

Dukes, Tyler

From: Kritzer, Jamie <jamie.kritzer@ncdenr.gov>
Sent: Wednesday, August 16, 2017 1:40 PM
To: Dukes, Tyler
Cc: Kritzer, Jamie
Subject: FW: PFASs in the Cape Fear River watershed
Attachments: PFECAs_Sun_ESTL2016.pdf; PFECAs_Sun_ESTL2016_SI.pdf

Tyler,

In response to your question, here is an email sent to staff in DEQ Nov. 23, 2016 from Detlef Knappe, the lead author of the study on GenX in the Cape Fear River. The reports Dr. Knappe sent are attached to this email.

You can see who is identified in the emails below. Those you might not recognize with the suffix "ncdenr" are staff in the Division of Water Resources.

Let me know if you need anything else.

Jamie Kritzer
Communications Director
N.C. Department of Environmental Quality
919-707-8602
919-218-5935



Email correspondence to and from this address is subject to the North Carolina Public Records Law and may be disclosed to third parties.

From: Detlef Knappe [<mailto:knappe@ncsu.edu>]
Sent: Wednesday, November 23, 2016 11:46 AM
To: Hill, Tammy <tammy.l.hill@ncdenr.gov>; Adam Pickett <apickett@pittsboronc.gov>; aobriant@harnett.org; Austin, Vardry E <vardry.austin@ncdenr.gov>; Brower, Connie <connie.brower@ncdenr.gov>; Godreau, Jessica <jessica.godreau@ncdenr.gov>; Gore, Deborah <deborah.gore@ncdenr.gov>; Grzyb, Julie <julie.grzyb@ncdenr.gov>; Ham, Chad <chad.ham@faypwc.com>; Manning, Jeff <jeff.manning@ncdenr.gov>; Johnson, Chris <chris.johnson@ncdenr.gov>; Martie Groome <martie.groome@greensboro-nc.gov>; Michele Dawes <MDAWES@ci.asheboro.nc.us>; Poupart, Jeff <jeff.poupart@ncdenr.gov>; Risgaard, Jon <jon.risgaard@ncdenr.gov>; Sadosky, Rebecca <rebecca.sadosky@ncdenr.gov>; UCFRBA Kevin Eason <keason@ci.reidsville.nc.us>; UCFRBA Michael Rhoney <mrhoney@ci.asheboro.nc.us>; Mick Noland <mick.noland@faypwc.com>
Cc: Karoly, Cyndi <cyndi.karoly@ncdenr.gov>; Zimmerman, Jay <jay.zimmerman@ncdenr.gov>; Knight, Sherri <sherri.knight@ncdenr.gov>; Smith, Danny <danny.smith@ncdenr.gov>; Gregson, Jim <jim.gregson@ncdenr.gov>; Henson, Belinda <belinda.henson@ncdenr.gov>; Kroeger, Steve <steve.kroeger@ncdenr.gov>; Reeder, Tom <tom.reeder@ncdenr.gov>
Subject: PFASs in the Cape Fear River watershed

Hello everyone,

I am attaching a paper we published this month in ES&T Letters. We studied the occurrence of per- and polyfluoroalkyl substances (PFASs) in the Cape Fear River watershed. Legacy PFASs, such as PFOA and PFOS dominated the PFAS signature in the Haw River. In contrast, new fluorinated alternatives such as GenX, a replacement for PFOA, were very high in Wilmington (and by association also in Brunswick and Pender). None of the newly discovered compounds being discharged by the Chemours plant south of Fayetteville are removed by the advanced and conventional treatment processes employed in the Sweeney WTP in Wilmington. Also, many of the compounds are essentially non-adsorbable on activated carbon. I think it would be useful to discuss the results. A large number of people are exposed to high levels of PFASs through their drinking water!

Best regards,

Detlef

--

Detlef Knappe
Professor
319-E Mann Hall
Department of Civil, Construction, and Environmental Engineering
North Carolina State University
Campus Box 7908
Raleigh, NC 27695-7908

Phone: 919-515-8791
Fax: 919-515-7908
E-mail: knappe@ncsu.edu
Web page: <http://knappelab.wordpress.ncsu.edu/>

Hi Chris and Jamie,

The letter to NC senators released below yesterday includes a statement that last November the McCrory administration "received a research report from the EPA and NC State University regarding the Cape Fear watershed."

Would you please provide me ASAP a copy of the report referenced?

Would you please also provide evidence of who in the McCrory administration received the report, when and why?

Thanks. I'm sure this will come up again soon.

The logo for The Associated Press, consisting of the letters 'AP' in a bold, black, sans-serif font.

Emery P. Dalesio
The Associated Press
3600 Glenwood Ave., Suite 205
Raleigh, N.C. 27612
Main Office: 919-510-8937
Toll free in NC: 866-883-1272
Mobile: 919-270-2009

"I suppose that when I go to the hereafter and stand at the Golden Gate, the first person I shall meet will be a correspondent of the Associated Press."—*Mahatma Gandhi, 1932, on meeting an AP reporter at a remote railway station after his release from an Indian prison.*

From: Jamie Kritzer [<mailto:jamie.kritzer@ncdenr.gov>]

Sent: Tuesday, August 15, 2017 4:15 PM

To: Dalesio, Emery

Subject: DEQ, DHHS heads respond to state senators' letter, outline request to protect drinking water

Roy Cooper, Governor



Michael S. Regan, Secretary

Release: IMMEDIATE

Date: Aug. 15, 2017

Contact: Jamie Kritzer; Chris Mackey

Phone: 919-707-8602; 919-855-4835

DEQ, DHHS heads respond to state senators' letter, outline request to protect drinking water

RALEIGH – The heads of the state departments of Health and Human Services and Environmental Quality have responded to an inquiry from members of the N.C. Senate and outlined the departments' critical funding needs to help protect water quality for North Carolinians.

The Department of Health and Human Services' Secretary Mandy Cohen and the Department of Environmental Quality's Secretary Michael Regan responded Monday to the Aug. 9 letter from seven members of the N.C. Senate.

Cohen and Regan outlined their departments' needs for an emergency appropriation to fund more scientists, medical experts, engineers and inspectors and for long-term testing to monitor for the presence of GenX and other emerging chemical compounds in the Cape Fear River and other inland waterways that are drinking water sources.

"We are ready to engage in a productive dialogue about these topics and are available to meet in person to share more information with you about our request for expedited funding and personnel," Cohen and Regan's letter states. "We are glad you are reviewing the effect of legislative budget cuts, both past and current."

The large scope and pressing nature of the presence of these compounds in the Cape Fear River requires a larger response than the departments have resources to provide while continuing to meet the day-to-day operational requirements, the letter adds.

Since 2013, DEQ has seen the elimination of approximately 70 positions that supported the permitting, compliance and enforcement programs. The additional appropriation would allow DEQ to fund positions to help protect water quality and cover the expense of tests monitoring the presence of emerging contaminants in waterways statewide. These funds would also allow DHHS to create a Water Health and Safety Unit to enhance the state's understanding of and response to unregulated compounds, and to help protect families' drinking water.

More details are available in the attached [letter](#).

###

Website: <http://www.ncdenr.gov>
Facebook: <http://www.facebook.com/ncdeq>
Twitter: <http://twitter.com/NCDEQ>
RSS Feed: <http://portal.ncdenr.org/web/opa/news-releases-rss>
1601 Mail Service Center, Raleigh, NC 27699-1601

If you would rather not receive future communications from North Carolina Dept. of Environment and Natural Resources, let us know by clicking [here](#).
North Carolina Dept. of Environment and Natural Resources, 217 W. Jones St., Raleigh, North Carolina 27699 United States

The information contained in this communication is intended for the use of the designated recipients named above. If the reader of this communication is not the intended recipient, you are hereby notified that you have received this communication in error, and that any review, dissemination, distribution or copying of this communication is strictly prohibited. If you have received this communication in error, please notify The Associated Press immediately by telephone at +1-212-621-1500 and delete this email. Thank you.