anderson who wants to give a  
21 statement.

22 **MR. ANDERSON:** Yeah. Can I go now?

23 **HEARING OFFICER ARMENDARIZ:** Yes, sir. Whenever  
24 you're ready.

25 **MR. ANDERSON:** Okay. Yeah. My name is Quentin



1 Anderson, resident of Baton Rouge, Louisiana. And I just really  
2 wanted to express my hesitation and real resistance to allowing  
3 this permit. It's the long history of mismanagement by DNR,  
4 plus the plan for outsourcing of the management of this  
5 process.

6 Just knowing the -- you know, knowing how things  
7 often work here locally and in state government, state  
8 contractors, I don't feel comfortable with a process this novel  
9 being in the hands of, one, an agency with a record of failure;  
10 but, two, then the management -- the day-to-day management of  
11 it being in the hands of God knows what contractors. It raised  
12 red flags relative to competency, but also, you know, just  
13 being frank, in this state, sometimes, you know, transparency,  
14 accountability, we have a history of casual corruption.

15 So I don't feel comfortable with the way that this  
16 process would be handled if the permit was issued. And so I  
17 wanted to express my severe, you know, hesitation at this  
18 process and real concern about some of the things that would  
19 happen if it were to go through as proposed.

20 **HEARING OFFICER ARMENDARIZ:** Okay. Thank you, Mr.  
21 Anderson.

22 **MR. ANDERSON:** Thank you.

23 **HEARING OFFICER ARMENDARIZ:** Off the record.

24 **(WHEREUPON, a recess was taken.)**

25 **MR. JOHNSON:** Closing of our virtual hearing. This

1 represents four days, three face-to-face, and this evening's  
2 hearing for the virtual part of things. With that, we are  
3 bringing the public meeting to a close on the Class VI primacy  
4 application for LDNR.

5 Responses to comments, both oral and written, will be  
6 published in the federal register after EPA completes its  
7 review of everything. As a reminder, you can continue to  
8 submit comments through July the 3rd.

9 Thank you for attending the hearing tonight, and also  
10 thank you if you attended the face-to-face hearings in Baton  
11 Rouge. With that, we'll bring the hearing to a close. Thank  
12 you again.

13 **THE REPORTER:** Would you like to order the original  
14 of the transcript?

15 **MR. KIRKLAND:** That might be an Evelyn question.  
16 Ken?

17 **MR. JOHNSON:** Yes, I think it is Evelyn Rosborough.  
18 You may have talked with her, or one of your bosses may have.  
19 That would be something she needs to reach out about.

20 **THE REPORTER:** Okay. We will reach out to her then,  
21 and I have it notated that we will reach out to her for that  
22 order.

23 **MR. JOHNSON:** Okay.

24 **THE REPORTER:** Thank you so much, everyone. Have a  
25 wonderful evening.

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**MR. KIRKLAND:** You, too.

**HEARING OFFICER ARMENDARIZ:** You as well.

**MR. JOHNSON:** Thank you.

**THE REPORTER:** Thank you.

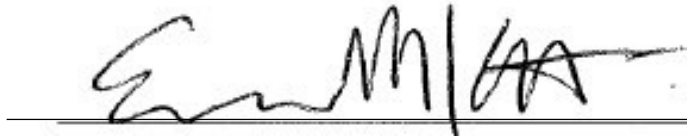
**(WHEREUPON, the EPA virtual public hearing for  
proposed decision to approve Louisiana's Class VI primacy  
application concluded at 8:00 p.m.)**

CERTIFICATE

I, Errin Kent, do hereby certify that I reported all proceedings adduced in the foregoing matter and that the foregoing transcript pages constitutes a full, true and accurate record of said proceedings to the best of my ability.

I further certify that I am neither related to counsel or any party to the proceedings nor have any interest in the outcome of the proceedings.

IN WITNESS WHEREOF, I have hereunto set my hand this 19<sup>th</sup> day of July, 2023.

A handwritten signature in black ink, appearing to read "Errin Kent", is written over a horizontal line.

Errin Kent

<p>§</p> <p><b>\$500</b> 33:10</p> <hr/> <p>0</p> <p><b>0073</b> document 9:10</p> <hr/> <p>1</p> <p><b>1</b> 48:9 48:10</p> <p><b>10</b> 23:13 48:7</p> <p><b>14</b> 23:7</p> <p><b>1422</b> 4:16 5:10 9:2</p> <p><b>145</b> 23:12</p> <p><b>15</b> 47:3</p> <p><b>17</b> 26:16</p> <p><b>17-year-old</b> 52:2 52:6</p> <p><b>18</b> 32:21</p> <p><b>19</b> 23:8</p> <p><b>1901</b> 16:15</p> <hr/> <p>2</p> <p><b>2.5</b> 48:7</p> <p><b>20</b> 39:22</p> <p><b>2009</b> 23:7</p> <p><b>2020</b> 35:7</p> <p><b>2021</b> 23:13</p> <p><b>2021st</b> 23:24</p> <p><b>2022</b> 8:6 24:1</p> <p><b>2023</b> 4:5 11:13 49:8</p> <p><b>2024</b> 11:12</p> <p><b>24</b> 24:2</p>	<p>3</p> <p><b>3</b> 24:2</p> <p><b>30</b> 4:5 32:20</p> <p><b>300</b> 13:14</p> <p><b>32011</b> 42:8</p> <p><b>3rd</b> 11:13 58:8</p> <hr/> <p>4</p> <p><b>4</b> 11:12</p> <p><b>4:00</b> 4:6</p> <p><b>40</b> 23:12</p> <p><b>45Q</b> 37:18</p> <hr/> <p>5</p> <p><b>55</b> 32:10</p> <hr/> <p>6</p> <p><b>6</b> 4:11</p> <p><b>60</b> 48:5</p> <p><b>60-year</b> 32:25</p> <hr/> <p>8</p> <p><b>8</b> 31:1</p> <p><b>8:00</b> 59:7</p> <p><b>80-year-old</b> 32:24</p> <hr/> <p>9</p> <p><b>9</b> 8:6</p> <p><b>95th</b> 13:3</p> <p><b>985</b> 41:11</p> <hr/> <p>A</p> <p><b>abandoned</b> 15:22</p>	<p>15:25 16:1</p> <p>16:5 16:6</p> <p>51:17</p> <p><b>ability</b> 23:11 30:17 35:20</p> <p><b>able</b> 12:3 14:21 25:12 30:13 33:5 34:21 36:4 41:14 52:12</p> <p><b>aboveground</b> 51:14</p> <p><b>accept</b> 11:11</p> <p><b>accountabilit</b> <b>y</b> 57:14</p> <p><b>accurate</b> 16:15 16:16 16:18</p> <p><b>acid</b> 26:9 26:12</p> <p><b>across</b> 20:22 27:11 34:19 40:1</p> <p><b>Act</b> 4:15 5:2 5:5 5:10 9:2 9:5</p> <p><b>action</b> 4:10 6:14 15:5</p> <p><b>actions</b> 9:24 10:4 10:12</p> <p><b>actively</b> 20:20</p> <p><b>activities</b> 6:10</p> <p><b>activity</b> 6:21</p>	<p>7:4 15:12</p> <p><b>actual</b> 24:4</p> <p><b>actually</b> 18:10 18:11 18:23 21:8 21:8 31:23</p> <p><b>adapt</b> 8:8</p> <p><b>add</b> 46:22</p> <p><b>addendum</b> 7:22 8:5 8:8</p> <p><b>adding</b> 20:9</p> <p><b>addition</b> 7:18 13:4 13:6 15:25</p> <p><b>additional</b> 9:6 16:21 46:23</p> <p><b>Additionally</b> 46:16</p> <p><b>address</b> 42:8</p> <p><b>addressed</b> 6:14 19:12</p> <p><b>addressing</b> 49:3</p> <p><b>adequate</b> 15:8 17:25 19:6 23:15</p> <p><b>adequately</b> 16:5 19:12</p> <p><b>administer</b> 23:11</p> <p><b>administering</b> 9:3</p> <p><b>administratio</b> <b>n</b> 7:24</p>
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<b>afternoon</b>	<b>alive</b> 52:12	38:14 42:9	<b>anything</b>
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18:17	10:2 11:5	51:6	22:14 51:8
20:13	16:2 27:17	<b>Amant</b> 28:4	<b>apologies</b>
21:18 24:5	30:15 39:5	<b>ambulances</b>	49:2
31:24 50:14	40:8 40:11	22:7	<b>apologize</b>
<b>age</b> 14:7	42:25 56:1	<b>among</b> 5:18	12:5 41:15
<b>agencies</b>	<b>allowed</b>	<b>amount</b> 55:15	49:6 52:22
34:11	30:1 42:13	<b>amounts</b> 35:18	<b>app</b> 25:3
<b>agency</b> 9:20	42:20 43:2	<b>analysis</b> 6:23	<b>appear</b> 15:8
20:15 22:8	<b>allowing</b>	<b>Anderson</b> 17:1	<b>appears</b> 38:9
34:20 57:9	14:14 35:5	56:20	<b>applicable</b>
<b>agency's</b>	50:11 56:3	56:22	9:1 9:5
10:19	57:2	56:25 57:1	<b>applicant</b>
<b>ago</b> 52:7	<b>allows</b> 40:4	57:21 57:22	5:15
<b>agreed</b> 42:25	<b>already</b> 16:25	<b>answer</b> 43:9	<b>applicants</b>
<b>agreement</b>	18:6 19:9	47:2	6:3 23:19
7:23	22:13	<b>answered</b>	23:22
<b>ahead</b> 12:10	34:14	43:14	<b>application</b>
13:19	34:20 35:1	<b>Anthony</b> 15:20	4:3 4:23 8:3
13:20	36:23 37:3	<b>antithetical</b>	8:16 8:22
14:20	46:19 47:6	24:13	8:25 9:1 9:8
21:10	47:8 49:6	<b>anybody</b> 29:10	18:2 19:4
29:12	49:8 51:22	30:19 31:2	19:12 26:2
30:22	51:25	31:10 36:1	34:7 58:4
31:20 42:4	<b>alternative</b>	39:11	59:7
51:4 53:18	23:23	40:18	<b>appreciate</b>
54:15	<b>am</b> 9:19	40:24 43:23	12:12
	9:21 10:22	<b>anymore</b>	19:22 46:6
	17:14		

49:18	4:13 9:11	44:7 44:11	<b>atmosphere</b>
<b>approach</b> 8:4	9:13 9:19	44:14	51:19
<b>appropriate</b>	12:7 12:10	45:17	<b>attended</b>
10:3	13:19	45:19	58:10
<b>appropriately</b>	14:17 15:1	45:22	<b>attending</b>
15:9	17:4 17:7	45:25 46:3	9:14 58:9
<b>approval</b> 4:14	17:12	47:10	<b>attorney</b> 7:21
9:1 34:6	19:21	47:13	9:20 23:12
35:24	19:24 20:5	47:15	24:6 24:12
<b>approve</b> 4:2	22:24 23:4	47:18	<b>audio</b> 13:16
8:25 18:17	24:14	48:17	23:6 24:11
59:6	24:17	48:19	24:11 41:20
<b>approved</b>	24:19 25:4	48:21	<b>Auditor's</b>
7:8 42:15	25:14	48:24	49:9
<b>approving</b>	25:18 27:4	49:19	<b>authority</b> 7:9
4:22	27:7 27:22	49:22 50:4	7:12 7:14
<b>area</b> 6:7	28:19	50:8 50:16	7:22 23:11
6:9 6:9 6:10	30:18 31:7	50:22 51:2	23:15
6:12 6:25	31:14	53:4 53:7	23:24 24:3
13:1 15:12	31:17	53:13	39:4
30:17	31:19	53:21 54:3	<b>available</b>
33:11	33:21	54:9 54:12	7:16
42:10	33:23	54:15 56:4	<b>average</b> 13:5
42:25	35:25 36:7	56:7 56:12	<b>aware</b> 43:19
44:22 45:6	37:20 38:1	56:14	46:19
46:21	38:5 38:9	56:18	<b>away</b> 47:4
<b>areas</b> 46:22	38:12	56:23	55:4
47:6	38:15	57:20	
<b>argumentative</b>	38:19 39:9	57:23 59:2	
10:10	39:11	<b>Army</b> 32:21	
<b>arguments</b>	39:15	<b>arrived</b> 16:22	
11:15	39:17	<b>asphyxiant</b>	
<b>Armando</b>	39:18	22:5 37:10	
4:13 9:11	40:17	<b>asserted</b> 24:6	
9:19 11:23	40:21 41:3	<b>assess</b> 8:22	
17:6 41:17	41:6 41:10	23:23	
56:17	41:18	<b>assurance</b> 7:5	
<b>Armendariz</b>	41:23 42:1	<b>asthma</b> 13:5	
	42:4 42:21	32:22 51:21	
	43:7 43:12		
	43:21		
	43:23 44:2		

12:7 12:9	<b>best</b> 12:23	<b>bringing</b> 58:3	34:19
12:11	38:24	<b>Brody</b> 4:11	49:10 49:13
12:12	<b>better</b>	<b>bronchitis</b>	<b>Capital</b> 47:23
13:19	13:18	32:22	<b>captain</b> 33:11
13:21	21:25 27:15	<b>build</b> 40:2	<b>capture</b> 13:10
14:17	<b>beyond</b> 34:19	<b>buildout</b>	13:22 15:6
14:19 19:14	<b>Biden</b> 19:6	34:18 35:4	15:14 16:2
<b>B-A-N-N-E-R</b>	<b>Bill</b> 43:4	<b>Bullet</b> 24:2	17:23
12:13	<b>black</b> 51:24	<b>bury</b> 55:11	20:25 21:2
<b>Baptist</b> 12:14	<b>boat</b> 33:11	<b>button</b> 11:20	21:18
<b>Barbara</b> 25:10	<b>body</b> 44:23	<b>buzz</b> 32:25	21:24
25:21 32:16	44:25		31:25
<b>B-A-R-B-A-R-A</b>	<b>BOEUF</b> 47:14	<hr/>	34:18 35:3
25:21	47:16	C	36:12
<b>based</b> 17:15	47:21 48:18	<b>Caller</b>	36:14 37:3
17:15 34:3	<b>Boothe</b>	53:16	37:15
<b>basis</b> 24:7	22:25	53:17 53:21	44:19 45:7
<b>Baton</b> 27:16	22:25 23:1	<b>Camacho</b> 31:8	45:15
46:21 48:1	23:3 23:5	<b>Campbell</b> 28:1	48:12
49:1 57:1	23:6 24:14	28:3 28:3	48:13
58:10	24:15	28:19	50:18 51:7
<b>Bayou</b> 46:20	24:17 24:18	<b>C-A-M-P-B-E-</b>	54:19
46:21	<b>B-O-O-T-H-E</b>	<b>L-L</b> 28:4	<b>captured</b>
<b>become</b> 32:1	23:6	<b>cancer</b> 13:2	36:21
37:5 38:23	<b>bores</b> 16:4	13:3 16:24	<b>car</b> 14:7
55:12	<b>bosses</b> 58:18	16:25	14:10
<b>begin</b> 4:8	<b>boy</b> 15:4 52:6	17:21	52:10 52:11
<b>beginning</b>	52:6	20:23 26:6	<b>carbon</b> 4:20
11:19 52:22	<b>brackish</b>	26:6 26:10	5:21 5:24
<b>behalf</b>	29:22	26:16	6:7 6:16
20:13	<b>break</b> 26:18	29:25	6:19 6:23
22:22 29:17	51:11 51:13	32:18 45:2	6:24 7:1
<b>belief</b> 24:6	<b>breathe</b>	<b>cancer-</b>	13:10
<b>Benedetto</b>	22:6 26:15	<b>causing</b>	13:22 15:6
25:8 29:4	<b>brief</b> 49:4	25:25	15:10
<b>benefits</b> 28:9	<b>bring</b> 58:11	<b>capable</b> 9:3	15:14
40:5 48:8		39:2	16:19
		<b>capacity</b>	17:23
			20:25 21:2
			21:14



21:18	<b>causes</b> 48:9	51:20 52:2	51:19
21:24 24:1	<b>causing</b> 20:21	<b>choose</b> 14:1	<b>clock</b> 17:5
26:2 26:14	26:17 48:3	<b>chronic</b> 26:4	23:1 54:13
26:18	48:14	<b>citizen</b> 42:16	<b>close</b> 58:3
26:19	<b>cautious</b> 47:9	42:25 54:17	58:11
26:22 27:2	<b>cave</b> 22:8	<b>citizens</b>	<b>closely</b> 39:5
34:18 35:3	<b>CCS</b> 17:17	13:12	<b>closes</b> 11:10
35:7 35:13	17:22 18:1	<b>city</b> 48:3	<b>closing</b>
35:18	55:2 55:6	<b>civil</b> 8:11	8:20 35:3
36:12	<b>CDC</b> 23:9	<b>claimed</b> 19:5	57:25
37:15	<b>certain</b> 46:20	<b>claiming</b> 18:4	<b>closure</b> 7:8
44:19 45:7	<b>CFR</b> 23:12	<b>clarification</b>	<b>CO2</b> 15:6 16:2
45:15 46:8	<b>chance</b>	10:8	22:4 31:25
46:12	14:15 22:9	<b>clarify</b> 20:15	36:20
46:17 48:6	36:2	<b>Class</b> 4:3	36:21
48:7 48:12	<b>change</b> 19:4	4:16 4:20	36:23 37:9
48:13 51:7	21:6 32:9	4:21 4:23	47:25 48:6
51:9 51:10	<b>changed</b> 16:24	5:1 5:14	55:11 55:13
51:13	19:3	5:15 5:16	<b>Coalition</b>
51:16	<b>changes</b> 27:11	5:20 6:2 6:2	20:14
51:18	<b>characterizat</b>	6:4 6:16	<b>co-author</b>
54:19 55:3	<b>ion</b> 6:6 6:6	7:15 7:15	25:23
<b>carcinogens</b>	<b>characterized</b>	7:20 7:25	<b>co-founder</b>
48:6	24:10	8:12 8:16	25:23
<b>care</b> 7:7	<b>cheering</b> 52:4	8:21 8:22	<b>collapse</b> 33:8
<b>Carolyn</b>	<b>chemical</b> 6:23	9:3 15:6	<b>colleague</b>
36:4 36:8	18:6 27:10	17:17	49:7
49:1	30:1 33:3	18:16	<b>colleagues</b>
<b>carry</b> 23:15	52:14	18:23	17:18
<b>case</b> 10:21	<b>chemicals</b>	23:11	<b>collectively</b>
<b>Cashona</b> 27:25	26:8	27:17 39:4	55:22
29:9 45:22	<b>child</b> 14:4	58:3 59:6	<b>C-O-L-O</b> 29:17
<b>casual</b> 57:14	14:6 14:8	<b>clean</b> 22:20	<b>Cologero</b>
<b>catch</b> 33:12	<b>childhood</b>	27:3	29:15 29:15
33:13	32:1	<b>clear</b> 10:15	<b>colony</b> 32:3
<b>cause</b> 51:14	<b>children</b> 21:4	21:17	<b>color</b> 18:5
<b>caused</b> 21:8		<b>climate</b> 20:21	
26:22 52:9		21:6 34:3	
52:15			

24:8 51:24	42:12	6:5	9:25 23:20
<b>comes</b> 30:23	<b>communities</b>	<b>compounds</b>	<b>conference</b>
30:25 31:2	18:1 18:5	16:9	24:2
43:3 43:3	18:5 18:6	<b>comprehensive</b>	<b>confirm</b> 8:22
43:4	18:16 19:9	8:20 8:24	<b>conflict</b>
<b>comfortable</b>	46:20	37:16	26:23
57:8 57:15	48:15	<b>compressor</b>	<b>connect</b> 41:13
<b>coming</b> 34:23	51:25 52:24	16:8	<b>connection</b>
<b>comment</b>	<b>community</b>	<b>computer</b> 25:2	46:6
7:16 8:18	13:5 13:13	29:16	<b>Connie</b>
19:16	13:14	41:13 44:9	29:14
19:18	15:12	47:17	29:16
20:11	15:13	53:15 53:23	31:18
30:23 34:5	15:18	<b>C-O-N</b> 31:23	31:20 31:23
42:2 47:20	17:20	<b>concern</b> 57:18	<b>consequences</b>
49:4	18:15	<b>concerned</b>	49:16
<b>commentary</b>	18:24 35:8	34:10 54:17	<b>Conservation</b>
11:12	35:11	<b>concerning</b>	23:15
<b>commented</b>	35:17	9:24	<b>consideration</b>
34:25	42:20	<b>concerns</b> 4:14	<b>s</b> 8:3 8:11
<b>comments</b> 9:16	46:18	12:17	<b>considering</b>
9:23 10:9	48:11 49:8	14:16	20:12
10:15	51:22 52:17	18:24	<b>consistent</b>
10:19	<b>companies</b>	42:11 49:12	9:4
10:21	26:21 36:24	<b>concluded</b>	<b>Constitution</b>
11:11	<b>compared</b> 8:5	59:7	43:4
11:13	<b>competency</b>	<b>conclusion</b>	<b>construction</b>
11:18	57:12	48:16	6:15
16:21 18:9	<b>complete</b> 39:3	<b>condition</b>	<b>contain</b> 6:7
19:15	<b>completely</b>	13:8 14:1	<b>contained</b> 7:1
19:17	52:10	<b>conditions</b>	<b>containers</b>
19:19	<b>completes</b>	51:21	26:19 51:11
22:22	58:6	<b>conduct</b>	<b>contaminate</b>
23:10	<b>complex</b> 36:13	8:16 23:19	15:15 15:17
41:15 58:5	36:13 36:16	<b>conducted</b>	<b>contaminating</b>
58:8	<b>compliance</b>	8:20 10:2	51:12
<b>commits</b> 23:17	4:21 7:13	<b>conducting</b>	
<b>committed</b> 8:8	<b>components</b>		
<b>committee</b>			

<p><b>contamination</b> 26:20 55:14</p> <p><b>continually</b> 12:22 13:21</p> <p><b>continuation</b> 27:18 48:14</p> <p><b>continue</b> 11:11 12:21 14:2 18:19 21:22 35:20 40:11 52:15 52:16 55:2 58:7</p> <p><b>continued</b> 13:16</p> <p><b>contracted</b> 23:20</p> <p><b>contractors</b> 57:8 57:11</p> <p><b>contradicted</b> 23:25</p> <p><b>control</b> 5:7 13:10 13:11 14:3 22:11</p> <p><b>Convent</b> 25:22</p> <p><b>Corne</b> 46:21</p> <p><b>Cornell</b> 15:20</p> <p><b>Corps</b> 30:10</p> <p><b>corrective</b> 6:14</p> <p><b>corroded</b> 26:8</p> <p><b>corrosion</b> 26:18 51:10</p>	<p><b>corruption</b> 57:14</p> <p><b>cost</b> 7:6</p> <p><b>Cothorn</b> 40:22 40:22 41:21 41:25 42:3 42:7 42:8 42:22 42:23 43:7 43:11 43:18 43:22</p> <p><b>C-O-T-H-E-R-N</b> 42:8</p> <p><b>coughs</b> 26:4</p> <p><b>Counsel</b> 4:12</p> <p><b>country</b> 12:20 13:3 20:22 27:11 33:19</p> <p><b>couple</b> 33:13 52:7</p> <p><b>court</b> 43:13 50:18</p> <p><b>cover</b> 7:6</p> <p><b>crab</b> 55:20</p> <p><b>cradle</b> 36:20 37:1</p> <p><b>created</b> 5:1 24:8</p> <p><b>Creator</b> 43:3 43:6</p> <p><b>credits</b> 37:19 55:7</p> <p><b>critical</b> 16:20 27:18</p> <p><b>cross- examination</b></p>	<p>10:7</p> <p><b>crossing</b> 32:10</p> <p><b>crucial</b> 28:7</p> <p><b>culture</b> 21:13</p> <p><b>current</b> 15:8 49:11</p> <p><b>currently</b> 24:3 36:19</p> <p><b>cut</b> 45:9 48:24</p> <p><b>cypress</b> 29:23 32:12</p> <hr/> <p style="text-align: center;">D</p> <hr/> <p><b>D.K</b> 24:20 25:5 29:2 39:15 39:21</p> <p><b>dads</b> 52:24</p> <p><b>Dallas</b> 9:21 16:22</p> <p><b>damages</b> 26:22</p> <p><b>dangerous</b> 44:21 45:9</p> <p><b>Daniel</b> 27:8 27:9</p> <p><b>data</b> 15:6 16:15</p> <p><b>date</b> 16:24 16:25</p> <p><b>day</b> 16:23 19:23 20:17 53:3</p> <p><b>days</b> 20:17 58:1</p> <p><b>day-to-day</b></p>	<p>57:10</p> <p><b>dead</b> 48:9</p> <p><b>deadline</b> 19:16</p> <p><b>deal</b> 44:7</p> <p><b>dealing</b> 47:1</p> <p><b>death</b> 22:3</p> <p><b>debate</b> 10:10</p> <p><b>December</b> 8:6</p> <p><b>decision</b> 4:2 9:6 9:7 10:20 24:4 24:16 43:15 55:25 59:6</p> <p><b>decisions</b> 19:2 24:9</p> <p><b>decline</b> 32:20</p> <p><b>deems</b> 24:12</p> <p><b>deep</b> 5:21 42:10</p> <p><b>deeply</b> 34:10</p> <p><b>definitely</b> 54:20 54:23 55:21</p> <p><b>deforested</b> 32:1</p> <p><b>delicate</b> 14:1</p> <p><b>delineated</b> 6:12</p> <p><b>delineates</b> 6:9</p> <p><b>demands</b> 28:15 40:12</p> <p><b>demonstrate</b></p>
--	---	---	---

5:16 5:25	8:25 15:21	<b>director</b> 36:9	46:23
<b>denied</b> 37:19	<b>detriment</b>	44:17 47:24	<b>DNR</b> 17:16
<b>Department</b>	55:16 55:21	<b>directs</b> 5:10	17:24 18:3
4:18 17:24	<b>devastating</b>	<b>disapprove</b>	18:13
23:14	30:8 35:6	18:23	18:17
26:25 34:6	<b>develop</b> 5:5	<b>disaster</b>	18:22 19:4
35:22 39:1	<b>developing</b>	55:24 56:2	19:13 39:3
49:4 49:10	8:1 9:22	<b>disasters</b>	46:18 57:3
<b>depend</b> 28:6	<b>devotes</b> 18:3	21:7 54:22	<b>DNR's</b> 18:19
<b>Descendants</b>	<b>die</b> 26:6	<b>disastrous</b>	18:25
12:15	<b>died</b> 26:10	49:15	<b>doctors</b> 52:9
<b>described</b> 8:4	<b>different</b>	<b>disconnected</b>	<b>document</b> 9:9
8:9 23:24	12:23 13:8	11:16	<b>documents</b> 9:9
<b>describing</b>	13:24	<b>discrepancy</b>	<b>dollars</b> 29:23
7:23	17:18	36:25	<b>done</b> 13:15
<b>description</b>	36:24	<b>discuss</b> 29:19	33:18
7:21 8:5	44:24 47:7	<b>discussed</b> 8:6	<b>draft</b> 7:15
8:14 23:16	47:7 47:8	<b>disparate</b>	<b>drafting</b>
23:17	<b>difficulties</b>	24:8 24:10	36:19
<b>deserve</b> 21:25	11:24 52:22	<b>displace</b> 22:5	<b>drilled</b> 16:4
27:2	<b>dioxide</b>	<b>displaced</b>	<b>drilling</b>
<b>DeShae</b> 28:1	5:21 5:24	21:15	16:14
28:3	6:8 6:17	<b>displaces</b>	<b>drinking</b> 4:15
<b>D-E-S-H-A-E</b>	6:19 6:23	26:14	5:2 5:3
28:4	6:25 7:1	<b>disrespectful</b>	5:5 5:9 5:10
<b>designated</b>	26:3 26:14	14:5	5:18 9:2 9:4
9:21	26:18	<b>disruption</b>	19:11 26:20
<b>despite</b> 13:16	26:23 27:2	13:17 23:7	<b>drive</b> 14:10
13:25	35:8 35:13	24:11 24:12	<b>driving</b>
<b>destroy</b> 32:14	35:18 46:8	<b>distances</b>	14:7 52:7
42:19	46:12	16:12	52:10
<b>destruction</b>	46:17 48:6	<b>distraction</b>	<b>due</b> 16:8
20:21 32:6	51:9 51:10	54:8	18:24 21:14
32:17	51:13 51:18	<b>distributing</b>	<b>dumping</b> 55:12
<b>determine</b>	<b>dire</b> 54:20	39:7	<b>during</b> 10:17
8:18	<b>direct</b> 10:6	<b>disturbances</b>	<b>dying</b> 22:19
<b>determined</b>	<b>direction</b>		
	37:14 55:9		

45:1	20:8 50:1	7:22 7:24	51:12 55:14
<hr/>	50:12	<b>enforcing</b>	<b>environmental</b>
<u>E</u>	<b>eloquently</b>	8:12	8:2 9:20
<b>earlier</b> 31:22	19:14	<b>engaging</b>	15:4 17:14
<b>early</b> 46:6	<b>else</b> 21:13	13:10	18:4 18:8
<b>earth</b> 34:3	30:19	<b>engineer</b> 23:8	18:11
48:15	30:20	23:9 27:10	18:24 19:2
<b>earthquake</b>	30:25 36:1	39:22	19:5 19:7
51:14 51:16	37:21	<b>Engineers</b>	19:8 19:10
<b>economy</b> 27:13	37:22	30:10	20:15
27:20	39:11	<b>enhance</b> 39:6	20:21 23:8
<b>education</b>	40:18	<b>enhanced</b> 8:18	23:9 23:18
13:7	40:24	36:15	36:10
<b>educator</b>	43:23 45:19	<b>enjoy</b> 28:8	52:16
54:18	<b>emergency</b>	40:4	55:24 56:1
<b>effects</b>	7:10 35:10	<b>ensure</b> 4:20	<b>environments</b>
45:5 46:18	<b>emissions</b>	6:12 6:16	15:15 32:15
<b>efficiencies</b>	52:20	6:20 7:1 7:3	<b>EPA</b> 4:1
15:8	<b>emotional</b>	7:12 7:19	4:10 4:22
<b>egret</b> 32:3	21:25	10:23 18:8	5:5 5:10
<b>egrets</b> 32:6	<b>emphysema</b>	18:11	5:16 7:20
<b>Eight</b> 7:10	32:22	28:13 40:9	7:23 8:1 8:3
<b>either</b> 25:5	<b>enable</b> 55:3	<b>ensures</b> 6:7	8:7 8:20
<b>EJ</b> 8:4 8:6	<b>endanger</b> 7:4	7:14	8:24 8:25
8:9 8:11	<b>endangerment</b>	<b>ensuring</b>	10:2 10:16
8:16 15:13	55:19	27:19	10:18
23:19	<b>energy</b>	<b>environment</b>	11:11
23:20	22:20	15:9 15:11	17:19 18:3
23:21 24:4	27:11	15:17	18:13
24:10	27:12	15:19	19:13
<b>elated</b> 32:1	27:13	20:16	19:18
<b>element</b> 32:14	27:18	20:20	20:18 23:8
<b>elements</b>	28:15	27:19	23:13 24:5
8:6 8:9	38:25 39:4	28:16 30:3	24:16
<b>elevate</b> 12:2	39:8 40:12	32:9 34:16	27:16
<b>Eloise</b> 20:3	55:22	35:6 37:17	28:10
	<b>enforcement</b>	40:7 40:13	30:14
	4:17 5:12	40:15 46:18	33:15 34:5
			35:24
			36:24 40:5
			48:11 58:6

59:5	42:11	42:11 57:2	40:2
<b>EPA's</b> 4:14	47:21 58:24	57:17	<b>family</b>
9:24 11:14	<b>everyone's</b>	<b>extend</b> 19:19	13:13 45:2
19:8 26:24	10:18	<b>extension</b>	52:25
43:15	<b>everything</b>	19:18 20:11	<b>farthering</b>
<b>epidemiologis</b>	58:7	<b>extensively</b>	55:4
<b>t</b> 23:9	<b>evidence</b>	15:21	<b>fatalities</b>
<b>Equally</b> 10:5	52:19	<b>extent</b> 6:24	35:15
<b>Errin</b> 41:3	<b>evident</b> 38:23	34:17	<b>fault</b> 46:24
41:4 41:6	<b>evidentiary</b>	<b>extraordinari</b>	51:15
<b>escapes</b> 22:5	10:6	<b>ly</b> 37:8	<b>favor</b> 45:14
<b>especially</b>	<b>example</b>	<b>extreme</b> 16:8	45:15
18:5 20:22	6:20 36:19	<b>extremely</b>	<b>fear</b> 33:4
46:25 47:5	<b>examples</b>	34:15	34:23
49:14 54:21	34:16	34:19 35:4	<b>February</b>
<b>essentially</b>	<b>excellent</b>	<hr/>	23:13 23:24
35:17 46:15	12:5 23:5	<b>F</b>	<b>federal</b> 5:2
<b>establish</b>	<b>except</b> 4:24	<b>face-to-</b>	5:17 7:19
5:10	<b>excessive</b>	<b>face</b> 58:1	8:23 9:7
<b>evaluated</b>	16:11 35:18	58:10	10:19
7:20	<b>exchanges</b>	<b>facilities</b>	26:24
<b>evaluation</b>	10:11	4:20 25:25	42:14
6:12 8:21	<b>executive</b>	26:13 51:22	49:12 58:6
<b>evaluations</b>	36:9	<b>fact</b> 30:9	<b>federally</b>
23:21	<b>existed</b> 35:11	44:23 45:2	5:11
<b>Evelyn</b>	<b>existing</b>	<b>facts</b> 10:11	<b>feedback</b> 9:18
58:15 58:17	34:21	<b>failed</b>	13:17
<b>evening</b>	34:22 37:6	22:20 46:20	<b>feel</b> 19:11
20:9 23:5	<b>experience</b>	<b>failing</b> 26:9	45:5 51:23
47:21 58:25	23:7 39:23	<b>failure</b>	54:20 55:8
<b>evening's</b>	<b>experiencing</b>	27:1 57:9	57:8 57:15
58:1	26:4	<b>fair</b> 45:13	<b>Felton</b> 20:1
<b>everybody</b>	<b>experts</b> 28:13	<b>false</b> 20:13	27:7 28:24
51:1 54:24	40:9	22:21	29:6 31:9
<b>everyone</b> 9:14	<b>explain</b> 9:12	<b>families</b>	31:9 44:3
10:23 28:10	<b>express</b> 12:17	14:12	44:3 44:4
		26:10 28:6	44:5 44:9
			44:10

44:13	33:7 33:10	16:3	21:4 21:20
44:16	33:12 33:13	<b>forms</b> 27:12	21:22
44:16 45:18	<b>fisheries</b>	<b>forth</b> 23:16	27:13 28:8
<b>F-E-L-T-O-N</b>	42:15	<b>forum</b> 10:10	40:4
44:17	<b>fishermen</b>	<b>forward</b> 20:25	<hr/>
<b>fence</b> 44:22	55:20	25:7 30:23	G
45:8 45:15	<b>fishing</b>	31:1	<b>Gail</b> 19:25
<b>field</b> 32:19	33:9 52:7	<b>fossil</b>	19:25
<b>fields</b> 48:8	<b>fit</b> 36:17	54:24 55:3	28:23
<b>fight</b> 52:15	<b>five</b> 6:18	<b>founder</b> 44:17	47:13 47:22
<b>fighting</b>	47:2 52:9	47:24	<b>G-A-I-L</b> 47:23
22:13 55:17	<b>fix</b> 29:24	<b>fragmentation</b>	<b>gamble</b> 13:9
<b>figured</b> 41:17	<b>flags</b> 57:12	37:15	14:24 17:8
<b>filed</b> 24:5	<b>flare</b> 52:14	<b>fragmented</b>	17:8 28:21
<b>final</b> 4:22	<b>flaws</b> 16:18	37:4 37:5	<b>gas</b> 15:21
7:17 10:20	<b>flee</b> 33:17	<b>frank</b> 57:13	16:14
43:15	<b>flooded</b> 30:9	<b>fraud</b> 36:23	20:19
<b>Finally</b> 8:1	<b>floods</b> 21:7	37:2 37:18	20:20
11:16	<b>flourish</b>	<b>Friday</b> 4:5	20:24 21:9
<b>financial</b> 6:3	40:10 40:15	52:5	21:23 22:9
7:5	<b>flow</b> 6:23	<b>friends</b>	26:21 27:1
<b>fine</b> 33:10	<b>fluid</b> 6:13	26:6 26:10	27:19 28:5
52:11	<b>fluids</b> 5:8	32:18	30:2 30:4
<b>fines</b> 26:13	<b>focus</b> 27:13	<b>Friesenhahn</b>	34:22
<b>Fink</b> 29:14	<b>focused</b> 10:15	4:11	39:23
29:16	<b>Focusing</b>	<b>front</b> 48:11	39:25 48:1
31:16	27:12	52:25 53:2	51:17
31:18	<b>football</b> 52:5	<b>fuels</b> 54:24	<b>gathering</b>
31:18	52:6	55:3	10:11
31:22	<b>forefront</b>	<b>fully</b> 10:14	<b>general</b> 23:13
31:24	30:5 46:10	<b>fumes</b> 21:22	24:6 24:12
33:21 33:22	<b>formation</b>	<b>furthering</b>	<b>General's</b>
<b>F-I-N-K</b> 31:24	15:7	55:4	7:21
<b>first</b> 12:22	<b>formations</b>	<b>Furthermore</b>	<b>generations</b>
16:23 22:7	5:21 16:3	8:14	14:13 28:6
51:9		<b>future</b> 21:3	28:8 40:2
<b>fish</b> 33:7			40:4 42:10
			<b>geologic</b> 4:19
			5:25 7:6

<p><b>geologist</b> 4:12</p> <p><b>geology</b> 6:7</p> <p><b>Germany</b> 27:24 29:8</p> <p><b>G-E-R-O</b> 29:18</p> <p><b>gets</b> 12:25</p> <p><b>getting</b> 26:12 41:19</p> <p><b>giant</b> 32:11</p> <p><b>given</b> 10:23 11:15 24:1 31:10 33:18 36:23 37:18 37:21</p> <p><b>gives</b> 50:17</p> <p><b>giving</b> 28:17 41:23 42:1 54:18</p> <p><b>G-L-E-N-D</b> 29:15</p> <p><b>Glenda</b> 29:15</p> <p><b>G-L-E-N-D-A</b> 29:17</p> <p><b>goal</b> 55:5</p> <p><b>God</b> 52:11 57:11</p> <p><b>gone</b> 29:21</p> <p><b>gotten</b> 19:16</p> <p><b>govern</b> 30:13 30:17</p> <p><b>government</b> 24:9 42:14 57:7</p>	<p><b>governments</b> 8:7</p> <p><b>Grace</b> 20:2 28:25 33:23 34:1</p> <p><b>Grand</b> 46:20</p> <p><b>grandchildren</b> 's 33:16</p> <p><b>grant</b> 18:19 27:16 36:10</p> <p><b>granted</b> 5:12 35:22</p> <p><b>granting</b> 19:13 28:12 37:4 40:8</p> <p><b>grateful</b> 21:12</p> <p><b>grave</b> 36:20 37:1</p> <p><b>great</b> 33:9 35:23</p> <p><b>grew</b> 32:17 34:9</p> <p><b>ground</b> 22:18 48:1 48:4 48:14</p> <p><b>groundwater</b> 5:4 7:1 15:16</p> <p><b>group</b> 31:10</p> <p><b>grow</b> 32:4</p> <p><b>growing</b> 14:8 28:15 40:12</p> <p><b>guaranteeing</b> 35:5</p>	<p><b>guess</b> 32:13 49:3</p> <p><b>guessing</b> 24:25</p> <p><b>guest</b> 12:2</p> <p><b>guinea</b> 13:22</p> <p><b>Gulf</b> 17:14 30:8</p> <p><b>guys</b> 46:5 50:23</p> <hr/> <p style="text-align: center;">H</p> <hr/> <p><b>hand</b> 11:3 11:4 14:23 25:11 26:13 29:12 36:3 40:25</p> <p><b>handled</b> 57:16</p> <p><b>handling</b> 39:2</p> <p><b>hands</b> 57:9 57:11</p> <p><b>hanging</b> 32:16</p> <p><b>happen</b> 22:14 22:14 22:15 22:15 30:15 33:14 35:21 42:25 43:1 43:13 55:24 56:2 57:19</p> <p><b>happens</b> 47:2</p> <p><b>happiness</b> 13:9</p>	<p><b>hard</b> 20:17</p> <p><b>hate</b> 46:21</p> <p><b>haven't</b> 52:12</p> <p><b>having</b> 9:16 11:24 12:11 13:10 14:18 18:12 18:15 20:9 52:21</p> <p><b>hazardous</b> 26:14 37:1 37:8 46:13 46:15 51:9</p> <p><b>hazards</b> 52:18</p> <p><b>headaches</b> 26:4</p> <p><b>health</b> 5:3 5:23 7:4 13:9 15:11 26:9 30:4 32:20 33:17 35:16 35:19 36:10 37:17 46:15 52:18</p> <p><b>healthy</b> 17:14 52:3 52:6</p> <p><b>hear</b> 10:14 11:21 11:22 12:4 14:25 15:2 17:11 20:4 20:6 23:3 23:4 24:23 25:11</p>
--	---	--	--



25:15	17:4 17:7	45:25 46:3	<b>help</b> 28:13
25:16 31:3	17:12	46:5 46:7	33:2 53:24
38:10	19:21	47:10	<b>helped</b> 40:10
38:11	19:24 20:5	47:13	<b>Here's</b> 50:23
39:16	20:10	47:15	<b>hesitation</b>
39:18	22:24 23:4	47:18	57:2 57:17
40:23 41:5	24:14	48:17	<b>Hi</b> 20:8
42:24 44:9	24:17	48:19	28:3 31:18
44:11	24:19 25:4	48:21	31:18
45:24	25:14	48:24	39:21
45:25	25:18 27:4	49:19	48:23 50:25
47:19	27:7 27:22	49:22 50:4	<b>high</b> 27:12
49:25 50:1	28:19 30:2	50:8 50:16	28:5 28:11
50:3 50:8	30:18 31:7	50:22 51:2	39:25
50:23 51:1	31:14	53:4 53:7	<b>highest</b>
51:2 53:9	31:17	53:13	13:3 13:4
53:10	31:19	53:21 54:3	<b>highly</b> 22:4
53:16	33:21	54:9 54:12	38:24
53:16	33:23	54:15 56:4	<b>historical</b>
53:17	35:25 36:7	56:7 56:12	16:16
53:21	37:20 38:1	56:14	<b>history</b> 28:11
53:22	38:5 38:9	56:18	29:20
53:24 54:5	38:12	56:23	30:14 40:6
<b>heard</b> 10:24	38:15	57:20	57:3 57:14
17:19 21:1	38:19 39:9	57:23	<b>hold</b> 42:17
22:8 49:8	39:11	57:25 58:2	48:13
<b>hearing</b> 4:1	39:15	58:9 58:11	<b>home</b> 20:22
4:10 4:12	39:18	59:2 59:5	52:7
4:14 9:11	40:17	<b>hearings</b>	<b>homes</b> 21:5
9:12 9:13	40:21 41:3	20:17 58:10	26:8 28:7
9:14 9:21	41:6 41:10	<b>heat</b> 16:8	40:3
9:22 9:23	41:18	32:10	<b>Honore</b> 25:9
9:25 10:1	41:23 42:1	<b>HELD</b> 4:4	29:5
10:5 10:6	42:4 42:21	<b>hello</b> 20:4	<b>hop</b> 25:1
10:7 10:8	43:7 43:12	20:5 27:9	<b>hope</b> 14:1
10:17	43:21	28:3 31:16	14:15 20:11
10:22	43:23 44:2	33:25	
11:10 12:7	44:7 44:11	38:21	
12:10	44:14	44:10	
13:19	45:17	47:14 47:15	
14:17 15:1	45:19 45:22		

21:19	<b>identify</b> 11:2	54:14	<b>including</b> 5:4
32:12	35:12	54:16	5:14 6:19
33:15	53:14 54:5	54:16	7:7 8:9
33:15	<b>I'll</b> 22:22	54:17	23:18
52:23 55:25	<b>illegal</b> 24:12	56:11 56:18	28:10 35:18
<b>hoped</b> 32:11	<b>I'm</b> 12:9	<b>imagine</b> 21:20	<b>inclusive</b>
<b>hopefully</b>	12:17	54:24	8:10 25:23
49:7	12:25	<b>immune</b> 32:23	44:18 47:24
<b>hours</b> 35:12	13:12	<b>impact</b> 24:11	<b>income</b> 51:24
<b>Houston</b> 17:1	13:17 15:4	<b>impacts</b>	<b>incorporate</b>
<b>human</b> 5:23	16:23	24:8 35:16	8:2 19:2
7:4	20:13	35:19	19:5
<b>hundred</b> 46:8	21:10	<b>implement</b>	<b>incorporating</b>
<b>hundreds</b>	24:24	4:23 23:17	8:11
19:17	24:25	49:11 49:13	<b>incorporation</b>
<b>hundredth</b>	25:23	<b>implementatio</b>	8:13
22:18	27:10 28:3	<b>n</b> 7:24	<b>increase</b>
<b>hurricanes</b>	29:16	<b>implementing</b>	32:22
21:7 55:18	29:17	5:13 8:10	47:25
<b>hurts</b> 44:25	29:18	<b>importance</b>	51:15
<b>husband</b> 16:24	29:19 30:1	39:24	51:19 51:23
45:3	31:22	<b>important</b>	<b>increased</b>
<b>hydrogen</b> 26:9	31:24	10:5 28:10	16:1 21:6
26:12	32:12	30:3 35:9	<b>increases</b>
<b>hype</b> 48:13	32:19	40:3 40:5	51:10
	32:20 36:9	40:14 40:15	<b>increasing</b>
	38:3 38:3	<b>inadequate</b>	18:9 37:15
	38:22	18:8	<b>incredibly</b>
	39:21	<b>incidence</b>	35:9
	41:25	18:22	<b>Indian</b> 4:25
	44:18	<b>incidents</b>	<b>indigenous</b>
<b>I-55</b> 32:5	45:14	51:16	51:24
<b>Ian</b> 4:11 12:1	45:15	<b>include</b>	<b>individual</b>
<b>icon</b> 11:4	47:16	4:16 6:5	46:15
11:20 11:20	47:16	6:20 10:19	<b>industrial</b>
<b>I'd</b> 12:21	47:22	<b>included</b> 7:15	25:25 26:16
46:21	47:24 49:2	<b>includes</b> 23:7	<b>industries</b>
<b>idea</b> 46:17	49:2 50:2		
<b>identified</b>	50:2 50:10		
6:13 23:22	50:21 51:5		
	51:6 54:10		

34:24 52:8 52:13 53:2 <b>industry</b> 20:19 20:20 20:24 21:9 21:21 21:23 22:9 27:19 28:5 28:8 28:12 30:2 30:4 35:1 38:25 39:4 39:23 39:25 40:2 40:3 40:9 40:10 40:14 44:21 <b>industry's</b> 28:13 <b>inevitably</b> 35:2 35:2 35:21 <b>influenced</b> 6:10 <b>informal</b> 10:1 <b>information</b> 4:9 9:6 10:3 15:5 16:7 16:16 16:17 16:18 17:3 <b>infrastructur e</b> 52:1 <b>Ingraffea</b> 15:20 <b>inhale</b> 21:22 <b>inhouse</b> 23:20 <b>inject</b> 5:24	<b>injected</b> 6:8 <b>injection</b> 4:16 4:24 5:6 5:8 5:20 6:1 6:10 6:16 6:19 6:22 6:22 6:24 7:3 21:15 26:3 26:23 27:2 27:17 46:9 46:17 51:10 51:16 <b>injustice</b> 19:10 <b>instance</b> 13:23 <b>Instead</b> 10:18 43:12 <b>insurance</b> 21:5 21:6 <b>integrity</b> 6:21 <b>investment</b> 55:6 <b>irresponsible</b> 14:5 <b>IRS</b> 36:24 <b>isn't</b> 42:24 46:11 <b>issue</b> 4:19 4:22 15:14 46:6 50:17 50:19 <b>issued</b> 7:17 57:16 <b>issues</b> 10:14	14:18 15:7 15:21 19:12 23:21 <b>I've</b> 7:20 21:10 21:11 31:25 32:5 32:19 32:21 33:8 39:22 <hr/> <b>J</b> <hr/> <b>Jackson</b> 48:23 49:1 49:1 <b>Jacquelyn</b> 27:24 29:8 <b>James</b> 25:22 47:22 48:5 48:7 <b>Jo</b> 11:19 11:19 12:12 19:13 <b>J-O</b> 12:13 <b>job</b> 13:15 17:25 18:19 <b>jobs</b> 28:6 28:15 33:2 35:20 40:1 40:11 <b>John</b> 12:14 13:2 <b>Johnny</b> 14:24 17:7 28:21 <b>Johnson</b> 4:8 24:21 25:7 29:3 38:1 38:2 38:2 38:3 38:10	38:10 38:11 38:14 38:18 38:21 38:22 39:9 39:10 57:25 58:17 58:23 59:3 <b>join</b> 25:2 <b>joined</b> 38:10 49:2 <b>joining</b> 49:3 <b>Jones</b> 24:19 25:5 29:1 <b>Jo's</b> 11:24 <b>Joshua</b> 56:8 56:10 56:13 <b>July</b> 11:13 58:8 <b>JUNE</b> 4:5 <b>justice</b> 8:3 18:4 18:9 18:11 18:24 19:2 19:5 19:7 19:8 34:3 52:16 <b>justice- related</b> 23:18 <hr/> <b>K</b> <hr/> <b>Kaitlyn</b> 56:8 56:8 <b>Kathy</b> 24:21 25:7 29:3
--	---	--	---

38:10 38:22	16:11 16:12	28:12 40:8	42:9 47:22
<b>Katrina</b>	<b>last</b> 12:23	<b>leak</b> 6:16	<b>lifetime</b> 6:11
30:8 30:8	18:22	15:23	<b>likely</b> 37:2
30:9	20:17	26:19	<b>limit</b> 11:8
<b>kayak</b> 33:12	24:11 25:4	35:13	<b>line</b> 44:22
<b>kayaking</b> 32:8	34:8 35:7	51:12 55:15	45:8 45:16
<b>Ken</b> 58:16	48:9 56:10	<b>least</b> 7:19	46:24
<b>Kent</b> 41:3	<b>late</b> 28:21	47:5	48:11
41:4 41:6	<b>launch</b> 33:12	<b>leaving</b> 34:24	52:25 53:2
<b>key</b> 28:14	<b>Lauren</b> 54:7	35:2	<b>lines</b> 51:15
<b>keys</b> 14:7	54:16	<b>LeBoeuf</b> 19:25	<b>lining</b> 48:2
14:10	<b>Lavergne</b>	19:25	<b>Lisa</b> 40:21
<b>kill</b> 37:10	27:25 29:9	28:23	40:22 42:7
<b>killing</b> 48:8	45:23	47:13	<b>L-I-S-A</b> 42:7
<b>KIRKLAND</b>	45:23	47:22 48:17	<b>list</b> 11:10
11:22 12:1	45:24 46:2	<b>legal</b> 8:21	28:20 46:22
44:4 58:15	46:5	23:24	<b>listed</b> 12:18
59:1	<b>law</b> 26:23	<b>Legislative</b>	<b>listen</b>
<b>Kudos</b> 32:16	<b>lawsuit</b> 24:5	49:9	14:15 38:4
	<b>LDEQ</b> 34:14	<b>lend</b> 37:18	52:23
	48:10	<b>less</b> 18:3	<b>listened</b>
<hr/>	<b>LDNR</b> 4:19	36:24	20:16
L	8:15 8:17	<b>Let's</b> 14:20	<b>listening</b>
<b>LA</b> 24:6 24:12	22:3 22:8	25:7 56:15	20:18
<b>lack</b> 16:15	22:19	<b>letter</b> 8:6	21:19 27:3
16:16	23:17	8:9 23:13	<b>little</b> 52:6
16:17 36:25	23:25 24:3	<b>letters</b> 17:19	<b>live</b> 10:21
<b>lacks</b> 24:3	34:14 35:5	<b>levees</b> 30:10	12:13
<b>lake</b> 31:25	58:4	<b>level</b> 38:25	12:19
31:25 32:6	<b>LE</b> 47:14	39:6 45:12	15:18 21:2
32:7 32:8	47:16	<b>liability</b>	21:11 22:1
55:20	47:21 48:18	26:21	22:1 22:2
<b>land</b> 21:14	<b>L-E</b> 47:23	<b>lies</b> 21:23	44:22 45:8
21:15	<b>lead</b> 46:14	<b>life</b> 6:18	48:10 53:2
<b>lands</b> 4:25	46:23	34:10 45:9	<b>lived</b> 21:11
<b>landscape</b>	<b>leader</b> 39:7	<b>lifelong</b> 34:2	33:6 54:22
37:4	<b>leaders</b> 27:15		<b>livelihoods</b>
<b>large</b> 15:24			

<p>28:7 55:19</p> <p><b>lives</b> 22:1 40:3</p> <p><b>living</b> 15:12 54:22</p> <p><b>L-M-A</b> 15:4</p> <p><b>lobbyists</b> 20:19</p> <p><b>local</b> 28:12 39:6 40:8</p> <p><b>locally</b> 54:21 57:7</p> <p><b>located</b> 4:24 9:7 9:21</p> <p><b>location</b> 15:10</p> <p><b>locations</b> 15:11 16:13 16:15 22:7 23:23</p> <p><b>log</b> 16:16</p> <p><b>long</b> 40:7 46:17 50:16 57:3</p> <p><b>longer</b> 21:23</p> <p><b>long-term</b> 5:22 35:16 35:18 35:19</p> <p><b>Lori</b> 53:7</p> <p><b>lose</b> 21:14 45:4</p> <p><b>losing</b> 32:12 32:13</p> <p><b>loss</b> 21:15</p>	<p>35:19</p> <p><b>lost</b> 44:3 45:2 45:5</p> <p><b>lot</b> 14:8 21:11 32:7 32:8 32:13 32:13 45:10 49:11 54:22 55:5 55:6 55:7 55:7</p> <p><b>lots</b> 17:18 33:7</p> <p><b>Louisiana</b> 4:15 4:18 7:21 7:23 8:2 8:8 12:13 12:18 12:22 13:1 13:8 13:10 13:13 14:9 15:4 15:25 15:25 16:14 17:15 17:20 17:21 17:22 17:25 18:7 19:19 19:20 20:13 20:14 20:22 21:3 21:11 21:12 21:16 21:19 21:20 22:3</p>	<p>22:12</p> <p>22:15</p> <p>22:17</p> <p>23:14 24:7</p> <p>25:22</p> <p>25:23 26:3</p> <p>26:22</p> <p>26:25 27:2</p> <p>27:10</p> <p>27:16</p> <p>27:21 28:4</p> <p>28:6 29:18</p> <p>29:21</p> <p>30:12</p> <p>30:16 33:9</p> <p>34:2 34:4</p> <p>34:6 34:9</p> <p>35:1 35:6</p> <p>35:22</p> <p>36:11</p> <p>38:22</p> <p>38:24 39:1</p> <p>39:22</p> <p>40:14</p> <p>40:15 42:9</p> <p>42:10</p> <p>42:16</p> <p>44:18 46:9</p> <p>46:10 47:6</p> <p>47:24 48:8</p> <p>49:4 49:9</p> <p>51:1 51:6</p> <p>51:8 51:8</p> <p>51:15 52:3</p> <p>54:19</p> <p>54:21</p> <p>55:10</p> <p>55:12 56:1</p> <p>57:1</p> <p><b>Louisianan</b> 32:25</p>	<p><b>Louisianans</b> 21:1 35:23 40:1</p> <p><b>Louisiana's</b> 4:3 4:23 7:20 7:24 8:4 8:14 8:21 8:25 12:18 23:10 23:12 24:6 34:15 39:7 59:6</p> <p><b>love</b> 13:14 13:14</p> <p><b>loved</b> 26:5</p> <p><b>loves</b> 21:18 52:7</p> <p><b>low</b> 13:6 13:7 51:24</p> <p><b>lower</b> 16:10 45:12 52:20</p> <p><b>loyal</b> 14:12</p> <p><b>loyalty</b> 13:16</p> <p><b>Lucia</b> 24:19 25:5 29:1</p> <p><b>lucky</b> 21:10</p> <hr/> <p>M</p> <hr/> <p><b>ma'am</b> 25:18 31:21 31:21 38:12 41:24 43:21 44:12 45:17 45:23 46:1</p>
---	--	---	---

47:19	45:2 48:6	<b>meets</b> 9:1	29:23
<b>MacMillan</b>	<b>Maurepas</b>	<b>member</b> 49:8	<b>mind</b> 38:16
20:8	31:25	<b>members</b> 15:12	<b>minute</b> 51:3
<b>Madam</b> 25:1	31:25 32:6	15:13	<b>minutes</b> 14:20
<b>mail</b> 16:21	32:8 55:20	15:18	38:16 42:6
<b>main</b> 47:6	<b>may</b> 9:7 9:9	17:20	<b>misbehaving</b>
<b>maintaining</b>	9:17 10:7	35:17 45:2	14:4
28:11 40:6	11:12	45:3 52:25	<b>mismanagement</b>
<b>major</b> 15:14	41:17 49:8	<b>memorandum</b>	57:3
<b>manage</b>	58:18 58:18	7:22 18:2	<b>mismanaging</b>
34:21	<b>maybe</b> 12:21	<b>mention</b> 35:10	34:12
35:13	25:2 32:5	<b>mentioned</b>	<b>missed</b> 39:12
37:13 39:5	33:5 53:10	10:16	<b>Mississippi</b>
<b>managed</b> 35:4	<b>MD</b> 17:1	18:21	22:6 35:9
<b>management</b>	<b>meadow</b> 33:13	34:14	48:2
35:10 57:4	<b>mean</b> 44:8	34:25 35:7	<b>mist</b> 26:9
57:10 57:10	46:13	<b>merits</b> 29:20	26:12
<b>managerial</b>	<b>means</b> 37:2	<b>metal</b> 51:11	<b>mitigating</b>
6:4	37:5 37:11	<b>metals</b> 26:19	23:23
<b>managing</b>	<b>meant</b> 20:16	<b>methods</b> 11:14	<b>mitigation</b>
34:11	<b>meantime</b>	<b>metropolitan</b>	8:13 18:21
<b>mandate</b> 34:21	30:24	48:3	18:21
<b>manifest</b>	<b>measures</b> 8:13	<b>mic</b> 11:24	<b>MOA</b> 8:5 8:8
36:25 37:1	23:23	25:13 28:2	18:8 18:10
<b>manifests</b>	<b>mechanism</b> 7:5	36:5 50:2	<b>modeling</b> 6:9
36:21	<b>media</b> 12:20	<b>microphone</b>	<b>mom</b> 51:20
<b>manner</b> 9:3	33:8	11:5 11:9	<b>moment</b>
10:2	<b>medic</b> 32:21	45:23 50:11	30:22 36:1
<b>market</b> 27:11	<b>medical</b>	<b>Microsoft</b> 4:4	37:22
<b>Martha</b> 31:7	13:7 32:19	9:16 9:17	40:25 43:16
<b>material</b> 37:9	<b>meet</b> 5:12 6:1	11:4	<b>moms</b> 52:24
<b>materials</b> 9:8	6:3 28:15	<b>migrate</b> 15:16	<b>money</b> 37:18
<b>Matt</b> 17:10	40:11	16:3	55:6 55:7
17:13	<b>meeting</b> 58:3	<b>migrating</b>	<b>monitor</b> 39:5
<b>matter</b> 26:1	<b>meetings</b>	16:12	<b>monitoring</b>
	18:12 18:14	<b>million</b> 46:9	6:18 6:21
		<b>millions</b>	

6:22 6:24	4:19 17:24	<b>novel</b> 57:8	37:20 38:1
7:11	21:7 21:8	<b>numerous</b> 48:6	38:5 38:9
<b>Monroe</b>	23:14	51:15	38:12
27:10 38:22	26:25 34:6	_____	38:15
<b>Montana</b> 32:23	35:22 39:1	0	38:19 39:9
32:24	49:5 49:10	_____	39:11
<b>months</b> 45:3	<b>nausea</b> 26:4	<b>observer</b> 41:7	39:15
<b>mother</b> 48:15	<b>necessary</b>	<b>obtain</b> 6:4	39:18
<b>move</b> 25:7	36:14	<b>occurred</b>	40:17
51:18	<b>neighborhood</b>	16:14	40:21 41:3
<b>movement</b> 6:13	32:18	<b>occurring</b>	41:6 41:10
<b>Moving</b> 9:19	<b>neighbors</b>	51:16	41:18
<b>multiple</b> 5:22	26:3	<b>O-E-U</b> 47:23	41:23 42:1
23:17	<b>Nelson</b>	<b>Office</b> 4:12	42:4 42:21
<b>mute</b> 50:6	27:23 29:7	23:14	43:7 43:12
50:10	<b>Network</b>	<b>officer</b>	43:21
<b>muted</b> 11:9	15:5 36:10	4:13 9:11	43:23 44:2
25:11 56:17	<b>News</b> 12:19	9:13 9:22	44:7 44:11
<b>M-Y-R</b> 44:16	<b>NGO</b> 12:16	10:7 12:7	44:14
<b>Myrtle</b> 20:1	<b>N-I-E</b> 31:24	12:10	45:17
27:7 28:24	<b>nights</b> 52:5	13:19	45:19
29:6 44:2	<b>Nine</b> 7:11	14:17 15:1	45:22
44:3 44:4	<b>Nobody</b> 27:15	17:4 17:7	45:25 46:3
44:4 44:8	<b>noncompliance</b>	17:12	47:10
44:9 44:16	34:17	19:21	47:13
<b>myself</b>	<b>nonenforcemen</b>	19:24 20:5	47:15
22:23 55:9	<b>t</b> 34:17	22:24 23:4	47:18
_____	<b>nor</b> 49:10	24:14	48:17
N	<b>notated</b> 58:21	24:17	48:19
<b>Nagel</b> 54:7	<b>note</b> 11:11	24:19 25:4	48:21
54:7 54:10	11:13	25:14	48:24
54:14	41:11 42:5	25:18 27:4	49:19
54:16 56:4	<b>nothing</b> 18:10	27:7 27:22	49:22 50:4
<b>national</b> 24:8	18:16 52:8	28:19	50:8 50:16
32:24	<b>notice</b>	30:18 31:7	50:22 51:2
<b>nation's</b> 5:3	11:15 43:19	31:14	53:4 53:7
<b>natural</b>		31:17	53:13
		31:19	53:21 54:3
		33:21	54:9 54:12
		33:23	54:15 56:4
		35:25 36:7	56:7 56:12
			56:14

56:18	31:21	<b>old</b> 32:21	22:23 34:3
56:23	31:21	32:25	<b>organizations</b>
57:20	37:23 38:5	<b>ones</b> 26:5	20:10
57:23 59:2	38:15	<b>online</b> 30:24	<b>organizers</b>
<b>officially</b>	38:17	<b>open</b> 31:1	52:25
11:6	39:13	31:1	<b>origin</b> 24:8
<b>Oh</b> 15:1	39:19	<b>opening</b> 43:8	<b>original</b>
23:5 25:17	39:20	<b>opens</b> 9:17	58:13
25:18 28:3	40:18	<b>operating</b> 7:3	<b>Orleans</b> 17:15
<b>oil</b> 15:21	40:25 41:8	7:12	48:2 54:17
16:14	41:11	<b>operation</b>	<b>orphaned</b> 16:1
20:19	41:18 42:4	6:11	16:5
20:20	42:7 43:16	<b>operations</b>	<b>others</b> 14:5
20:24 21:9	43:18	16:19	34:8
21:23 22:9	43:21	<b>operators</b>	<b>Otherwise</b>
26:21 27:1	43:23	5:24 8:15	10:9
27:19 28:5	43:24 44:3	<b>opinion</b> 44:18	<b>ourselves</b>
30:2 30:4	44:7 44:14	<b>opinions</b>	21:4 55:4
30:7 33:6	44:15	10:11	55:18
34:22	44:16	<b>opportunity</b>	<b>outsourcing</b>
36:16	45:19	10:23	57:4
39:23	45:20 46:4	12:12 17:2	<b>overburdened</b>
39:25 48:1	46:5 47:11	28:17 49:18	51:25
51:17	47:18	<b>opposed</b> 46:8	<b>over-impacted</b>
<b>okay</b> 11:20	47:18	<b>opposition</b>	19:9
11:21 12:3	47:20	54:18	<b>overseeing</b>
12:5 12:10	47:21 50:4	<b>oral</b> 11:15	38:25
12:11	50:22	58:5	<b>overtime</b> 33:4
13:17	50:23 51:4	<b>order</b> 10:14	33:4
14:22 15:2	53:9 53:13	58:13 58:22	<b>overwhelmed</b>
20:4 20:6	53:17	<b>orderly</b> 10:2	37:6
20:7 22:13	53:22 54:9	<b>organic</b> 16:9	<b>overwhelming</b>
23:1 23:2	54:13	<b>organization</b>	18:6
23:3 24:22	54:14	11:2 11:2	<b>overwhelmingl</b>
25:7 25:17	54:15	12:15 17:14	<b>y</b> 17:19
25:20	54:16		18:15
28:20	56:12		
29:14 30:6	56:20		
30:21 31:4	56:25		
31:12 31:14	57:20		
	58:20 58:23		



<b>owners</b> 5:24 8:15	<b>Pause</b> 11:25	7:15 7:16	<b>pigs</b> 13:22
<b>oxygen</b> 22:5 26:14	<b>pay</b> 33:10	7:17 8:11	<b>pinpoint</b> 52:9
<b>Ozane</b> 49:23	<b>paying</b> 28:6 33:20 40:1	22:2 23:19	<b>pipeline</b> 24:1 34:18 35:8 35:11
49:23	<b>pelicans</b> 32:7 32:9	24:4 26:2	35:14
49:24	<b>people</b> 10:9	57:3 57:16	36:15 36:22
50:25	10:20	<b>permits</b>	<b>pipelines</b>
50:25 51:5	11:18	4:19 18:19	16:8 26:17
51:6 53:4	17:21	42:17	26:19
<hr/>	20:10	<b>permittee</b>	36:20
P	21:12 22:1	18:18	36:23 48:3
<hr/>	22:18	<b>permitting</b>	51:11
<b>p.m</b> 4:6	26:13	7:8 7:12	<b>places</b>
31:1 59:7	26:22	7:14 22:12	21:11 22:16
<b>page</b> 18:4	27:21	24:9 49:14	<b>plan</b> 34:9 57:4
<b>paid</b> 33:19 34:25	28:21 30:2	<b>person</b> 11:9	<b>planet</b> 34:13
<b>paradise</b> 52:4	33:2 33:8	21:17 25:4	<b>planning</b>
<b>Parish</b>	34:12	34:25 41:19	16:18
12:14	34:15 35:1	<b>personnel</b>	<b>plans</b> 7:10
25:22	35:6 42:13	10:16 35:10	<b>plant</b> 33:3
29:18	45:1 51:24	<b>petrochemical</b>	<b>plantation</b>
47:23 48:5	52:23 53:1	25:24 51:22	48:3
<b>park</b> 32:24	54:22 55:6	<b>phases</b> 7:6	<b>plants</b>
<b>participation</b>	<b>people's</b> 30:3 32:14 32:23	<b>phasing</b> 54:24	25:24
8:10	<b>per</b> 10:22	<b>PHMSA</b> 36:19	26:16 30:1
<b>particular</b>	<b>percent</b>	<b>phone</b> 25:2	48:1
29:20 48:7	46:8 48:9	41:11	<b>play</b> 46:25
<b>particularly</b>	48:10	41:13	<b>played</b>
15:13 51:24	<b>percentile</b>	41:15	28:14 52:5
<b>particulate</b>	13:4	41:20 44:8	<b>plays</b> 52:5
26:1 48:6	<b>perhaps</b> 53:17 53:23	47:16	<b>Plaza</b> 42:8
<b>passionate</b>	<b>period</b> 7:7	48:22	<b>please</b>
10:13	8:18 19:18	50:12	10:25 11:2
<b>past</b> 38:23	20:11	50:20	11:3 11:11
<b>pathways</b> 6:13	<b>permit</b> 6:2 6:4 7:13	53:14	11:16
		53:15 53:16	
		<b>phonetic</b> 17:9	
		19:25 24:19	
		<b>physical</b> 6:21	

11:20	52:1	17:25	40:10
14:22	<b>pollution</b>	27:15 35:13	54:19 56:1
22:11	15:19 18:7	<b>prescribed</b>	58:3 59:6
22:17	19:10	11:14	<b>primary</b>
24:23	22:20	<b>presentation</b>	4:16 5:12
29:12	44:22 45:6	24:1	27:13
33:19 38:7	45:8 45:11	<b>presenter</b>	<b>prior</b> 54:11
40:25 41:8	45:12	24:25 44:6	<b>privacy</b> 8:3
41:11	46:14 48:1	<b>presents</b> 18:1	<b>probably</b>
41:11	48:14	<b>press</b> 11:20	19:17
41:12	<b>poor</b> 34:15	<b>pressing</b> 11:4	<b>problem</b> 29:20
41:13 42:5	<b>poorly</b> 35:4	<b>pressure</b> 6:22	55:1
45:20	<b>portal</b> 11:5	16:10	<b>problems</b> 26:5
49:20	<b>portals</b> 9:17	<b>pressures</b>	<b>procedures</b>
53:14 54:4	<b>posit</b> 46:16	16:12	9:12 9:25
54:5 56:7	<b>position</b> 39:7	<b>pressurized</b>	<b>proceeding</b>
56:19	<b>possible</b>	22:4	43:20
<b>plenty</b> 33:2	50:13	<b>pretty</b> 49:17	<b>proceedings</b>
33:3	<b>post-</b>	<b>previous</b>	11:25
<b>plugged</b> 15:22	<b>injection</b>	34:24	<b>process</b>
15:24 16:5	7:7	<b>previously</b>	8:10 8:17
<b>plume</b> 6:25	<b>potential</b>	10:16 16:4	49:14 57:5
<b>plus</b> 57:4	6:13 15:15	<b>price</b> 33:19	57:8 57:16
<b>PM</b> 48:7 48:7	15:17	<b>primacy</b> 4:3	57:18
<b>point</b> 36:17	49:15	4:17 5:13	<b>processes</b>
36:21	51:12 51:15	5:15 8:21	8:12 36:16
<b>points</b> 18:2	<b>potentially</b>	12:18	<b>produce</b> 25:25
<b>poison</b> 53:2	46:24 46:25	17:17	26:16
<b>poisoned</b>	<b>power</b> 43:2	19:13 22:2	<b>producing</b>
26:11 35:17	43:2 43:3	22:11	39:7
<b>policies</b> 24:9	43:3 43:4	23:11	<b>production</b>
<b>pollutants</b>	<b>powers</b> 43:5	27:17	55:3
26:1 26:17	<b>predecisional</b>	28:12	<b>professional</b>
47:7	24:10	28:14 34:7	23:7
<b>pollute</b> 46:13	<b>predicted</b>	35:5 35:23	<b>Professor</b>
<b>pollutes</b>	6:10 7:2	36:11 37:4	15:20
20:20	<b>prepared</b>	37:14	<b>program</b>
<b>polluting</b>		37:19 40:8	

4:16 4:21 4:23 5:1 5:13 5:14 5:16 5:16 5:20 6:2 6:5 7:21 7:25 8:5 8:14 8:23 9:3 17:17 23:11 23:16 23:16 23:17	18:5 20:16 28:14 33:16 33:20 40:7 40:10 46:20 48:11 48:12 55:17	<b>psychosocial</b> 32:14 <b>public</b> 4:1 5:2 5:3 7:16 8:10 8:18 9:12 10:21 18:9 37:17 37:18 43:10 43:16 58:3 59:5	<b>quote</b> 23:14 24:3 <hr/> R <hr/> <b>R-A</b> 15:4 <b>race</b> 24:7 <b>racism</b> 20:21 <b>Raffensperger</b> 36:6 36:8 36:9
<b>programs</b> 5:7 5:8	<b>protected</b> 13:12 24:7 27:19	<b>publicly</b> 19:1	<b>raise</b> 11:3 11:20 14:23 29:12 40:25
<b>project</b> 6:7 6:19 7:7 12:15	<b>protecting</b> 13:15 34:15 40:12 45:7	<b>publish</b> 10:18	<b>raised</b> 11:4 36:3 57:11
<b>projects</b> 27:18 44:20	<b>protection</b> 9:20 20:15 33:20 45:16	<b>published</b> 58:6	<b>raising</b> 25:11
<b>properties</b> 26:18	<b>protections</b> 8:12	<b>purpose</b> 5:21 5:25	<b>ran</b> 30:21
<b>proposal</b> 8:1	<b>protective</b> 5:17 7:14	<b>purposes</b> 9:4	<b>rank</b> 13:6 13:7
<b>propose</b> 23:22	<b>protects</b> 5:2 33:15 37:16 37:17	<b>putting</b> 40:16 <hr/> Q <hr/>	<b>ranked</b> 12:22
<b>proposed</b> 4:2 4:10 4:14 4:18 9:6 9:7 9:24 10:4 10:12 15:12 34:6 34:19 35:24 51:23 57:19 59:6	<b>protein</b> 33:7	<b>qualified</b> 23:21	<b>rates</b> 13:3 13:5 22:4
<b>proposes</b> 4:22	<b>protocol</b> 50:14	<b>quantities</b> 16:11	<b>rather</b> 10:1 10:11
<b>proposing</b> 8:24	<b>prove</b> 52:19	<b>Quentin</b> 56:25	<b>reach</b> 41:13 58:19 58:20 58:21
<b>protect</b> 5:9 5:23 15:9 15:10 18:1	<b>proven</b> 13:25	<b>question</b> 58:15	<b>ready</b> 12:8 12:9 17:10 20:6 23:2 25:19 27:8 28:1 31:21 33:17 33:24 38:20 39:19 44:15 46:3
	<b>provide</b> 4:9 17:2	<b>questioned</b> 10:10	
	<b>provided</b> 28:5	<b>questions</b> 10:8 10:17 43:10 43:16	
	<b>provides</b> 5:22 39:25	<b>quick</b> 41:20 50:6	
	<b>provisions</b> 5:6	<b>quite</b> 10:13 32:4	

47:19 51:3 54:13 54:14 56:24 <b>real</b> 41:20 50:6 57:2 57:18 <b>really</b> 22:3 33:15 57:1 <b>reason</b> 29:25 52:13 <b>reasons</b> 19:15 24:15 24:16 34:7 36:11 46:12 <b>rebuild</b> 55:17 <b>receive</b> 6:2 <b>received</b> 16:7 <b>recent</b> 24:16 <b>recently</b> 24:5 52:2 <b>recess</b> 31:6 31:13 37:25 38:8 39:14 40:20 41:2 41:9 44:1 45:21 47:12 48:20 49:21 53:6 53:12 53:20 54:2 56:6 56:16 57:24 <b>recognize</b> 28:11 <b>recognized</b> 5:11	<b>reconnect</b> 11:17 <b>reconsider</b> 24:16 <b>record</b> 9:23 10:3 10:9 11:1 11:10 20:9 30:22 31:4 31:12 34:21 37:23 38:7 39:13 40:19 41:1 41:8 41:10 43:24 45:20 46:19 47:11 48:19 49:20 53:5 53:11 53:18 54:1 54:3 56:5 56:15 56:19 57:9 57:23 <b>recorded</b> 43:13 <b>recording</b> 43:17 <b>records</b> 34:15 <b>recovery</b> 36:16 <b>red</b> 33:7 33:10 33:12 33:13 57:12 <b>referred</b> 4:17 <b>referring</b>	41:21 <b>refineries</b> 47:7 <b>regarded</b> 38:24 <b>Region</b> 4:11 9:20 <b>Regional</b> 4:12 <b>register</b> 9:8 10:19 43:14 58:6 <b>registered</b> 9:15 10:21 <b>regular</b> 27:1 <b>regulate</b> 5:8 22:10 27:1 34:22 49:13 <b>regulates</b> 5:20 <b>regulating</b> 5:3 49:14 <b>regulations</b> 7:18 8:23 9:5 36:14 36:18 36:20 37:16 49:12 <b>regulatorily</b> 36:13 <b>regulatory</b> 6:1 7:13 8:12 19:2 37:4 37:12 <b>Reid</b> 20:3 20:4 20:5 20:6 20:7 20:8 22:24	50:1 50:1 50:10 50:12 50:21 50:23 <b>reiterate</b> 49:7 <b>relate</b> 23:10 <b>related</b> 10:3 10:12 <b>relative</b> 57:12 <b>release</b> 52:18 <b>released</b> 16:11 <b>releases</b> 52:14 <b>releasing</b> 26:11 <b>relevant</b> 10:3 <b>rely</b> 21:20 40:2 <b>remain</b> 40:9 <b>remains</b> 27:12 27:20 40:4 <b>Remchuk</b> 17:9 28:22 <b>remedial</b> 7:10 <b>reminder</b> 58:7 <b>renewable</b> 22:20 55:23 <b>Repeat</b> 41:25 <b>replace</b> 21:14 21:16 <b>replanted</b> 32:11 <b>report</b>
--	--	--	--

<p>23:19 49:9</p> <p><b>reporter</b> 41:5</p> <p>43:14</p> <p>50:18</p> <p>58:13</p> <p>58:20</p> <p>58:24 59:4</p> <p><b>reporting</b></p> <p>7:11 36:24</p> <p>37:2</p> <p><b>representing</b></p> <p>11:1</p> <p><b>represents</b></p> <p>58:1</p> <p><b>request</b> 12:18</p> <p>20:12</p> <p><b>requested</b></p> <p>20:11</p> <p><b>requesting</b></p> <p>19:17</p> <p><b>require</b> 8:15</p> <p><b>required</b> 8:19</p> <p>23:12</p> <p><b>requirements</b></p> <p>5:5 5:11</p> <p>5:17 5:19</p> <p>6:1 6:4 6:15</p> <p>6:15 6:20</p> <p>7:3 7:13</p> <p>7:14 9:1</p> <p>23:18 26:24</p> <p><b>requires</b></p> <p>5:5 6:3</p> <p><b>requiring</b></p> <p>23:18 23:22</p> <p><b>research</b></p> <p>29:23</p> <p><b>reset</b> 17:5</p>	<p>23:1</p> <p><b>reside</b> 25:22</p> <p><b>resident</b></p> <p>20:14</p> <p>29:18 34:2</p> <p>42:9 47:22</p> <p>54:17 57:1</p> <p><b>residents</b></p> <p>14:11 24:7</p> <p><b>resistance</b></p> <p>57:2</p> <p><b>resort</b> 18:22</p> <p><b>resources</b></p> <p>4:19 5:4</p> <p>15:16</p> <p>17:24</p> <p>23:14</p> <p>26:25 34:7</p> <p>35:22 39:1</p> <p>49:5 49:10</p> <p>49:11 55:23</p> <p><b>respiratory</b></p> <p>26:5 32:20</p> <p><b>responders</b></p> <p>22:7</p> <p><b>responding</b></p> <p>10:17</p> <p><b>response</b> 7:10</p> <p>10:18</p> <p><b>Responses</b></p> <p>58:5</p> <p><b>responsibilit</b></p> <p><b>ies</b> 19:3</p> <p>37:7</p> <p><b>responsibilit</b></p> <p><b>y</b> 4:17</p> <p>5:13 34:12</p> <p>39:2</p>	<p><b>responsible</b></p> <p>9:22 14:11</p> <p><b>rest</b> 34:10</p> <p><b>result</b> 8:24</p> <p>9:17 16:18</p> <p>16:19</p> <p><b>results</b></p> <p>7:11 8:17</p> <p>18:13</p> <p>22:19 24:4</p> <p><b>rethink</b> 55:25</p> <p><b>revenue</b> 48:8</p> <p><b>review</b> 6:9</p> <p>6:9 8:12</p> <p>8:16 8:17</p> <p>8:24 9:7 9:8</p> <p>23:19 24:4</p> <p>24:11 58:7</p> <p><b>reviewed</b></p> <p>8:4 15:5</p> <p>16:7</p> <p><b>reviewing</b></p> <p>7:18</p> <p><b>reviews</b> 23:20</p> <p><b>revision</b> 4:15</p> <p>4:18</p> <p><b>rights</b> 8:11</p> <p>42:13</p> <p>42:17 43:4</p> <p><b>risk</b> 18:6</p> <p>35:23 51:10</p> <p><b>risks</b> 18:1</p> <p>21:6 51:19</p> <p><b>River</b> 48:2</p> <p><b>road</b> 14:2</p> <p>47:2 47:3</p> <p>47:3</p>	<p><b>robust</b> 37:12</p> <p><b>rock</b> 5:21</p> <p>55:15</p> <p><b>rocks</b> 51:13</p> <p><b>Rodriguez</b></p> <p>31:8 31:8</p> <p><b>Roishetta</b></p> <p>49:22</p> <p>49:23 50:3</p> <p>50:5 50:8</p> <p>50:11</p> <p>50:12</p> <p>50:24</p> <p>50:25 51:5</p> <p><b>role</b> 28:14</p> <p><b>Rosborough</b></p> <p>58:17</p> <p><b>Rota</b> 17:10</p> <p>17:10</p> <p>17:11</p> <p>17:13</p> <p>17:13</p> <p>19:21</p> <p>19:22 19:24</p> <p><b>Rouge</b> 27:16</p> <p>46:21 48:1</p> <p>49:1 57:1</p> <p>58:11</p> <p><b>rubber</b> 35:21</p> <p><b>rule</b> 4:22 9:9</p> <p>10:22</p> <p><b>rules</b> 7:19</p> <p><b>running</b> 26:17</p> <p><b>rupture</b> 35:14</p> <p>35:16</p> <p><b>ruptured</b> 35:8</p> <p><b>Russel</b> 25:9</p>
---	--	--	---

29:5	4:11 4:15	<b>Seven</b> 7:5	17:10 25:1
<hr/>	5:10 9:2	<b>several</b>	27:22 38:3
<hr/> s <hr/>	23:12	40:1 42:17	38:6 38:18
<b>Safe</b> 4:15 5:2	<b>seek</b> 14:2	<b>severe</b> 57:17	39:18 56:23
5:4 5:9	<b>seeking</b> 5:15	<b>share</b> 28:17	<b>site</b> 6:6
9:2 9:4	<b>seem</b> 45:11	33:18 44:18	6:6 6:22 7:7
<b>safeguard</b>	<b>seems</b> 24:12	<b>Shayne</b> 25:8	7:8 23:23
28:16	24:13 30:4	29:4	55:12
<b>safeguards</b>	<b>seen</b> 22:6	<b>she's</b> 33:16	<b>sitting</b> 20:18
5:22	22:19 26:5	50:14	<b>situation</b>
<b>safety</b> 15:7	32:5 32:19	<b>shift</b> 51:14	16:20 54:20
24:2 37:17	<b>seismic</b> 6:21	<b>shifted</b> 26:21	<b>situations</b>
<b>Saint</b> 12:14	<b>seizure</b> 52:8	<b>short</b> 45:9	16:8 16:19
13:1 25:22	<b>seizures</b> 52:9	<b>showed</b> 14:4	<b>six</b> 7:3 51:20
28:4 47:22	52:13	<b>showing</b> 30:14	<b>skin</b> 51:21
48:5 48:7	<b>sends</b> 44:24	<b>shown</b> 30:16	<b>skip</b> 21:10
<b>sake</b> 33:16	<b>senior</b> 23:25	39:1	<b>slap</b> 26:13
33:16	<b>sensationaliz</b>	<b>shows</b> 13:8	<b>slave</b> 48:2
<b>Samuel</b> 17:9	<b>ing</b> 12:21	13:25	<b>sleep</b> 32:13
28:22	<b>sent</b> 17:18	14:10 49:9	<b>Slide</b> 24:2
<b>Satartia</b> 22:6	<b>sentence</b> 22:3	<b>shy</b> 47:4	<b>smell</b> 37:11
35:8	<b>sequestered</b>	<b>sic</b> 11:12	<b>snowy</b> 32:3
<b>scheduled</b>	36:22	55:19	<b>soil</b> 27:3
16:25	<b>sequestering</b>	<b>sick</b> 22:18	46:14
<b>Science</b> 36:9	54:19	32:18 44:24	<b>solution</b>
<b>scientists</b>	<b>sequestration</b>	<b>sign</b> 53:23	22:21
46:16	4:20 5:25	<b>signals</b> 44:24	<b>Solutions</b>
<b>screen</b> 29:11	7:6 17:23	<b>signed</b> 11:19	20:14
<b>screening</b>	24:1 34:18	<b>signs</b> 33:2	<b>somebody</b>
23:20	35:3 36:15	<b>Simmons</b>	24:22
<b>second</b>	<b>serve</b> 51:18	53:7 53:8	30:23
11:23	<b>service</b> 23:8	53:9 53:10	30:25 48:21
21:19	<b>session</b> 11:17	<b>simple</b> 10:1	<b>someone</b>
22:25	53:23	<b>single</b> 21:17	49:3 53:14
31:19	<b>setting</b> 10:22	<b>sir</b> 11:22	<b>son</b> 52:3 52:5
31:21 38:16			<b>sorry</b> 16:23
<b>section</b>			

31:22	<b>Spent</b> 32:24	27:20 33:9	18:25 19:7
41:25 46:6	<b>spill</b> 30:7	33:18	19:8 43:9
49:2 50:2	33:6	34:11	43:17
50:10 51:5	<b>spoke</b> 19:14	34:19	<b>states</b> 5:11
54:7 56:18	31:22	34:24	24:2 37:5
<b>sorts</b> 35:19	<b>spoken</b> 21:18	38:25	37:6
<b>source</b> 35:12	<b>sports</b> 52:4	39:24	<b>state's</b> 8:4
<b>sources</b> 5:9	<b>sportsmen's</b>	40:11 48:9	8:22 39:4
5:18	52:3	49:11 57:7	<b>States</b>
<b>Southwest</b>	<b>Springfield</b>	57:7 57:13	28:15 39:8
17:21 51:6	42:9 42:10	<b>stated</b> 19:1	40:12
51:8	42:16	34:8	<b>stats</b> 48:10
<b>speak</b> 11:19	<b>stable</b> 28:5	<b>statement</b>	<b>statute</b> 5:2
17:16	39:25	7:21 11:7	<b>statutes</b> 19:4
18:17	<b>staff</b> 23:25	23:25	<b>statutorily</b>
30:19	<b>stamping</b>	29:11 31:3	19:3
31:23	35:21	31:11	<b>statutory</b>
33:24	<b>standards</b>	31:11 36:2	23:10 24:3
50:18 54:18	28:12 40:6	36:2 37:21	<b>stay</b> 30:24
<b>speaker</b> 10:22	<b>start</b> 11:6	38:2 38:13	34:9 44:24
12:2 31:15	51:3 54:13	38:17	<b>Sterlington</b>
37:24 43:25	55:22	38:21 39:8	39:22
<b>speakers</b> 9:15	<b>starting</b>	40:24 41:4	<b>stocked</b> 33:11
30:21	13:17 32:2	41:12	<b>stop</b> 33:19
<b>speaking</b>	<b>state</b> 4:24	41:14	55:9
20:13	5:6 5:15	41:24 42:2	<b>storage</b>
29:17 50:6	5:16 7:18	42:22 43:8	5:22 15:6
52:24	8:2 8:7	43:13	15:6 15:10
<b>specifically</b>	9:2 10:25	43:18	15:14
24:2 39:4	12:19	44:12	16:19
<b>specifies</b>	12:24	48:16	36:12
8:15	13:14	48:22	37:15
<b>specs</b> 30:11	13:15	50:17	48:12
<b>spell</b> 10:25	13:25 14:9	50:19 51:4	48:13 51:7
42:5	14:12 21:2	53:8 53:25	<b>story</b> 12:21
<b>spelled</b> 47:23	21:24	54:11 56:3	<b>straws</b> 51:18
<b>spend</b> 55:22	22:13 24:9	56:9 56:10	<b>stream</b> 6:23
	27:14	56:21	
		<b>statements</b>	
		10:15 14:20	

<b>strength</b> 28:13	15:5	20:18	<b>tarnished</b> 46:19
<b>strict</b> 6:3	<b>subsurface</b> 15:9 15:15	<b>supporting</b> 9:8	<b>tax</b> 37:18
<b>stringent</b> 5:17 7:19	16:3 16:3	<b>supposed</b> 33:5	55:7
8:23	16:17	<b>sure</b> 13:23	<b>teams</b> 4:4
<b>strong</b> 27:20 28:8	<b>success</b> 28:14	49:2 50:22	9:16 9:17
40:4 40:6	<b>suffer</b> 48:15	53:8 53:15	11:5 25:3
40:9	<b>suffering</b> 26:6 51:21	54:7 54:10	41:12
<b>struggling</b> 35:1	<b>sufficient</b> 7:5	<b>surface</b> 5:4	50:18 52:4
<b>studied</b> 15:21	<b>sugarcane</b> 25:24	15:11	<b>technical</b> 6:3
<b>studies</b> 12:23	<b>suggestion</b> 12:1	15:16 16:4	8:20 14:18
13:24	<b>sulfide</b> 26:9 26:12	<b>surrounded</b> 25:24	52:22
<b>stuff</b> 55:8	<b>sulfuric</b> 26:9	<b>surrounding</b> 6:25 46:22	<b>technically</b> 36:12 36:16
<b>S-U</b> 15:4	26:12	<b>survive</b> 15:18	<b>technology</b> 13:24
<b>subjected</b> 52:18	<b>summarized</b> 7:20	21:21 45:12	<b>telephone</b> 24:22 24:25
<b>submit</b> 23:19 58:8	<b>summary</b> 4:9	<b>system</b> 37:12 37:16	<b>ten</b> 21:11
<b>submitted</b> 11:14	<b>sums</b> 49:17	<b>systems</b> 16:9 16:10	47:2
16:21	<b>sun</b> 55:23	32:23	<b>term</b> 46:17
23:13	<b>supersede</b> 42:18 43:5	<hr/> <b>T</b> <hr/>	<b>terms</b> 9:4
23:16 31:23	43:5	<b>taking</b> 4:8	36:17
<b>submitting</b> 17:18	<b>supersedes</b> 43:2	9:23 17:16	<b>terrible</b> 55:1
19:15 22:22	<b>supplement</b> 33:6	37:7 43:15	<b>territories</b> 5:11
<b>Subra</b> 14:22	<b>supply</b> 5:3	<b>talk</b> 14:15	<b>testimony</b> 4:8
14:22	<b>support</b> 19:6 19:8	18:9 18:12	16:23
14:25 15:3	19:9	33:2 50:12	<b>testing</b> 6:18 6:20
15:3 17:4	<b>supporters</b>	<b>talked</b> 58:18	7:11 22:17
19:14		<b>talking</b> 30:2 33:9	<b>tests</b> 22:19
<b>subsequently</b> 23:22 23:25		<b>talks</b> 18:12	<b>Texas</b> 9:21
<b>substantial</b>		<b>Tangipahoa</b> 29:18	16:8
		<b>Taproot</b> 34:2	<b>texting</b> 50:15
			<b>thank</b> 9:14
			12:11



14:14	52:21 53:3	28:18 49:17	47:25 48:9
14:16	53:4 54:14	<b>thousands</b>	48:10
14:17	56:2 56:4	19:17	<b>topic</b> 16:22
14:19 15:1	56:13	19:20 40:1	21:25 47:1
15:3 17:2	56:14	40:11	<b>totaled</b> 52:11
17:4 19:21	57:20	<b>three-</b>	<b>totaling</b>
19:24 20:7	57:22 58:9	<b>minute</b> 10:22	52:10
20:9 22:23	58:10	11:6 11:8	<b>towards</b> 18:2
22:24	58:11	54:13	<b>town</b> 12:13
24:17	58:24 59:3	<b>throughout</b>	<b>toxic</b> 21:20
24:18 27:3	59:4	6:18 17:20	21:22
27:4 27:21	<b>thankfully</b>	17:20	22:12
27:22	35:15	17:21 26:17	25:25 37:10
28:17	<b>Thanks</b> 17:13	<b>thus</b> 48:14	<b>toxins</b> 55:14
28:19	<b>themselves</b>	<b>Tiboe</b> 42:8	<b>track</b> 34:15
30:17	30:13 30:17	<b>timbered</b>	34:21
30:18 31:4	<b>therapist</b>	29:22	<b>traditional</b>
31:12	32:20	<b>timeclock</b>	27:12
33:20	<b>therefore</b>	14:19	<b>transcript</b>
33:21	19:4 19:13	<b>timer</b> 31:20	58:14
33:22	35:12 48:11	<b>title</b> 12:25	<b>transition</b>
35:24	<b>therein</b> 48:15	<b>T-L-E</b> 44:17	21:21
35:25 36:8	<b>there's</b> 13:24	<b>today</b> 4:10	<b>transparency</b>
37:19	18:16	10:5 12:12	57:13
37:20 38:4	29:14	12:17	<b>traveled</b>
39:9 39:10	32:13 45:1	14:15	32:23
39:20	45:9 55:5	19:14 21:1	<b>treatment</b>
40:16	55:7 55:13	23:10 34:5	16:25
40:16	<b>they're</b>	34:8 45:5	<b>trees</b> 29:23
40:17	21:7 21:8	52:21	32:2 32:12
40:19 41:1	22:18	<b>today's</b>	<b>Treffinger</b>
43:7 43:21	24:25 33:5	4:14 10:14	20:2 28:25
43:25	33:5	10:17	33:24
45:17	<b>they've</b> 29:21	<b>Tommy</b> 38:1	33:25 34:1
45:18 46:5	29:21 30:1	38:2	<b>T-R-E-F-F-I-</b>
47:9 47:10	<b>third-party</b>	<b>tonight</b> 58:9	<b>N-G-E-R</b> 34:1
48:17	23:21	<b>top</b> 11:4	
48:18	<b>thoughts</b>		
49:18			
49:19			
50:21 52:11			

<b>trial</b> 10:6	5:22 51:13	<b>unmuting</b>	4:24 5:1
<b>tribal</b> 5:6	<b>underneath</b>	11:24	5:14 5:15
<b>tribes</b> 5:12	35:11	<b>unpermitted</b>	5:16 5:20
<b>true</b> 21:13	<b>understaff</b>	26:11	6:2 6:2
<b>truly</b> 14:11	22:8	<b>unplugged</b>	6:4 6:16
52:23	<b>understaffed</b>	51:17	7:15 7:15
<b>trust</b> 14:6	34:20	<b>unproven</b>	7:21 7:25
<b>truth</b> 22:2	<b>understand</b>	49:15	8:12 8:16
<b>try</b> 15:18	10:13	<b>untested</b>	8:21 8:22
41:12	10:14	49:15	9:3 9:20
41:20 50:6	20:18	<b>updating</b>	15:6 17:17
50:20	34:23 39:23	27:12	18:16
<b>trying</b> 21:2	<b>understanding</b>	<b>upward</b> 51:18	18:23
21:3 21:4	18:3	<b>urge</b> 24:16	23:11
50:21	<b>understands</b>	34:5 36:10	27:17 39:5
<b>twice</b> 13:5	40:5	<b>urging</b> 35:23	58:3 59:6
<hr/>	<b>unfortunately</b>	<b>USDWs</b> 5:18	<b>via</b> 4:4 16:21
U	13:1 43:8	5:23 7:4	41:13
<hr/>	46:11 53:24	<b>Ussery</b> 4:11	<b>Vickie</b>
<b>U.S</b> 12:19	<b>uniquely</b>	11:23 12:3	22:25 23:6
<b>Uh-huh</b>	36:12 36:13	12:5 17:6	<b>V-I-C-K-I-E</b>
43:11 43:22	<b>United</b>	24:24	23:6
<b>UIC</b> 4:11 4:16	28:15 39:8	25:12	<b>view</b> 9:15
4:19 4:21	40:12	25:17 36:4	<b>Virginia</b>
4:23 5:1 5:7	<b>University</b>	41:17	33:17
5:8 5:13	15:20	41:19	<b>virtual</b> 4:1
5:20 6:2	<b>unless</b> 19:3	41:22 44:6	4:10 9:14
8:22 9:3 9:5	<b>unmute</b> 11:5	49:25 50:5	9:25 10:5
<b>unabated</b> 30:1	12:3 24:23	56:17	10:17
<b>unable</b>	25:13 28:2	<hr/>	11:10
24:24	29:13 36:4	V	29:11
29:22 50:2	40:22 44:5	<b>vented</b> 16:10	57:25 58:2
<b>unalienable</b>	44:8 45:23	<b>venting</b>	59:5
42:17	49:23	16:9 16:12	<b>VOCs</b> 16:10
<b>underfunded</b>	49:24 50:3	<b>verification</b>	<b>volatile</b> 16:9
34:20	<b>unmuted</b>	37:1	<hr/>
<b>underground</b>	50:5 53:9	<b>VI</b> 4:3 4:16	W
5:6 5:9 5:18	53:15	4:20 4:21	<b>wait</b> 30:25
			<b>waiting</b> 55:24

56:2	35:7 56:10	43:24	<b>whose</b> 14:11
<b>Wallace</b> 12:14	<b>weeks</b> 52:7	46:25 53:5	<b>W-I</b> 15:3
<b>Washington</b>	<b>weight</b> 11:15	53:11	<b>wife</b> 31:22
25:10	<b>welcome</b>	53:18 54:1	<b>wife's</b> 33:16
25:10	27:6 30:24	54:22	<b>wildlife</b>
25:12	38:5	<b>wetlands</b>	42:15 55:21
25:14	<b>weld</b> 4:16	55:16	<b>Willard</b> 24:20
25:16	<b>we'll</b> 19:15	<b>we've</b> 22:6	25:5 29:2
25:20	31:12	22:19	39:15
25:21 27:5	39:13	29:21 30:7	39:16
27:6 32:16	40:18	32:10	39:17
<b>W-A-S-H-I-N-</b>	40:25 58:11	33:18	39:20
<b>G-T-O-N</b>	<b>wells</b> 4:20	36:23 37:3	39:21 40:17
25:21	4:21 4:24	55:17	<b>W-I-L-L-A-R-D</b>
<b>waste</b> 22:12	15:6 15:22	<b>whenever</b> 20:6	39:21
26:3 26:23	15:25 16:1	23:1 25:19	<b>Wilma</b> 14:22
27:2 37:1	16:2 16:6	27:8 28:1	14:22
46:9 46:17	16:16	39:19	14:25 15:1
51:10	17:17	44:14 46:3	15:3 19:14
51:16 51:23	19:20	47:19 51:3	<b>win</b> 27:20
<b>watched</b> 31:25	21:15	56:23	27:21
32:22 33:7	22:12 27:1	<b>WHEREUPON</b>	<b>wind</b> 55:23
33:8	27:17	31:6 31:13	<b>wish</b> 5:24
<b>watching</b> 32:4	34:22 39:5	37:25 38:8	<b>wishes</b> 30:19
32:4 32:17	39:6 51:17	39:14	<b>withdraw</b> 34:5
<b>water</b> 4:15	<b>we're</b> 11:23	40:20 41:2	35:24
5:2 5:3	13:21	41:9 44:1	<b>witness</b> 56:11
5:5 5:9 5:10	13:23	45:21	<b>wonderful</b>
5:18 9:2 9:5	14:18	47:12	58:25
19:11	14:21 20:9	48:20	<b>work</b> 5:23
26:20 27:3	21:2 21:3	49:21 53:6	14:21
29:22	21:4 22:13	53:12	15:18
55:13 55:23	28:20	53:20 54:2	17:14 34:2
<b>waterways</b>	29:10	56:6 56:16	52:20 53:1
46:14	30:22	57:24 59:5	54:24 57:7
<b>ways</b> 13:8	30:25 31:4	<b>whether</b> 21:18	<b>worked</b> 8:2
<b>weaker</b> 32:23	37:23	<b>white</b> 32:3	<b>workers</b>
<b>week</b> 34:8	41:14	<b>wholly</b> 18:8	
	43:15 43:16	<b>who's</b> 41:19	

33:3 52:25

**working**

33:3 33:4

35:20

**worst** 12:19

12:19

12:23 45:4

**written** 10:18

11:11

11:12

11:13 58:5

**wrong** 37:14

55:8

**www.**

**regulations.**

**govodocketoe**

**pa-hq-ow-**

**2023** 9:10

---

Y

---

**yesterday**

16:22

**York** 33:8

**yourself** 12:3

49:24

49:24

53:15 54:6

**you've** 21:1

---

Z

---

**Zollinger**

27:8 27:9

27:9

**zone** 6:8

**Zoom** 9:16