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219 1 when I first canoed on the 2 Upper Delaware in New York 3 State. I remember scooping up 4 a cup of water while floating 5 down the river and drinking it 6 directly from the river. As a 7 microbiologist, I wouldn't try that today because I know about 8 giardiasis, beaver fever. 9 10 I still enjoy the river 11 to this day. From paddling the 12 reservoirs, to fishing in the Catskills, to tubing the river 13 14 in the Bucks County, to 15 exploring the wetlands along 16 the Delaware Bay. 17 As beautiful as it is 18 still, it's a shadow of its 19 former productivity. A mere 20 century ago we were a 1,000 21 pound sturgeon. We're nearly

> I applaud the Commission's decision to ban fracking in the Delaware River

extinct now.

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Basin. I must protest any water withdrawals for hydraulic fracturing, and especially any disposal of fracking waste or produced water in the basin.

The extensive fracking taking place throughout much of Pennsylvania, particularly in nearby areas, is already fragmenting forests, reducing stream flows, and impinging water quality, and polluting groundwater as shown by proven well contamination.

The only sensible reason for us to withdraw water from the Delaware and its tributaries is for drinking and bathing.

Even if hydraulic fracturing was not exempted by the Safe Drinking Water Act and the Clean Water Act, the belief that the Safe Drinking Water Act, the EPA, or the

Pennsylvania DEP are fully protecting us from contaminated water is dangerously naive.

The absence of regulations covering some of the components in fracking waste fluids cannot be taken as evidence as there's no risk.

But is rather due to the power of the industry over our legislature and Congress that has prevented the EPA from actually analyzing and regulating the vast majority of chemicals in use.

Only 30 new chemicals can be monitored by the EPA every five years. And since there are over 80,000 chemicals in use, that means that at this rate, the vast majority will never be studied.

Well, okay. We'll only take 16,000 years to study them all. Assuming no new ones are

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222 1 created. 2 So it's simply ---3 excuse me. Treatment plants can't handle the wastewater. 4 5 So it's simply not enough to 6 discourage water withdrawals, 7 and the disposal of fracking waste to the Delaware Basin. 8 9 Both must be unambiguously 10 prohibited. The resource is 11 too vital to risk. Thank you. 12 HEARING OFFICER: Thank you. Mike Doyle, 13 14 please. And then Bruce Birchard. And then Andrea 15 16 Strout. 17 MR. DOYLE: 18 Thank you very much. My 19 name is Mike Doyle. And I come 20 here as candidate for the 2.1 legislative district, the 170th 22 legislative district. 23 I knew I had to come 24 today to express my concern 25 that the Delaware River Basin