Message

From: Medina-Vera, Myriam [/O=EXCHANGELABS/OU=EXCHANGE ADMINISTRATIVE GROUP (FYDIBOHF23SPDLT)/CN=RECIPIENTS/CN=B081A1F48A044B4C9D1EBC4992C54DEE-MEDINA-VERA, MYRIAM]
Sent: 6/19/2017 7:55:44 PM
To: Strynar, Mark [/o=ExchangeLabs/ou=Exchange Administrative Group (FYDIBOHF23SPDLT)/cn=Recipients/cn=5a9910d5b38e471497bd875fd329a20a-Strynar, Mark]
Subject: FW: GenX question

Mark,

They need to understand that we do not have standards to positively identify each perfluorinated compound.

Myriam Medina-Vera, Ph.D.
Chief PHCB/EMMD/NERL
Research Triangle Park, NC
Voice: 919-541-5016
Fax: 919-541-3527

From: Maguire, Megan
Sent: Monday, June 19, 2017 3:54 PM
To: Strynar, Mark <Strynar.Mark@epa.gov>; Sauerhage, Maggie <Sauerhage.Maggie@epa.gov>
Cc: Autrey, Brad <Autrey.Brad@epa.gov>; Hubbard, Carolyn <Hubbard.Carolyn@epa.gov>; Lindstrom, Andrew <Lindstrom.Andrew@epa.gov>; Medina-Vera, Myriam <Medina-Vera.Myriam@epa.gov>; Buckley, Timothy <Buckley.Timothy@epa.gov>
Subject: RE: GenX question

Hi Mark- Sorry for another question. I know you mentioned last Thursday that you took samples again recently. Can you clarify if you are currently researching compounds other than GenX in the Cape Fear River? A reporter asked if we are looking at other pollutants beyond GenX. I clarified with OPA that your and Andy's paper mentioned lots of other PFAS beyond GenX. They are now asking if we have been looking at these substances following the publication of the paper in 2016.

Thanks,
Megan

Megan Maguire
US EPA, Office of Research and Development
RRB 41261
O: (202)564-6636
C{ Personal Matters / Ex. 6 }

From: Strynar, Mark
Sent: Thursday, June 15, 2017 9:58 AM
To: Sauerhage, Maggie <Sauerhage.Maggie@epa.gov>
Cc: Autrey, Brad <Autrey.Brad@epa.gov>; Hubbard, Carolyn <Hubbard.Carolyn@epa.gov>; Lindstrom, Andrew <Lindstrom.Andrew@epa.gov>; Medina-Vera, Myriam <Medina-Vera.Myriam@epa.gov>; Buckley, Timothy <Buckley.Timothy@epa.gov>; Maguire, Megan <Maguire.Megan@epa.gov>
Subject: RE: GenX question

I am guessing Larry Cahoon is getting the 13 lbs number from our paper (Sun et al.2016), we calculated daily GenX mass fluxes that ranged from 0.6 to 24 kg/day with a mean of 5.9 kg/day.

(5.9 kg/day) times (2.20462 lbs/kg) = 13.007 lbs/day

Mark

From: Sauerhage, Maggie
Sent: Thursday, June 15, 2017 9:29 AM
To: Strynar, Mark <Strynar.Mark@epa.gov>
Cc: Autrey, Brad <Autrey.Brad@epa.gov>; Hubbard, Carolyn <Hubbard.Carolyn@epa.gov>; Lindstrom, Andrew <Lindstrom.Andrew@epa.gov>; Medina-Vera, Myriam <Medina-Vera.Myriam@epa.gov>; Buckley, Timothy <Buckley.Timothy@epa.gov>; Maguire, Megan <Maguire.Megan@epa.gov>
Subject: RE: GenX question

Hi Mark – here's one of the stories that's come out about GenX in the last few days. Would you have any idea where Larry Cahoon is getting the number of 13 pounds per day? Thanks.

http://whqr.org/post/genx-can-we-drink-water#stream/0

From: Maguire, Megan
Sent: Thursday, June 15, 2017 9:18 AM
To: Strynar, Mark <Strynar.Mark@epa.gov>
Cc: Autrey, Brad <Autrey.Brad@epa.gov>; Sauerhage, Maggie <Sauerhage.Maggie@epa.gov>; Hubbard, Carolyn <Hubbard.Carolyn@epa.gov>; Lindstrom, Andrew <Lindstrom.Andrew@epa.gov>; Medina-Vera, Myriam <Medina-Vera.Myriam@epa.gov>; Buckley, Timothy <Buckley.Timothy@epa.gov>
Subject: Re: GenX question

Thank you, this is very helpful!

Megan Maguire
US EPA, Office of Research and Development
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O: (202)564-6636
C: (Personal Matters / Ex. 6

On Jun 15, 2017, at 8:07 AM, Strynar, Mark <Strynar.Mark@epa.gov> wrote:

> Megan,
>
> We first became aware of GenX in 2012 when I presented this work at SETAC as a platform presentation. The publication (Strynar et al., 2015) was the first peer reviewed publication on the identification. The Sun et al., 2016 publication was the first where we quantitated the compound GenX.
>
> Actions that were taken included making presentation as national/international meetings communicating these finding.
>
> As it pertains to internal EPA communication I am not sure if I can unearth which program offices were alerted. However, as PFAS are highly sensitive since the mid 2000s our division (formerly HEASD and now EMMD) within NERL has had additional clearance communications pre-publication submission.

-I have an email from my Branch Chief March 2, 2015 indicating the title and abstract from my Strynar et al., 2015 paper was sent to Ed Ohanian and Maria Doa at OW for comments. On September 10th 2015 I sent the pre-publication paper to Ed Ohanian after a phone conversation.

-For the Sun et al., 2016 paper I have an email from Tim Buckley 9-21-16 my DD to Andy Gillespie that the paper will be sent to NERL IO, then IOAA (Bob Kavlock) for clearance review and then on to OW pre clearance for publication.
I do not see any comments received from Kavlock but I am aware he reviewed it. I also have an email from Tim Buckley 10-3-16 asking if R4 and NCDEQ were alerted to this pre-publication. On 10-18-16 Andy Lindstrom sent the draft copy of the manuscript submitted to R4 Lee Thomas and on 10-19-16 to James Giattina (I believe also of R4)

Hope this helps,

Mark

Myriam Medina-Vera, Ph.D.
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From: Maguire, Megan
Sent: Wednesday, June 14, 2017 3:15 PM
To: Strynar, Mark <Strynar.Mark@epa.gov>
Cc: Autrey, Brad <Autrey.Brad@epa.gov>; Sauerhage, Maggie <Sauerhage.Maggie@epa.gov>; Hubbard, Carolyn <Hubbard.Carolyn@epa.gov>
Subject: GenX question

Hi Mark- We are working with OPA on that media inquiry you got from John Wolfe. Most of the questions he has pertain to OCSPP and OECA. However, one of the questions he asked was about when EPA became aware of the presence of GenX in the water and what actions were taken. Do we have the info about any outreach we did to the program offices around the article you and Andy co-authored on hand? I just wanted to know in case we get asked any questions by the program offices, not necessarily for responding to the reporter.

Thanks,
Megan

Megan Maguire
US EPA, Office of Research and Development
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