Exhibit 31

Page 1 1 IN THE UNITED STATES DISTRICT COURT 2 FOR THE EASTERN DISTRICT OF NORTH CAROLINA 3 SOUTHERN DIVISION 4 No. 7:23-CV-8975 IN RE: 6 CAMP LEJEUNE WATER LITIGATION This Document Relates To: 7 ALL CASES. 8 9 10 11 12 13 Video-recorded deposition of ARI KELMAN, PhD, Volume 1, at U.S. Attorney's Office, 501 I Street, Suite 10-100, Conference Room 10-159, 14 Sacramento, California, commencing at 2:11 p.m. 15 PST, Tuesday, April 1, 2025, before Lorrie L. Marchant, California CSR No. 10523. 16 17 18 19 20 21 Stenographically reported by: LORRIE L. MARCHANT, RMR, CRR, CCRR, CRC California CSR No. 10523 22 Washington CSR No. 3318 23 Oregon CSR No. 19-0458 Texas CSR No. 11318 2.4 Job No. MDLG 7268183 25 California Firm Registration No.: 48

		Page 2
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1 [Also prese	ent:
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1	Sacramento, California
2	Tuesday, April 1, 2025; 2:11 p.m. PST
3	THE VIDEOGRAPHER: We are now on the
4	record. My name is Steven Cathy, and I am a
5	videographer for Golkow, a Veritext division.
6	Today's date is April 1st, 2025, and the
7	time is 2:11 p.m.
8	This video deposition is being held at
9	501 I Street, Suite 10-100 in Sacramento,
10	California.
11	We are here in the matter of Camp Lejeune
12	Water Litigation, for the United States District
13	Court, Eastern District of North Carolina. The
14	deponent is Ari Kelman, PhD.
15	Will counsel please identify themselves,
16	starting with the noticing attorney?
17	MR. HUGHES: Sure. This is John Hughes
18	appearing remotely, virtually. I'm with Wallace &
19	Graham. I'm with the plaintiffs. I'll be asking
20	the questions for the plaintiffs.
21	With regard to other folks on the
22	plaintiffs' side that are on, I'll name the ones I'm
23	aware of. And then if the court reporter or
24	videographer, whoever, wants to just call out any
25	other e-mail addresses they see that might be

Page 5 1 plaintiffs' side, they can identify themselves. But Jerry Ensminger is probably on by 2 3 phone, muted, to listen along. Mike Partain is on, I think, by phone, 4 muted, to listen along, or will be. 5 And then Zina Bash, plaintiffs' leadership 6 counsel, she is on as well, plaintiffs' leadership 8 group. 9 MS. HURT: This is Cindy Hurt for the 10 United States. 11 MR. GIBBONS: Hanley Gibbons for the United 12 States. 13 And I believe my colleague Jessica Ans is 14 also on online, but she can't hear currently. 15 THE VIDEOGRAPHER: All right. Will the --16 oh, sorry. 17 Will the court reporter please introduce herself and now swear in the witness? 18 19 THE STENOGRAPHER: My name is Lorrie Marchant. I am a California Certified 2.0 21 Shorthand Reporter. My CSR license number is 10532. 22 I'll go ahead and swear you in. 23 /// 24 /// 25 ///

	Page 6
1	ARI KELMAN, PhD,
2	FIRST DULY SWORN/AFFIRMED, TESTIFIED AS FOLLOWS:
3	EXAMINATION BY MR. HUGHES
4	BY MR. HUGHES:
5	Q. Good earlier afternoon, Dr. Kelman. This
б	is John Hughes. I'm in the later afternoon at
7	5:00 p.m. in North Carolina.
8	I want you to know I tried to fly out
9	there. My flight got canceled, so we're going to
10	try to do this 21st century style.
11	Can you hear me okay?
12	A. I can hear you very well. Thanks very
13	much.
14	Q. All right. If you don't understand
15	something I'm saying, tell me. I'll try to say it a
16	better way.
17	If you need to take a break at any time for
18	any reason, just say it, and you can take a break.
19	I'd like to start by just going through the
20	exhibits starting on the first one.
21	MR. HUGHES: Can somebody pull up the first
22	exhibit on our list, which is from Dr. Kelman's
23	book?
24	(Marked for identification purposes,
25	Exhibit 1.)

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	Page 7
1	THE VIDEOGRAPHER: Sorry. I'm getting some
2	interferences.
3	Is there a cell phone nearby?
4	MR. HUGHES: What's that?
5	THE VIDEOGRAPHER: I'm getting a little bit
6	of interference.
7	MS. HURT: Let's go off the record for
8	THE VIDEOGRAPHER: Okay.
9	MS. HURT: a moment.
LO	MR. HUGHES: Sure.
L1	THE VIDEOGRAPHER: We are going off the
L 2	record at 2:15 p.m.
L 3	(Recess taken from 2:15 to 2:16.)
L 4	THE VIDEOGRAPHER: We are back on the
L 5	record at 2:16 p.m.
L 6	BY MR. HUGHES:
L 7	Q. Dr. Kelman, can you see what we've marked
L 8	as Exhibit 1 in this matter?
L 9	A. I can, yes.
20	Q. Okay. Does it appear to be a page from
21	your book on the Sand Creek massacre?
22	A. Yeah, it appears to be from the footnotes,
23	yes.
24	Q. Okay. And would it reflect would it be
25	fair to say it shows an example of how you can

document a communication with an information sourced or a witness in a manner that stops short of what we'll call a full-fledged oral history?

MS. HURT: Objection to form.

THE WITNESS: Sorry. Do you mind repeating the question or ...

BY MR. HUGHES:

Q. Sure.

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Do you see anywhere it references a note from a conversation with somebody that you had on the phone?

- A. I'm not sure that it was on the phone. I do see that it's referencing a conversation.
- Q. Okay. Do you remember anything about that conversation?
 - A. Nothing at all, to be honest with you.
- Q. Okay. Can you tell from the note what the media was of the conversation, i.e., was it a telephone or Zoom or in person or something different?

MS. HURT: Objection to form.

THE WITNESS: No, I can't tell what medium the conversation would have taken place in. Based on the timing, it wouldn't have been Zoom. There was no Zoom.

I think this would have had to either have been -- I suspect that this was on the phone.

BY MR. HUGHES:

Okay. All right. So would you agree that Ο. a historian, as long as they identify it correctly, can use communications with other individuals that stop short of the parameters of an oral history, and they can still use that information and cite that information even though it's not recorded and it's not in a permanent archive?

MS. HURT: Objection to form.

THE WITNESS: I think I'm understanding your question.

I think it is okay for a historian to use a variety of different kinds of information that they collect orally if they cite their source properly.

In this case, you'll note that I am clear that the notes are in the author's possession. I'm distinguishing in this case between this conversation that I had with Glenn Morris and other oral histories that I conducted which were placed in archives and I had complete transcripts.

BY MR. HUGHES:

Understood. Understood. Ο. Let's put up the second exhibit, which is

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Page 10 1 your report. 2 Do you have a copy of your February 2025 3 report with you, or no? I don't have one with me, no. 4 Α. (Marked for identification purposes, 5 Exhibit 2.) 6 BY MR. HUGHES: 7 8 Q. Okay. Can you see the cover page of it on 9 the -- on the screen? 10 I can, yes. Α. 11 All right. And it's dated February 7th, Ο. 12 2025, at the bottom? 13 I don't see the bottom right now. Α. 14 Thanks, whoever is doing that. 15 Do you see that? Ο. 16 Yes. Now, I see that it's dated Α. February 7th, 2025. 17 18 MR. HUGHES: Okay. Can we go to the 19 first -- page 1? So go another page from there. 2.0 Yeah, at the top there. Leave it there. 21 BY MR. HUGHES: 22 Okay. So let's go through this together 23 for a little bit. 24 So at the start of the report, you say that 25 (as read):

	Page 11
1	"The United States Department of
2	Justice contacted me in January 2025
3	about the possibility of reviewing
4	Dr. Longley's report of December 7th,
5	2024, with limited focus on his
6	methodology, unquote."
7	Do you see that language?
8	A. I do. But I believe the court reporter may
9	have a question. I apologize.
10	THE STENOGRAPHER: No, that's fine. No,
11	it's fine.
12	THE WITNESS: Oh, no. She says it's fine.
13	I if it's all right, would it be I
14	don't know who's controlling the exhibits. Is it
15	possible to zoom in just to to make this a little
16	bit bigger?
17	That's extremely helpful, whoever was able
18	to do that. Thank you.
19	Yes, I saw that sentence.
20	BY MR. HUGHES:
21	Q. Okay. So walk me through it.
22	Did the U.S. DOJ contact you in
23	January 2025?
24	A. Yes.
25	Q. Who contacted who, if you remember?

- 1 A. I believe that Mr. Gibbons contacted me.
 - Q. Okay. Had you worked with him before?
 - A. No, I had never worked with him.
 - Q. Okay. Your CV indicated you had done some expert witness work before with the DOJ; correct?
 - A. Yes. That's correct.
 - Q. Okay. And let me just bring up a few of the cases and just learn a little bit about them.

The first one listed, and we don't have to go to the page, but it's Frank Labruzzo and others versus United States Court of Federal Claims,
Orpheum Street, Inc.

Do you remember anything about that case?

- A. Yes.
- O. What was it about, if you remember?
- A. Flooding in and around the city of New Orleans.
- Q. Okay. And you've written on New Orleans before in your academic career; yes?
 - A. Yes, I have.
- Q. Okay. And so what was the gist, if you can remember, of what your -- you know, what your retention role was in that case and what you said?
- A. I was hired by the Department of Justice to offer expert testimony about flooding in and around

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1 the city of New Orleans. And I believe that the

- 2 case was -- I believe that the plaintiffs dropped
- their claim. 3
- Okay. Do you -- did the case go on long 4
- enough that you -- your work matured at some sort of 5
- opinion or do you remember? 6
- 7 MS. HURT: Objection to form.
- 8 THE WITNESS: In that instance, I don't
- 9 believe that I wrote an expert report.
- BY MR. HUGHES: 10
- 11 Ο. Okay. Fair enough.
- 12 Do you remember in that case whether you
- looked at any documents? 13
- I did. 14 Α.
- 15 Okay. And in that case, did you interview
- 16 any witnesses or take any oral histories?
- 17 I did not. Α.
- 18 Ο. Okay. The second case we have
- Mississippi -- State of Mississippi versus 19
- 2.0 United States Court of Federal Claims.
- 21 Do you remember anything about that one?
- 22 Α. I do, yes.
- 23 Tell me what that one was about, if you 0.
- 24 can.
- 25 Α. Again, that was about flooding on the

	l dgc 11
1	Mississippi River system and takings.
2	Q. Okay.
3	A. Sorry.
4	(Stenographer interrupted for clarification
5	of the record.)
6	BY MR. HUGHES:
7	Q. Okay. And you're not a lawyer, but I take
8	it, terrible pun, that you have a basic sense of
9	what a "taking" is; yes?
10	MS. HURT: Objection to form and
11	foundation.
12	THE WITNESS: I have a layperson's
13	understanding of what a taking is.
14	BY MR. HUGHES:
15	Q. Okay. And then a primitive understanding,
16	you know, the idea of that the government finds
17	it necessary to take someone's land; and, therefore,
18	there can be litigation about what the land is worth
19	and can they really do it and so forth.
20	Does that sound consistent with your sort
21	of lay view of what takings law is?
22	MS. HURT: Objection to form and
23	foundation.
24	THE WITNESS: Broadly speaking, yes. But I
25	think a takings case can move beyond just property.

But, again, I only have a layperson's understanding.
I apologize.

BY MR. HUGHES:

- Q. No, no, no. That's interesting, the idea of takings beyond certain property tax.
- A. Sorry, you -- you said -- I apologize. May I clarify?

I think you said "land." You said takings of land. And what I was trying to say is that it could include other kinds of property.

Q. Right. Right. And I'm -- yeah. I'm just commenting back that's interesting to me, the concept it could be on physical land. That may be true. I'm not very good at property law.

But in this case, do you know if you did a written report, the Mississippi case?

- A. Yes, I did.
- Q. Okay. And did you interview anybody or take any oral histories in connection with your retention as an expert for that case?

MS. HURT: Objection to form.

THE WITNESS: No, I did not.

BY MR. HUGHES:

Q. Did you review historical documents in connection with your work in that case?

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- Q. Okay. The next one, Big Oak Farms versus United States, do you remember anything about that case?
 - A. Yes, I do.
 - Q. What can you tell me?
- A. Again, that was a case about flooding on the Mississippi River System.
 - Q. Okay. And did you get as far as a report in that one, if you recall?
 - A. I did, yes.
 - Q. And can you tell me, you know, the basic qist of the report, if that's possible?
 - A. It was a report about flooding on and around the Mississippi River System over a period of approximately 150 years.
 - Q. Okay. All right. And then in that case, would you have reviewed historical printed documents?
 - A. Yes.
- Q. Okay. In that case, for purposes of that report, did you interview any living individuals or witnesses or conduct any oral history interviews?

MS. HURT: Objection to form.

THE WITNESS: No, I did not.

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BY	MR.	HUGHES:

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- Q. Okay. The last case, Ideker, spelled I-D-E-K-E-R, Farms, that one I found a copy of an order in that case.
- Can you tell me what that case was about, if you can recall?
- A. Again, the case was about flooding on the Mississippi River System.
- Q. Were all these the Mississippi River
 System, these last three, or were any of them the
 Missouri River?
- A. The Mississippi River System includes the Missouri River. The Missouri flows into the Mississippi River.
 - Q. Fair enough.
- And in the Ideker case, did you produce a written report?
 - A. I did.
- Q. Okay. And you reviewed historical documents?
 - A. I did, yes.
- Q. Okay. You did not interview any
 eyewitnesses or plaintiffs, living individuals, for
 purposes of your report; correct?
 - MS. HURT: Objection to form.

1	THE	rıw	TNESS:	I	don't	think	I	did,	no.
2	BY :	MR.	HUGHES:						

Q. Okay. Do you remember if -- for the Ideker case -- if you were able to look at any depositions or testimony, written transcripts of testimony, of the claimants, or the plaintiffs, in the case before you did your report?

MS. HURT: Objection to form.

THE WITNESS: I was.

BY MR. HUGHES:

- Q. Okay. Did you address the depositions in your report? Do you remember?
- A. Can you -- when you say "address," I'm -- can you clarify what you mean? I'm sorry.
- Q. Yeah. If I was to pull the report -- which I may have done. I just -- I don't recall it right now -- would I find citations or reliance list entries to deposition testimony or to trial transcripts of testimony?
 - A. Yes, you would.
 - O. Okay. Thanks.

In this case, to go back to page 2 of your report, which is in front of you -- or I think that's page 1 of your report -- you reference the contact involves reviewing Dr. Longley's report of

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1 | December 7th, 2024; correct?

- A. Yes. That's right.
- Q. Okay. And in your words, "with the limited focus on his methodology"; correct?
 - A. Yes.

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Q. Okay. Since the date of that report -- well, let me strike that.

At any time have you been able to review Dr. Longley's next report that was from January 13th, 2025?

- A. I -- I'd need to see it. I have looked at other reports of Dr. Longley's, but I don't -- I don't know the dates offhand. I apologize for that.
 - Q. Okay. That's fair.

But the December 7th, 2024 report is not the only one from Dr. Longley that you've looked at for this case?

- A. That's correct.
- Q. Okay. So I'll represent, and I'll get to them as exhibits, but Dr. Longley did a second report dated January 13th, 2025, and then he did a third report dated February -- I'm sorry, March 17th, 2025. And those reports, among other things, tried to directly address some of the criticisms that were raised by you and Dr. Brigham.

Do you have any critiques of Dr. Longley's second or third reports?

- A. I don't have them in front of me right now. So I -- I think I know which was the second and which was the third, but I -- I'm not positive. I'm -- again, I'm sorry about that.
- Q. No. That's fine. That's perfectly fine. We'll get to them and go through them.

Okay. But as of this written report that you signed on February 7th, 2025, the only report you talk about from Dr. Longley is the one from December 7th, 2024; right?

MS. HURT: Objection to form.

THE WITNESS: Yes.

MS. HURT: Hey, John, can we show the witness the actual -- the reports that you're talking about?

I think that would be clearer for everyone.

MR. HUGHES: Yeah, let's introduce them and show them to him; okay? That's a good idea.

Okay. So let's go -- hang on.

Okay. So Exhibit 2 was Dr. Kelman's report, which is February 7th, 2025.

If we can -- first, let's show Dr. Kelman the report from Dr. Brigham dated December 9th,

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Page 21 1 2024. That's Exhibit No. 3. If you can pull that one up first. 2 3 (Marked for identification purposes, 4 Exhibit 3.) MR. HUGHES: And can you go through the 5 first pages of it so that Dr. Kelman can see it? 6 7 BY MR. HUGHES: 8 And my question, Dr. Kelman, is simply, do 9 you recall looking at this report from Dr. Brigham? I do, yes. 10 Α. 11 Okay. Okay. Then let's also pull up Ο. Exhibit 4. 12 13 (Marked for identification purposes, 14 Exhibit 4.) 15 MR. HUGHES: That's going to be 16 Dr. Brigham's report. That's the report for the DOJ, like you, and it's dated February 7th, 2025. 17 And my -- and skim -- if you can show him the first 18 19 page. 2.0 BY MR. HUGHES: 21 My question is the same. Q. 22 Have you seen that report before? If you 23 know. THE WITNESS: Sorry, can we scroll back up? 24 25 Is it -- is this Dr. Brigham's report that I'm

Page 22 1 looking at? 2 I -- if I could see the cover page really 3 quickly. 4 BY MR. HUGHES: 5 Q. Brigham. Α. Okay. 6 Yeah. Q. 8 Α. Yeah. Thank you. 9 Sorry. Could you restate the question? 10 Ο. Sure. 11 So were you aware that Dr. Brigham did two 12 reports? 13 Α. Yes. 14 Okay. Have you seen both of his reports Ο. 15 before? 16 Α. Yes. 17 Okay. And I'll represent to you the one Q. you're looking at now is Dr. Brigham's second 18 19 report, which is dated February 7th, 2025. 2.0 And, obviously, when I say "reports," I 21 just mean reports for this particular case. 22 MR. HUGHES: Can we pull up Exhibit No. 5? 23 (Marked for identification purposes, 24 Exhibit 5.) /// 25

BY MR. HUGHES:

Q. This next one, Dr. Kelman, is -- this is the plaintiffs' historian expert, Dr. Longley. This is his first report from December 7th, 2024. You reference that one in your report.

So fair to say you've seen this before; yes?

A. Yes.

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Q. Okay. And I'll just note, at the end of it, I pasted on the reliance list. In real life, the reliance list, I think, for his report was served a week later. But I added the reliance list on to you.

Okay. Let me now show you Exhibit 6.

(Marked for identification purposes,
Exhibit 6.)

BY MR. HUGHES:

Q. I'm going to give the poor helpers here a workout.

Exhibit 6 is Dr. Longley's report from January 13th, 2025.

If you look at the first pages of that, do you know if you've seen that one before?

- A. Yes.
- Q. Okay.

Page 24 1 (Marked for identification purposes, 2 Exhibit 7.) BY MR. HUGHES: 3 And then Exhibit 7 is Dr. Longley's report 4 Ο. from March 17th, 2025. 5 If you go in on that one a few pages, does 6 it start to get to some images? There's a fair amount of text 8 Let's see. 9 at the beginning. 10 There's some images. 11 Do you remember seeing this one before? 12 Α. I do. Okay. Okay. All right. Sitting here 13 14 today -- let's go back to your report, which is 15 Exhibit No. 2 and going back to the first page of 16 it. 17 Okay. All right. If you look at the --18 halfway down the screen, numbered paragraph 1, you 19 talk about "oral histories, interviews, depositions, 2.0 other information conveyed verbally." 21 Do you see that? 22 Α. I do. 23 Okay. And one thing you say a couple of Q. lines later is that (as read): 24 25 "Oral histories must meet a higher

methodological standard than interviews
or depositions."

Do you see that language?

A. I do see that.

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Q. Okay. And as I read your report, tell me if I got it right or not.

What I understand is that an oral history, among other things, it's supposed to be put in a permanent archive; right?

MS. HURT: Objection to form.

THE WITNESS: Yes, that's correct.

BY MR. HUGHES:

- Q. Okay. Tell me some of the other things about oral histories as a category that would make them distinct from what we've categorized as interviews, for example.
- A. When conducting an interview, a historian might not archive the material because it doesn't rise to that higher standard that I mention in this paragraph.

If you think back to the citation to the endnote from my book, I tried to make it clear to the reader that the notes for that were in my possession. I think I said "in the author's possession." By that I meant that they were in my

possession.

2.0

And what I was signaling to the author is that I hadn't met the same standard that -- sorry. What I was trying the signal to the reader, excuse me, was that I hadn't met the same standard that I had met elsewhere when I was relying upon oral histories. I hadn't met that same methodological standard.

The point in doing that is to be as transparent as possible with the reader of the work so that they're aware of exactly how the sources have been collected and how they've been treated.

- Q. Okay. What would be a way that you would distinguish the category of oral history from the category of a deposition?
- A. I think I discuss this -- sorry, I do not think. I discuss this in my report. And what I say in the report is that historians and lawyers are both seeking information, but the way in which they're seeking information is quite different.

Historians, based on what I would describe as professional standards among people who do this kind of work, should try and put their subject at ease. They should try and conduct the oral history in such a way -- and now I'm quoting an oral

historian named Michael Frisch. They should be sharing authority.

When a deposition, for example, the one that we're doing right now, is conducted generally speaking the power dynamic is very different.

- O. Yes, sir. That's true.
- A. Yeah.

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- Q. Yes, sir. Go on. Keep going. Yeah.
- A. And while you may be trying to convey to me an impression that you're friendly, and you certainly do seem quite friendly, the goal here is to try and get information from me that I might not want to share with you. And so we are not on anything like a -- an even or a level playing field, even leaving aside that we're doing this via Zoom and whatnot.
- Q. So procedurally, the format in which I get to ask the questions and you only get to answer would seem to be a power -- a structural power imbalance or distortion right at the start; right?

21 MS. HURT: Objection to form.

THE WITNESS: Yeah. The -- the power dynamic between us is not equal. You hold more power than I do.

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BY MR. HUGHES:

Ο. Maybe.

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But as to the goal, why are you not sure that the goal of this deposition is not, in fact, to get at the truth?

- I -- can you point to me where I said that in my report? I don't believe I did.
- No, it's not in your report. But just in talking about the idea of a deposition, one thing you said that I wanted to test a little bit was something like I would want to get you to say things that would -- I mean, one interpretation of deposition procedure that I represent the plaintiffs, I want to get things that help the plaintiffs. Your client, the DOD, may not want to disclose them.

And so it's adversarial and extractive in that sense; right?

That's one way of looking at it.

MS. HURT: Objection.

BY MR. HUGHES:

Another way of looking at it would be that I'm an officer of the Court. I want to get at the You're under oath. You're a historian. truth. want to get at the truth. And my best way, perhaps

paradoxically, to represent my client zealously is not, in fact, to try to extract hidden things from you but to get at the truth.

Does that make any sense?

MS. HURT: Objection to form.

I'm not sure there was a question there.

MR. HUGHES: The question was at the end.

"Does that make any sense?"

BY MR. HUGHES:

- Does it, Dr. Kelman, or not? Ο.
- It does. I'm going to -- I'm going to ask Α. you for a moment, if you'll bear with me. trying to try and see if I can construct an analogy that will be helpful.
 - Ο. Yes, sir.
- When you are conducting a deposition with me, we do not have an equal power dynamic. are -- I'm going to use your language. It's an extractive process.

When a historian is conducting an oral history, again, Michael Frisch would suggest that they -- that the historians should share authority. It should be an equal -- or at least there should be a sense of an equal dynamic between the two.

What I would go on to say is that where

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things become disputatious for a historian or where
they become argumentative, if you prefer, is not at
the point of the collection of the oral history, but
at the point of the analysis of the oral history
first by the person conducting the oral history.

So the -- the interrogatory element of the process happens after the fact; and then, beyond that, there's an additional disputatious component of the process, and that's between historians.

So when -- I'm going to point back to the footnote that -- of mine that you -- excuse me.

It's an endnote.

I'm going to point back to the endnote of mine that you presented as an exhibit earlier --

O. Yeah.

A. -- where I made it clear that that was an interview and that the notes were in my possession.

What I was doing with that kind of a citation style is trying to make it clear to other historians that they weren't going to have an opportunity to look at the material that I had collected. And in doing that, signaling that there is -- I don't know how to put this all that well, but there's effectively a hierarchy of source material that I'm using and, therefore, a kind of a

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hierarchy of skepticism that they might want to apply to my work.

And that if the notes are in my possession rather than being in a repository, in an archive, they're likely to be more skeptical, because I think I -- I suggest in my report historians aren't a particularly trusting bunch. We don't -- we don't just allow other historians to make claims. We want to be able to test one another's claims. And the way that we do that is by looking at the materials that we've used when we -- when we arrive at conclusions.

Q. Okay. On that last point, have you had any instances where, as a historian, you had a citation in a draft paper, say, and a peer of yours or a reviewer corrected you and said, "That citation is wrong," and you then iterably -- irritably made that correction? Has that ever happened to you?

MS. HURT: Objection to form.

THE WITNESS: Do you mind if I -- if I -- if I do my best to say what I think you're asking?

Is -- are you asking -
BY MR. HUGHES:

- Q. Yes, please.
- A. Okay. Are you asking, have I ever in the

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1 course of my work shared a draft of something with a colleague who has said to me, "You've misused that 2 3 source or you -- or you've got something wrong with your sourcing"?

> Ο. Okay. Sure.

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- I don't believe that's happened to me.
- I -- I have had people say to me -- I've had people argue with me about how I interpret sources. 8
- 9 That -- that's the nature of historiography.
- 10 historians, disagree with one another quite
- 11 frequently over matters of interpretation, which is
- 12 why we have a particular -- it's called "scholarly
- 13 back matter." Right?
- 14 It's why we have citation practices that 15 are widely shared. It's -- it's the methodological 16 underpinning of the profession.
 - Ο. I understand. What I mean is something more basic.
 - Oh, okay. Α.
- 2.0 So in my world, I will draft a brief. Ο. Ι 21 will cite to a particular page. I will spell a case 22 Sometimes I will get a comment back from 23 somebody that reads it saying, "You got the case 24 name wrong, or it was actually -- the page wasn't
 - It was 84." And then I will correct it. 83.

My assumption was that that happens in your world too, and that's why the question was phrased in terms of drafts.

A. I see.

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Q. And my point being, would you agree, that in the process of -- I'm not saying in your final product that's gone through editors and gone out to the world as a published book or something that there is -- that someone calls you and says, "Hey, you've got the wrong citation, or you've got the wrong page or the wrong name." But at least in the stage of drafts and working papers, surely that's happened to you before. That's my question.

Has it?

MS. HURT: Objection to form.

THE WITNESS: I have had people tell me that I've not -- yes, I've had people tell me that I've miscited something in draft form, yes.

BY MR. HUGHES:

Q. Okay. And would you agree that, all else being equal, we can enhance the accuracy of our citation practices as a historian if we have more time and more resources to garner the cites and check the cites? Would you agree with that?

1 THE WITNESS: I don't -- I apologize.

I'm -- I'm not sure that time and resources are necessarily the -- are the operatives that really matter, are the variables that matter. I -- it just depends.

BY MR. HUGHES:

- Q. Okay.
 - Α. Sorry.
- Ο. No, no.

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Then what are the variables? To reduce -let me tell you what I'm getting at.

Were you aware that Dr. Brigham and his firm were paid over \$800,000 for their reports to date in the Lejeune case? Were you aware of that before I just told it to you?

- I was not. Α.
- Okay. And were you aware before I just now tell it to you that Dr. Brigham had a staff, including PhDs, of over 12 people, assisting him, going through archives, checking citations, making sure it was all correct before he sent out his Were you aware of that? report?
 - Not the specifics, no.
- Okay. Would you agree with me that Q. somebody with over 12 assistants and a budget of

almost a million dollars might have a better shot at getting all of his cites accurate on the first round than somebody working alone under a vastly lower budget?

MS. HURT: Objection to form.

THE WITNESS: I wouldn't agree with that necessarily, no. I guess I -- this was what I was getting at earlier --

BY MR. HUGHES:

- Q. Okay.
- A. -- is that --
- Q. Okay.

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- A. -- I often have worked without any staff whatsoever and with very, very little money or resources at my disposal. And I'd like to believe that I've done good work, at least at the point at which it's been published.
- I'll -- I'll expand a little bit and say, again, I have been told about drafts, that I have gotten things wrong. And that's why I share drafts with some of my best colleagues, because they catch errors that I make. That is part of the -- what I think of as the historian's craft.
- Q. Okay. Are you aware that according to Dr. Brigham, Dr. Longley's first report had some

errors in it? Are you aware of that?

A. Yes.

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Q. Okay. And one error was the use of a photo of President Nixon as someone that went to Lejeune when, in fact, according to Dr. Brigham, Nixon never went to Lejeune.

Were you aware of that?

- A. Yes.
- Q. Okay. And then are you aware that in a subsequent report, Dr. Longley acknowledged the mistake and endeavored to correct it by acknowledging it and then putting in photos of President Kennedy at Lejeune and President Reagan at Lejeune to support his hypothesis that presidents and luminaries periodically visited Lejeune and would have drawn crowds? Were you aware of that?

MS. HURT: Objection to form.

THE WITNESS: I was aware of that, that in -- and, again, if you'll forgive me, I'm going to -- I'm going to draw another analogy. But if what you're suggesting is that Dr. Longley's report -- and I -- I regret that I don't have the date in front of me, but his first report was a draft and that he effectively relied on Jay Brigham the way that I've relied on other colleagues to

provide him with feedback, that seems like a different process to me.

Because when I reach out to colleagues -- and, again, this is based on what you were saying earlier -- I would agree with you, I do so with drafts before I get to the point of publication or the point of having a final product that I expect to be read and understood by other historians or any reader as being polished enough that it's ready for the sort of broad critique and engagement that I would imagine and would hope would meet some of my written work.

BY MR. HUGHES:

- Q. Okay. Do you believe that publication of a book is the same thing as providing -- serving an expert report in a case?
- A. No. Publishing a book is publishing a book, and writing an expert report is writing an expert report. What I -- what I would say, though, is that, at least in my own work, they're governed by the same professional standards.

And I would -- I think I would go on to add -- well, I'm going to leave it there. They are governed by the same professional standards as far as I'm concerned.

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1 Q. Okay. Have you ever worked with Jay Brigham or his firm before? 2

I have, yes.

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- Tell me about that. When did you work with him before?
- On each of the cases for which I've been employed as an expert witness by the Department of Justice, I've been -- I'm -- I may be misusing a term of art here, so forgive me, but I've effectively been a subcontractor to Morgan, Angel, Brigham.
- Okay. What is the amount, roughly, that Ο. you've billed and been paid in this case to date for your work, if you know?
- I bill \$350 an hour. And I believe that I have been paid after taxes to date approximately \$7500, \$7,500.
- Ο. Okay. Did you do the work on your report alone in terms of having other, like, you know, staff or graduate students or paid assistants involved?
- I had access to a colleague at Morgan, Angel, Brigham, but I did the work on my own.
- Well, I -- I need you to define your terms, actually. I don't know what you mean by "did the

1 work."

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 $\mbox{I -- I did the -- I did the research and}$ writing on my own.

- Q. Okay. All right. Did you -- did you know who Dr. Kyle Longley was before this case?
 - A. I believe that -- yes.
- Q. Okay. And who is Dr. Kyle Longley, as best as you know?
- A. So in my experience, Dr. Longley is a Facebook friend. There's a large community of historians who are on Facebook. That gives you some sense of just how old and past it we all are. And I knew that -- I believe that Dr. Longley was the director of the Lyndon Johnson Library at one point. And I also knew him as a diplomatic historian.
- Q. Okay. All right. In your report on page 1, one thing you say is that if you receive additional evidence or information, you may -- your opinions may be subject to change.

Have you received any information regarding Dr. Longley since you received his December 2024 report that would lead you to change or add to any of your opinions?

MS. HURT: Objection to form.

THE WITNESS: I -- I wouldn't change the

substance of my opinions. I would say that

Dr. Longley's response to my report -- I believe it

was -- it was a response to my report and

Dr. Brigham's report -- left me with more questions

than answers, particularly given that I believe that

after having written his report, he then conducted

an oral history. And it was conducted with two

individuals, and he shared that as well.

And, again, in sum, I left all of those additional materials with more questions rather than answers. I was surprised that he conducted that oral history after the fact. I -- I'm not -- in this moment, I can't recall another example of a historian having engaged in that kind of a practice where they choose to conduct an oral history after they've already generated work product. It -- it left me with a sense that I wasn't confident about the methodology that he was employing in that regard.

And then in his response to my report, I was -- there are some instances in which I thought he had, either willfully or not, misread my report, though I -- I don't recall those specifics at the moment.

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BY	MR.	HUGHES:

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- Okay. In his first report, Dr. Longley cited -- in his reliance list, he cited oral history from retired Master Sergeant Jerry Ensminger.
- Dr. Longley, however, then did a second report from January 2025, and that had additional information.
- Are you familiar with the fact that --(inaudible)
- (Stenographer interrupted for clarification 10 11 of the record.)

BY MR. HUGHES:

- -- that in lawsuits, in litigation, an Ο. expert may do more than one report?
 - I was not aware of that until this case.
- Okay. So you -- have you ever done a Ο. rebuttal report in a case after you did a first report, or no?
- MS. HURT: Objection to form.
- 2.0 THE WITNESS: I have not.
- 21 BY MR. HUGHES:
- 22 Okay. Have you ever done a supplemental 23 report after a first written report in a case?
 - Α. I have not.
 - Q. Okay. And have you ever done a corrected

report after you did a first report in a case?

A. I have not.

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Q. Okay. I think you've done at least one errata sheet -- well, I don't know.

Have you ever done an errata sheet after issuing a report in a case?

MS. HURT: Objection to form and foundation.

THE WITNESS: I don't recall having done one, but it is possible.

BY MR. HUGHES:

- Q. Okay. Would it surprise you to know that experts from time to time in lawsuits have done supplemental reports after their first report?
 - A. Not after my involvement in this case, no.
- Q. Okay. In this case are you aware that there are three phases of discovery for what's called the "Track 1 Plaintiffs"?

Are you aware of that or not?

- A. No.
- Q. Okay. In this case, to -- just to make clear, were you aware that of a total group of hundreds of filed plaintiffs, 25 have been selected as what's called the Track 1 Plaintiffs, and the reports that Dr. Longley has done to date are only

1 | for the Track 1 Plaintiffs?

Were you aware of that before now?

MS. HURT: Objection to form and

4 foundation.

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THE WITNESS: I don't know that -- I was not aware of the specifics until you just stated them.

BY MR. HUGHES:

Q. Okay. And were -- are you aware that after the Track 1 Plaintiffs, as the case proceeds, that unless there's a resolution, there would then presumptively be discovery of what's called the Track 2 Plaintiffs?

Were you aware of that fact?

MS. HURT: Objection to form and foundation.

THE WITNESS: I was not aware of that.

BY MR. HUGHES:

- Q. Okay. Do you know which reports from you or from Dr. Brigham were filed in what's called Phase I discovery and Track 1 versus Phase II discovery and Track 1? Do you know either way?
- A. I don't know about my report or about Dr. Brigham's report.
 - Q. Okay. Would you agree that there's an

aspect to healthy historical methodology, a historian's methodology that is accretive; it gathers up, it accumulates over time, like layers?

MS. HURT: Objection to form.

it wasn't my last book, but it was the book prior to that, the title of which is A Misplaced Massacre, something like that to describe the historian's methodology, particularly what's known as the historiography, which is the conversation that happens between historians over time, sometimes across generations, that it is similar to the process of accretion, that we gather lots of information and -- or I think what I might have said is that we excavate layers of information and eventually that it does accrete into something like historical knowledge.

BY MR. HUGHES:

Q. Okay. I'm going to show you Dr. Longley's reports in a second, but do you recall that Dr. Longley's first report overwhelmingly cited to historical documents versus citing to interviews or purported oral histories?

MS. HURT: Objection to form.

THE WITNESS: Am I -- I'm sorry. I'm going

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1 to restate the question just to make sure I've got
2 it, I -- if that's okay.

Am I aware --

BY MR. HUGHES:

O. Yes.

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A. -- that Dr. Longley's first report was largely rooted in written documents rather than in oral histories? Is that the question?

BY MR. HUGHES:

- Q. Yes, sir.
- A. I don't know that I did -- and that was poorly phrased on my part.

I did not do an analysis of

Dr. Longley's -- I didn't do a statistical analysis

of -- of the sorts of sources that Dr. Longley used

so that I would be able to say to you with any kind

of accuracy how many of them were written versus

oral histories. I was aware that he used both.

Q. Okay. So when I -- and just to follow up on that, when I looked at Dr. Longley's reliance list for his first report, I found that over 90 percent of the reliance list items were written documents and not oral histories or interviews.

Does that sound consistent with your recollection of what Dr. Longley was citing to in

his first report?

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Objection to form. MS. HURT:

THE WITNESS: So when I was doing my work, again, I wasn't so much concerned with the relative number of written versus oral sources. And so I don't know whether that's consistent with my perception or assumption. I was more focused on the methodology that he was using with regard to oral histories and also written sources.

BY MR. HUGHES:

Okay. And then in Longley's second report, Ο. he had a reliance list item of "oral history notes and e-mail reflecting discussions with Ensminger" and then a citation to "oral history notes with Partain."

In that situation, there were also documents produced that summarized those discussions.

And so are you aware, do you agree, that between the first report and the second report Dr. Longley added to his citations; in other words, now he did new interviews where instead of just saying "I did an interview," he also provided a written summary of the interview?

Does that sound correct to your

Page 47 1 recollection? 2 MS. HURT: Objection to form. THE WITNESS: Sorry. We're having some --3 we're having some issues with the lights here. 4 We've just solved that issue. 5 So you -- I may have -- you might have had 6 a hard time seeing me there for a moment, which 8 probably improved things on your end. 9 BY MR. HUGHES: Not at all. 10 Ο. 11 So may I ask, so --Α. Yeah. 12 Ο. -- you were referencing, just a moment ago, 13 14 differences between the first and second of 15 Dr. Longley's reports, and you were asking if I was 16 aware that he had either conducted some additional 17 oral histories or that he had taken additional notes between those two; is that correct? 18 19 Right. O. 2.0 I'm afraid I don't recall the specifics, 21 but I -- but I believe that's right.

And I'll show you the reports in a second,

But here's the timeline I'm going to try to

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Okay. So -- thank you.

and we'll take a break in a second.

show you, that Dr. Longley did his first report. It was December 7th, 2024. It cited to oral history from Sergeant Ensminger, retired Sergeant Ensminger. It didn't have any documents.

You and Dr. Brigham critiqued it.

Dr. Longley then did a second report

January 13th, 2025, in which he now had a written

document, a summary dated January 7th, 2025, of a

new discussion with Mr. Ensminger that now had a

summary and a discussion with Mr. Partain that now
had a summary.

Then in his third report, Dr. Longley went further and actually did an audiovisual recording of the interview, an interview with Ensminger and Partain, which was then produced. The date of that interview was March 10th, 2025.

And so what I'm getting at is, can you see how that itself reflects a methodology of a historian --

MS. HURT: Objection --

BY MR. HUGHES:

Q. -- that they did their first thing, they got critiqued, they did additional work, and now they've done even additional work?

Do you -- do you see my point there, or is

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that something that doesn't make sense to you? Objection to form. MS. HURT:

THE WITNESS: I understand your point, but I would disagree with it.

Again, the -- when historians circulate drafts to one another, they're drafts. They're not reports that are going to be entered into evidence or they're articles or books that are going to be published. The goal at that point is to solicit critiques from trusted or sometimes not particularly trusted colleagues so that the work can be improved.

And when I say "not particularly trusted colleagues," I want to be clear. I'm not being flippant or glib there. I have colleagues who will share work with people with whom they strongly disagree over major interpretive issues because they want the feedback from those colleagues so that either they can improve their work or so that they'll at least understand the critiques that are likely to appear once the work appears in print.

What -- what you seem to be describing would be a process where I would publish something. Someone would critique it. I would then publish something very similar to that original work, but augmented by the critiques, perhaps the same person

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would critique it again more substantively or along similar lines. And then I would publish a third thing.

I'm not familiar with scholars who have used that kind of process or method. It's not to say that it's never happened. I just don't -- I just don't know of any who have done that, and I would -- I -- I wouldn't -- it doesn't -- it doesn't seem to meet the standards of the profession.

We're supposed to make sure that we feel comfortable with the work that we're putting out into the world that we publish and that -understanding that it is very likely to be critiqued because, again, we're not a very trusting bunch, historians, that is. And so that's why we go through that process often.

And you are right about this, here I definitely agree with you, that we solicit feedback in draft form so that we can feel comfortable that by the time we get to publication, we're ready to -where we feel comfortable with what we're putting in print.

BY MR. HUGHES:

Okay. And, once again, you're analogizing Q. an expert report served in a case to a publication

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- Well, what I'm saying is that the same methodological standards of the profession, in my view, should hold; that when I wrote this report for the Department of Justice, I held myself to the same standard that I would hold myself to when I am doing other work, including publishing a scholarly article or a book manuscript, even though writing a book might take longer -- likely would take longer.
 - Okay. What can oral history be used for? Ο.
- I -- oral history can be used in a variety of different ways as a source for scholars who are producing analyses of past events, so for historians.

Oral histories can also be used by non-historians who are interested in learning about the perspective or the viewpoint or the experiences of an individual whose story has been collected by an oral historian.

Oral histories can be used by journalists and other writers, non-scholars, that is, if they're looking for sources into an event or events.

I'm sure there are other uses as well. Those are -- those are just the ones that are coming to me immediately.

Q. Okay. Substantively, for example, an oral history project could be done with regard to the memories of a massacre; correct?

MS. HURT: Objection to form.

THE WITNESS: I think that would be possible. But I -- I think that you may be pointing to what I understood to be a mischaracterization in Dr. Longley's response to my report.

My book on the Sand Creek massacre uses oral histories not to try and gain insight from the subjects of my oral histories into what happened at the massacre itself. I spoke with people who were alive when I conducted those oral histories, as you might imagine, about their experiences trying to memorialize the Sand Creek massacre. There was no one alive at the time that I conducted my oral histories who had experienced the massacre itself; and so, therefore, I didn't try and gain insight into what had happened at the massacre based on oral histories that I conducted.

BY MR. HUGHES:

Q. Okay. Would you agree that, for example, in the situation of the Vietnam War, it would be possible to take oral histories of surviving service members for purposes of documenting information

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about what happened in the Vietnam War?

MS. HURT: Objection to form.

THE WITNESS: So what I would suggest is that when somebody is conducting an oral history, they have a responsibility -- and the term of art that I used, and I drew this -- I'm fairly sure that I drew it from Marc Bloch, who wrote a -- sort of a methodological primmer called The Historian's Craft -- that historians have a responsibility to interrogate their sources. It's not the kind of interrogation that the police do with a suspect.

What that means is to apply certain standards, analytical and methodological standards, to the -- to the sources that we use, to understand the potential biases, the perspectives, the goals that an individual -- that the person who produced a source might have had, that's perhaps especially true with oral histories. Certainly the -- the people who write about oral histories, people like Don Ritchie and others, indicate that historians should be especially careful.

So what I would say is that if I were interested in speaking with a veteran of the -- of the conflict in Vietnam, I would be interested in learning from them about their experiences in that

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conflict. But as to the specifics of your question, I would be wary of asking them broad questions about the war in Vietnam. I would -- I would want to be asking them about their experiences specifically.

BY MR. HUGHES:

Q. Okay. Let's narrow the topic.

If the topic was not the war in Vietnam but the use of Agent Orange in Vietnam, is that a topic where an oral history project may be fruitful?

MS. HURT: Objection to form.

THE WITNESS: I -- I'm going to give you -- I apologize in advance. I'm going to give you a somewhat long answer, and I hope -- I hope it will make sense why in a moment.

We're losing the lights here again. We're just going to take a second. I'm going to -- I'm going to just pause for a moment.

BY MR. HUGHES:

- Q. I promise I'm not manipulating the lights from this end.
- A. So I'm going to rephrase your question again, just to --
 - O. Yes.
- A. -- refresh my -- my memory, and you can tell me if I've got it wrong. But the question was,

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would it be -- would it be possible or would it be helpful to use oral histories to understand the -the use of Agent Orange during the conflict in -the Vietnam War; is that right?

Yes, sir. Ο.

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So I'm going to start by saying, we're outside of the scope of my expertise. I am not a historian of the Vietnam War, but I could imagine that it could be useful to do that. And the reason for that is -- and, again, I warned you that I'm going to give you a somewhat long answer, but I promise that it won't be digressive.

Oral histories used to be treated with a great deal of skepticism by most professional historians. Professional historians were concerned that the people who provided oral histories often had flaws in their memory or they had a particular bias or perspective that -- that limited the utility of oral histories.

As time has passed, though, I would say over approximately the last 40 to 50 years, many, perhaps even most -- I've not done a survey. so, again, I don't -- I don't have good data on this, but many, perhaps even most historians now do understand or accept that there's considerable

utility in the use of oral histories.

I'm one of those historians, by the way, as we've noted. I've used oral histories in my own And the reason for that is that oftentimes people who provide oral histories can offer a perspective that would not have been captured otherwise in the written record.

And so that's why I said a few moments ago that if I were interested in answering broad questions about the United States's intervention in Vietnam, I personally would not likely go to oral histories. I would go to written records, to diplomatic correspondence, to presidential libraries, to see what kinds of documents are there.

But if I were interested in the experiences of individuals, I might use oral histories.

If I was narrowly interested in the Okay. experiences of individuals who physically handled Agent Orange in Vietnam or who physically were in the field and saw what they believed to be Agent Orange visually in their vicinity, okay, if that was the topic, would you agree that interviewing survivors of Vietnam may shed light on such a topic?

MS. HURT: Objection to form.

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THE WITNESS: In that instance, it sounds like you are seeking the perspectives of individuals about their own experiences. And so, again, acknowledging that this is beyond the scope of my expertise, I would say, broadly speaking, yes, it might well be appropriate to use oral histories.

BY MR. HUGHES:

Q. Okay. What if you had a cohort of service members who were stationed at Camp Lejeune between 1955 and 1985 and you have basic military records that can be digitized and searched that would place the identities of the service members in the different regions of Camp Lejeune during that time period; okay?

And let's say the goal of your oral history project would be to find out whether the Marines that were stationed at a place like Montford Point would regularly travel to Hadnot Point, or not, or whether, say, Marines that were stationed at Tarawa Terrace would use the local Tarawa Terrace commissary versus going down to the Hadnot Point commissary; okay?

And the purpose of that oral history project would be in connection with assessing whether individuals were exposed to water from two

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water systems that were contaminated, the Tarawa system and the Hadnot system.

Would you agree with me that in that situation, oral histories or interviewing the survivors may be a useful way to learn more information on that topic?

MS. HURT: Objection to form.

THE WITNESS: So what you said at the end of the question there was "may be a useful way."

BY MR. HUGHES:

Ο. Yes.

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And my answer to that is that as someone who has worked with oral histories but does not have expertise in Camp Lejeune or -- forgive me, I don't even know the locations -- but that what I would say is that there may be utility in speaking with individuals who had the experiences that you described, who served at Camp Lejeune or lived at -on base, but that, again, the methodological prescriptions or the methodological standards of the profession would still apply in that case.

I would want to be very, very cautious about understanding the potential biases, the perspectives, the goals, of the individuals with whom I was speaking so that I could -- and, again,

I'm using that same term of art here -- so that I could interrogate my oral histories. As I mentioned to you, that's a process that for oral historians generally happens after the fact.

So you, in this deposition, might choose to drill down on some of my answers. You might -- I think you used the word "extractive" earlier. You might try and extract information from me.

Oral historians, because they share authority, generally at the moment of conducting an oral history are unlikely to drill down in that way, though they are encouraged to ask follow-up questions. But then they have a responsibility to treat their oral histories, the source that they have collected, to treat it with considerable skepticism.

Historians are trained to be very, very skeptical of their sources. And what -- if you'll forgive me, I'll -- I'll tell you a very quick story about an interaction that I had with one of my mentors in graduate school who -- and it speaks to a question you asked me earlier -- who looked at a draft of something I wrote. And he said, "This is very interesting, Ari, but you're relying on this source here." He said, "This source is telling you

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almost exactly what you want to hear. You need to be extraordinarily suspicious when a source is telling you what you want to hear."

And so what I would say of the collection of oral histories of individuals who were stationed at or lived on base at Camp Lejeune, I want to be very, very careful about interrogating those sources carefully, about -- about employing unusual skepticism in my approach to them.

- Q. Okay. Let me ask you, in taking oral histories, is -- does it always have to be one person doing the interview or can it be more than one, in your experience?
- A. You're using a prescriptive statement,

 "Does it always -- does it always have to be."

 (Simultaneous speakers unclear.)

THE WITNESS: And then you said "in my experience."

So let me just -- let me answer real quick and say, I have never conducted an oral history jointly with another scholar, but I believe that it happens.

BY MR. HUGHES:

Q. Okay. Well -- okay. Thank you.

Have you ever --

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MS. HURT: Hey, John -- oh, sorry. John, I was going to see if we could take a break soon. So I -- just keep it in mind for when you get done with this line of questioning.

MR. HUGHES: Oh, no, no. This is all fine.
This has been -- I'm very -- I'm very glad that

This has been -- I'm very -- I'm very glad that we're doing this deposition. Let's take our first break. Let's take a five-minute break and then pick it back up after everyone can go and stretch and maybe use the restroom. And then we'll start back up in five minutes.

Is that okay?

MS. HURT: Yes. Thank you.

THE WITNESS: Thank you.

MR. HUGHES: Thank you.

THE VIDEOGRAPHER: We are going off the record at 3:26 p.m.

(Recess taken from 3:26 to 3:39.)

THE VIDEOGRAPHER: We are back on the record at 3:39 p.m.

BY MR. HUGHES:

Q. Dr. Kelman, do you know whether the oral history tool has been used to date in any prior lawsuit or litigation?

MS. HURT: Objection to form.

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1 THE WITNESS: I don't know.

BY MR. HUGHES:

Q. Okay. For the Sand Creek book, I read -there was somewhere where you gave a number of how
many oral histories roughly you and your folks
conducted.

Do you remember what that number was approximately?

- A. It was just me. I didn't have any folks, unfortunately. And it was right around 100 oral histories.
- Q. Well, the fact that it was just you might have been for the best in terms of, you know, that you know what you're doing.

But for 100 oral histories, can you give us a ballpark sense of how much time that took and what it cost to do?

A. I conducted the oral histories over several years, but not steadily. So each oral history took somewhere between -- I believe the shortest one that I conducted was approximately half an hour, 40 minutes. The longest lasted almost three and a half hours. I tried very, very hard not to conduct more than three or four oral histories over the course of a day, just because I would grow tired.

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- Q. Yes.
- A. -- in terms of cost, I was a salaried employee of different universities at that time. So I don't -- I don't -- I never figured out an hourly. I wasn't paid very much at that point in my career. So it probably would have just depressed me.
 - Q. Yes, sir. Yes, sir.

Okay. What's the largest oral history project you've ever heard of, out of curiosity? Like, do we know whether there's been any oral history projects where it was more than a thousand people?

A. I don't know the precise numbers. The large oral histories that -- oral history projects that I know about, there's the Southern Oral History project, I believe it's called. That was actually out of the University of North Carolina.

Jacquelyn Dowd Hall and others were in charge of that.

And then larger still would have been the Federal Works project, which was under the New Deal during the Great Depression. That was historians and anthropologists and other ethnographers working with all kinds of people. And it may well be that

1 they collected well over a thousand oral histories.

There's also Steven Spielberg, and I don't remember all of the partners, but it's the United States Holocaust museum or memorial. Yad Vashem did a massive oral history project with survivors of the Holocaust. And, again, that may well have been thousands of people.

Okay. Let me -- all right. You've written of the Jewish experience. And I'm saying that as somebody -- I'm not Jewish myself, but one topic area you've written on is Jewish experience.

Is that fair to say?

That was another error in -- in Α. No. Dr. Longley's response to my report. There are -there are, believe it or not, two Ari Kelmans.

I write about the various topics that you've seen on my CV.

The other Ari Kelman writes about the Jewish experience in the United States.

Ο. Oh, wow. Okay.

So you have written about Sand Creek. You have not written about the Jewish experience; is that correct?

I have not written about the Jewish experience, that is correct.

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Q. Okay. All right. With regard to Sand Creek, is it fair to say you did a -- you took a number of oral histories, and it was regarding a historical event that was before the time of birth of the oral historian; is that correct?

> MS. HURT: Objection to form.

I took oral -- I conducted THE WITNESS: oral histories with people who were alive after the Sand Creek massacre, yeah.

The Sand Creek massacre happened in 1864. And I conducted the oral histories for my project between 2000 and -- boy, 2002 and 2007, roughly speaking.

And so the people that I was working with had not experienced the massacre itself. participated in the project to memorialize the massacre.

BY MR. HUGHES:

- Okay. And have you ever participated in an O. oral history project where the people you interviewed were eyewitnesses to the actual historical event?
- Well, the people that I interviewed were eyewitnesses to the actual historical event. historical event that I was writing about was the

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memorization of the Sand Creek massacre. My book is about collective memory and processes of memorization and the production of historical knowledge.

So the people that I conducted oral histories with were firsthand -- they were providing firsthand accounts of their experiences.

Ο. Okay. I understand that.

When you compile oral histories, are there steps you take to make sure that in the questions you're asking you're not too biased?

Α. Yes.

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- What kinds of steps do you take to make sure that you're not too biased?
- Well, I don't know what "too biased" means. I -- what I would say is that historians acknowledge that everyone has biases, and what we try and do is control for that bias.

So let me give you an example from my own work. There were subjects with whom I conducted oral histories that I liked and there were other subjects that I liked less. And it was incumbent upon me as an oral historian not to allow my preferences for one person versus another to inflect or to shape the kinds of questions that I was

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- Q. Okay. In this case are you aware generally that there's a dispute regarding claims of water contamination at the Camp Lejeune base?
- A. I'm aware of that only in the most general sense, yes.
 - O. I understand.

And I will tell you that in the Camp Lejeune case, one issue regards the contention that some of the water systems were contaminated by things like chlorinated solvents, while other water systems for the base were not contaminated.

Were you aware generally of that fact before I told it to you just now?

MS. HURT: Objection to form.

THE WITNESS: Again, only in the most general sense, yes.

BY MR. HUGHES:

Q. And without looking at Dr. Brigham and his reports, you'll recall that Dr. Brigham looked at issues like whether service members who were at a site like Montford Point that had a uncontaminated water system would spend time down at Hadnot Point which had a contaminated water system.

Do you remember that kind of general

1 | discussion in Dr. Brigham's reports?

MS. HURT: Objection to form.

THE WITNESS: Very generally, yes. But that was beyond the scope of what I was being asked to opine about.

BY MR. HUGHES:

Q. I understand.

But you were asked to opine about topics related to oral history; right?

A. Yes.

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Q. Okay. And the topic regarding oral history I'm asking you to look at now is the topic of -- let me represent to you that the statute that these cases are pending under allows the Court to award any appropriate relief.

Were you aware of that fact, that the statute allows the Court to award any, quote, appropriate relief, unquote, before I told you that right now?

MS. HURT: Objection to form and foundation.

THE WITNESS: No, I was not aware of that.

BY MR. HUGHES:

Q. Okay. Are you aware that in some other types of cases, from time to time courts have

awarded what's called equitable relief such as in the form of a information gathering or monitoring program for people who were exposed to a toxic environmental situation? Were you aware of that before I just said it to you now?

MS. HURT: Objection to form and foundation.

THE WITNESS: I was not.

BY MR. HUGHES:

THE WITNESS:

I want your assistance -- I want to O. Okay. ask you, because you've taught about it and you know about it, if the Court were to order an oral history project for Camp Lejeune, and if the topic of the oral history was things like activities that would place a service member in one region of the base, like Montford Point or Camp Johnson, versus another region of the base, like Hadnot Point or Tarawa Terrace, okay, if that was a subject -- a topic for the oral history, would you agree with me that that's something -- that's a topic that oral history, if it's done the right way, might help to give us information about? MS. HURT: Objection to form and

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foundation.

I'm sorry, but we're so far

out of the scope of my expertise, I don't -- I don't even think I can I give you a useful answer. I just don't know.

BY MR. HUGHES:

Q. Okay. All right. If it were to be found that, yes, oral histories could be conducted of Lejeune service members who are still alive and who can be identified on the base, would you agree that such oral histories should be kept in a permanent archive?

MS. HURT: Objection to form.

THE WITNESS: If interviews are going to be called oral histories, they should be archived.

BY MR. HUGHES:

- Q. Okay. Are you aware of the fact that on the U.S. Marines website, there are examples of oral histories that were taken around the year 2000 and the oral histories were of service members that gave experiences going back to World War II? Were you aware of that fact?
 - A. No.
- Q. Okay. Do you agree with me that, depending on what the topic is, it may be useful to take oral histories of people that were eyewitnesses to events, notwithstanding the fact that the events

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Page 71 1 might have occurred over 20 years ago? 2 MS. HURT: Objection to form. 3 THE WITNESS: Could you repeat the question? 4 BY MR. HUGHES: 5 Ο. 6 Sure. 7 I gave you the example and cited in one of 8 Dr. Longley's reports that on the U.S. Marines 9 official website there are some transcripts of what are called "oral histories"; okay? 10 11 And what you said is you weren't aware of 12 that fact until I told you; correct? 13 MS. HURT: Objection to form. 14 THE WITNESS: I wasn't aware -- yes. 15 That's fine. 16 BY MR. HUGHES: 17 All right. And those oral histories, Ο. 18 they're dated as having been taken I believe around 19 the year 2000. And they interview service members 2.0 that talk about life on bases as far back as the 1940s. 21 And so that leads me to the question, which 22 23 I'm asking you, of would you agree that oral histories can be useful even if there's a time gap 24

between when the events occurred and when the

historian is being interviewed?

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MS. HURT: Objection to form.

THE WITNESS: It kind of depends what you mean by "useful." I could imagine situations in which there might be some utility in collecting those kinds of oral histories.

As someone who has done oral history, I would be very skeptical of oral histories that are conducted with individuals about events that took place, it sounds like you're saying, as much as 40, 50, 60 years earlier. That would be an extraordinary passage of time. And a lot could happen between the events that the individual is being interviewed about and the point at which they are being interviewed.

It would then be incumbent upon the historian, the oral historian, to be very, very careful with the use of those sources.

BY MR. HUGHES:

O. I understand.

So let me give you an example. On the U.S. Marines website, there's an interview -- a transcript of an interview with Master Sergeant Ralph Freeman. The interview was dated 1999. And part of what Mr. Freeman talked about was his

experiences at Camp Lejeune in 1943.

And so there with the time period running 40 or more years, would you agree with me that there can still be utility to undertaking oral history interviews, depending on the subject?

MS. HURT: Objection to form.

THE WITNESS: So I mentioned to you earlier that the Sand Creek book that I wrote is really about memory and collective or public memory. And what I would say in this instance is that you might want to conduct an oral history with someone about an event that had transpired I think 56 years earlier, it sounds like. But you would need to be very, very, very skeptical of the kind of information that you would get about the event in question.

You could learn a great deal about an individual's perspective on their own experiences. You could learn a great deal about what had happened to them in the intervening years. You could learn a great deal, depending on the kinds of questions that you might ask, about their perspective on the past or about their perspective on their own memory. And you might -- I suppose you might be able to learn something about the events in question.

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But as an oral historian, as I say, I would be very skeptical.

BY MR. HUGHES:

Q. Okay. What if the scope of the oral history was extremely limited?

Let me give you a hypothetical.

What if what was collected in the first instance was confirmation of basic personal data, like the person's name, the fact that they had been at Camp Lejeune, that they recall being there in a time period between the '50 and the '80s; okay? And then the fact that they consent to having a sample taken of their DNA and their blood and samples are then taken; okay?

In other words, can you envision a situation in which we could have abbreviated oral information, like what I just summarized, coupled with obtaining scientific data, like DNA samples or blood samples?

MS. HURT: Objection to form and foundation.

THE WITNESS: So thinking only about the examples that you just described, I think that using oral history in those instances could have utility, yes.

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pv	MR.	HUGHES:
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Q. Okay. And it occurs to me that oral history is a subcategory of something very large that we could call discourse or textuality.

Would you agree with that?

MS. HURT: Objection to form.

THE WITNESS: I honestly have no idea.

Sorry.

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BY MR. HUGHES:

Q. Okay. For example, if we call oral history loosely something like an interview of predetermined topics that try to be balanced. It's recorded. There's consent. It's put in an archive. It's transcribed. Perhaps the historian is given a chance to review it and redact it or correct it. Let's call that a classic oral history.

Is that okay as a general description of an oral history in a formal sense?

- A. Yes.
- O. Okay. Good.

Now, on the other hand -- and in that sense, an oral history, it's a form of communication between two people, the interviewer and the interviewee.

Would you agree with that?

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- Q. Okay. And the communication in this instance is oral, it's verbal; right?
 - A. Yes.
- Q. Okay. But we could imagine -- let's imagine somebody who's nonverbal. One could imagine a variant which is strictly e-mails back and forth. That would be a form of communication that could gather information.

That's not what we mean by this formal category of oral history; correct?

MS. HURT: Objection to form.

THE WITNESS: E-mails are not oral histories, no.

BY MR. HUGHES:

- Q. All right. All right. And I think -- am I right that you've looked at issues of neuroscience, but you felt that that wasn't really your wheelhouse to write about them, or am I thinking of the wrong Ari Kelman?
- A. You've got the right Ari Kelman. That's right, I -- I spent some time reading the literature on cognitive neuroscience of memory and then decided that I was insufficiently expert in questions of disciplinary knowledge. And so I did not ended

up end up writing about those iss	sues.
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Q. Okay. In looking at the Sand Creek incident, would it be fair to say that one issue that is highlighted by those events is -- I'm not sure how to put it -- how texts regarding history can be suppressed or lost.

Would you agree with me on that?

MS. HURT: Objection to form.

THE WITNESS: I'm thinking.

I don't know that I agree with that precisely, no.

BY MR. HUGHES:

Q. Okay. What about the concept that one area for a historian, properly, to look at is the history of lost and suppressed information?

MS. HURT: Objection to form.

THE WITNESS: Historians do look at lost and suppressed information, yes.

BY MR. HUGHES:

Q. Okay. All right. In this case has anyone apprised you of the fact that there's an issue regarding the existence or loss of what are called historical well logs for Camp Lejeune?

MS. HURT: Objection to form and foundation.

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	Page 78
1	THE WITNESS: No.
2	BY MR. HUGHES:
3	Q. Okay. Do you know whether logs were
4	historically kept reflecting the operation of supply
5	wells for the water treatment plants at Camp Lejeune
6	in the 1950s through the 1980s?
7	MS. HURT: Objection to form and
8	foundation.
9	THE WITNESS: I do not know that, no.
L O	BY MR. HUGHES:
L1	Q. All right. Do you know whether in or about
L2	the mid-1990s a water treatment plant employee named
L 3	Bert Mont (phonetic) retrieved a trove of water
L 4	treatment plant logs that were being, in the process
L 5	of, thrown out? Were you aware of that situation
L 6	before I just told you?
L 7	MS. HURT: Objection to form and
L 8	foundation.
L 9	THE WITNESS: I was not aware of that
20	before you mentioned it, no.
21	BY MR. HUGHES:
22	Q. And were you aware that the Court has
23	established a document repository in this case?
24	A. I'm not sure I know what you mean by "a
25	document repository." I apologize.

1	Q. Okay. Are you aware that the Court in this
2	case has entered an order requiring a document
3	depository or repository to be established?
4	MS. HURT: Objection to form.
5	THE WITNESS: I wasn't aware of that, no.
6	BY MR. HUGHES:
7	Q. Okay. And were you aware that some of the
8	documents in that depository or repository are well
9	logs and water treatment plant logs with information
10	that dates from as early as the '40s and from as
11	late as 1995?
12	MS. HURT: Objection to form and
13	foundation.
14	THE WITNESS: No, I was not until you
15	mentioned it.
16	BY MR. HUGHES:
17	Q. Okay. And were you aware that,
18	unfortunately, these well logs and water treatment
19	plant logs appear to when it comes to specific
20	historical supply well data, they appear to be
21	focused on the New River water treatment plant and
22	the Camp Geiger water treatment plant as opposed to

being focused on other water treatment plants?

you aware of that before I told you?

MS. HURT:

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THE WITNESS: I was not aware of any of that before you told me.

BY MR. HUGHES:

Q. Okay. Were you generally aware that the two water treatment systems that are alleged to be contaminated by perchloroethylene, trichloroethylene degradation products, and benzene, that those communities and water treatment plants were Tarawa Terrace and Hadnot Point?

MS. HURT: Objection to form.

THE WITNESS: Did you ask if I was generally aware of that? Sorry, I ...

BY MR. HUGHES:

- Q. Yes. Yes, just generally.
- A. Generally, yes.
- Q. Okay. Were you aware that the historical well logs showing the historical use of the water supply wells for the Hadnot Point water treatment plant for the period from the '50s to the '80s are apparently completely lost or destroyed?

MS. HURT: Objection to form and foundation.

THE WITNESS: I was not aware of that until you told me right now.

ΒY	MR.	HUGHES:
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- Q. Okay. And do you know whether the Department of the Navy had the primary duty to preserve those records?
- 5 MS. HURT: Objection to form and 6 foundation.

7 THE WITNESS: No.

BY MR. HUGHES:

- Q. Okay. Do you know if Mr. Mont is still alive?
- 11 A. I don't even know who that is. I'm sorry.
 12 Is that the person you mentioned earlier?
 - Q. Yes, it is. Yes, sir.
- 14 A. Oh. No, I don't. No.
 - Q. Okay. Would you agree that if the still-living individuals that used to work at the water treatment plants could be interviewed, identified and interviewed, today that may help us understand what happened to the well logs for Tarawa Terrace and Hadnot Point?
- MS. HURT: Objection to form and foundation.
- THE WITNESS: I'm sorry. We're so far

 outside of my area of expertise, I wouldn't be able

 to give you a helpful answer.

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DV	MR	HUGHES:
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Q. Respectfully, I don't think we are. The point I'm making is that, first, you're an expert at history.

You're a historian by trade; correct?

A. Yes.

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Q. Okay. And you have the sense of issues that are fruitful or useful for a historian to investigate or not; correct?

MS. HURT: Objection to form.

THE WITNESS: Yes.

BY MR. HUGHES:

Q. Okay. And if at Camp Lejeune there was an issue regarding the loss or destruction of the well logs for the supply wells for the two key contaminated water systems, that issue might be something -- that's an issue of lost or missing documents -- that's the kind of issue a historian may be able to fruitfully investigate; correct?

And I know you say it's outside of your area. That's not what I mean. I know you weren't retained for it. That's my point.

But you will agree with me that researching issues of lost or suppressed documents falls within a historian's wheelhouse, does it not?

1 MS. HURT: Objection to form and 2 foundation.

THE WITNESS: It falls within the wheelhouse of some historians. As I mentioned to you earlier, it's not the kind of work that I've done.

BY MR. HUGHES:

- Okay. In the Sand Creek massacre incident, there was a participant involved named Chivington; correct?
 - Α. Yes.

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- Chivington had his own message as to what Ο. he wanted history to remember about Sand Creek; fair to say?
 - Α. Yes.
- Okay. Fair to say that in some respect, Ο. the message of indigenous people, including descendants of people associated with the massacred population, in some instances were not as preserved or as popularized historically as were the statements and the texts of John Chivington; correct?
- From the period between 1864 and, roughly speaking, 1990, yes, that's correct.
 - Q. Okay. In this case, that you were not

asked to look at the issue of when the internal documents at Lejeune first detected the water contamination; correct? You were not asked to look at that historical issue; right?

- A. That's correct.
- Q. Okay. You were not asked to look at whether as early as 1980 internal documents showed the word "solvents" in handwritten capital letters with exclamation points specifically with regard to one of the Camp Lejeune finished water systems; correct?
- MS. HURT: Objection to form and foundation.
 - THE WITNESS: It is correct that I was not asked to opine on that, yes.

BY MR. HUGHES:

- Q. Okay. And, in fact, were you even aware that circa 1980 there was an internal document maintained at Camp Lejeune that reflected a warning internally to the effect of solvents in the finished water?
- MS. HURT: Objection to form and foundation.
- THE WITNESS: I was not aware of that, no.

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Q. Okay. Now, are you aware of how many years after that internal document, how many years after that, did the issue of Lejeune water contamination become broadly public? Do you have any understanding of how long after 1980 it became a broadly publicized issue?

MS. HURT: Objection to form and foundation.

THE WITNESS: No, I don't have the specifics on that.

BY MR. HUGHES:

Q. Okay. All right. Do you know if the ATSDR agency's timeline picks up circa 1989 and 1990 with regard to its work on the Lejeune water contamination? Were you aware of that fact?

MS. HURT: Objection to form and foundation.

THE WITNESS: No, I was not.

BY MR. HUGHES:

Q. Okay. Are you aware of whether laws like CERCLA and internal regulations called NAVMEDs imposed a duty on the Navy and the Marines to maintain relevant documents, and that statutes requiring the maintenance of relevant documents

	Page 86
1	included CERCLA as a federal statute and it included
2	historical NAVMED regulations? Were you aware of
3	that?
4	MS. HURT: Objection to form and
5	foundation.
6	THE WITNESS: No.
7	BY MR. HUGHES:
8	Q. Okay. And were you aware that if the facts
9	regarding the rescued documents, which were saved by
L O	Mr. Mont from the garbage apparently in the
L1	mid-'90s, that if those facts allow for an inference
L 2	that the Tarawa Terrace and Hadnot documents were
L 3	also still around as late as 1995
L 4	MS. HURT: Objection to form
L 5	BY MR. HUGHES:
L 6	Q in that case in that case, if the
L 7	facts show that, are you aware of whether that would
L 8	show what's called spoliation of evidence?
L 9	MS. HURT: Objection to form and
20	foundation.
21	THE WITNESS: No.
22	BY MR. HUGHES:
23	Q. Okay. If the facts showed that Mr. Mont
24	rescued a batch of water treatment plant records
25	that related to Geiger and New River and that had

data as -- from as early as the '40s and as late as 1995, if the evidence showed that he rescued those, would you agree that if he had not rescued them, that would have been spoliation?

MS. HURT: Objection to form and foundation.

THE WITNESS: I'm not even sure I followed you. I apologize.

BY MR. HUGHES:

Q. Okay. The point I'm trying to make is that when we look at the issue of lost or missing records, from a legal perspective we have to look at intent or culpability or negligence.

And so I'm trying to ask you from a historian's perspective, when I look at Sand Creek, I hear -- I read things about how -- preferred narratives and suppressed facts by populations that were disadvantaged. And so what I draw from that is you would agree that that's a proper topic for a historian.

And what I want to establish here, one thing, is that you have not been made aware that there are issues of lost and destroyed documents and suppressed information regarding Camp Lejeune and the water pollution, and you have not been asked to

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Page 88 1 research any of those; correct? 2 MS. HURT: Objection to form and foundation. 3 4 THE WITNESS: That's correct. And we just lost your video. I'm not sure 5 6 if that's ... 7 MR. HUGHES: I need to plug in. 8 THE WITNESS: Okay. 9 MR. HUGHES: Let's take the second 10 five-minute break; okay? 11 MS. HURT: Okay. 12 THE VIDEOGRAPHER: We are going off the 13 record at 4:13 p.m. 14 (Recess taken from 4:13 to 4:22.) 15 THE VIDEOGRAPHER: We are back on the 16 record at 4:22 p.m. 17 BY MR. HUGHES: Okay. If you can pull up Exhibit 6, the 18 Q. 19 Longley report dated January 13th, 2025. 2.0 MR. HUGHES: Can you go to page 2 of this 21 report? 22 Keep going a little bit further down. 23 Okay. Yeah, stop there. BY MR. HUGHES: 24 Dr. Kelman, do you see where it talks about 25 Q.

- a cover story on Camp Lejeune from the April 1955 issue of Leatherneck magazine?
 - Oh, yeah, I do. Yes.
 - Okay. And do you see where it has the block quote that starts with (as read):

"From the air, Camp Lejeune looks 7 like a small city surrounded by suburbs"?

- Α. I do see that.
- Okay. Have you had a chance to review this Ο. part of Dr. Longley's second report before, to your knowledge?
 - I've looked at it, yes.
- Okay. And were you able to look at his Ο. source material there, the Leatherneck issue?
 - Α. No.
- Okay. Do you have any reason to dispute Ο. the accuracy of his block quote from the back issue of Leatherneck?
- I haven't looked at the source material, so I have no reason to dispute it.
- All right. And would you agree that that's Ο. an example of source material that's not an oral history?
- I'm looking at Dr. Longley's footnote. appears to come from a publication called the

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- 1 Leatherneck. And so, no, it's not an oral history.
 2 It seems to be a written source.
 - Q. All right. And do you have any criticism of his methodology in terms of using that written source, the Leatherneck issue, as we can see at page 2 of his report?
 - A. Would you scroll down so that I could take a look at the -- at footnote 3, please?

Oh, oh. We went past it.

That's all right. I saw it, though, as we were scrolling past.

No, I don't have any reason to criticize that.

- Q. Okay. And we can see these -- there's a footnote to Leatherneck; right?
 - A. Yep. Yes.
- Q. Okay. It's a backdate- -- it's a back issue dated from April 1955 according to the footnotes; right?
 - A. That's what the footnotes indicate, yes.
- Q. Okay. It also indicates that that particular issue is available publicly online, and it gives a -- an Internet address; correct?
- A. It looks like it's available at the Internet Archive, yes.

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Q. All right. If we go to page 4 of this

2 report, see the last paragraph talks about that --

- 3 | in the last full paragraph it says that for his
- 4 December 7th, 2024 report and his rebuttal report,
- 5 he obtained and reviewed oral histories,
- 6 | Congressional testimonies, and depositions. And he
- 7 | says he interviewed people such as --
- 8 A. We -- we seem to be in a different spot
- 9 | than you are, sir. Sorry.
- 10 Q. Okay.
- MR. HUGHES: Can you go to the bottom of
- 12 page 4? Thank you.
- 13 BY MR. HUGHES:
- 14 Q. Do you see the reference to "For my 12/7/24"
- 15 report"?
- 16 A. I do now, yes. Thank you. I appreciate
- 17 | it.
- 18 Q. Okay. And do you see where he says he
- 19 | interviewed people such as Ensminger?
- 20 A. Yes, I see that.
- 21 Q. Okay. Did you interview any -- any people
- 22 for purposes of doing your report for Lejeune?
- A. No, I did not.
- Q. Okay. Why not?
- 25 A. It would have been outside of the scope of

the subject for which I was hired to be an expert.

- Q. Okay. Did you ever ask to be able to do interviews of eyewitnesses from Camp Lejeune from the pertinent times for purposes of this case?
 - A. No, I did not.
- Q. All right. Would you agree that, under appropriate controls, taking interviews of people that lived at Camp Lejeune during the pertinent times and are still alive could provide us with valuable information regarding the issues for Camp Lejeune?

MS. HURT: Objection to form.

THE WITNESS: Under the proper conditions, using appropriate professional methodologies, yes, I could imagine situations in which it might be possible to gain information from subjects of oral histories.

BY MR. HUGHES:

- Q. Okay. Do you see four lines above the bottom of 4, it talks about "Mr. Partain published his master's thesis"?
 - A. Yes, I see that.
- Q. Okay. Have you been able to look at
 Mr. Partain's master's thesis?
 - A. No.

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Q. And then below it refers to a website called "The Few, The Proud, The Forgotten."

Do you see that?

Α. Yes.

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- Have you been able to look at the content Ο. of that website before today?
- I'm not 100 percent sure, but I believe Α. that I looked at it very briefly at one point, yes.
- Okay. You don't -- do you cite to the website in your report?
 - I do not, no. Α.
- I take it you don't have any critiques of the fact that Dr. Longley in this second report is referring to the master's thesis of Mr. Partain or the website given that you haven't extensively reviewed either one; is that correct?

MS. HURT: Objection to form.

I don't have any specific THE WITNESS: criticisms of his mentioning Mr. Partain's master's thesis or this website.

BY MR. HUGHES:

- All right. Do you see page 5 of the Ο. report?
 - Α. Not yet.
 - Q. Okay. If you can go down halfway through,

do	you	see	th	.e	yea	ıh, t	the	parag	graph	in	the	midd	lle
tha	at s	ays		begin	ns "	The	Par	rtain	websi	te	time	eline	:"?

- A. I do see that.
- Q. Have you read this paragraph before?
- A. Yes.

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Q. Okay. The paragraph talks about how, if you look at the Partain website, it shows what one public historian had assembled as -- historical knowledge about Lejeune water contamination as of 2012.

It then -- then the paragraph goes on to say, "It raises questions about whether the documents now cited by Brigham in 2024 were made available by the government in years past."

And so my question to you is, have you researched any issues like that for purposes of this case?

MS. HURT: Objection to form.

THE WITNESS: No.

BY MR. HUGHES:

Q. All right. Do you have any comment on Dr. Longley's statement on that page of his report that there are questions raised about whether the documents now cited by Brigham were not made available by the government in years past?

MS	S.	HURT:	Objection	to	form	and
foundation	_					

THE WITNESS: My comment would be that I think that your statement was more accurate than Dr. Longley's. Dr. Longley says here (as read):

"The Partain website timeline would have shown the state of historical knowledge as of 2012 to any government specialist who wanted to know."

But what you said is that it would have shown the knowledge of "one public historian." And I think that that's a more accurate statement.

Beyond that, I don't have comment.

BY MR. HUGHES:

Q. Okay. And elaborate on that. What you're saying is that the Partain website timeline, that's one public historian, but there may be others.

Is that what you're saying?

A. What I'm saying is the "state of historical knowledge" is a very, very broad statement. And a single website is extremely unlikely to encompass the state of historical knowledge. What it does encompass or what it may encompass is the state of an individual historian's knowledge about a subject.

And so I think that Dr. Longley's claim

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here appears to be exaggerated, whereas your claim or your statement was more accurate.

Okay. But what about the substantive issue Ο. that this paragraph raises of, again, the question of whether the documents provided to Brigham now as a historian were not made available in years past? Do you have any comment on that statement?

MS. HURT: Objection to form and foundation.

THE WITNESS: That's beyond the scope of the subject for which I was retained as an expert. I don't have any comment, no.

BY MR. HUGHES:

- Is it beyond the scope of your expertise as 0. an expert?
 - Α. Could you clarify?
- I understand that you weren't Ο. retained to look at issues like whether documents were provided in the past versus provided today, but my question is, that issue, although it's not something that you were retained for in this case, it is a topic that you're familiar with, it falls within your scope of expertise as a historian, doesn't it?

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Page 97 1 foundation. 2 THE WITNESS: I'm going to read the sentences if you'll -- if you'll just give me a 3 moment, please. 4 BY MR. HUGHES: 5 Yeah. 6 Q. 7 I can't speak to any of these facts. I'm Α. I -- I just don't know. 8 sorry. 9 O. Okay. Do you see the next paragraph down referring to the "Yale documents"? 10 11 Α. Yes. 12 Do you know what those are? Ο. 13 Α. Only broadly. 14 Broadly speaking, what do you think they 0. 15 are? 16 I'm going to read from the report. Α. 17 (As read): "The 'Yale documents' are documents 18 19 produced by the government and the VA 2.0 years ago in response to a FOIA request 21 and lawsuit by various nonprofit groups. 22 These VA documents reflect the use of 23 subject matter experts retained by the VA

to evaluate veterans' claims including

for cancers claimed to have been caused

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by Camp Lejeune water exposures."

- Okay. And so what you're saying is you don't know anything else besides what the report is saying; correct?
 - Yes, that's correct.
- Okay. You haven't done any investigation Ο. of your own or research of your own into the topic of the Yale documents; correct?
 - Α. I have not, no.
- You notice that at the top of page 8, Ο.
- Dr. Longley references how Mr. Ensminger and 11
- 12 Mr. Partain have testified before Congress.
- 13 Do you see that?
- 14 If you can go to the top of MR. HUGHES: 15 page 8.
- 16 THE WITNESS: Yes.
- 17 BY MR. HUGHES:
- 18 Ο. Okay. And you would agree that 19 congressional testimony is a useful source of historical information; correct? 2.0
- 21 MS. HURT: Objection to form.
- 22 THE WITNESS: It would depend on the 23 question that a historian is asking, and it would depend on the documents in question. I would say 24 that it can be a useful source. 25

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1	BY	MR. HUO	GHES:

Q. Okay.

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- MR. HUGHES: If you can go to page 13.
- Thank you. 4
- BY MR. HUGHES: 5
 - Do you see an image of "Youth Activities Q. Bus Schedules"?
 - Α. Yes.
 - Okay. And if you go to the bottom of the Ο. image, do you see a caption that cites it to the Globe from July 26, 1962?
- 12 Α. Yes.
 - Okay. Have you had a chance to check any of the cites in this second report by Dr. Longley?
 - Α. No.
 - Okay. Are you aware of any inaccuracy in Ο. the citations in this second report by Dr. Longley?
 - Given that I haven't checked the citations Α. in this report, I'm not aware of any inaccuracies.
 - Ο. Okay. And have you talked to Dr. Brigham or any of his folks with regard to the Camp Lejeune topic?
 - I'm going to object here and MS. HURT: instruct the witness not to answer under this -under Case Management Order No. 12, paragraph 3.

1 Those type of -- I'm sorry, Case Management Order 17, paragraph 3. Those type of communications are 2 protected from disclosure. 3

> MR. HUGHES: Okay.

BY MR. HUGHES:

- Are you aware of whether Dr. Brigham and Ο. his team went and fact-checked the citations in Dr. Longley's second report?
 - Α. I don't know.
- Okay. Would you agree that this bus Ο. schedule, assuming it is from the Globe in 1962, is an example of useful information regarding travel around Camp Lejeune during the year 1962?
- Assuming that it's an accurate source, it appears to be useful information about the bus schedule. And so, yes.
- Okay. So, for example, in the middle Ο. column towards the bottom, it references Bus No. 17.

Can you see that, or is that too small to make out?

- Thank you for asking. Α. I can see it.
- Yes, sir. Ο.

And it references Midway Park to Tarawa Terrace School.

Do you see that?

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1 A. I do.

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- Q. Okay. Do you know whether the

 Tarawa Terrace School drew upon the Tarawa Terrace
 water treatment plant in 1962?
 - A. No, I don't know that.
- Q. Do you know whether the Tarawa Terrace water treatment plant was contaminated with chlorinated solvents released by a nearby dry cleaners as of 1962?
 - A. No.
- Q. Okay. Do you -- would you agree that the information on Bus No. 17 may be useful in evaluating whether school children attended the Tarawa Terrace School in 1962?
- MS. HURT: Objection to form and foundation.
- THE WITNESS: I'm afraid I -- I don't know, honestly. I -- all I'm seeing is a bus schedule. I don't know who would have ridden the bus. I don't know -- so, no, I don't know that.
 - BY MR. HUGHES:
- Q. Okay. Fair enough.
- And you'd agree that what we're looking at here is not oral history evidence; correct?
 - A. No. This appears to be a written record.

	Q.	Okay.	And	do	you	ı ha	ave	any	r crit	cicism c	ρf	
Dr.	Long]	ley's m	ethod	lolo	рgy	in	usi	ing	that	documer	nt	in
his	secor	nd repo	rt?									

- Without having appropriately vetted this document, I have no criticism.
- Okay. And sitting here today, if you'll Q. notice at the bottom of page 13 in the text, it says (as read):

"I outlined this topic in detail at pages 16, 26, 28, and 29 of my 12/7/24Report."

Do you see that sentence?

- I do see that sentence. Α.
- And the topic he's referring to, per the Ο. sentence before, is Marine dependents relying on buses for school and in the summer months; correct?
 - That's what he's written.
- Ο. Okay. Sitting here today, without going back over the reports, do you recall whether you have any criticisms of Dr. Longley's methodology as it relates to his information on the school buses and the bus schedules in his original December 2024 report?

Objection to form. MS. HURT:

THE WITNESS: I did not have any criticisms

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that I included in my report of his use of that evidence.

BY MR. HUGHES:

- Q. Okay. If we go to the next page, do we see an image in the middle page, page 14, of a rock band at Camp Lejeune in 1983?
 - A. I do see that.
- Q. Okay. And do you see a reference to Liversedge Field on the left, first sentence?
 - A. Yes, I see that.
- Q. Okay. Do you know whether Liversedge Field is in the Hadnot Point region?
 - A. I don't know that.
- Q. All right. Would you agree that speaking to -- if we went and spoke to individuals that lived at Lejeune in 1983, one question we could ask them would be if they recall going to any music concerts on the base in 1983? Would you agree that that's a question that we could ask them?

MS. HURT: Objection to form.

THE WITNESS: Again, I'm not being glib, you could ask that question of anyone; but, yes, certainly you could ask it of people who lived at Camp Lejeune at that time, whether they had been to a concert, including this one.

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Q. Okay. If you were asked to go and take any interviews of living individuals who were at Camp Lejeune back in the '50s to the '80s time period, is that something that you would consider yourself to have the expertise to do?

MS. HURT: Objection to form.

THE WITNESS: Can you restate the question? Sorry.

BY MR. HUGHES:

O. Yeah.

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Do you have the expertise to interview individuals that were at Camp Lejeune in the '50s to the '80s that are still alive if you were asked to do that?

A. I could conduct the interviews. I wouldn't have the appropriate context or historiographical background to be able to make much of their answers.

And so my ability to serve as a helpful historian, as somebody who was positioned to offer appropriate historical analyses or conclusions, would be very limited.

- Q. Okay.
- A. But I could conduct the interviews.
- Q. I understand.

And so one thing it sounds like you're saying, sitting here today, we've gone over many examples of things at Lejeune, that they're outside the scope of your retention, you haven't looked at them; correct?

- A. We've discussed a number of subjects that are outside the scope of my expertise, yes.
- Q. Okay. And I think what you're saying is, to do effective oral interviews or oral histories specific to this Lejeune topic, you would want the interviewer to have a really good foundation in what the matter is about, what the facts were. They would need to research and study up on this and learn the written documents.

Is that fair to say?

And you haven't done that; correct?

MS. HURT: Objection to form.

THE WITNESS: So if you'll recall earlier,

I talked about the necessity of interrogating

sources for historians, that that's part of the -
that that's part of the methodological standard.

And the ability to do that kind of work of

interrogation -- again, I'm using the historian's

term of art here -- that depends on knowing the

historiography and understanding the context in

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I don't have that requisite knowledge to be able to appropriately interrogate sources about specific facts or information. And that's why I think my utility in that regard would be quite limited.

BY MR. HUGHES:

- Q. Okay. Would you agree that when we interview eyewitnesses to historical events, one item of information that they may have for us would consist of old photographs and old documents that they've kept?
 - MS. HURT: Objection to form.
- 14 THE WITNESS: It's certainly possible that 15 that's the case.

BY MR. HUGHES:

- Q. Okay. If you look at -- can you go to page 22 of this report from Dr. Longley?

 Do you see at page 22 a photo from
- 20 Mike Partain?
- 21 Do you see that?
- 22 A. I do.
 - Q. Okay. And I'll represent that if he was deposed, what Mr. Partain would say is that's a photo taken of his mother. To his understanding,

she was at the naval hospital. And on the bottom left side, you can see a glass of water and an infant formula bottle.

Do you see those details in the photo of what looks like a glass of water and a formula bottle on the bottom left?

- A. I'm afraid it's a little bit hard for me to make out. I -- I believe you, that that's what I'm seeing there.
- Q. Okay. You also see what looks like a mother in the center with an infant; correct?
 - A. I do. Cute baby.
- Q. Okay. The bed looks likes it could be institutional, such as a hospital bed. It appears to have an incline in it, like it can sit up to some extent; correct?
 - A. It does appear to have an incline.
- Q. Okay. In fact, we can see what looks like closed venetian blinds and then a window air conditioning unit perhaps.

Do you see that?

- A. I see the venetian blinds quite clearly. That may well be an air conditioner window unit.
- Q. Okay. And you would agree that those are examples of information which we see in the visual

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1 image, not in any text; correct?

> Objection to form. MS. HURT:

THE WITNESS: I would agree that we just derived that information by looking at the image.

BY MR. HUGHES:

- Okay. And so will you agree with me that Ο. in the context of interviewing people that were eyewitnesses to a historical event, one thing we may want to ask for is whether they kept any photos or records that date back to the event; is that fair to say?
- Objection to form. 12 MS. HURT:
 - THE WITNESS: It's possible that one could do that. I never have, but it -- but I don't think there's any reason not to.

BY MR. HUGHES:

- Okay. All right. If you look at the Ο. bottom of page 22, there's references to Terry Dyer in the last paragraph.
- MR. HUGHES: If you can go down a little bit on the page.

BY MR. HUGHES:

- Do you see the reference to Terry Dyer on the first line of the last paragraph?
 - Yes, I do. Α.

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1	Q. Okay. And then do you see how four lines
2	or five lines down there's a footnote 28?
3	A. I see that, yes.
4	Q. Okay. And the footnote cites to a
5	deposition transcript of Terry Dyer from 2024, and
6	it gives a couple of page numbers; right?
7	A. I see that footnote, yes. And it does
8	include that information.
9	Q. Okay. Now, would you agree with me that
10	the category we call "deposition testimony" is a
11	different category that's distinguishable from the
12	category we call "oral histories"?
13	MS. HURT: Objection to form.
14	THE WITNESS: Yes, I agree with you.

BY MR. HUGHES:

Ο. Okay. And we've talked about some of the reasons earlier. But one reason is, for example, that we would like oral histories to be kept in an archive, and it may be that there's no rule requiring depositions to be kept in an archive.

Would that be fair to say is one example of a difference between depositions and what we call oral histories?

- Α. Yes.
- Okay. But would you agree that even though Q.

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deposition transcripts are different from oral histories, deposition transcripts are still texts that may have relevance and usefulness to the methodology of a historian?

A. I would agree. I think we talked earlier that it can be appropriate for historians to use depositions as sources so long as they are clearly cited and it is clear to the reader that they are depositions. And also, again, as I discuss in my report, that the historian is approaching those documents with appropriate care.

Q. Understood.

And so here you'll note that in the footnotes it does identify this information as coming from a deposition; right?

- A. Yes.
- Q. Okay. And are you aware of the fact that in many depositions, the attorney for the other side of the case, for lack of a better word, has an opportunity to question the witness once the deposing attorney finishes? Were you aware of that?

MS. HURT: Objection to form.

THE WITNESS: I don't know the specifics, but I know that opposing counsel sometimes collects depositions of the -- from the same witness.

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BY MR. HUGHES:

- Okay. Looking at this paragraph regarding Terry Dyer in Dr. Longley's second report, do you have any criticism of it sitting here today?
- I'm going to take a moment to read it, please.
- Yes, sir. Q.

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- Could we scroll down a little bit more, please?
- 10 Thank you.
- 11 No, no, no. That's a bit too far. Oh. 12 apologize. I just wanted to see the full footnote.
- 13 No, I -- based on what I am seeing at this 14 time, I don't have any criticisms.
- 15 Okay. Thank you. Ο.
- 16 Let me also show you -- I lost my visual 17 again.
- Let's do this: Let's -- I think we should 18 19 stop it now and hold it open. I think I have, like, 2.0 at least another hour, but I can do it after we do 21 Dr. Longley, perhaps, like, in a week or two or 22 three.
- 23 Can we go off the record and talk about it? 24 MS. HURT: Yeah, we can go off the record and talk about it. 25

Page 112 1 THE VIDEOGRAPHER: Okay. 2 MR. HUGHES: Okay. 3 THE VIDEOGRAPHER: We are going off video? 4 THE STENOGRAPHER: Yeah. 5 THE VIDEOGRAPHER: Okay. We are going off the record at 4:51 p.m. 6 7 (Recess taken from 4:51 to 5:00.) 8 THE VIDEOGRAPHER: We are back on the 9 record at 5:00 p.m. MR. HUGHES: Dr. Kelman, I spoke with 10 11 counsel for DOJ off the record, and we're going to 12 end it for today. We're going to pick it back up at 13 a time and date that's convenient for you in the next two -- couple of weeks. I will have about one 14 15 hour of questions left. It will be following the 16 documents I've already circulated to counsel. 17 And I appreciate your patience in this matter. So -- and we can do it at any time that 18 19 suits you. 2.0 And so that's what we'll do. And I 21 appreciate your time today. 22 THE WITNESS: Thank you. I appreciate your 23 patience. Have a great evening. 24 THE VIDEOGRAPHER: Okay. 25 MR. HUGHES: Yes, sir. Thank you.

	Page 113
1	THE VIDEOGRAPHER: Before we go off the
2	record, Mr. Hughes, would you like to buy a copy of
3	the video?
4	MR. HUGHES: It's under the normal court
5	order for our side. You know, we get a transcript
6	and a video of everything, I think.
7	THE VIDEOGRAPHER: Okay. Ms. Hurt and
8	Mr. Gibbons, do you need a copy of the video?
9	MS. HURT: I don't need a copy of the video
L 0	right now.
L1	THE VIDEOGRAPHER: Okay.
L 2	MS. HURT: I do I would like to have a
L 3	rough of the transcript.
L 4	THE VIDEOGRAPHER: Okay.
L 5	All right. We are going off the record at
L 6	5:02 p.m. This is the end of today's proceedings.
L 7	(Proceedings adjourned at 5:02 p.m. PST.)
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L 9	
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1	DECLARATION UNDER PENALTY OF PERJURY
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3	I declare under penalty of perjury under
4	the laws of the State of California that the
5	foregoing is true and correct.
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7	Executed at on
	(Place) (Date)
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12	ARI KELMAN, PhD
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STENOGRAPHER'S CERTIFICATE

I, LORRIE L. MARCHANT, Certified Shorthand Reporter, Certificate No. 10523, for the State of California, hereby certify that ARI KELMAN, PhD was by me duly sworn/affirmed to testify to the truth, the whole truth and nothing but the truth in the within-entitled cause; that said deposition was taken at the time and place herein named; that the deposition is a true record of the witness's testimony as reported to the best of my ability by me, a duly certified shorthand reporter and a disinterested person, and was thereafter transcribed under my direction into typewriting by computer; that request [] was [X] was not made to read and correct said deposition.

I further certify that I am not interested in the outcome of said action, nor connected with, nor related to any of the parties in said action, nor to their respective counsel.

IN WITNESS WHEREOF, I have hereunto set my hand this 11th day of April, 2025.

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LORRIE L. MARCHANT, RMR, CRR, CCRR, CRC Stenographic Certified Shorthand Reporter #10523

f.Marchant

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Federal Rules of Civil Procedure Rule 30

- (e) Review By the Witness; Changes.
- (1) Review; Statement of Changes. On request by the deponent or a party before the deposition is completed, the deponent must be allowed 30 days after being notified by the officer that the transcript or recording is available in which:
- (A) to review the transcript or recording; and
- (B) if there are changes in form or substance, to sign a statement listing the changes and the reasons for making them.
- (2) Changes Indicated in the Officer's Certificate. The officer must note in the certificate prescribed by Rule 30(f)(1) whether a review was requested and, if so, must attach any changes the deponent makes during the 30-day period.

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ARE PROVIDED FOR INFORMATIONAL PURPOSES ONLY.

THE ABOVE RULES ARE CURRENT AS OF APRIL 1,

2019. PLEASE REFER TO THE APPLICABLE FEDERAL RULES

OF CIVIL PROCEDURE FOR UP-TO-DATE INFORMATION.

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