



**Chat Transcript**  
**from Pesticides & The Chesapeake Bay Watershed Project Conference**  
**November 30, 2021 – Day 2 Session**

- 10:01:44 **From TECH - Emily:** Select "To: Everyone" to chat with everyone in the conference
- 10:02:15 **From Dawn:** Hello Dawn Taft here from the City of Hyattsville-Manager of Environmental Programs.
- 10:02:23 **From Gwen DuBois:** Gwen DuBois MD Chesapeake PSR and MPEN
- 10:02:24 **From Hope Clark:** Hello! I am the MD Organizer form Climate Change Maryland.
- 10:03:03 **From John Barnes:** John Barnes, Interfaith Partners for the Chesapeake
- 10:03:06 **From Michele Colopy (she/her):** Good morning all, I am Michele Colopy, Exec. Dir. of LEAD for Pollinators
- 10:03:45 **From Leila Borrero Krouse:** Leila B. Krouse With CATA/Farmworkers Support Committee Eastern Shore MD
- 10:03:56 **From Candice M. Duncan:** Good morning all, Candice Duncan here, Assistant Professor in Environmental Science and Technology Dept. at UMD
- 10:04:07 **From Laura Tenner:** Good morning! Laura Tenner Sustainability Coordinator from Luminis Health.
- 10:04:38 **From Delegate Sara Love:** Good Morning! Delegate Sara Love, sponsor of several bills to restrict the use of PFAS.
- 10:06:03 **From Hope Clark:** Yes. Good morning. Climate XChange, Maryland Organizer here.
- 10:07:05 **From Rylee, Chesapeake Bay Trust:** Good morning everyone! Rylee Kennedy with the Chesapeake Bay Trust.

10:08:08 **From Bonnie Raindrop:** Download the Jamboard responses to pick your priorities for Monday session

[https://docs.google.com/spreadsheets/d/18Y2V\\_nV\\_4t5JL3ZamqTiyEXEs3ETyv9A/edit?usp=sharing&ouid=116344553823558048965&rtpof=true&sd=true](https://docs.google.com/spreadsheets/d/18Y2V_nV_4t5JL3ZamqTiyEXEs3ETyv9A/edit?usp=sharing&ouid=116344553823558048965&rtpof=true&sd=true)

10:09:51 **From Kristen Peterson:** Good morning! Kristen Peterson with The Hatcher Group

10:09:55 **From Veronika Carella MD CEHC Leg Dir:** Good Morning! Veronika Carella, Legislative Director, Maryland Children's Environmental Health Coalition (MD CEHC) and Co-Facilitator of the Healthier Alternatives Workgroup.

10:11:36 **From Nina Cardin:** Good morning! Nina Beth Cardin, MD Campaign for Environmental Human Rights.

10:12:56 **From Margie Roswell:** Hi! 😊

10:16:17 **From Willa Childress (she/they):** What is the website on PFAS toxicity and how can we find it?

10:18:08 **From TECH - Emily:**  
If you can put your questions in the Q&A, it will help the moderator keep track of them.

10:20:14 **From Kyla Bennett:** [pfastoxdatabase.org](https://pfastoxdatabase.org)

10:24:40 **From Margie Roswell:** With "https://" for clickable link:  
<https://pfastoxdatabase.org/>

10:29:28 **From Bonnie Raindrop:** Link from Kyla:  
<https://pfastoxdatabase.org/>

10:30:19 **From Bonnie Raindrop:** Be sure to Download the Jamboard responses to pick your priorities for Monday session

[https://docs.google.com/spreadsheets/d/18Y2V\\_nV\\_4t5JL3ZamqTiyEXEs3ETyv9A/edit?usp=sharing&ouid=116344553823558048965&rtpof=true&sd=true](https://docs.google.com/spreadsheets/d/18Y2V_nV_4t5JL3ZamqTiyEXEs3ETyv9A/edit?usp=sharing&ouid=116344553823558048965&rtpof=true&sd=true)

10:32:19 **From Gwen DuBois:**

History of pfas and making of the atomic bomb (Manhatttan Project)  
In1938, DuPontscientistaccidentallydiscoveredpolytetrafluoroethylene (PTFE-Teflon)

- DuPont did not find a use for it at the time
- Manhattan Project - 1939-1946
- Enrichment of U235 using gaseous UF6 (corrosive)
- Needed highly resistant coolants and solvents
- DuPont scientists recall PTFE properties
- Liquid fluorocarbons are used for the first time

- After the war, technology was declassified and commercialization begins in 1949  
[https://www.tn.gov/content/dam/tn/environment/solid-waste/documents/esos/sw\\_esos-13\\_2018-05-16-1540-jones.pdf](https://www.tn.gov/content/dam/tn/environment/solid-waste/documents/esos/sw_esos-13_2018-05-16-1540-jones.pdf)

10:33:55 **From Bonnie Raindrop:** See how to manage mosquitoes safely here:

10:34:09 **From Bonnie Raindrop:** <https://mdpestnet.org/learn/pesticides-and-mosquito-management-in-maryland/>

10:37:57 **From Bonnie Raindrop:**  
Kyla Bennett, PhD, JD  
Director, New England PEER  
508-230-9933  
kbennett@peer.org  
www.peer.org

10:39:56 **From Willa Childress (she/they):** Is there a way to know which states have adopted the best PFAS definition?

10:40:44 **From Susan Beal:** Lots of historical data among the veterinary profession who is looking to show there are multiple adverse effects of spot on, feed through, collar, and dip type pesticides on pets and farm animals. Also good studies about how the spot ons will "scruffle off" onto the humans who interact w/ the animals

11:10:51 **From Susan Beal:** It would be really interesting to look at the contamination in areas where the poultry flocks were euthanized by using foam (during the relatively recent AI outbreaks, for example)

11:17:25 **From Gwen DuBois:** Excellent program. Very informative.

11:17:56 **From Susan Beal:** I'm also curious to see how the data on the biology and function of the soil upstream relates to this data - not just crop vs pasture lands, but also how that land is managed (cover crops, tillage, planned / managed grazing {vs set stock grazing}). This will really influence both the movement of water and other matter across / through the land - and also influence the potential metabolism of these and other products

11:18:20 **From Susan Beal:** Re foam for euthanasia - they used fire fighting foam!

11:19:03 **From Art Milholland:** There are not many airport fires. Foams apparently have other uses.

11:19:30 **From Susan Beal:** It's policy for large scale euthanasias. I can type to Vicki about this if she is curious / interested

11:20:36 **From John Barnes:** Airport firefighters routinely train with foam

11:21:19 **From John Barnes:** Disposal of fire fighting foam is another issue

- 11:21:59 **From Margie Roswell:** Data transparency on purchase and application of pesticides
- 11:22:16 **From Michele Colopy (she/her):** restructure EPA to actually serve its mission, but adjust the mission to the "precautionary principle." (or scrap EPA and start over)
- 11:22:22 **From Mark Matsche:** Much attention has started towards human consumption advisories, and rightly so, for PFAS. I would like to see more attention and funding towards fish/wildlife health effects and monitoring.
- 11:22:29 **From Bonnie Raindrop:** Testing of pesticides for PFAS
- 11:22:47 **From Stuart stainman:** coordinate research between 3 levels of govt.
- 11:23:04 **From Chris Nidel:** the issue of PFCs in biosolids seems to be a significant one which the industry is largely ignoring other than on the research side making few if any moves on the practical side other than seeking "source reduction" which merely passes blame
- 11:23:54 **From educe:** Cost effectiveness of treatments to treat invasive species after disturbance/construction/where clearance is regulated by law.
- 11:25:00 **From Roger Williams, Beekeeper:** A big long-term issue is the revolving door of regulators taken from the industries they regulate. We want knowledgeable people in the regulatory positions, but we also do not want "captured agencies" that simply protect the manufacturers versus the final users. I don't have an answer, but I do see the problem.
- 11:25:02 **From Mike Ichniowski MDAAP:** I would say that federal level regulation is most necessary, probably through EPA policy rather than legislation, which would take almost as long as waiting for PFAS to break down. I think that state policy and legislation might be a more rapid process, but would still take years to achieve.
- 11:27:07 **From Ana Rule:** I love the analogy of the sorting hat!
- 11:27:33 **From Susan Beal:** @Roger - unless and until we actually acknowledge that the regulatory capture has skewed the priorities and policies and approaches within these agencies, we're going to be spinning our wheels. It doesn't make sense to hold up agencies as "gold star" when then are, by their very nature, adulterated
- 11:27:43 **From Art Milholland:** There are almost no reported cases, if any, of Covid transmission by touching anything. The disinfectants are the hazard. And, I am sure, very profitable to companies that make and distribute and encourage their use.

11:29:29 **From Kyla Bennett:** I agree 100% Have you read Sharon Lerner's article on the corruption in EPA's pesticide office???

11:33:00 **From Susan Beal:** @Kyla - yep. Thanks for that reminder, though, because it's a good reference for a conversation that I am having in another venue! It's so ironic that we try and "depend on" the EPA (and other agencies) to have the best interests of the humans, animals and environment at their core when, as an organization, they repeatedly drag their muddy boots through this responsibility

11:33:51 **From Bonnie Raindrop:** Visit and link to: [SaferDisinfectants.org](http://SaferDisinfectants.org)

Here's an image you can save with the URL:  
[https://drive.google.com/file/d/1v73SGKVcClPE9bKZ\\_3BG6QR6Y\\_swyIQ\\_/view?usp=sharing](https://drive.google.com/file/d/1v73SGKVcClPE9bKZ_3BG6QR6Y_swyIQ_/view?usp=sharing)

11:34:12 **From Bonnie Raindrop:** Visit and link to: [SaferDisinfectants.org](http://SaferDisinfectants.org)

11:34:48 **From Susan Beal:** This is a super project. I've noodled around there a bit and found it fascinating and helpful. Thanks much for doing this!

11:36:32 **From Art Milholland:** The chemicals are used in schools and restaurants, over and over.

11:36:36 **From Mike Ichniowski MDAAP:** Risks of mixing disinfectants is substantial too!

11:39:09 **From Sally Hornor:** Webroot gives a security concern for this website

11:39:30 **From Susan Beal:** There was a great presentation at this meeting last year about this topic, too. I'm guessing it's somewhere on the MDPestNet website? Bonnie will know! : ))

11:39:37 **From Bonnie Raindrop:** Sponsor links:

[www.momsorganicmarket.com](http://www.momsorganicmarket.com)

[www.cottinghamfarm.com](http://www.cottinghamfarm.com)

[www.foxhavenfarm.org](http://www.foxhavenfarm.org)

[www.kwlandscaping.org](http://www.kwlandscaping.org)

[www.cleanwater.org](http://www.cleanwater.org)

[www.GoOrganicNow.org](http://www.GoOrganicNow.org)

11:41:17 **From Delegate Robbyn Lewis:** Great presentations, thank you!

11:41:18 **From Michele Colopy (she/her):** Thank you all!

- 11:41:37 **From Bonnie Raindrop:** Download the Jamboard responses to pick your priorities for Monday session
- [https://docs.google.com/spreadsheets/d/18Y2V\\_nV\\_4t5JL3ZamqTiyEXEs3ETYv9A/edit?usp=sharing&oid=116344553823558048965&rtpof=true&sd=true](https://docs.google.com/spreadsheets/d/18Y2V_nV_4t5JL3ZamqTiyEXEs3ETYv9A/edit?usp=sharing&oid=116344553823558048965&rtpof=true&sd=true)
- 11:41:41 **From Rylee, Chesapeake Bay Trust:** Thank you all so much! Happy Tuesday :)
- 11:42:08 **From Bill Castro:** THANKS BONNIE AND RUTH
- 11:42:25 **From Margie Roswell:** Thanks all!
- 11:42:27 **From Ana Rule:** Thanks Bonnie and Ruth for your amazing leadership on this issue!
- 11:43:14 **From Mike Ichniowski MDAAP:** Great presentations! I think I finally have an understanding about what defines a compound as a PFAS!
- 11:43:46 **From Susan Beal:** Thanks all for another useful and informative session. See you Monday