

## Butow, Mary

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**From:** Pillsbury, Sarah  
**Sent:** Tuesday, October 16, 2018 2:16 PM  
**To:** Ali, Jonathan; Butow, Mary  
**Subject:** FW: NH DES Stakeholder and Tech Work sessions for PFOA, PFOS, PFNA, PFHxS and maybe others in the GenX family.  
**Attachments:** UBA-PFAS-.texte\_47\_2014  
\_understanding\_the\_exposure\_pathways\_of\_per-\_and\_polyfluoralkyl\_substances\_pfass\_0(002).pdf; NJDEP Investigation of Levels of Perfluorinated Compounds in New Jersey Fish, Surface Water, and Sediment 6-18-18.pdf; 10-6-18 PP on 3-16 2001-EPA-DoD-Meeting-on-AFFF Issues 13 pages A1.pdf; 9-6-18 Environmental Health Paper on PFAS in Human Serum and Exposure sources 7-18 s12940-018-0355-4.pdf; 9-6-18 Environmental Health paper on PFAS -need for Coordinated Health Research in Communities 2017 - 6 pages s1.pdf; PFAS-GenX contaminants Peer Reviewd Hopkins2018.pdf; 1966 ZONYL DUPONT FDA refusal after testing and petition.pdf

The first comments. Can you guys figure out how we are going to track these as they come in. I will forward them as they arrive. Maybe a subfolder in PFASMCL and a spreadsheet? Let me know what you think works best.

We should also have a repository for worthwhile info that has nothing to do with setting an MCL such as some of the attached.

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NHDES Be Well Informed Private Well App - An interactive web application for private well owners to interpret water quality test results and identify appropriate water treatment options

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**From:** Geoff Daly [mailto: [REDACTED]]  
**Sent:** Tuesday, October 16, 2018 1:27 PM  
**To:** Pillsbury, Sarah  
**Cc:** 'Laurene Allen'  
**Subject:** NH DES Stakeholder and Tech Work sessions for PFOA, PFOS, PFNA, PFHxS and maybe others in the GenX family.

**Good morning Sarah,**

**I have been contemplating the whole PFAS subject and the problems being faced in the water, air, soil contaminants being found throughout the US.**

**Can the above and following be included in the Work Sessions tonight and going forward as follows?**

- **Look at the current birth related problems associated with Parents already contaminated with a level of PFAS in their Blood [moment of conception the Fetus is compromised in its growth/development of all the internal**

organs and body structure for the Babies life. This will place a huge economic burden on the Health Care costs for the Baby/Child and Parents. At the same time affect the Economy of each State due to days off, Illnesses etc. [has been stated in the ATSDR report] What support programs can be devised as the Childs DNA/RNA Gene structures will be mutated whilst invitro [see the documentary by Nat Geo and the "Devil We know" where deformities are reviewed].

- EPA and the ORD need to reach out to the Public for Suggestions on how to ensure the safety of the Human Health Function through technology and methods to provide Clean Water, Air and Ground Soils through various filtration methods other than GAC which is being pressed as the method, but only for water, not air or soils?
- Can the MCL's be lowered to say 20 PPT with the EPA statement " this level will be altered as more validation for the exposure of PFAS compounds is proven to be detrimental to the Human body and Health/Welfare at a higher or lower levels. To be determined through Biology of the human internal organs and life functions through the exposure to these Emerging Persistent Contaminants in the PFAS family."
- Besides the current problems with the Manufactures/end users/coaters, and associated industries [please look at the FDA letter by Dupont on Zonyl for the Food/Pharma packaging from 1966]. A full review of all known uses in use by industry for Consumer use, such as Teflon lubricants/polishes/ household dusting sprays, Coatings on Clothing, Fast food nonstick food wrappings/containers [all land filled and then decayed with the coatings leaching into the ground water or sent to the waste water treatment plants.[continues the Circle of contamination at the next drinking water intake].
- Evaluation of all Firefighter turn-out gear, Military/Forestry/Hospital Bio-wet gown clothing, as all are coated with some variety of formulated PFAS. The Washing of these clothes generates PFAS in the Waste waters [especially as the Mfg.'s of military and turn out gear instruct the use of 60° C washing waters on all cycles – this causes failure of the coatings into the wash cycle and into the waste water stream ]

The above and the attached should be review as data/information need for deciding how to handle this debacle and get some ground water filtration system trial going with the least amount of money being spent [ORD in Cincinnati is requiring too much proprietary data and detailed layouts/drgs before they will even consider anything- is not what Dr Peter Grevatt stated at the June

conference the EPA put on, stated and agreed folks who have ideas should be able to demonstrate them as easily and quickly as possible, so as to reduce the red-tape and find some workable systems quickly]

I will be there tonight and hope some of the above can be included.

Regards,

*Geoff*

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