

Dominic J. Sisneros

From: Penny Ellis-Green
Sent: Wednesday, March 6, 2024 10:25 AM
To: Kaye
Cc: Gabriel C. Bustos; Randy Coleman; Dominic J. Sisneros
Subject: RE: The Next Frontier in Forever Chemicals: Environmental Implications of Clean Energy | Nicholas School of the Environment

Kaye

Jose has retired. Dominic is the new case planner and will be the person who keeps any letters related to this development proposal.

Thanks

Penny

From: Kaye [mailto:kaye@coopmead.com]
Sent: Wednesday, March 6, 2024 9:24 AM
To: Jose Larranaga <joselarra@santafecountynm.gov>; Penny Ellis-Green <pengreen@santafecountynm.gov>
Cc: Gabriel C. Bustos <gcbustos@santafecountynm.gov>; Randy Coleman <rlcoleman0@gmail.com>
Subject: The Next Frontier in Forever Chemicals: Environmental Implications of Clean Energy | Nicholas School of the Environment

Warning:

EXTERNAL EMAIL: Do not click any links or open any attachments unless you trust the sender and know the content is safe.

Hi Jose and Penny:

Please add this article to the opposition packet for the Rancho Viejo Solar Project.

In addition to the PFA's in the fire suppressants now comes this bombshell.

Randy Coleman has just uncovered new information this week about recent research into lithium-ion batteries and it is not good news.

Turns out they contain a form of "forever chemicals" called bis-FASIs, a primary electrolyte in lithium-ion batteries.

The attached article contains the results of a new study that found bis-FASI were present in water and sediment near discharges from manufacturing plants and were even measured in soil indicating atmospheric transport.

According to this information, the EPA does not even have this contaminant on their radar.

The author of the study, Lee Ferguson who is chair of the Nicholas School's Master of Environmental Management program in Ecotoxicology and Environmental Health, has spent 20 years amassing data on emerging pollutants in the environment.

He says, "I try to look at water from the perspective of a fish. Why should we be worried about pollution from bsi-FASIs? The aliphatic fluorine-carbon bond is the strongest bond in organic chemistry. It makes these

compounds virtually undegradeable. Once they're in our environment, they really are forever. It's an open question whether clean energy is, really, clean.”

With the recent news stories on the PFA well contamination from fire fighting foams right here in La Cienega and La Cieneguilla area, we need to ban any use of fire suppressants containing PFA's and now the use of lithium-ion batteries containing this new emerging “forever chemical” bis-FASI.

Thank you for reading.

Kaye

<https://nicholas.duke.edu/news/next-frontier-forever-chemicals-environmental-implications-clean-energy>