

1 who are not in facilities that are kept
2 alive on medications that enable them
3 to live their lives as productive
4 citizens without them even knowing that
5 they have a condition. We don't want
6 to interfere with that.

7 Please continue the
8 protection of not only banning
9 hydraulic fracking for natural gas
10 within the Delaware River basin, but
11 also banning any support of that
12 industry elsewhere. Ban withdrawal of
13 the water from the Delaware River basin
14 to these areas and then processing and
15 storage of waste that is generated
16 elsewhere in the DRB. Thank you.

17 HEARING OFFICER:

18 Okay. Thanks, Ms.
19 Little. Is there anybody else that
20 would like to address the Commission
21 who has not spoken yet? Yeah, I think
22 I covered all of the list. You don't
23 have to be on the list. Okay. Would
24 you like to address the Commission?

25 MS. MICKLEY:

1 Yes.

2 HEARING OFFICER:

3 Okay. If you would,
4 please.

5 MS. MICKLEY:

6 Thank you.

7 HEARING OFFICER:

8 I say that because of the
9 recording of it. All right?

10 MS. MICKLEY:

11 Sure.

12 HEARING OFFICER:

13 And if you'd start by
14 stating and spelling your last name.

15 MS. MICKLEY:

16 My name is Sue Mickley,
17 M-I-C-K-L-E-Y. I'd like to address the
18 quotes of 1,100 research papers. This
19 is an excerpt from a petition from Fast
20 Paced Regulation authored by Steve
21 Malloy. It was put together February
22 20th and I'm presenting excerpts of it.

23 It's addressing the lack
24 of epidemiological standards that
25 threaten efforts to reduce

1 overregulation. It is a safe bet that
2 virtually all epidemiological based
3 federally regulated efforts for the
4 past 25 years or so may be considered
5 as safe science or junk science. This
6 is because federal agencies, especially
7 the EPA --- and I add here the DRBC's
8 current regulatory efforts --- of
9 taking action to issue regulations
10 based on the statistical noise that is
11 weak associated --- association
12 epidemiology.

13 The state's science
14 should be held up to new robust federal
15 epidemiological standards, and then
16 validated or discarded based on its
17 actual merits. The data used in these
18 studies are often of such poor quality
19 that epidemiologists refuse to share
20 their data with independent researchers
21 for the purpose of peer review. This
22 is a tradition to confirm scientific
23 method.

24 The first efforts to
25 issue standards for interpreting

1 epidemiological studies was articulated
2 by famed British epidemiologist, Sir
3 Austin Bradford Hill, in 1965. Hill
4 almost uncannily foresaw the most
5 common abuse of epidemiological
6 problems we see today, i.e.,
7 inappropriate reliance on weak,
8 statistical correlations, also called
9 weak associations, that likely reflect
10 only poor data quality or chance versus
11 meaningful results.

12 The adage correlation is
13 not causation should come to mind. Not
14 only is the adage true, but also weak
15 correlations or weak associations never
16 portend causations. Weak associations
17 are just meaningless statistical noise.
18 There's not a single example in the
19 scientific literature of a weak
20 association epidemiological study whose
21 reported association turned out to be
22 scientifically valid, not one.

23 I would like to summarize
24 the processing in going through using
25 these studies to argue the dangers of

1 fracking. This process could easily be
2 compared to the Salem witch trials,
3 with the oil and gas industry and its
4 workers --- responsible citizens being
5 convicted by mass hysteria. I conclude
6 real world results from fake science
7 today.

8 You have real world proof
9 in the Susquehanna River basin right
10 next door. They've proven reliability
11 and a safety of this industry. It's
12 not a new industry. It's been out
13 there. Thank you.

14 HEARING OFFICER:

15 Okay. Thank you, ma'am.
16 Okay. Let's see. Ms. Zerbe? I got
17 the right name? Ms. Zerbe; is that
18 correct? Is your brother here?

19 MS. ZERBE:

20 He's in traffic.

21 HEARING OFFICER:

22 Okay. Is there anybody
23 else here that would like to address
24 the Commissioners?

25 Okay. Ma'am, I think