		Page 1
1	UNITED STATES DISTRICT COURT	
	FOR THE DISTRICT OF DELAWARE	
2		
	CIV. No. 1:19-cv-01334-CJB	
3	MIDITION THEORY THEORY OF THE	
4	MIDWEST ENERGY EMISSIONS CORP.	
5	and MES INC.,	
3	Plaintiffs,	
6		
	-against-	
7		
	ARTHUR J. GALLAGHER & CO., et al.,	
8		
	Defendants.	
9	х	
10	August 24, 2022	
	8:56 a.m. CST	
11		
	-	
12	- R-	
13	_	
14	VIDEOTAPED ZOOM DEPOSITION of	
15	MICHAEL HOLMES, the Witness in the	
16	above-entitled action, held via Zoom	
17	videoconference, taken before Dawn	
18	Matera, a Certified Shorthand Reporter	
19	and Notary Public of the State of New	
20	York.	
21		
22	* * *	
23		
24 25		
25		

Veritext Legal Solutions www.veritext.com

		Page 2		Page 4
	APPEARANCES:		1	THE VIDEOGRAPHER: We are going
2 3	CALDWELL CASSADY & CURRY, P.C.		2	on the record at 8:56 a.m. Central
-	Attorneys for Plaintiffs		3	Time on August 24th, 2022. This is
4	2121 N. Pearl Street Suite 1200		4	media unit number 1 of the
5	Dallas, Texas 75201			
6	By: JUSTIN NEMUNAITIS, ESQ.		5	video-recorded deposition of Michael
7	jnemunaitis@caldwellcc.com ADRIENNE DELLINGER, ESQ.		6	v. Holmes taken in the matter of
	adellinger@caldwellcc.com		7	Midwest Energy Emissions Corporation
8 9			8	and MES Incorporated v. Arthur J.
	GIBSON DUNN & CRUTCHER, LLP		9	Gallagher, et al., in the U.S.
10	Attorneys for Defendants 1801 California Street		10	District Court for the District of
11	Suite 4200		11	Delaware, case number
12	Denver, Colorado 80202		12	1:19-CV-01334-CJB.
12	By: DAVID GLANDORF, ESQ.		13	
13	dglandorf@gibsondunn.com			The location of this deposition
14	JOSEPH EVALL, esq. jevall@gibsondunn.com		14	is Grand Fork, North Dakota. This is
15	200 Park Avenue		15	Kraig Hildahl from Veritext Legal
16	New York, New York 10166-0193		16	Solutions, I am the videographer. The
17			17	court reporter today is Dawn Matera,
18	BRADLEY ARANT BOULT CUMMINGS, LLP Attorneys for CERT Defendants		18	also of Veritext.
	1819 5th Ave North		19	Will counsel please introduce
19	One Federal Place Suite 200		20	themselves for the record.
20	Birmingham, Alabama 35203		21	MR. NEMUNAITIS: Justin
21	By: PAUL SYKES, ESQ.		22	Nemunaitis for the plaintiffs and the
22	psykes@bradley.com BEN C. WILSON, ESQ.		23	
22	bwilson@bradley.com			witness.
23 24			24	MR. GLANDORF: David Glandorf of
25			25	Gibson Dunn for the defendants, and
				<u> </u>
		Page 3		Page 5
1	A P P E A R A N C E S : (Continued)	Page 3	1	Page 5
	APPEARANCES: (Continued)	Page 3		
1	A P P E A R A N C E S : (Continued) Also Present:	Page 3	2	Page 5 with me is Joseph Evall of Gibson Dunn.
1 2	Also Present:	Page 3	2 3	Page 5 with me is Joseph Evall of Gibson Dunn. MR. SYKES: Paul Sykes for the
1 2 3 4	, , , , ,	Page 3	2 3 4	Page 5 with me is Joseph Evall of Gibson Dunn. MR. SYKES: Paul Sykes for the CERT defendants.
1 2 3	Also Present: KRAIG HILDAHL, Videographer	Page 3	2 3 4 5	with me is Joseph Evall of Gibson Dunn. MR. SYKES: Paul Sykes for the CERT defendants. MICHAEL HOLMES, the Witness
1 2 3 4 5	Also Present:	Page 3	2 3 4 5 6	with me is Joseph Evall of Gibson Dunn. MR. SYKES: Paul Sykes for the CERT defendants. MICHAEL HOLMES, the Witness herein, having first been duly sworn by
1 2 3 4	Also Present: KRAIG HILDAHL, Videographer CHELSEA GILCHRIST, Concierge	Page 3	2 3 4 5 6 7	Page 5 with me is Joseph Evall of Gibson Dunn. MR. SYKES: Paul Sykes for the CERT defendants. MICHAEL HOLMES, the Witness herein, having first been duly sworn by the Notary Public, was examined and
1 2 3 4 5	Also Present: KRAIG HILDAHL, Videographer CHELSEA GILCHRIST, Concierge INA KOSOVA, Law Clerk, Gibson Dunn	Page 3	2 3 4 5 6 7 8	with me is Joseph Evall of Gibson Dunn. MR. SYKES: Paul Sykes for the CERT defendants. MICHAEL HOLMES, the Witness herein, having first been duly sworn by the Notary Public, was examined and testified as follows:
1 2 3 4 5 6 7	Also Present: KRAIG HILDAHL, Videographer CHELSEA GILCHRIST, Concierge	Page 3	2 3 4 5 6 7 8 9	with me is Joseph Evall of Gibson Dunn. MR. SYKES: Paul Sykes for the CERT defendants. MICHAEL HOLMES, the Witness herein, having first been duly sworn by the Notary Public, was examined and testified as follows: EXAMINATION BY
1 2 3 4 5 6 7 8	Also Present: KRAIG HILDAHL, Videographer CHELSEA GILCHRIST, Concierge INA KOSOVA, Law Clerk, Gibson Dunn	Page 3	2 3 4 5 6 7 8	with me is Joseph Evall of Gibson Dunn. MR. SYKES: Paul Sykes for the CERT defendants. MICHAEL HOLMES, the Witness herein, having first been duly sworn by the Notary Public, was examined and testified as follows: EXAMINATION BY MR. GLANDORF:
1 2 3 4 5 6 7 8 9	Also Present: KRAIG HILDAHL, Videographer CHELSEA GILCHRIST, Concierge INA KOSOVA, Law Clerk, Gibson Dunn	Page 3	2 3 4 5 6 7 8 9	with me is Joseph Evall of Gibson Dunn. MR. SYKES: Paul Sykes for the CERT defendants. MICHAEL HOLMES, the Witness herein, having first been duly sworn by the Notary Public, was examined and testified as follows: EXAMINATION BY
1 2 3 4 5 6 7 8 9 10	Also Present: KRAIG HILDAHL, Videographer CHELSEA GILCHRIST, Concierge INA KOSOVA, Law Clerk, Gibson Dunn	Page 3	2 3 4 5 6 7 8 9 10	with me is Joseph Evall of Gibson Dunn. MR. SYKES: Paul Sykes for the CERT defendants. MICHAEL HOLMES, the Witness herein, having first been duly sworn by the Notary Public, was examined and testified as follows: EXAMINATION BY MR. GLANDORF:
1 2 3 4 5 6 7 8 9 10 11	Also Present: KRAIG HILDAHL, Videographer CHELSEA GILCHRIST, Concierge INA KOSOVA, Law Clerk, Gibson Dunn	Page 3	2 3 4 5 6 7 8 9 10 11	with me is Joseph Evall of Gibson Dunn. MR. SYKES: Paul Sykes for the CERT defendants. MICHAEL HOLMES, the Witness herein, having first been duly sworn by the Notary Public, was examined and testified as follows: EXAMINATION BY MR. GLANDORF: Q. Good morning, Mr. Holmes.
1 2 3 4 5 6 7 8 9 10 11 12	Also Present: KRAIG HILDAHL, Videographer CHELSEA GILCHRIST, Concierge INA KOSOVA, Law Clerk, Gibson Dunn	Page 3	2 3 4 5 6 7 8 9 10 11 12	with me is Joseph Evall of Gibson Dunn. MR. SYKES: Paul Sykes for the CERT defendants. MICHAEL HOLMES, the Witness herein, having first been duly sworn by the Notary Public, was examined and testified as follows: EXAMINATION BY MR. GLANDORF: Q. Good morning, Mr. Holmes. A. Good morning. Q. If you would just take a moment
1 2 3 4 5 6 7 8 9 10 11 12 13	Also Present: KRAIG HILDAHL, Videographer CHELSEA GILCHRIST, Concierge INA KOSOVA, Law Clerk, Gibson Dunn	Page 3	2 3 4 5 6 7 8 9 10 11 12 13 14	with me is Joseph Evall of Gibson Dunn. MR. SYKES: Paul Sykes for the CERT defendants. MICHAEL HOLMES, the Witness herein, having first been duly sworn by the Notary Public, was examined and testified as follows: EXAMINATION BY MR. GLANDORF: Q. Good morning, Mr. Holmes. A. Good morning. Q. If you would just take a moment and I know we already have done this,
1 2 3 4 5 6 7 8 9 10 11 12 13 14	Also Present: KRAIG HILDAHL, Videographer CHELSEA GILCHRIST, Concierge INA KOSOVA, Law Clerk, Gibson Dunn	Page 3	2 3 4 5 6 7 8 9 10 11 12 13 14 15	with me is Joseph Evall of Gibson Dunn. MR. SYKES: Paul Sykes for the CERT defendants. MICHAEL HOLMES, the Witness herein, having first been duly sworn by the Notary Public, was examined and testified as follows: EXAMINATION BY MR. GLANDORF: Q. Good morning, Mr. Holmes. A. Good morning. Q. If you would just take a moment and I know we already have done this, but if you take a moment and state and
1 2 3 4 5 6 7 8 9 10 11 12 13 14 15	Also Present: KRAIG HILDAHL, Videographer CHELSEA GILCHRIST, Concierge INA KOSOVA, Law Clerk, Gibson Dunn	Page 3	2 3 4 5 6 7 8 9 10 11 12 13 14 15 16	with me is Joseph Evall of Gibson Dunn. MR. SYKES: Paul Sykes for the CERT defendants. MICHAEL HOLMES, the Witness herein, having first been duly sworn by the Notary Public, was examined and testified as follows: EXAMINATION BY MR. GLANDORF: Q. Good morning, Mr. Holmes. A. Good morning. Q. If you would just take a moment and I know we already have done this, but if you take a moment and state and spell your name for the record?
1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16	Also Present: KRAIG HILDAHL, Videographer CHELSEA GILCHRIST, Concierge INA KOSOVA, Law Clerk, Gibson Dunn	Page 3	2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17	with me is Joseph Evall of Gibson Dunn. MR. SYKES: Paul Sykes for the CERT defendants. MICHAEL HOLMES, the Witness herein, having first been duly sworn by the Notary Public, was examined and testified as follows: EXAMINATION BY MR. GLANDORF: Q. Good morning, Mr. Holmes. A. Good morning. Q. If you would just take a moment and I know we already have done this, but if you take a moment and state and spell your name for the record? A. My full name, sir?
1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17	Also Present: KRAIG HILDAHL, Videographer CHELSEA GILCHRIST, Concierge INA KOSOVA, Law Clerk, Gibson Dunn	Page 3	2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18	with me is Joseph Evall of Gibson Dunn. MR. SYKES: Paul Sykes for the CERT defendants. MICHAEL HOLMES, the Witness herein, having first been duly sworn by the Notary Public, was examined and testified as follows: EXAMINATION BY MR. GLANDORF: Q. Good morning, Mr. Holmes. A. Good morning. Q. If you would just take a moment and I know we already have done this, but if you take a moment and state and spell your name for the record? A. My full name, sir? Q. Yes.
1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18	Also Present: KRAIG HILDAHL, Videographer CHELSEA GILCHRIST, Concierge INA KOSOVA, Law Clerk, Gibson Dunn	Page 3	2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19	with me is Joseph Evall of Gibson Dunn. MR. SYKES: Paul Sykes for the CERT defendants. MICHAEL HOLMES, the Witness herein, having first been duly sworn by the Notary Public, was examined and testified as follows: EXAMINATION BY MR. GLANDORF: Q. Good morning, Mr. Holmes. A. Good morning. Q. If you would just take a moment and I know we already have done this, but if you take a moment and state and spell your name for the record? A. My full name, sir? Q. Yes. A. Okay. My full name is Michael
1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19	Also Present: KRAIG HILDAHL, Videographer CHELSEA GILCHRIST, Concierge INA KOSOVA, Law Clerk, Gibson Dunn	Page 3	2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20	with me is Joseph Evall of Gibson Dunn. MR. SYKES: Paul Sykes for the CERT defendants. MICHAEL HOLMES, the Witness herein, having first been duly sworn by the Notary Public, was examined and testified as follows: EXAMINATION BY MR. GLANDORF: Q. Good morning, Mr. Holmes. A. Good morning. Q. If you would just take a moment and I know we already have done this, but if you take a moment and state and spell your name for the record? A. My full name, sir? Q. Yes. A. Okay. My full name is Michael Jerome Holmes, it's is M-I-C-H-A-E-L, and
1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20	Also Present: KRAIG HILDAHL, Videographer CHELSEA GILCHRIST, Concierge INA KOSOVA, Law Clerk, Gibson Dunn	Page 3	2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21	with me is Joseph Evall of Gibson Dunn. MR. SYKES: Paul Sykes for the CERT defendants. MICHAEL HOLMES, the Witness herein, having first been duly sworn by the Notary Public, was examined and testified as follows: EXAMINATION BY MR. GLANDORF: Q. Good morning, Mr. Holmes. A. Good morning. Q. If you would just take a moment and I know we already have done this, but if you take a moment and state and spell your name for the record? A. My full name, sir? Q. Yes. A. Okay. My full name is Michael Jerome Holmes, it's is M-I-C-H-A-E-L, and Jerome is spelled J-E-R-O-M-E, and Holmes
1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21	Also Present: KRAIG HILDAHL, Videographer CHELSEA GILCHRIST, Concierge INA KOSOVA, Law Clerk, Gibson Dunn	Page 3	2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20	with me is Joseph Evall of Gibson Dunn. MR. SYKES: Paul Sykes for the CERT defendants. MICHAEL HOLMES, the Witness herein, having first been duly sworn by the Notary Public, was examined and testified as follows: EXAMINATION BY MR. GLANDORF: Q. Good morning, Mr. Holmes. A. Good morning. Q. If you would just take a moment and I know we already have done this, but if you take a moment and state and spell your name for the record? A. My full name, sir? Q. Yes. A. Okay. My full name is Michael Jerome Holmes, it's is M-I-C-H-A-E-L, and
1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22	Also Present: KRAIG HILDAHL, Videographer CHELSEA GILCHRIST, Concierge INA KOSOVA, Law Clerk, Gibson Dunn	Page 3	2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21	with me is Joseph Evall of Gibson Dunn. MR. SYKES: Paul Sykes for the CERT defendants. MICHAEL HOLMES, the Witness herein, having first been duly sworn by the Notary Public, was examined and testified as follows: EXAMINATION BY MR. GLANDORF: Q. Good morning, Mr. Holmes. A. Good morning. Q. If you would just take a moment and I know we already have done this, but if you take a moment and state and spell your name for the record? A. My full name, sir? Q. Yes. A. Okay. My full name is Michael Jerome Holmes, it's is M-I-C-H-A-E-L, and Jerome is spelled J-E-R-O-M-E, and Holmes
1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23	Also Present: KRAIG HILDAHL, Videographer CHELSEA GILCHRIST, Concierge INA KOSOVA, Law Clerk, Gibson Dunn	Page 3	2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22	with me is Joseph Evall of Gibson Dunn. MR. SYKES: Paul Sykes for the CERT defendants. MICHAEL HOLMES, the Witness herein, having first been duly sworn by the Notary Public, was examined and testified as follows: EXAMINATION BY MR. GLANDORF: Q. Good morning, Mr. Holmes. A. Good morning. Q. If you would just take a moment and I know we already have done this, but if you take a moment and state and spell your name for the record? A. My full name, sir? Q. Yes. A. Okay. My full name is Michael Jerome Holmes, it's is M-I-C-H-A-E-L, and Jerome is spelled J-E-R-O-M-E, and Holmes is H-O-L-M-E-S.
1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22	Also Present: KRAIG HILDAHL, Videographer CHELSEA GILCHRIST, Concierge INA KOSOVA, Law Clerk, Gibson Dunn	Page 3	2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23	with me is Joseph Evall of Gibson Dunn. MR. SYKES: Paul Sykes for the CERT defendants. MICHAEL HOLMES, the Witness herein, having first been duly sworn by the Notary Public, was examined and testified as follows: EXAMINATION BY MR. GLANDORF: Q. Good morning, Mr. Holmes. A. Good morning. Q. If you would just take a moment and I know we already have done this, but if you take a moment and state and spell your name for the record? A. My full name, sir? Q. Yes. A. Okay. My full name is Michael Jerome Holmes, it's is M-I-C-H-A-E-L, and Jerome is spelled J-E-R-O-M-E, and Holmes is H-O-L-M-E-S. Q. What is your address,

2 (Pages 2 - 5)

	Page 6		Page 8
1	38th Street, Grand Forks, North Dakota	1	A. Yes.
2	58201.	2	Q. Even though we are being
3	Q. Have you ever been deposed	3	videoed, the court reporter is recording
4	before?	4	only words, so it's important that you
5	A. Yes.	5	answer in words rather than gestures or
6	Q. How many times?	6	nods; do you understand that?
7	A. One.	7	A. Yes.
8	Q. And was that deposition in	8	Q. And it's a little awkward over
9	relation to mercury control technology?	9	Zoom, but I will do my best to let you
10	A. No, sir.	10	finish answering a question and I ask
11	Q. Was that deposition in your	11	that you let me finish asking before you
12	professional capacity?	12	provide your answer; is that okay?
13	A. Yes.	13	A. Yes.
14	Q. What was the issue, what was at	14	Q. If at any time you do not
15	issue in that deposition?	15	understand a question, please ask and I
16	A. So the issue, the way I	16	will do my best to clarify. Do you
17	understood it, was I did atomizer	17	understand that?
18	evaluations early in my career. And one	18	A. Yes, thank you.
19	of the atomizers that I did particle size	19	MR. NEMUNAITIS: David, can I
20	measurements, velocity, that type of	20	interrupt for one second and just ask
21	thing. We had to evaluate. There was a,	21	you, can everybody hear everything
22	a customer was being, I guess, accused of	22	okay still?
23	over my understanding is they were	23	THE REPORTER: I can.
24	being accused of overselling the	24	MR. GLANDORF: I can.
25	capabilities and making and utilizing	25	(Off the record.)
			· · · · · · · · · · · · · · · · · · ·
1	Page 7	1	Page 9
1	Page 7 part of the report that I had created.	1	Page 9 BY MR. GLANDORF:
2	part of the report that I had created. So a lot of the questions related to	1 2	Page 9 BY MR. GLANDORF: Q. We will take periodic breaks,
2 3	Page 7 part of the report that I had created. So a lot of the questions related to performance of the atomizer.	1 2 3	Page 9 BY MR. GLANDORF: Q. We will take periodic breaks, please let me know if you need a break at
2 3 4	part of the report that I had created. So a lot of the questions related to performance of the atomizer. Q. Roughly when was that	1 2 3 4	Page 9 BY MR. GLANDORF: Q. We will take periodic breaks, please let me know if you need a break at any time. I would just ask that you
2 3 4 5	part of the report that I had created. So a lot of the questions related to performance of the atomizer. Q. Roughly when was that deposition?	1 2 3 4 5	Page 9 BY MR. GLANDORF: Q. We will take periodic breaks, please let me know if you need a break at any time. I would just ask that you would finish answering any pending
2 3 4 5 6	part of the report that I had created. So a lot of the questions related to performance of the atomizer. Q. Roughly when was that deposition? A. Oh, wow, roughly 1990, plus or	1 2 3 4 5 6	Page 9 BY MR. GLANDORF: Q. We will take periodic breaks, please let me know if you need a break at any time. I would just ask that you would finish answering any pending question; is that okay?
2 3 4 5 6 7	Page 7 part of the report that I had created. So a lot of the questions related to performance of the atomizer. Q. Roughly when was that deposition? A. Oh, wow, roughly 1990, plus or minus a couple of years.	1 2 3 4 5 6 7	Page 9 BY MR. GLANDORF: Q. We will take periodic breaks, please let me know if you need a break at any time. I would just ask that you would finish answering any pending question; is that okay? A. Yes.
2 3 4 5 6 7 8	part of the report that I had created. So a lot of the questions related to performance of the atomizer. Q. Roughly when was that deposition? A. Oh, wow, roughly 1990, plus or minus a couple of years. Q. Fair enough. So it's been a	1 2 3 4 5 6 7 8	Page 9 BY MR. GLANDORF: Q. We will take periodic breaks, please let me know if you need a break at any time. I would just ask that you would finish answering any pending question; is that okay? A. Yes. Q. Are you planning to offer
2 3 4 5 6 7 8 9	part of the report that I had created. So a lot of the questions related to performance of the atomizer. Q. Roughly when was that deposition? A. Oh, wow, roughly 1990, plus or minus a couple of years. Q. Fair enough. So it's been a little while. I am going to take a few	1 2 3 4 5 6 7 8 9	Page 9 BY MR. GLANDORF: Q. We will take periodic breaks, please let me know if you need a break at any time. I would just ask that you would finish answering any pending question; is that okay? A. Yes. Q. Are you planning to offer testimony at trial in this matter?
2 3 4 5 6 7 8 9	part of the report that I had created. So a lot of the questions related to performance of the atomizer. Q. Roughly when was that deposition? A. Oh, wow, roughly 1990, plus or minus a couple of years. Q. Fair enough. So it's been a little while. I am going to take a few moments, if it's okay, and just outline	1 2 3 4 5 6 7 8 9	Page 9 BY MR. GLANDORF: Q. We will take periodic breaks, please let me know if you need a break at any time. I would just ask that you would finish answering any pending question; is that okay? A. Yes. Q. Are you planning to offer testimony at trial in this matter? A. No.
2 3 4 5 6 7 8 9 10 11	part of the report that I had created. So a lot of the questions related to performance of the atomizer. Q. Roughly when was that deposition? A. Oh, wow, roughly 1990, plus or minus a couple of years. Q. Fair enough. So it's been a little while. I am going to take a few moments, if it's okay, and just outline some of kind of the ground rules and the	1 2 3 4 5 6 7 8 9 10	Page 9 BY MR. GLANDORF: Q. We will take periodic breaks, please let me know if you need a break at any time. I would just ask that you would finish answering any pending question; is that okay? A. Yes. Q. Are you planning to offer testimony at trial in this matter? A. No. Q. Are you being compensated for
2 3 4 5 6 7 8 9 10 11 12	part of the report that I had created. So a lot of the questions related to performance of the atomizer. Q. Roughly when was that deposition? A. Oh, wow, roughly 1990, plus or minus a couple of years. Q. Fair enough. So it's been a little while. I am going to take a few moments, if it's okay, and just outline some of kind of the ground rules and the expectations here.	1 2 3 4 5 6 7 8 9 10 11 12	Page 9 BY MR. GLANDORF: Q. We will take periodic breaks, please let me know if you need a break at any time. I would just ask that you would finish answering any pending question; is that okay? A. Yes. Q. Are you planning to offer testimony at trial in this matter? A. No. Q. Are you being compensated for this deposition?
2 3 4 5 6 7 8 9 10 11 12 13	part of the report that I had created. So a lot of the questions related to performance of the atomizer. Q. Roughly when was that deposition? A. Oh, wow, roughly 1990, plus or minus a couple of years. Q. Fair enough. So it's been a little while. I am going to take a few moments, if it's okay, and just outline some of kind of the ground rules and the expectations here. So you are under oath. You are	1 2 3 4 5 6 7 8 9 10 11 12 13	Page 9 BY MR. GLANDORF: Q. We will take periodic breaks, please let me know if you need a break at any time. I would just ask that you would finish answering any pending question; is that okay? A. Yes. Q. Are you planning to offer testimony at trial in this matter? A. No. Q. Are you being compensated for this deposition? A. No.
2 3 4 5 6 7 8 9 10 11 12 13 14	part of the report that I had created. So a lot of the questions related to performance of the atomizer. Q. Roughly when was that deposition? A. Oh, wow, roughly 1990, plus or minus a couple of years. Q. Fair enough. So it's been a little while. I am going to take a few moments, if it's okay, and just outline some of kind of the ground rules and the expectations here. So you are under oath. You are under oath?	1 2 3 4 5 6 7 8 9 10 11 12 13 14	Page 9 BY MR. GLANDORF: Q. We will take periodic breaks, please let me know if you need a break at any time. I would just ask that you would finish answering any pending question; is that okay? A. Yes. Q. Are you planning to offer testimony at trial in this matter? A. No. Q. Are you being compensated for this deposition? A. No. MR. GLANDORF: So at this time I
2 3 4 5 6 7 8 9 10 11 12 13 14 15	part of the report that I had created. So a lot of the questions related to performance of the atomizer. Q. Roughly when was that deposition? A. Oh, wow, roughly 1990, plus or minus a couple of years. Q. Fair enough. So it's been a little while. I am going to take a few moments, if it's okay, and just outline some of kind of the ground rules and the expectations here. So you are under oath. You are under oath? A. Yes.	1 2 3 4 5 6 7 8 9 10 11 12 13 14 15	Page 9 BY MR. GLANDORF: Q. We will take periodic breaks, please let me know if you need a break at any time. I would just ask that you would finish answering any pending question; is that okay? A. Yes. Q. Are you planning to offer testimony at trial in this matter? A. No. Q. Are you being compensated for this deposition? A. No. MR. GLANDORF: So at this time I am going to introduce our first
2 3 4 5 6 7 8 9 10 11 12 13 14 15 16	part of the report that I had created. So a lot of the questions related to performance of the atomizer. Q. Roughly when was that deposition? A. Oh, wow, roughly 1990, plus or minus a couple of years. Q. Fair enough. So it's been a little while. I am going to take a few moments, if it's okay, and just outline some of kind of the ground rules and the expectations here. So you are under oath. You are under oath? A. Yes. Q. I will be asking you questions	1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16	Page 9 BY MR. GLANDORF: Q. We will take periodic breaks, please let me know if you need a break at any time. I would just ask that you would finish answering any pending question; is that okay? A. Yes. Q. Are you planning to offer testimony at trial in this matter? A. No. Q. Are you being compensated for this deposition? A. No. MR. GLANDORF: So at this time I am going to introduce our first exhibit, we will see how this goes.
2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17	part of the report that I had created. So a lot of the questions related to performance of the atomizer. Q. Roughly when was that deposition? A. Oh, wow, roughly 1990, plus or minus a couple of years. Q. Fair enough. So it's been a little while. I am going to take a few moments, if it's okay, and just outline some of kind of the ground rules and the expectations here. So you are under oath. You are under oath? A. Yes. Q. I will be asking you questions today and you are obligated to provide	1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17	Page 9 BY MR. GLANDORF: Q. We will take periodic breaks, please let me know if you need a break at any time. I would just ask that you would finish answering any pending question; is that okay? A. Yes. Q. Are you planning to offer testimony at trial in this matter? A. No. Q. Are you being compensated for this deposition? A. No. MR. GLANDORF: So at this time I am going to introduce our first exhibit, we will see how this goes. (Holmes Exhibit 1, Document
2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18	part of the report that I had created. So a lot of the questions related to performance of the atomizer. Q. Roughly when was that deposition? A. Oh, wow, roughly 1990, plus or minus a couple of years. Q. Fair enough. So it's been a little while. I am going to take a few moments, if it's okay, and just outline some of kind of the ground rules and the expectations here. So you are under oath. You are under oath? A. Yes. Q. I will be asking you questions today and you are obligated to provide true and accurate and complete answers to	1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18	Page 9 BY MR. GLANDORF: Q. We will take periodic breaks, please let me know if you need a break at any time. I would just ask that you would finish answering any pending question; is that okay? A. Yes. Q. Are you planning to offer testimony at trial in this matter? A. No. Q. Are you being compensated for this deposition? A. No. MR. GLANDORF: So at this time I am going to introduce our first exhibit, we will see how this goes. (Holmes Exhibit 1, Document Bates stamped ME2C-RC-00163545, was so
2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19	part of the report that I had created. So a lot of the questions related to performance of the atomizer. Q. Roughly when was that deposition? A. Oh, wow, roughly 1990, plus or minus a couple of years. Q. Fair enough. So it's been a little while. I am going to take a few moments, if it's okay, and just outline some of kind of the ground rules and the expectations here. So you are under oath. You are under oath? A. Yes. Q. I will be asking you questions today and you are obligated to provide true and accurate and complete answers to the best of your ability; do you	1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19	Page 9 BY MR. GLANDORF: Q. We will take periodic breaks, please let me know if you need a break at any time. I would just ask that you would finish answering any pending question; is that okay? A. Yes. Q. Are you planning to offer testimony at trial in this matter? A. No. Q. Are you being compensated for this deposition? A. No. MR. GLANDORF: So at this time I am going to introduce our first exhibit, we will see how this goes. (Holmes Exhibit 1, Document Bates stamped ME2C-RC-00163545, was so marked for identification, as of this
2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20	part of the report that I had created. So a lot of the questions related to performance of the atomizer. Q. Roughly when was that deposition? A. Oh, wow, roughly 1990, plus or minus a couple of years. Q. Fair enough. So it's been a little while. I am going to take a few moments, if it's okay, and just outline some of kind of the ground rules and the expectations here. So you are under oath. You are under oath? A. Yes. Q. I will be asking you questions today and you are obligated to provide true and accurate and complete answers to the best of your ability; do you understand that?	1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20	Page 9 BY MR. GLANDORF: Q. We will take periodic breaks, please let me know if you need a break at any time. I would just ask that you would finish answering any pending question; is that okay? A. Yes. Q. Are you planning to offer testimony at trial in this matter? A. No. Q. Are you being compensated for this deposition? A. No. MR. GLANDORF: So at this time I am going to introduce our first exhibit, we will see how this goes. (Holmes Exhibit 1, Document Bates stamped ME2C-RC-00163545, was so marked for identification, as of this date.)
2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21	Page 7 part of the report that I had created. So a lot of the questions related to performance of the atomizer. Q. Roughly when was that deposition? A. Oh, wow, roughly 1990, plus or minus a couple of years. Q. Fair enough. So it's been a little while. I am going to take a few moments, if it's okay, and just outline some of kind of the ground rules and the expectations here. So you are under oath. You are under oath? A. Yes. Q. I will be asking you questions today and you are obligated to provide true and accurate and complete answers to the best of your ability; do you understand that? A. Yes.	1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21	Page 9 BY MR. GLANDORF: Q. We will take periodic breaks, please let me know if you need a break at any time. I would just ask that you would finish answering any pending question; is that okay? A. Yes. Q. Are you planning to offer testimony at trial in this matter? A. No. Q. Are you being compensated for this deposition? A. No. MR. GLANDORF: So at this time I am going to introduce our first exhibit, we will see how this goes. (Holmes Exhibit 1, Document Bates stamped ME2C-RC-00163545, was so marked for identification, as of this date.) A. Is it going to come up on my
2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22	part of the report that I had created. So a lot of the questions related to performance of the atomizer. Q. Roughly when was that deposition? A. Oh, wow, roughly 1990, plus or minus a couple of years. Q. Fair enough. So it's been a little while. I am going to take a few moments, if it's okay, and just outline some of kind of the ground rules and the expectations here. So you are under oath. You are under oath? A. Yes. Q. I will be asking you questions today and you are obligated to provide true and accurate and complete answers to the best of your ability; do you understand that? A. Yes. Q. The court reporter will record	1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22	Page 9 BY MR. GLANDORF: Q. We will take periodic breaks, please let me know if you need a break at any time. I would just ask that you would finish answering any pending question; is that okay? A. Yes. Q. Are you planning to offer testimony at trial in this matter? A. No. Q. Are you being compensated for this deposition? A. No. MR. GLANDORF: So at this time I am going to introduce our first exhibit, we will see how this goes. (Holmes Exhibit 1, Document Bates stamped ME2C-RC-00163545, was so marked for identification, as of this date.) A. Is it going to come up on my screen or do I need to pull something up?
2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23	part of the report that I had created. So a lot of the questions related to performance of the atomizer. Q. Roughly when was that deposition? A. Oh, wow, roughly 1990, plus or minus a couple of years. Q. Fair enough. So it's been a little while. I am going to take a few moments, if it's okay, and just outline some of kind of the ground rules and the expectations here. So you are under oath. You are under oath? A. Yes. Q. I will be asking you questions today and you are obligated to provide true and accurate and complete answers to the best of your ability; do you understand that? A. Yes. Q. The court reporter will record my questions and your answers and the	1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23	Page 9 BY MR. GLANDORF: Q. We will take periodic breaks, please let me know if you need a break at any time. I would just ask that you would finish answering any pending question; is that okay? A. Yes. Q. Are you planning to offer testimony at trial in this matter? A. No. Q. Are you being compensated for this deposition? A. No. MR. GLANDORF: So at this time I am going to introduce our first exhibit, we will see how this goes. (Holmes Exhibit 1, Document Bates stamped ME2C-RC-00163545, was so marked for identification, as of this date.) A. Is it going to come up on my screen or do I need to pull something up? Q. I believe it will come up. But
2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24	part of the report that I had created. So a lot of the questions related to performance of the atomizer. Q. Roughly when was that deposition? A. Oh, wow, roughly 1990, plus or minus a couple of years. Q. Fair enough. So it's been a little while. I am going to take a few moments, if it's okay, and just outline some of kind of the ground rules and the expectations here. So you are under oath. You are under oath? A. Yes. Q. I will be asking you questions today and you are obligated to provide true and accurate and complete answers to the best of your ability; do you understand that? A. Yes. Q. The court reporter will record my questions and your answers and the videographer will be recording you. Do	1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24	Page 9 BY MR. GLANDORF: Q. We will take periodic breaks, please let me know if you need a break at any time. I would just ask that you would finish answering any pending question; is that okay? A. Yes. Q. Are you planning to offer testimony at trial in this matter? A. No. Q. Are you being compensated for this deposition? A. No. MR. GLANDORF: So at this time I am going to introduce our first exhibit, we will see how this goes. (Holmes Exhibit 1, Document Bates stamped ME2C-RC-00163545, was so marked for identification, as of this date.) A. Is it going to come up on my screen or do I need to pull something up? Q. I believe it will come up. But it's still thinking about it here.
2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23	part of the report that I had created. So a lot of the questions related to performance of the atomizer. Q. Roughly when was that deposition? A. Oh, wow, roughly 1990, plus or minus a couple of years. Q. Fair enough. So it's been a little while. I am going to take a few moments, if it's okay, and just outline some of kind of the ground rules and the expectations here. So you are under oath. You are under oath? A. Yes. Q. I will be asking you questions today and you are obligated to provide true and accurate and complete answers to the best of your ability; do you understand that? A. Yes. Q. The court reporter will record my questions and your answers and the	1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23	Page 9 BY MR. GLANDORF: Q. We will take periodic breaks, please let me know if you need a break at any time. I would just ask that you would finish answering any pending question; is that okay? A. Yes. Q. Are you planning to offer testimony at trial in this matter? A. No. Q. Are you being compensated for this deposition? A. No. MR. GLANDORF: So at this time I am going to introduce our first exhibit, we will see how this goes. (Holmes Exhibit 1, Document Bates stamped ME2C-RC-00163545, was so marked for identification, as of this date.) A. Is it going to come up on my screen or do I need to pull something up? Q. I believe it will come up. But

Page 10 1 BY MR. GLANDORF: of time walking through your employment A. Okay, my resumé came up. 2 and educational background, if we could. 2 3 Excellent. All right. This is 3 A. Yes. Q. Could you start by telling us going to work. 5 Mr. Holmes, do you see Exhibit 5 your -- where you went to college and 6 1? what you studied? 7 A. Yes, I see the resumé. It says A. Yes. I started my college at a 8 Exhibit 1, I see that. 8 college in North Dakota called Mayville, 9 Q. And are you able to scroll M-A-Y-V-I-L-E, State University. And I around and see the whole document? 10 got two bachelor's degrees at Mayville 11 Let me try here. Yes. State, one in chemistry, and one in 12 Do you recognize Exhibit 1? 12 mathematics. And as part of that, I Q. 13 decided engineering was the route for me Α. Yes. 14 Q. What is Exhibit 1? because I liked the more math-driven 15 A. It's my -- you were looking for 15 chemistry. 16 a long resumé, so it was my resumé before 16 So I ended up getting a Master 17 I left EERC to take on my new job, so in 17 of Science degree in chemical engineering 18 my new job I don't have a long resumé. 18 at the University of North Dakota. And 19 So I provided this. so that was roughly a two-year to finish 20 Q. Who prepared this document? 20 all the course work. 21 A. I think executive assistant. 21 And then I later defended my 22 Administrative assistant. 22 thesis and I can't remember the exact 23 O. An administrative assistant at year I went and defended my thesis. But 24 EERC? I was employed as of September, I guess 25 25 Yes. it was August of 1986. Α. Page 11 Page 13 O. And what does EERC stand for? 1 Q. And at a high level -- sorry to 2 **Energy and Environmental** 2 interrupt. At a high level, what was 3 Research Center. 3 your thesis, what was the subject of your Are you currently employed at 4 thesis? 4 5 5 EERC? A. Oh, my thesis subject was on 6 A. No. 6 basically, it was related to coal Q. Where is your current place of liquefaction. And there are two types of employment? 8 coal liquefaction. Mine was focused on 9 9 A. I work kind of a hybrid job direct liquefaction. 10 where I work under a North Dakota 10 Q. Can you define liquefaction for 11 industrial commission as a technical 11 us? 12 advisor. And then I work under the 12 A. Yes, turning coal into a liquid 13 Lignite Energy Council as the executive fuel, primarily fuel. 13 14 vice president for R&D. My focus is on 14 Q. Where did you go after 15 lignite coal and it's focused on the graduating? 15 A. After graduating I took a job 16 State's R&D program. And I believe 16 17 there, I believe it was December of 2016. 17 at Babcock & Wilcox's research and 18 Q. So is this resumé updated as of development division in Alliance, Ohio. 18 19 December of 2016? 19 Q. And how long were you there? A. Yeah. So it would be the 20 A. 15 years. 21 resumé I would use before I left and 21 Q. And what was your position 22 officially and basically through the 22 while you were -- I assume it changed

4 (Pages 10 - 13)

23

24

25

over time?

A. Yeah, it changed over time. I

believe when I left it was titled

calendar year 2016.

Q. Let's step back now to the

25 beginning. I want to spend a little bit

23

24

Page 14 Page 16 principal engineer 2. It might have been trying to measure and capture one part 1 2 principal research engineer 2. But it 2 per billion. was a nondescript title, you know. 3 I guess I will wait for a more specific question, but I will say that a 4 They had a bunch of researchers 5 working together on projects. So I would 5 lion's share of that project was focused manage different projects. on wet scrubbers. Because Babcock & 6 7 Q. You were managing research Wilcox, at the time, a lot of their 8 8 business was in wet scrubbers. projects; is that right? 9 A. Yes. Q. Okay. We will come back to 10 O. All related to coal combustion? 10 those, I believe, as we go along here. 11 A. No. No. R&D related to 11 At some point then you transitioned to EERC; is that correct? 12 energy. So coal combustion was certainly 12 13 in the mix. 13 A. Yes. Q. And why did you make that 14 I did -- stop me if I am going 14 15 off track -- but I did particle size 15 change? 16 measurements. Gas velocity using laser 16 A. Family health reasons from 17 technologies like laser Doppler 17 North Dakota and Minnesota made me want 18 velocimetry, Malvern particle sizing. to look at moving back closer to be near 18 19 Atomizers. I did a lot of work on SO2 19 specifically my mother. 20 emissions from different facilities. 20 Q. And what position were you 21 Fuel processing. Some for the fuel cell 21 hired to at EERC? 22 industry to prepare and process fuels to 22 A. I can't remember the initial 23 provide hydrogen mixtures for fuel cells. 23 title. I think it was -- sorry, it was a 24 And economic evaluations. 24 long time ago. It was August of 2001. 25 25 I'll stop there and wait for a And my title was senior research advisor, Page 17 Page 15 I am pretty sure. And I apologize, I more direct question, because I could use up all your time talking about the never really focused heavily on title. 3 various projects. 3 Q. That's fair. Was your work Q. Fair enough. Let me ask a 4 during your time at EERC in this 2001 to 4 5 5 couple of more targeted questions. 2004 time period -- let me start again. Was a portion of your work 6 During the 2001 to 2004 time 6 7 during this time related to mercury period at EERC, was your work focused on control from emissions? 8 8 mercury control? 9 A. Yes. 9 A. In R&D, your work ends up being 10 Q. And was your work tied to any 10 diverse because you got a lot of 11 particular location, any particular 11 opportunity, a lot of challenges facing energy plants or systems? the industry and a lot of contracts. But 13 A. My work, the biggest and last it is fair to say a majority of my work 14 project I did was tied to, it had partial 14 at that time was focused on mercury. 15 funding from the Ohio Coal Development 15 Q. During that time, was the focus office. And also we had a suite of fuel still on wet scrubbers or were there dry 16 17 that happened to be representative of a 17 scrubbing techniques as well? 18 subbituminous coal. 18 A. The focus during that time was 19 Q. Can you give us a description 19 more diverse than wet scrubbers. And wet

5 (Pages 14 - 17)

22

23

24

25

O.

20 21

22

24

of the type of work you did related to

A. There was a lot of variety in

25 they work. Because with mercury, you're

which analyzers worked and how and when

23 that project. But it was everything from

mercury during that time?

scrubbers were a very, I guess I am

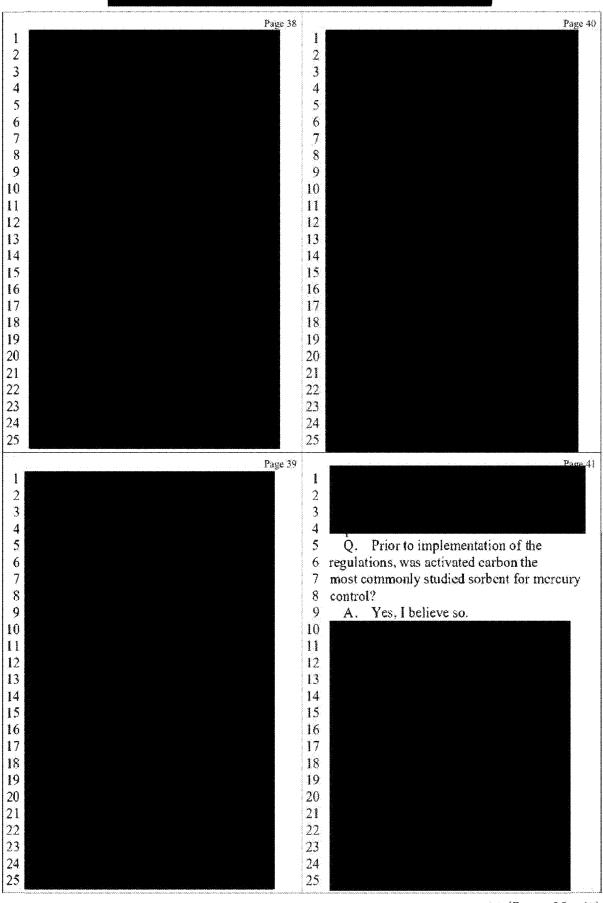
I was focused on. It was some, but it

wasn't the main focus.

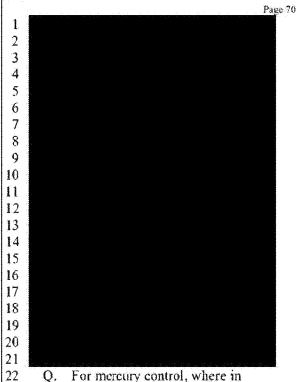
remembering a very small portion of what

What was the main focus?

Well, the main focus was -- let



11 (Pages 38 - 41)



23 the system do you typically add activated 24 carbon?

25

3

5

16 17

21

A. I am trying to think how varied

Well, I would have to talk to Season power plants and make sure that I am not

Page 72

Page 73

wrong, but I would say that's right

unless you've got a second particulate

5 collection system, you're going to fail your capacity requirements at the power

7 plant if you aren't upstream of your

particulate collection.

Q. And you want to be downstream 10 of any area where the temperatures are high enough to destroy the carbon, is that right? 12

A. That would be my belief, yeah.

Q. You would not want to inject an activated carbon sorbent into the combustion zone: is that fair?

A. I wouldn't.

18 Q. Let's introduce a new exhibit here, if we can. It's going to be a pair of exhibits. And so maybe --

A. Can I go back to that --

Q. Oh, sure.

-- question slightly?

I am not saying that someone else hasn't found some magic way to

Page 71

13

14

15

17

21

22

23

24

25

13

17

18

19

21

22

25

activate a sorbent in the combustion

zone. I am just saying unrelated to my

knowledge of, you know, the patents or

anything else, it strikes me as an

engineer you wouldn't want to throw

something in a combustion zone that might

be destroyed. But I could see maybe some 8 sorbents being activated, possibly. I

9 don't know.

10 Q. You would expect a carbon-based 11 sorbent to combust in the combustion 12 zone: is that right?

 If you're in with the coal and it gets all of that mixing that the coal gets, I would expect that it would be 16 reactive.

Now, activated carbon is a little less reactive than coal, because it's already been charred and steam activated. But again, that's where I think you would have a, get a better answer than I can give from a carbon

23 chemist. 24

it is, but the simple answer is upstream of the particulate capture system and I guess I would work with an activated carbon chemist.

And again, my problem with this is I haven't done any of the commercial 6 work on this so I don't know where they add it. But you would want to be downstream enough not to destroy the 10 carbon properties. And upstream enough 11 to get that in-flight benefit as well as 12 any benefit in the particulate capture 13 system. So upstream of your particulate 14 collection. Downstream of any 15 detrimental temperatures.

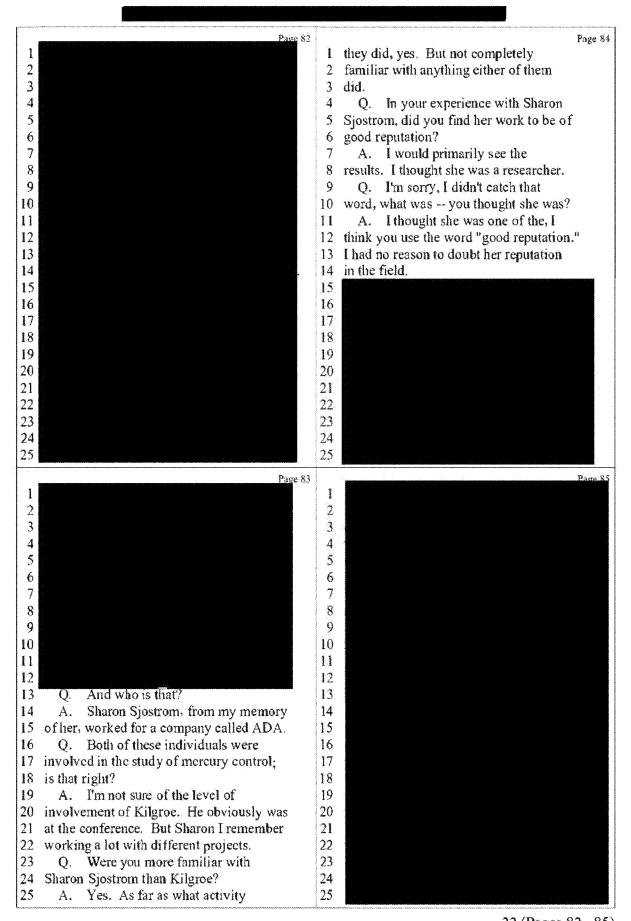
Thank you, that's helpful. I am just trying to define a 18 range here. Because I understand that

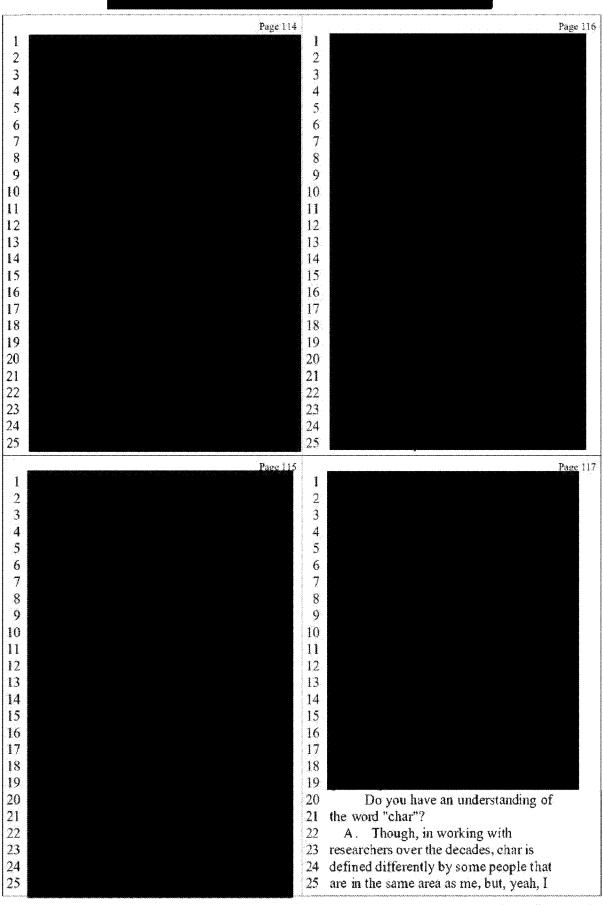
19 there is some variety within that range 20 of location.

So just to clarify, you would 22 not want to add the activated carbon 23 after the particulate collection system,

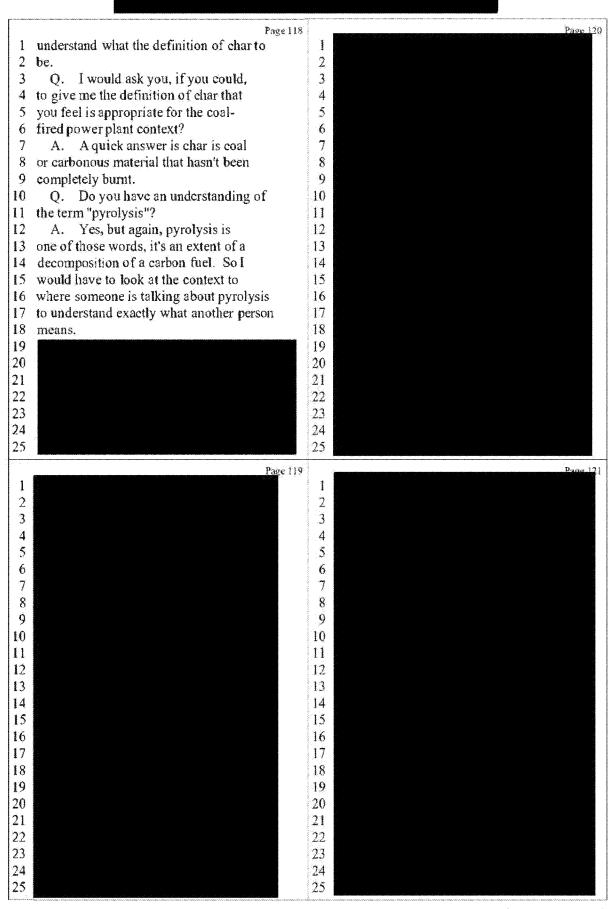
because then you wouldn't be able to 25 remove those particulates; is that right?

19 (Pages 70 - 73)

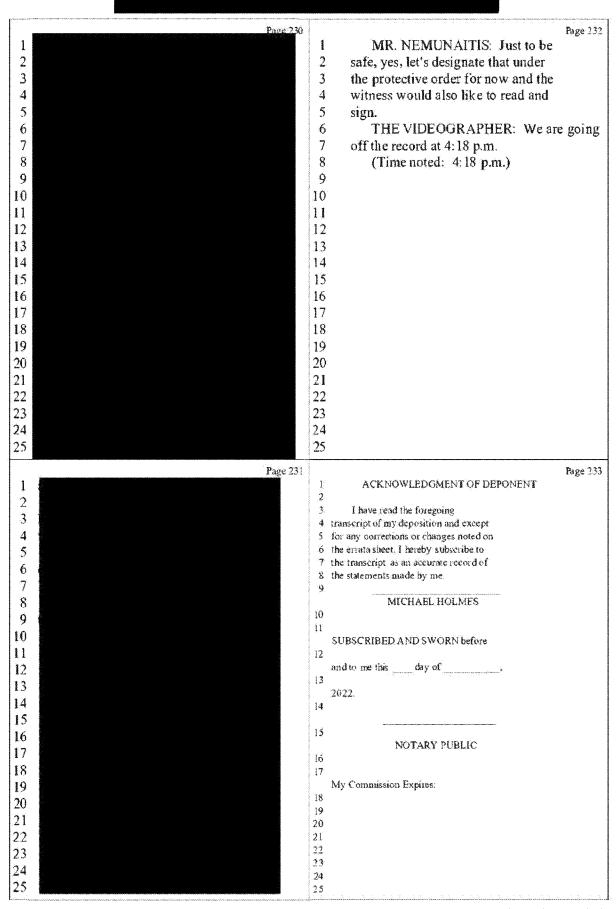




30 (Pages 114 - 117)



Page 10



f	D		20.0
1	Page 234	1	
2	CERTIFICATION	4	VERITEXT
3	SOMETHING AND ADDRESS OF THE SECOND STREET	3	CASE NAME: Microsed Energy Emissions Corp. v Anhur J. Gallagher & Co.
4	I, DAWN MATERA, a Notary Public for	- Adamses	DATE OF DEPOSITION: August 24, 2012
5	and within the State of New York, do hereby		witness's name michael holmes Pageline(s) Change Ruason
6	certify:	6	sa danak sanaan aranda ji iya ina ina gara ina aranda ina aranda ina aranda ina aranda ina aranda ina aranda i
7	That the witness whose testimony as	i T	
8	herein set forth, was duly sworn by me; and	8	augustasis autotistotorioris residus attaisperioristasis ori erimentatas de projektionataria, residus attais e augustus autotistotorioris artikologis erimentatas erimentataria erimentata erimentata erimentata erimentata e
9	that the within transcript is a true record of	The second	-accord premiurant processorium accomun acchieranteurium. Seend secres seriel manuseurium accomunium (ministrum accomuni
10	the testimony given by said witness.	9	- among beginning consideration or representation and consideration of the consideration of t
11	I further certify that I am not	10	
12	related to any of the parties to this action	in the	series de françaisement de françaisement de contraction de la cont
13	by blood or marriage, and that I am in no way	12	Постояння до применя в поменя по применя по подавания применя по подавания в постояния в постояния в постояния В постояния в применя по применя по постояния по постояния по постояния по постояния в постояния в постояния по
14	interested in the outcome of this matter.	13	naaski riigaangah samaanaan aanaan aanaak aanaanaan. Anaaskaan maankaan aanaan aanaan aanaanka an samaan
15	IN WITNESS WHEREOF, I have hereunto	14	
16	set my hand this 25th day of August, 2022.	15	
17	o Mana	o de la composición della comp	- varane, arana anagana ana anagana anagana anagana anagana anagana. Inggan fi yangan angan kanagana anagana anagan anagan anagan anagana anagana.
	Down Motera	16	Sente del la paragraphica de la contractica del la contractica de la contractica del la contractica de la contractica de la contractica de la contractica del la contractica de la contractica de la contractica del la c
18	DAWN MATERA	17	San Alexander Communication of Communica
19		18	
20		20	MICHAEL HOLMES
21		Olar Control	Subscribed and Sworn To
22		21	Before Me This Day of , 2022
23		22	
24		23	
25		25	My Con unission Expires
	Page 235		
1.	INDEX	one in the contract of the con	
3	Witness Page MICHAEL HOLMES 6	age of the same	
4		a constant	
2	EXHIBITS	and a second	
5	Holmes Page	rages prospection	
6		principal participal p	
7	Exhibit 1 Document Bates stamped 9 ME2C-RC-00163545	Sold and the sold	
	Exhibit 2 114 patent 24	desired and a second	
9	Exhibit 3 1 47 patent 24	- complete c	
	Exhibit 4 '225 patent 24 Exhibit 5 '517 patent 24	and	
12	Exhibit 6'430 patent 24	aproximation in	
13	Exhibit 7 Document Bates stamped 76	A CONTRACTOR	
14	ME2C-RC-00119228	agriculture of	
	Exhibit 8 Document Bates stamped 76	and designation of the second	
15	ME2C-RC-00119229	enther collection	
10	Exhibit 11 Document Bates stamped 149 ME2C-RC-00070797	in the second	
17		Acceptation of the Control of the Co	
1	Exhibit 9 Document Bates stamped 161	and the second	
18	ME2C-RE-00074927 Exhibit 10 Document Bates stamped 164	V-OCCUPANT.	
1	ME2C-RC-00070583	organic state	
20	, MA	Strice description of the strice of the stri	
21	~000~	- Company	
22		a constant	
23		and the second	
24 25		and the state of	
		1	

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.

DISCLAIMER: THE FOREGOING FEDERAL PROCEDURE RULES

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.

VERITEXT LEGAL SOLUTIONS COMPANY CERTIFICATE AND DISCLOSURE STATEMENT

Veritext Legal Solutions represents that the foregoing transcript is a true, correct and complete transcript of the colloquies, questions and answers as submitted by the court reporter. Veritext Legal Solutions further represents that the attached exhibits, if any, are true, correct and complete documents as submitted by the court reporter and/or attorneys in relation to this deposition and that the documents were processed in accordance with our litigation support and production standards.

Veritext Legal Solutions is committed to maintaining the confidentiality of client and witness information, in accordance with the regulations promulgated under the Health Insurance Portability and Accountability Act (HIPAA), as amended with respect to protected health information and the Gramm-Leach-Bliley Act, as amended, with respect to Personally Identifiable Information (PII). Physical transcripts and exhibits are managed under strict facility and personnel access controls. Electronic files of documents are stored in encrypted form and are transmitted in an encrypted fashion to authenticated parties who are permitted to access the material. Our data is hosted in a Tier 4 SSAE 16 certified facility.

Veritext Legal Solutions complies with all federal and State regulations with respect to the provision of court reporting services, and maintains its neutrality and independence regardless of relationship or the financial outcome of any litigation. Veritext requires adherence to the foregoing professional and ethical standards from all of its subcontractors in their independent contractor agreements.

Inquiries about Veritext Legal Solutions' confidentiality and security policies and practices should be directed to Veritext's Client Services Associates indicated on the cover of this document or at www.veritext.com.