

To: Members of the Agriculture and Natural Resources Committee

From: Patrick J. O'Connor

19001 East Shoreland Avenue

Rocky River, OH 44116

Date: June 18, 2021

Re: S. B. No. 171

Regards sale of brine from oil or gas operations as a commodity

I oppose SB 171 for the following reason.

AquaSalina was tested by the Ohio Department of Natural Resources. Results from the test revealed that this product contains high levels of Radium-226 and Radium-228. The EPA and the National Academy of Sciences Committee on Biological Effects of Ionizing Radiation list radium as a known human carcinogen. (ATSDR ToxFAQs). Ohio Administrative Code 3701:1-38-12, Appendix C, table II states that the levels of Radium-226 and Radium-228 has a discharge limit of 120 pCi/L for the environmental discharge and the US EPA drinking water standard for combined Radium 226 and 228 is 5pCi/L.