

Amy Rostkowycz

From: Lisa Patrell <patrell.lisa@gmail.com>
Sent: Tuesday, January 28, 2020 9:47 AM
To: Amy Rostkowycz
Cc: Rep. Yousef Rabhi (District 53); Rep. Gary Howell (District 82)
Subject: HCR-12

RE: HCR-12 Resolution to oppose radioactive storage site on the shores of Lake Huron

To: House Committee on Natural Resources & Outdoor Recreation, Rep Howell, chair

Please record this email with the docket of the hearing of 2020 Jan 28, as I am unable to attend today's hearing in Lansing. I am a Michigan resident, residing in Washtenaw County.

I support Representative Howell's resolution. Protecting the water of the Great Lake Basin must become a legislative mandate, for water is a limited natural resource. We can't make more of it.

Water's natural renewable nature, e.g. the Water-Cycle we all learned in grade-school, gives the impression of unlimited supply. Yet, water use inside many industrial cycles has produced water that cannot be restored to safe for human consumption or growing food, without great cost and great effort, if at all.

The half-life of radioactive waste is measured in years longer than several generations, longer than the history of the United States, longer than an era, hence risking contamination of the water along the shores of Lake Huron is irresponsible. There is no good place to store radioactive waste. Containers are lining up along the shores of Lake Erie at the Fermi site and at a number of other reactor sites since Yucca Mountain closed.

Although the challenge to cease production of radioactive waste is a topic for another hearing, Michigan can recognize that further burdening the Great Lakes with radioactive contaminant is most dangerous locale. Many municipalities in several Michigan counties drink water provided by Great Lakes Water Authority (formerly referred to as Detroit water) which has intakes on Lake Huron as well as the Detroit River.

U.S. Department of Energy report, Radiological and Chemical Fact Sheets to Support Health Risk Analyses for Contaminated Areas (2007 March, https://www.remm.nlm.gov/ANL_ContaminantFactSheets_All_070418.pdf) is a broad summation of human health impacts from many radiological elements. When you review this document, augment these impacts with the cost to Michigan to manage the full-range of the fallout. It is not only treating illnesses, it is assisting communities to secure safe drinking water.

Support HCR-12, because Michigan needs to be healthy in order to be productive, and water is not the receptacle industrial waste.

. Lisa Patrell
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