

**Question: “that was quite some time ago that you were actually started with boots on the ground within the city of Flint?”**

McElmurry: “...my work in Flint starts probably *about nine years ago now. No, that’s too many, probably like seven or eight years ago* .. I got pulled in along with researchers at Purdue University, US EPA Region 5 to try to help him address what he saw as a challenge managing their infrastructure..”... “we worked for a while on the shrinking city problem if you will, and we published some of that work and *I kind of took a break from Flint*. I wasn’t as involved in Flint and when I started hearing the news reports kind of roll out about problems in Flint I will be honest with you, my wife got sick of me complaining about it and she told me to do something about it and so I did not know Doctor Mona Hanna-Attisha. *I did not know anyone else in Flint at the time* but I just emailed her and said that I have you know, data from before the crisis that might be useful to understand that and so I started to come re-involved...”

**Question: “Just to get, and I understand the gravity of the work. How important was this work to you and your team?”**

McElmurry: *So obviously Flint was international news but more so then that. You know, we are all residents of the State and you know, I worked in Flint before and for all of us on the team...we felt that this would, you know, this was our family, our kids, I mean we felt, we really felt for the people of Flint....*

**Question: So Doctor McElmurry I want to take you back in time to your, you had mentioned to the Court you came here in what year specifically to start working in the city of Flint?**

McElmurry: *You know, I’d have to look back at my records. I’m guessing it’s 2010, 2012, sometime like that.*

**Question: When was that <working in Flint>?**

McElmurry: *As I said, for some reason—well maybe five years earlier. I know we had a publication that came out right as the water*

*crisis had kind of gotten national attention, and that was probably two years prior to that we had been working in Flint.*

**Question: And you had been involved in counseling Mayor Walling years ago on water issues in Flint?**

*McElmurry: Correct, Yes.*

**Question: And I was intrigued on direct examination when you mentioned that you had previously had experience in Flint dealing with the impending, as many communities have, about their municipal water systems, and and that was in 2014, correct?**

*McElmurry: It was. I believe it was before 2014.*

**Question: Well you tell me. I thought it was 2014.**

*McElmurry: I came to Wayne State in 2008, and the work was shortly thereafter, so it was before 2014.*

**Question: Let me ask you, this, in what type of work were you doing in Flint regardless of the time period?**

*McElmurry: So at the time Mayor Walling had,.....very broad discussion about managing utilities and infrastructure in shrinking cities.*

**Question: In other words, the mayor and municipal leaders were trying to learn of the nature of the problem and possible cures, too, right....now how long?...And, for how long did that work in research go?**

*McElmurry: I mean, I remember I was pretty active with that for more than two years I would say.*

**Question: And, then, you have a memory in your mind's eye when it ended, that work?**

*McElmurry: I would have to refer to—*

**Question: Right. Well, let's work with some dates we do know. We do know that the switch to Flint River occurred in the spring of 2014, right?**

*McElmurry: Yes, sir.*

**Question: So your research ended before that day?**

*McElmurry: Yes, sir.*

**Question: Were you aware of any of the discussion about the water switch obviously prior to April of 2014?**

*McElmurry: I can't recall how much I was aware of.*

**Question: So even though you had done research in Flint, as far as your academic obligations, you weren't brought in on any, in any capacity, with respect to the water switch?**

*McElmurry: At the time I was doing the work on shrinking cities we never discussed switching to an alternative water source as a way to, in any of those discussions.*

**Question: So you talked about your research early on about shrinking Flint. This was pre water switch...It was pre-2014, and I wasn't quite clear as exactly when that research ended. It was before the water switch in April of 2014?**

*McElmurry: Yeah, so, so in some senses it hasn't ended...I was saying that the time that I spent in Flint gathering data and engaging with Flint as a municipality ended before the change in water supply*

**Question to Dr. Reynolds: Okay, and you know if Mr. Hollins had done anything or took any steps as it relates to the advice you gave him?**

*Dr. Reynolds: It may be shortly after that I got a rather urgent phone call from him saying did I know anybody who was capable of studying, Legionella, and I recommended Doctor Shawn McElmurry,*

*an environmental engineer at Wayne State because he had done hydraulic modeling for the city of Flint I think within the past year and since he had been a former Vice President at Wayne State he knew he could contact. ...So he did come in contact. Doctor McElmurry told him that to study for something...It required a team. He could not do it alone.*

**Question to Harvey Hollins: So what do you know as it relates to Doctor McElmurry's role in the city of Flint? What was he doing, if you know?**

*Harvey Hollins: Well he told me what he was doing. He was collecting samples throughout from 2014....I'm not sure if he was working, I don't believe he told me he was working on Legionella. He just said he had samples. I called him to see if he was able to do research on Legionella and he said yes. He didn't tell me he was working on Legionella since 2014 that I recall.*

**Question: And then the next phase or next..you ultimately get approached by a person by the name of Mr. Harvey Hollins?**

*McElmurry: Yes. So in January it was right after the holidays, I just returned back to campus of 2016 now. I received a call from Harvey Hollins. I was walking to lunch after class and I received a call and I had met Harvey previously when he worked at Wayne State University. I didn't know him well. I think I met him once or twice. He asked me if I knew who he was. I said yes. He explained he was working for the Governor now and that he asked if I was, you know, if I collected samples in Flint. I said yes. He very quickly asked me did you test for Legionella and I said no we have not tested for Legionella. We did collect some samples and filtered them and froze them in anticipation of biological sampling. He asked me if I had analyzed those samples, what were the results and I said well we didn't have funds to be able to do that. So we didn't analyze those samples and he said, no problem. I will get you money. You can analyze those. I said okay, thank you very much. It's not often someone calls and just throws money at you... he then said that the*

*Governor was interested in trying to understand whether or not the change in the water supply caused the Legionnaire's outbreak, and he said can you determine that and I told him that, you know, I alone couldn't do it but that you know, I could get a team of people together to try to address that question and he said how much would it cost .....and so just off the top of my head said million dollars. I don't know how much and he said money was no issue, no problem and –*

**Several Questions to Dr. Kilgore: You were asked to work on this project by Dr. McElmurry? Have you seen his hydraulic model of the City of Flint? Did you become aware of his extensive background working in the City of Flint before FACHEP. And what did that entail? Would you agree that Dr. McElmurry's extensive experience working with the people of Flint and in the City of Flint on water issues played a factor in obtaining the contract?**

*Kilgore: That's right. As part of the team, that's correct. I have, but I am not an expert in hydrology and water systems, so I probably could not give you a very helpful comment on that. He had done studies in the City of Flint looking at premise plumbing, and also he had interactions with residents in the community. His expertise in -- yes, his expertise in the City of Flint was particularly prominent..*

**After McElmurry revealed he had human subjects training after winning the 2016 NIH and NSF grants on Flint.**

**Question: And when did you receive your training?**

*McElmurry: I don't know. There's many different types of training and I, I (sic) know **some of that training I had before even those grants, just because I thought it was important to have some of the ethics training and working out in the field with residents but I know for the work, when I started working again in Flint the second time I did have to take additional courses or modules in the training IRB (sic) process.***

**Question: So in order, before you could sign the contract you had to take additional training on human subjects?**

*McElmurry: Yeah. I think that, I don't know that I had to, before the State had to I think, I don't know that I had to do anything more training when we first got contacted by Harvey. I don't know that I had to have any additional trainings that I needed.*

**Question: So your testimony is you did not need any training before this contract was executed?**

*McElmurry: My training is I don't remember needing any additional training.*